

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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							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.24039	PL.12214	A	4ACSR	7.38Y	123.1	0.00	2.92	0.60	1	4	2	89	0.00	0.0	4.380	0.059	0	0	0	1
447708	PL.24039	A	Consumer	7.38Y	123.1	0.00	2.92	0.60	0	4	2	89	0.00	0.0	4.380	0.000	4	2	1	1
PL.12213	PL.12214	A	4ACSR	7.38Y	123.0	0.06	2.98	10.77	9	74	29	93	0.03	0.0	4.436	0.115	0	0	0	20
PL.8600	PL.12213	A	4ACSR	7.37Y	122.8	0.21	3.19	10.77	9	74	29	93	0.12	0.2	4.863	0.427	0	0	0	20
PL.8599	PL.8600	A	4ACSR	7.37Y	122.8	0.05	3.24	10.77	9	74	29	93	0.03	0.0	4.964	0.100	0	0	0	20
447814	PL.8599	A	Consumer	7.37Y	122.8	0.00	3.24	0.39	0	3	1	95	0.00	0.0	4.964	0.000	3	1	1	1
447811	PL.8599	A	Consumer	7.37Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	4.964	0.000	0	0	1	1
PL.11853	PL.8599	A	4ACSR	7.36Y	122.7	0.06	3.29	10.38	9	71	28	93	0.03	0.0	5.085	0.121	0	0	0	18
PL.11854	PL.11853	A	4ACSR	7.36Y	122.7	0.03	3.33	10.31	9	71	27	93	0.02	0.0	5.150	0.065	0	0	0	17
PL.11856	PL.11854	A	4ACSR	7.35Y	122.6	0.09	3.42	8.68	7	60	23	93	0.04	0.1	5.383	0.233	0	0	0	13
PL.24046	PL.11856	A	4ACSR	7.35Y	122.6	0.01	3.43	1.52	1	10	4	93	0.00	0.0	5.536	0.153	0	0	0	2
448804	PL.24046	A	Consumer	7.35Y	122.6	0.00	3.43	1.02	0	7	3	92	0.00	0.0	5.536	0.000	7	3	1	1
448803	PL.24046	A	Consumer	7.35Y	122.6	0.00	3.43	0.50	0	3	1	95	0.00	0.0	5.536	0.000	3	1	1	1
PL.11855	PL.11856	A	4ACSR	7.35Y	122.6	0.02	3.44	7.17	6	49	19	93	0.01	0.0	5.438	0.056	0	0	0	11
PL.6555	PL.11855	A	4ACSR	7.35Y	122.5	0.06	3.49	5.60	5	38	15	93	0.02	0.0	5.654	0.216	0	0	0	9
448805	PL.6555	A	Consumer	7.35Y	122.5	0.00	3.49	0.62	0	4	2	89	0.00	0.0	5.654	0.000	4	2	1	1
PL.11858	PL.6555	A	4ACSR	7.35Y	122.5	0.01	3.50	4.98	4	34	13	93	0.00	0.0	5.692	0.038	0	0	0	8
PL.11857	PL.11858	A	4ACSR	7.35Y	122.5	0.01	3.51	4.42	4	30	12	93	0.00	0.0	5.726	0.034	0	0	0	7
PL.6556	PL.11857	A	4ACSR	7.35Y	122.5	0.02	3.53	4.42	4	30	12	93	0.00	0.0	5.820	0.094	0	0	0	7
447911	PL.6556	A	Consumer	7.35Y	122.5	0.00	3.53	0.86	0	6	2	95	0.00	0.0	5.820	0.000	6	2	1	1
PL.11860	PL.6556	A	4ACSR	7.35Y	122.5	0.01	3.54	3.56	3	24	9	94	0.00	0.0	5.878	0.058	0	0	0	6
PL.2721	PL.11860	A	4ACSR	7.35Y	122.5	0.01	3.55	0.70	1	5	2	93	0.00	0.0	6.226	0.348	0	0	0	1
447906	PL.2721	A	Consumer	7.35Y	122.5	0.00	3.55	0.70	0	5	2	93	0.00	0.0	6.226	0.000	5	2	1	1
447902	PL.11860	A	Consumer	7.35Y	122.5	0.00	3.54	0.37	0	3	1	95	0.00	0.0	5.878	0.000	3	1	1	1
PL.11859	PL.11860	A	4ACSR	7.35Y	122.5	0.01	3.54	2.50	2	17	7	92	0.00	0.0	5.955	0.077	0	0	0	4
PL.6557	PL.11859	A	4ACSR	7.35Y	122.5	0.01	3.55	2.50	2	17	7	92	0.00	0.0	6.000	0.045	0	0	0	4
PL.6558	PL.6557	A	4ACSR	7.35Y	122.4	0.02	3.57	2.49	2	17	7	92	0.00	0.0	6.142	0.142	0	0	0	3
447909	PL.6558	A	Consumer	7.35Y	122.4	0.00	3.57	0.58	0	4	2	89	0.00	0.0	6.142	0.000	4	2	1	1
447915	PL.6558	A	Consumer	7.35Y	122.4	0.00	3.57	0.92	0	6	2	95	0.00	0.0	6.142	0.000	6	2	1	1
PL.11861	PL.6558	A	4ACSR	7.35Y	122.4	0.01	3.57	0.99	1	7	3	92	0.00	0.0	6.336	0.194	0	0	0	1
PL.11862	PL.11861	A	4ACSR	7.35Y	122.4	0.00	3.58	0.99	1	7	3	92	0.00	0.0	6.424	0.088	0	0	0	1
PL.41070	PL.11862	A	4ACSR	7.35Y	122.4	0.00	3.58	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	7.35Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	6.501	0.000	0	0	0	0
PL.2722	PL.11862	A	4ACSR	7.35Y	122.4	0.00	3.58	0.99	1	7	3	92	0.00	0.0	6.481	0.057	0	0	0	1
447912	PL.2722	A	Consumer	7.35Y	122.4	0.00	3.58	0.99	0	7	3	92	0.00	0.0	6.481	0.000	7	3	1	1
447905	PL.6557	A	Consumer	7.35Y	122.5	0.00	3.55	0.00	0	0	0	100	0.00	0.0	6.000	0.000	0	0	1	1
PL.2720	PL.11858	A	4ACSR	7.35Y	122.5	0.00	3.50	0.56	0	4	1	97	0.00	0.0	5.846	0.154	0	0	0	1
448802	PL.2720	A	Consumer	7.35Y	122.5	0.00	3.50	0.56	0	4	1	97	0.00	0.0	5.846	0.000	4	1	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							
447808	PL.11855	A	Consumer	7.35Y	122.6	0.00	3.44	0.98	0	7	3	92	0.00	0.0	5.438	0.000	7	3	1	1
PL.24045	PL.11855	A	4ACSR	7.35Y	122.6	0.00	3.44	0.58	0	4	2	89	0.00	0.0	5.572	0.134	0	0	0	1
447816	PL.24045	A	Consumer	7.35Y	122.6	0.00	3.44	0.58	0	4	2	89	0.00	0.0	5.572	0.000	4	2	1	1
447807	PL.11854	A	Consumer	7.36Y	122.7	0.00	3.33	1.01	0	7	3	92	0.00	0.0	5.150	0.000	7	3	1	1
447815	PL.11854	A	Consumer	7.36Y	122.7	0.00	3.33	0.08	0	1	0	100	0.00	0.0	5.150	0.000	1	0	1	1
PL.24044	PL.11854	A	4ACSR	7.36Y	122.7	0.00	3.33	0.54	0	4	1	97	0.00	0.0	5.218	0.068	0	0	0	2
447809	PL.24044	A	Consumer	7.36Y	122.7	0.00	3.33	0.54	0	4	1	97	0.00	0.0	5.218	0.000	4	1	1	1
447812	PL.24044	A	Consumer	7.36Y	122.7	0.00	3.33	0.01	0	0	0	100	0.00	0.0	5.218	0.000	0	0	1	1
PL.24043	PL.11853	A	4ACSR	7.36Y	122.7	0.00	3.29	0.07	0	0	0	100	0.00	0.0	5.161	0.076	0	0	0	1
447806	PL.24043	A	Consumer	7.36Y	122.7	0.00	3.29	0.07	0	0	0	100	0.00	0.0	5.161	0.000	0	0	1	1
447813	PL.24043	A	Consumer	7.36Y	122.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	5.161	0.000	0	0	0	0
447704	PL.20293	A	Consumer	7.40Y	123.4	0.00	2.61	0.23	0	2	1	89	0.00	0.0	3.746	0.000	2	1	1	1
447603	PL.11120	A	Consumer	7.42Y	123.7	0.00	2.26	0.13	0	1	0	100	0.00	0.0	3.143	0.000	1	0	1	1
PL.11121	PL.11119	A	4ACSR	7.43Y	123.8	0.00	2.19	0.73	1	5	2	93	0.00	0.0	3.045	0.008	0	0	0	3
PD.1455	PL.11121	A	fuse6AMP	7.43Y	123.8	0.00	2.19	0.73	13	5	2	93	0.00	0.0	3.045	0.000	0	0	0	3
PL.11122	PD.1455	A	4ACSR	7.43Y	123.8	0.00	2.19	0.73	1	5	2	93	0.00	0.0	3.127	0.082	0	0	0	3
PL.24037	PL.11122	A	4ACSR	7.43Y	123.8	0.00	2.20	0.73	1	5	2	93	0.00	0.0	3.246	0.119	0	0	0	3
PL.24036	PL.24037	A	4ACSR	7.43Y	123.8	0.01	2.20	0.73	1	5	2	93	0.00	0.0	3.421	0.175	0	0	0	3
PL.24038	PL.24036	A	4ACSR	7.43Y	123.8	0.00	2.20	0.70	1	5	2	93	0.00	0.0	3.477	0.057	0	0	0	2
PL.24041	PL.24038	A	4ACSR	7.43Y	123.8	0.00	2.21	0.43	0	3	1	95	0.00	0.0	3.647	0.170	0	0	0	1
447611	PL.24041	A	Consumer	7.43Y	123.8	0.00	2.21	0.43	0	3	1	95	0.00	0.0	3.647	0.000	3	1	1	1
447610	PL.24038	A	Consumer	7.43Y	123.8	0.00	2.20	0.27	0	2	1	89	0.00	0.0	3.477	0.000	2	1	1	1
447608	PL.24036	A	Consumer	7.43Y	123.8	0.00	2.20	0.03	0	0	0	100	0.00	0.0	3.421	0.000	0	0	1	1
PL.22463	PL.11118	A	4ACSR	7.44Y	123.9	0.00	2.05	0.72	1	5	2	93	0.00	0.0	2.836	0.011	0	0	0	1
PD.1454	PL.22463	A	fuse6AMP	7.44Y	123.9	0.00	2.05	0.72	12	5	2	93	0.00	0.0	2.836	0.000	0	0	0	1
PL.22464	PD.1454	A	4ACSR	7.44Y	123.9	0.00	2.05	0.72	1	5	2	93	0.00	0.0	2.881	0.045	0	0	0	1
447606	PL.22464	A	Consumer	7.44Y	123.9	0.00	2.05	0.72	0	5	2	93	0.00	0.0	2.881	0.000	5	2	1	1
447609	PL.11118	A	Consumer	7.44Y	123.9	0.00	2.05	0.56	0	4	2	89	0.00	0.0	2.825	0.000	4	2	1	1
446608	PL.24751	A	Consumer	7.45Y	124.1	0.00	1.91	0.28	0	2	1	89	0.00	0.0	2.627	0.000	2	1	1	1
PL.22052	PL.11116	A	4ACSR	7.46Y	124.4	0.00	1.60	2.31	2	16	6	94	0.00	0.0	2.217	0.028	0	0	0	5
PD.1450	PL.22052	A	fuse6AMP	7.46Y	124.4	0.00	1.60	2.31	39	16	6	94	0.00	0.0	2.217	0.000	0	0	0	5
PL.22053	PD.1450	A	4ACSR	7.46Y	124.4	0.02	1.61	2.31	2	16	6	94	0.00	0.0	2.373	0.155	0	0	0	5
PL.23318	PL.22053	A	4ACSR	7.46Y	124.4	0.00	1.62	0.93	1	6	3	89	0.00	0.0	2.437	0.064	0	0	0	2
PL.45816	PL.23318	A	4ACSR	7.46Y	124.4	0.00	1.62	0.89	1	6	2	95	0.00	0.0	2.457	0.021	0	0	0	1
4466024	PL.45816	A	Consumer	7.46Y	124.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	2.457	0.000	0	0	0	0
PL.45817	PL.45816	A	4ACSR	7.46Y	124.4	0.00	1.62	0.89	1	6	2	95	0.00	0.0	2.484	0.026	0	0	0	1
446611	PL.45817	A	Consumer	7.46Y	124.4	0.00	1.62	0.89	0	6	2	95	0.00	0.0	2.484	0.000	6	2	1	1
446616	PL.23318	A	Consumer	7.46Y	124.4	0.00	1.62	0.03	0	0	0	100	0.00	0.0	2.437	0.000	0	0	1	1

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							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW					KVAR	Length (mi)			KW
PL.22822	PL.22053	A	4ACSR	7.46Y	124.4	0.00	1.62	0.68	1	5	2	93	0.00	0.0	2.449	0.076	0	0	0	1
446614	PL.22822	A	Consumer	7.46Y	124.4	0.00	1.62	0.68	0	5	2	93	0.00	0.0	2.449	0.000	5	2	1	1
446603	PL.22053	A	Consumer	7.46Y	124.4	0.00	1.61	0.25	0	2	1	89	0.00	0.0	2.373	0.000	2	1	1	1
446606	PL.22053	A	Consumer	7.46Y	124.4	0.00	1.61	0.45	0	3	1	95	0.00	0.0	2.373	0.000	3	1	1	1
446615	PL.11114	A	Consumer	7.48Y	124.7	0.00	1.35	0.04	0	0	0	100	0.00	0.0	1.890	0.000	0	0	1	1
446602	PL.11114	A	Consumer	7.48Y	124.7	0.00	1.35	0.74	0	5	2	93	0.00	0.0	1.890	0.000	5	2	1	1
PL.23391	PL.11114	A	4ACSR	7.48Y	124.6	0.02	1.36	1.05	1	7	3	92	0.00	0.0	2.228	0.338	0	0	0	1
446610	PL.23391	A	Consumer	7.48Y	124.6	0.00	1.36	1.05	0	7	3	92	0.00	0.0	2.228	0.000	7	3	1	1
PL.22461	PL.11112	A	4ACSR	7.49Y	124.8	0.00	1.18	1.86	2	13	5	93	0.00	0.0	1.732	0.028	0	0	0	4
PD.1448	PL.22461	A	fuse6AMP	7.49Y	124.8	0.00	1.18	1.86	32	13	5	93	0.00	0.0	1.732	0.000	0	0	0	4
PL.22462	PD.1448	A	4ACSR	7.49Y	124.8	0.01	1.19	1.86	2	13	5	93	0.00	0.0	1.862	0.130	0	0	0	4
PL.23390	PL.22462	A	4ACSR	7.49Y	124.8	0.00	1.19	0.75	1	5	2	93	0.00	0.0	1.938	0.077	0	0	0	2
446605	PL.23390	A	Consumer	7.49Y	124.8	0.00	1.19	0.69	0	5	2	93	0.00	0.0	1.938	0.000	5	2	1	1
446607	PL.23390	A	Consumer	7.49Y	124.8	0.00	1.19	0.06	0	0	0	100	0.00	0.0	1.938	0.000	0	0	1	1
PL.23389	PL.22462	A	4ACSR	7.49Y	124.8	0.00	1.19	1.11	1	8	3	94	0.00	0.0	1.902	0.040	0	0	0	2
446612	PL.23389	A	Consumer	7.49Y	124.8	0.00	1.19	0.00	0	0	0	100	0.00	0.0	1.902	0.000	0	0	0	0
446609	PL.23389	A	Consumer	7.49Y	124.8	0.00	1.19	0.77	0	5	2	93	0.00	0.0	1.902	0.000	5	2	1	1
PL.33930	PL.23389	A	2ACSR	7.49Y	124.8	0.00	1.19	0.34	0	2	1	89	0.00	0.0	2.059	0.157	0	0	0	1
4456037	PL.33930	A	Consumer	7.49Y	124.8	0.00	1.19	0.34	0	2	1	89	0.00	0.0	2.059	0.000	2	1	1	1
PL.108	PL.11106	A	1/0CU	7.52Y	125.4	0.02	0.62	12.74	5	89	35	93	0.01	0.0	1.199	0.066	0	0	0	29
		B		7.58Y	126.3	-0.00	-0.28	4.19	2	29	12	93					0	0	0	12
		C		7.56Y	126.1	0.00	-0.06	0.39	0	3	1	93					0	0	0	2
PL.109	PL.108	A	1/0CU	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	1.208	0.008	0	0	0	0
		B		7.58Y	126.3	0.00	-0.28	4.19	2	29	12	93					0	0	0	12
		C		7.56Y	126.1	-0.00	-0.06	0.39	0	3	1	93					0	0	0	2
PL.24013	PL.109	A	1/0CU	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	1.208	0.000	0	0	0	0
		B		7.58Y	126.3	0.00	-0.28	4.19	2	29	12	93					0	0	0	12
		C		7.56Y	126.1	0.00	-0.06	0.39	0	3	1	93					0	0	0	2
PL.14815	PL.24013	A	1/0CU	7.52Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	1.316	0.108	0	0	0	0
		B		7.58Y	126.3	0.01	-0.27	4.19	2	29	12	93					0	0	0	12
		C		7.56Y	126.1	-0.00	-0.07	0.39	0	3	1	93					0	0	0	2
PD.386-A	PL.14815	A	Closed	7.52Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	1.316	0.000	0	0	0	0
		B		7.58Y	126.3	0.00	-0.27	4.19	0	29	12	93					0	0	0	12
		C		7.56Y	126.1	0.00	-0.07	0.39	0	3	1	93					0	0	0	2
PD.386-B	PD.386-A	A	Closed	7.52Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	1.316	0.000	0	0	0	0
		B		7.58Y	126.3	0.00	-0.27	4.19	0	29	12	93					0	0	0	12
		C		7.56Y	126.1	0.00	-0.07	0.39	0	3	1	93					0	0	0	2
PL.14814	PD.386-B	A	1/0CU	7.52Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	1.326	0.010	0	0	0	0
		B		7.58Y	126.3	0.00	-0.27	4.19	2	29	12	93					0	0	0	12
		C		7.56Y	126.1	-0.00	-0.07	0.39	0	3	1	93					0	0	0	2
PL.20661	PL.14814	A	1/0CU	7.52Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	1.329	0.003	0	0	0	0
		B		7.58Y	126.3	0.00	-0.27	4.19	2	29	12	93					0	0	0	12
		C		7.56Y	126.1	-0.00	-0.07	0.39	0	3	1	93					0	0	0	2
PL.20660	PL.20661	A	1/0CU	7.52Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	1.565	0.236	0	0	0	0
		B		7.58Y	126.3	0.02	-0.25	4.19	2	29	12	93					0	0	0	12
		C		7.56Y	126.1	-0.01	-0.07	0.39	0	3	1	93					0	0	0	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.115	PL.20660	A	1/0CU	7.52Y	125.4	0.00	0.63	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	-0.25	0.00	0	0	0	93					0	0	0	1
		C		7.56Y	126.1	0.00	-0.07	0.00	0	0	0	100					0	0	0	0
PL.14816	PL.115	A	1/0CU	7.52Y	125.4	0.00	0.63	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	-0.25	0.00	0	0	0	100					0	0	0	0
		C		7.56Y	126.1	0.00	-0.07	0.00	0	0	0	100					0	0	0	0
PL.29061	PL.14816	A	1/0CU	7.52Y	125.4	0.00	0.63	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	-0.25	0.00	0	0	0	100					0	0	0	0
		C		7.56Y	126.1	0.00	-0.07	0.00	0	0	0	100					0	0	0	0
PD.387-A	PL.29061	A	Open	7.52Y	125.4	0.00	0.63	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	-0.25	0.00	0	0	0	100					0	0	0	0
		C		7.56Y	126.1	0.00	-0.07	0.00	0	0	0	100					0	0	0	0
PL.11849	PL.115	B	4ACSR	7.58Y	126.3	0.00	-0.25	0.00	0	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	-0.25	0.00	0	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	-0.25	0.00	0	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	-0.25	0.00	0	0	0	100	0.00	0.0	1.814	0.000	0	0	1	1
PL.2756	PL.20660	B	4ACSR	7.57Y	126.2	0.01	-0.24	4.18	4	29	12	92	0.00	0.0	1.627	0.062	0	0	0	11
PD.1462	PL.2756	B	fuse6AMP	7.57Y	126.2	0.00	-0.24	4.18	71	29	12	92	0.00	0.0	1.627	0.000	0	0	0	11
PL.24910	PD.1462	B	4ACSR	7.57Y	126.2	0.02	-0.22	4.18	4	29	12	92	0.00	0.0	1.721	0.094	0	0	0	11
445542	PL.24910	B	Consumer	7.57Y	126.2	0.00	-0.22	0.17	0	1	0	100	0.00	0.0	1.721	0.000	1	0	1	1
445534	445542	B	Consumer	7.57Y	126.2	0.00	-0.22	0.00	0	0	0	100	0.00	0.0	1.721	0.000	0	0	0	0
PL.24911	PL.24910	B	4ACSR	7.57Y	126.2	0.01	-0.21	1.76	1	12	5	92	0.00	0.0	1.837	0.116	0	0	0	7
PL.24912	PL.24911	B	4ACSR	7.57Y	126.2	0.00	-0.21	0.74	1	5	2	93	0.00	0.0	1.923	0.086	0	0	0	4
445538	PL.24912	B	Consumer	7.57Y	126.2	0.00	-0.21	0.28	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	-0.21	0.37	0	3	1	95	0.00	0.0	1.923	0.000	3	1	1	1
445544	PL.24912	B	Consumer	7.57Y	126.2	0.00	-0.21	0.09	0	1	0	100	0.00	0.0	1.923	0.000	1	0	1	1
445533	PL.24912	B	Consumer	7.57Y	126.2	0.00	-0.21	0.00	0	0	0	100	0.00	0.0	1.923	0.000	0	0	1	1
PL.35049	PL.24911	B	2ACSR	7.57Y	126.2	0.00	-0.21	0.22	0	2	1	89	0.00	0.0	1.884	0.046	0	0	0	1
4455056	PL.35049	B	Consumer	7.57Y	126.2	0.00	-0.21	0.22	0	2	1	89	0.00	0.0	1.884	0.000	2	1	1	1
445548	PL.24911	B	Consumer	7.57Y	126.2	0.00	-0.21	0.45	0	3	1	95	0.00	0.0	1.837	0.000	3	1	1	1
445539	PL.24911	B	Consumer	7.57Y	126.2	0.00	-0.21	0.35	0	2	1	89	0.00	0.0	1.837	0.000	2	1	1	1
PL.43723	PL.24910	B	2ACSR	7.57Y	126.2	0.00	-0.22	2.25	1	16	6	94	0.00	0.0	1.769	0.048	0	0	0	3
4455063	PL.43723	B	Consumer	7.57Y	126.2	0.00	-0.22	0.71	0	5	2	93	0.00	0.0	1.769	0.000	5	2	1	1
PL.43724	PL.43723	B	2ACSR	7.57Y	126.2	0.00	-0.22	1.54	1	11	4	94	0.00	0.0	1.805	0.036	0	0	0	2
PL.36768	PL.43724	B	2ACSR	7.57Y	126.2	0.00	-0.22	0.87	1	6	2	95	0.00	0.0	1.829	0.024	0	0	0	1
PL.45799	PL.36768	B	2ACSR	7.57Y	126.2	0.00	-0.22	0.00	0	0	0	100	0.00	0.0	1.859	0.030	0	0	0	0
PL.45800	PL.45799	B	2ACSR	7.57Y	126.2	0.00	-0.22	0.00	0	0	0	100	0.00	0.0	1.970	0.111	0	0	0	0
4455065	PL.45799	B	Consumer	7.57Y	126.2	0.00	-0.22	0.00	0	0	0	100	0.00	0.0	1.859	0.000	0	0	0	0
4455060	PL.36768	B	Consumer	7.57Y	126.2	0.00	-0.22	0.87	0	6	2	95	0.00	0.0	1.829	0.000	6	2	1	1
PL.36481	PL.43724	B	2ACSR	7.57Y	126.2	0.00	-0.22	0.67	0	5	2	93	0.00	0.0	1.832	0.027	0	0	0	1
4455057	PL.36481	B	Consumer	7.57Y	126.2	0.00	-0.22	0.67	0	5	2	93	0.00	0.0	1.832	0.000	5	2	1	1
PL.2757	PL.20660	C	4ACSR	7.56Y	126.1	0.00	-0.07	0.39	0	3	1	95	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\SUMMER\PROPOSED SUMMER 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
445537	PL.2757	C	Consumer	7.56Y	126.1	0.00	-0.07	0.39	0	3	1	95	0.00	0.0	1.834	0.000	3	1	1	1
4455064	PL.20660	C	Consumer	7.56Y	126.1	0.00	-0.07	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	126.1	0.00	-0.07	0.00	0	0	0	100	0.00	0.0	1.329	0.000	0	0	1	1
PL.11125	PL.108	A	4ACSR	7.52Y	125.4	0.01	0.63	12.74	11	89	35	93	0.01	0.0	1.217	0.018	0	0	0	29
PD.372-A	PL.11125	A	Closed	7.52Y	125.4	0.00	0.63	12.74	0	89	35	93	0.00	0.0	1.217	0.000	0	0	0	29
PD.372-B	PD.372-A	A	Closed	7.52Y	125.4	0.00	0.63	12.74	0	89	35	93	0.00	0.0	1.217	0.000	0	0	0	29
PL.11126	PD.372-B	A	4ACSR	7.52Y	125.3	0.03	0.66	12.74	11	89	35	93	0.02	0.0	1.268	0.051	0	0	0	29
PL.11127	PL.11126	A	4ACSR	7.52Y	125.3	0.01	0.68	12.74	11	89	35	93	0.01	0.0	1.292	0.024	0	0	0	29
PL.11132	PL.11127	A	4ACSR	7.52Y	125.3	0.03	0.71	12.37	10	87	34	93	0.02	0.0	1.353	0.060	0	0	0	27
PD.2657	PL.11132	A	35E	7.52Y	125.3	0.00	0.71	12.37	35	87	34	93	0.00	0.0	1.353	0.000	0	0	0	27
PL.11133	PD.2657	A	4ACSR	7.52Y	125.3	0.02	0.73	12.37	10	87	34	93	0.01	0.0	1.388	0.035	0	0	0	27
PL.11128	PL.11133	A	4ACSR	7.51Y	125.1	0.13	0.86	6.89	6	48	19	93	0.05	0.1	1.795	0.407	0	0	0	18
PL.11141	PL.11128	A	4ACSR	7.51Y	125.1	0.00	0.86	2.32	2	16	6	94	0.00	0.0	1.802	0.008	0	0	0	7
PD.1464	PL.11141	A	fuse6AMP	7.51Y	125.1	0.00	0.86	2.32	40	16	6	94	0.00	0.0	1.802	0.000	0	0	0	7
PL.11142	PD.1464	A	4ACSR	7.51Y	125.1	0.01	0.87	2.32	2	16	6	94	0.00	0.0	1.920	0.117	0	0	0	7
PL.11136	PL.11142	A	4ACSR	7.51Y	125.1	0.01	0.88	1.85	2	13	5	93	0.00	0.0	1.996	0.077	0	0	0	6
PL.11137	PL.11136	A	4ACSR	7.51Y	125.1	0.00	0.88	1.85	2	13	5	93	0.00	0.0	2.025	0.028	0	0	0	6
PL.22888	PL.11137	A	4ACSR	7.51Y	125.1	0.00	0.89	0.42	0	3	1	95	0.00	0.0	2.124	0.099	0	0	0	2
445531	PL.22888	A	Consumer	7.51Y	125.1	0.00	0.89	0.25	0	2	1	89	0.00	0.0	2.124	0.000	2	1	1	1
445526	PL.22888	A	Consumer	7.51Y	125.1	0.00	0.89	0.17	0	1	0	100	0.00	0.0	2.124	0.000	1	0	1	1
PL.11138	PL.11137	A	4ACSR	7.51Y	125.1	0.01	0.89	1.42	1	10	4	93	0.00	0.0	2.116	0.092	0	0	0	4
445543	PL.11138	A	Consumer	7.51Y	125.1	0.00	0.89	0.70	0	5	2	93	0.00	0.0	2.116	0.000	5	2	1	1
445515	PL.11138	A	Consumer	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	2.116	0.000	0	0	0	0
445522	PL.11138	A	Consumer	7.51Y	125.1	0.00	0.89	0.27	0	2	1	89	0.00	0.0	2.116	0.000	2	1	1	1
445524	PL.11138	A	Consumer	7.51Y	125.1	0.00	0.89	0.14	0	1	0	100	0.00	0.0	2.116	0.000	1	0	1	1
445521	PL.11138	A	Consumer	7.51Y	125.1	0.00	0.89	0.32	0	2	1	89	0.00	0.0	2.116	0.000	2	1	1	1
PL.22896	PL.11142	A	4ACSR	7.51Y	125.1	0.00	0.88	0.47	0	3	1	95	0.00	0.0	1.980	0.060	0	0	0	1
445549	PL.22896	A	Consumer	7.51Y	125.1	0.00	0.88	0.47	0	3	1	95	0.00	0.0	1.980	0.000	3	1	1	1
PL.11139	PL.11128	A	4ACSR	7.51Y	125.1	0.00	0.87	3.96	3	28	11	93	0.00	0.0	1.820	0.025	0	0	0	10
PL.22467	PL.11139	A	4ACSR	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	1.828	0.008	0	0	0	0
PD.1466	PL.22467	A	fuse6AMP	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	1.828	0.000	0	0	0	0
PL.22468	PD.1466	A	4ACSR	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	1.922	0.093	0	0	0	0
445507	PL.22468	A	Consumer	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	1.922	0.000	0	0	0	0
PL.11140	PL.11139	A	4ACSR	7.51Y	125.1	0.02	0.88	3.96	3	28	11	93	0.00	0.0	1.924	0.104	0	0	0	10
PL.6445	PL.11140	A	4ACSR	7.51Y	125.1	0.01	0.89	3.49	3	24	9	94	0.00	0.0	1.960	0.036	0	0	0	7
PL.6914	PL.6445	A	4ACSR	7.51Y	125.1	0.01	0.90	3.49	3	24	9	94	0.00	0.0	1.999	0.039	0	0	0	7
444532	PL.6914	A	Consumer	7.51Y	125.1	0.00	0.90	0.30	0	2	1	89	0.00	0.0	1.999	0.000	2	1	1	1
PL.41196	PL.6914	A	4ACSR	7.51Y	125.1	0.02	0.91	3.20	3	22	9	93	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\SUMMER\PROPOSED SUMMER 06-10 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.41197	PL.41196	A	4ACSR	7.50Y	125.1	0.02	0.93	3.20	3	22	9	93	0.00	0.0	2.221	0.116	0	0	0	6
PL.10853	PL.41197	A	4ACSR	7.50Y	125.1	0.01	0.93	3.20	3	22	9	93	0.00	0.0	2.257	0.036	0	0	0	6
PL.10854	PL.10853	A	4ACSR	7.50Y	125.1	0.00	0.94	2.61	2	18	7	93	0.00	0.0	2.298	0.041	0	0	0	5
PL.6908	PL.10854	A	4ACSR	7.50Y	125.1	0.00	0.94	1.64	1	11	4	94	0.00	0.0	2.360	0.063	0	0	0	3
444521	PL.6908	A	Consumer	7.50Y	125.1	0.00	0.94	0.96	0	7	3	92	0.00	0.0	2.360	0.000	7	3	1	1
PL.6909	PL.6908	A	4ACSR	7.50Y	125.1	0.00	0.95	0.68	1	5	2	93	0.00	0.0	2.416	0.056	0	0	0	2
444512	PL.6909	A	Consumer	7.50Y	125.1	0.00	0.95	0.68	0	5	2	93	0.00	0.0	2.416	0.000	5	2	1	1
PL.6910	PL.6909	A	4ACSR	7.50Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	2.468	0.052	0	0	0	1
444518	PL.6910	A	Consumer	7.50Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	2.468	0.000	0	0	1	1
444507	PL.10854	A	Consumer	7.50Y	125.1	0.00	0.94	0.62	0	4	2	89	0.00	0.0	2.298	0.000	4	2	1	1
444524	PL.10854	A	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	2.298	0.000	0	0	0	0
444508	PL.10854	A	Consumer	7.50Y	125.1	0.00	0.94	0.35	0	2	1	89	0.00	0.0	2.298	0.000	2	1	1	1
PL.10855	PL.10853	A	4ACSR	7.50Y	125.1	0.00	0.93	0.59	0	4	2	89	0.00	0.0	2.267	0.009	0	0	0	1
PD.1426	PL.10855	A	fuse6AMP	7.50Y	125.1	0.00	0.93	0.59	10	4	2	89	0.00	0.0	2.267	0.000	0	0	0	1
PL.10856	PD.1426	A	4ACSR	7.50Y	125.1	0.00	0.94	0.59	0	4	2	89	0.00	0.0	2.304	0.037	0	0	0	1
444535	PL.10856	A	Consumer	7.50Y	125.1	0.00	0.94	0.59	0	4	2	89	0.00	0.0	2.304	0.000	4	2	1	1
PL.41195	PL.41196	A	2ACSR	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	2.159	0.054	0	0	0	0
4445037	PL.41195	A	Consumer	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	2.159	0.000	0	0	0	0
445541	PL.11140	A	Consumer	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	1.924	0.000	0	0	1	1
445518	PL.11140	A	Consumer	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	1.924	0.000	0	0	1	1
445527	PL.11140	A	Consumer	7.51Y	125.1	0.00	0.88	0.47	0	3	1	95	0.00	0.0	1.924	0.000	3	1	1	1
PL.22465	PL.11128	A	4ACSR	7.51Y	125.1	0.00	0.86	0.61	1	4	2	89	0.00	0.0	1.801	0.006	0	0	0	1
PD.1465	PL.22465	A	fuse6AMP	7.51Y	125.1	0.00	0.86	0.61	10	4	2	89	0.00	0.0	1.801	0.000	0	0	0	1
PL.22466	PD.1465	A	4ACSR	7.51Y	125.1	0.00	0.86	0.61	1	4	2	89	0.00	0.0	1.834	0.033	0	0	0	1
445550	PL.22466	A	Consumer	7.51Y	125.1	0.00	0.86	0.61	0	4	2	89	0.00	0.0	1.834	0.000	4	2	1	1
PL.11129	PL.11133	A	4ACSR	7.52Y	125.3	0.00	0.74	5.49	5	38	15	93	0.00	0.0	1.399	0.011	0	0	0	9
C PD.1463	PL.11129	A	fuse6AMP	7.52Y	125.3	0.00	0.74	5.49	94	38	15	93	0.00	0.0	1.399	0.000	0	0	0	9 C
PL.11130	PD.1463	A	4ACSR	7.52Y	125.3	0.01	0.75	5.49	5	38	15	93	0.00	0.0	1.446	0.048	0	0	0	9
PL.11131	PL.11130	A	4ACSR	7.51Y	125.2	0.00	0.75	0.71	1	5	2	93	0.00	0.0	1.523	0.076	0	0	0	1
PL.6446	PL.11131	A	4ACSR	7.51Y	125.2	0.00	0.75	0.00	0	0	0	100	0.00	0.0	1.523	0.000	0	0	0	0
445545	PL.11131	A	Consumer	7.51Y	125.2	0.00	0.75	0.71	0	5	2	93	0.00	0.0	1.523	0.000	5	2	1	1
PL.36530	PL.11130	A	4ACSR	7.51Y	125.2	0.02	0.77	4.23	4	30	11	94	0.01	0.0	1.566	0.119	0	0	0	7
PL.36529	PL.36530	A	2ACSR	7.51Y	125.2	0.00	0.77	0.38	0	3	1	95	0.00	0.0	1.602	0.036	0	0	0	1
4455058	PL.36529	A	Consumer	7.51Y	125.2	0.00	0.77	0.38	0	3	1	95	0.00	0.0	1.602	0.000	3	1	1	1
PL.36531	PL.36530	A	4ACSR	7.51Y	125.2	0.01	0.78	3.85	3	27	10	94	0.00	0.0	1.604	0.038	0	0	0	6
PL.34619	PL.36531	A	4ACSR	7.51Y	125.2	0.00	0.78	1.51	1	11	4	94	0.00	0.0	1.658	0.054	0	0	0	2
PL.34618	PL.34619	A	2ACSR	7.51Y	125.2	0.00	0.78	0.29	0	2	1	89	0.00	0.0	1.693	0.035	0	0	0	1
4455055	PL.34618	A	Consumer	7.51Y	125.2	0.00	0.78	0.29	0	2	1	89	0.00	0.0	1.693	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.4455067, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 (BLEVAL1) beginning with Device PD.2459.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.25905, 444665, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 elements like PD.350-A, PD.350-B, PL.44215, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.9714, PL.10508, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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.11054	PL.20922	A	4ACSR	14.99Y	124.9	0.00	1.07	3.62	3	51	20	93	0.00	0.0	2.329	0.005	0	0	0	13
PD.2454	PL.11054	A	25V4E	14.99Y	124.9	0.00	1.07	3.62	14	51	20	93	0.00	0.0	2.329	0.000	0	0	0	13
PL.11055	PD.2454	A	4ACSR	14.99Y	124.9	0.00	1.08	3.62	3	51	20	93	0.00	0.0	2.371	0.042	0	0	0	13
PL.6788	PL.11055	A	4ACSR	14.99Y	124.9	0.01	1.08	3.05	3	43	17	93	0.00	0.0	2.477	0.105	0	0	0	12
442601	PL.6788	A	Consumer	14.99Y	124.9	0.00	1.08	0.15	0	2	1	89	0.00	0.0	2.477	0.000	2	1	1	1
PL.25705	PL.6788	A	4ACSR	14.99Y	124.9	0.01	1.09	2.32	2	32	13	93	0.00	0.0	2.587	0.110	0	0	0	7
PL.22233	PL.25705	A	4ACSR	14.99Y	124.9	0.00	1.09	0.62	1	9	3	95	0.00	0.0	2.616	0.029	0	0	0	1
PD.1230	PL.22233	A	fuse6AMP	14.99Y	124.9	0.00	1.09	0.62	11	9	3	95	0.00	0.0	2.616	0.000	0	0	0	1
PL.22234	PD.1230	A	4ACSR	14.99Y	124.9	0.00	1.09	0.62	1	9	3	95	0.00	0.0	2.633	0.018	0	0	0	1
PL.23368	PL.22234	A	4ACSR	14.99Y	124.9	0.01	1.10	0.62	1	9	3	95	0.00	0.0	3.050	0.417	0	0	0	1
PL.28388	PL.23368	A	4ACSR	14.99Y	124.9	0.00	1.10	0.62	1	9	3	95	0.00	0.0	3.200	0.150	0	0	0	1
442515	PL.28388	A	Consumer	14.99Y	124.9	0.00	1.10	0.62	0	9	3	95	0.00	0.0	3.200	0.000	9	3	1	1
PL.28389	PL.28388	A	4ACSR	14.99Y	124.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	3.249	0.049	0	0	0	0
PL.23369	PL.28389	A	4ACSR	14.99Y	124.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	3.338	0.088	0	0	0	0
442533	PL.23369	A	Consumer	14.99Y	124.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	3.338	0.000	0	0	0	0
PL.46072	PL.23369	A	2ACSR	14.99Y	124.9	0.00	1.10	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	14.99Y	124.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	3.356	0.000	0	0	0	0
PL.25706	PL.25705	A	4ACSR	14.99Y	124.9	0.01	1.10	1.69	1	24	9	94	0.00	0.0	2.766	0.179	0	0	0	6
PL.25707	PL.25706	A	4ACSR	14.99Y	124.9	0.01	1.10	1.69	1	24	9	94	0.00	0.0	2.991	0.225	0	0	0	6
442616	PL.25707	A	Consumer	14.99Y	124.9	0.00	1.10	0.25	0	3	1	95	0.00	0.0	2.991	0.000	3	1	1	1
442629	PL.25707	A	Consumer	14.99Y	124.9	0.00	1.10	0.01	0	0	0	100	0.00	0.0	2.991	0.000	0	0	1	1
PL.12466	PL.25707	A	4ACSR	14.99Y	124.9	0.01	1.11	1.44	1	20	8	93	0.00	0.0	3.182	0.191	0	0	0	4
PL.20528	PL.12466	A	4ACSR	14.99Y	124.9	0.00	1.11	0.60	1	8	3	94	0.00	0.0	3.190	0.008	0	0	0	2
PD.972	PL.20528	A	fuse6AMP	14.99Y	124.9	0.00	1.11	0.60	10	8	3	94	0.00	0.0	3.190	0.000	0	0	0	2
PL.20527	PD.972	A	4ACSR	14.99Y	124.9	0.00	1.11	0.60	1	8	3	94	0.00	0.0	3.210	0.020	0	0	0	2
442604	PL.20527	A	Consumer	14.99Y	124.9	0.00	1.11	0.53	0	7	3	92	0.00	0.0	3.210	0.000	7	3	1	1
442626	PL.20527	A	Consumer	14.99Y	124.9	0.00	1.11	0.07	0	1	0	100	0.00	0.0	3.210	0.000	1	0	1	1
PL.12467	PL.12466	A	4ACSR	14.99Y	124.9	0.00	1.11	0.84	1	12	5	92	0.00	0.0	3.300	0.118	0	0	0	2
PL.25704	PL.12467	A	4ACSR	14.99Y	124.9	0.00	1.11	0.32	0	4	2	89	0.00	0.0	3.495	0.195	0	0	0	1
442615	PL.25704	A	Consumer	14.99Y	124.9	0.00	1.11	0.32	0	4	2	89	0.00	0.0	3.495	0.000	4	2	1	1
4426033	PL.25704	A	Consumer	14.99Y	124.9	0.00	1.11	0.00	0	0	0	100	0.00	0.0	3.495	0.000	0	0	0	0
PL.20529	PL.12467	A	4ACSR	14.99Y	124.9	0.00	1.11	0.53	0	7	3	92	0.00	0.0	3.322	0.021	0	0	0	1
PD.973	PL.20529	A	fuse6AMP	14.99Y	124.9	0.00	1.11	0.53	9	7	3	92	0.00	0.0	3.322	0.000	0	0	0	1
PL.20530	PD.973	A	4ACSR	14.99Y	124.9	0.00	1.11	0.53	0	7	3	92	0.00	0.0	3.421	0.099	0	0	0	1
4426032	PL.20530	A	Consumer	14.99Y	124.9	0.00	1.11	0.53	0	7	3	92	0.00	0.0	3.421	0.000	7	3	1	1
PL.12464	PL.25706	A	4ACSR	14.99Y	124.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	2.786	0.020	0	0	0	0
PD.1231	PL.12464	A	fuse6AMP	14.99Y	124.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	2.786	0.000	0	0	0	0
PL.12465	PD.1231	A	4ACSR	14.99Y	124.9	0.00	1.10	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

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Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units (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 elements like PL.24008, PL.24007, 442531, 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: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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						
442430	PL.25993	A	Consumer	14.87Y	123.9	0.00	2.10	0.05	0	1	0	100	0.00	0.0	4.845	0.000	1	0	1	1
PL.28016	PL.25993	A	4ACSR	14.87Y	123.9	0.01	2.11	8.08	7	112	44	93	0.01	0.0	4.899	0.053	0	0	0	40
PL.28017	PL.28016	A	4ACSR	14.87Y	123.9	0.01	2.12	7.69	6	107	41	93	0.01	0.0	4.959	0.061	0	0	0	38
C PD.1075	PL.28017	A	fuse6AMP	14.87Y	123.9	0.00	2.12	7.69	131	107	41	93	0.00	0.0	4.959	0.000	0	0	0	38 C
PL.11075	PD.1075	A	4ACSR	14.87Y	123.9	0.00	2.12	7.69	6	107	41	93	0.00	0.0	4.965	0.005	0	0	0	38
PL.11074	PL.11075	A	4ACSR	14.87Y	123.9	0.00	2.12	3.65	3	51	20	93	0.00	0.0	4.973	0.008	0	0	0	18
PD.1099	PL.11074	A	fuse6AMP	14.87Y	123.9	0.00	2.12	3.65	62	51	20	93	0.00	0.0	4.973	0.000	0	0	0	18
PL.11076	PD.1099	A	4ACSR	14.86Y	123.9	0.01	2.13	3.65	3	51	20	93	0.01	0.0	5.137	0.165	0	0	0	18
442410	PL.11076	A	Consumer	14.86Y	123.9	0.00	2.13	0.32	0	4	2	89	0.00	0.0	5.137	0.000	4	2	1	1
PL.11077	PL.11076	A	4ACSR	14.86Y	123.9	0.00	2.13	3.33	3	46	18	93	0.00	0.0	5.142	0.004	0	0	0	17
PD.2466	PL.11077	A	25V4E	14.86Y	123.9	0.00	2.13	3.33	13	46	18	93	0.00	0.0	5.142	0.000	0	0	0	17
4424045	PD.2466	A	Consumer	14.86Y	123.9	0.00	2.13	0.43	0	6	2	95	0.00	0.0	5.142	0.000	6	2	1	1
PL.11078	PD.2466	A	4ACSR	14.86Y	123.9	0.00	2.14	2.90	2	40	16	93	0.00	0.0	5.213	0.071	0	0	0	16
441410	PL.11078	A	Consumer	14.86Y	123.9	0.00	2.14	0.18	0	2	1	89	0.00	0.0	5.213	0.000	2	1	1	1
PL.11080	PL.11078	A	4ACSR	14.86Y	123.9	0.00	2.14	2.06	2	28	11	93	0.00	0.0	5.217	0.005	0	0	0	11
PD.360-A	PL.11080	A	Closed	14.86Y	123.9	0.00	2.14	2.06	0	28	11	93	0.00	0.0	5.217	0.000	0	0	0	11
PD.360-B	PD.360-A	A	Closed	14.86Y	123.9	0.00	2.14	2.06	0	28	11	93	0.00	0.0	5.217	0.000	0	0	0	11
PL.11081	PD.360-B	A	4ACSR	14.86Y	123.9	0.00	2.14	2.06	2	28	11	93	0.00	0.0	5.288	0.071	0	0	0	11
PL.22814	PL.11081	A	4ACSR	14.86Y	123.9	0.00	2.14	0.00	0	0	0	100	0.00	0.0	5.295	0.007	0	0	0	0
PD.1235	PL.22814	A	fuse6AMP	14.86Y	123.9	0.00	2.14	0.00	0	0	0	100	0.00	0.0	5.295	0.000	0	0	0	0
PL.22306	PD.1235	A	4ACSR	14.86Y	123.9	0.00	2.14	0.00	0	0	0	100	0.00	0.0	5.345	0.050	0	0	0	0
PL.28366	PL.22306	A	4ACSR	14.86Y	123.9	0.00	2.14	0.00	0	0	0	100	0.00	0.0	5.424	0.079	0	0	0	0
PL.11079	PL.11081	A	4ACSR	14.86Y	123.9	0.00	2.14	2.06	2	28	11	93	0.00	0.0	5.365	0.077	0	0	0	11
441403	PL.11079	A	Consumer	14.86Y	123.9	0.00	2.14	0.06	0	1	0	100	0.00	0.0	5.365	0.000	1	0	1	1
441404	PL.11079	A	Consumer	14.86Y	123.9	0.00	2.14	0.10	0	1	1	71	0.00	0.0	5.365	0.000	1	1	1	1
PL.11082	PL.11079	A	4ACSR	14.86Y	123.9	0.00	2.15	1.90	2	26	10	93	0.00	0.0	5.459	0.094	0	0	0	9
PD.1418	PL.11082	A	fuse6AMP	14.86Y	123.9	0.00	2.15	1.90	32	26	10	93	0.00	0.0	5.459	0.000	0	0	0	9
PL.32759	PD.1418	A	4ACSR	14.86Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	5.731	0.273	0	0	0	0
4414003	PL.32759	A	Consumer	14.86Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	5.731	0.000	0	0	0	0
PL.14810	PD.1418	A	4ACSR	14.86Y	123.8	0.01	2.16	1.42	1	20	8	93	0.00	0.0	5.754	0.295	0	0	0	8
PD.3053-A	PL.14810	A	Closed	14.86Y	123.8	0.00	2.16	1.42	0	20	8	93	0.00	0.0	5.754	0.000	0	0	0	8
PD.3053-B	PD.3053-A	A	Closed	14.86Y	123.8	0.00	2.16	1.42	0	20	8	93	0.00	0.0	5.754	0.000	0	0	0	8
PL.14811	PD.3053-B	A	4ACSR	14.86Y	123.8	0.01	2.17	1.42	1	20	8	93	0.00	0.0	6.038	0.284	0	0	0	8
PL.22307	PL.14811	A	4ACSR	14.86Y	123.8	0.00	2.17	0.20	0	3	1	95	0.00	0.0	6.048	0.010	0	0	0	2
PD.1419	PL.22307	A	fuse6AMP	14.86Y	123.8	0.00	2.17	0.20	3	3	1	95	0.00	0.0	6.048	0.000	0	0	0	2
PL.22308	PD.1419	A	4ACSR	14.86Y	123.8	0.00	2.17	0.20	0	3	1	95	0.00	0.0	6.105	0.056	0	0	0	2
PL.28356	PL.22308	A	4ACSR	14.86Y	123.8	0.00	2.17	0.20	0	3	1	95	0.00	0.0	6.184	0.080	0	0	0	2
441409	PL.28356	A	Consumer	14.86Y	123.8	0.00	2.17	0.01	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\SUMMER\PROPOSED SUMMER 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.23305	PL.28356	A	4ACSR	14.86Y	123.8	0.00	2.17	0.19	0	3	1	95	0.00	0.0	6.249	0.065	0	0	0	1
PL.23306	PL.23305	A	4ACSR	14.86Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	6.263	0.014	0	0	0	0
441412	PL.23305	A	Consumer	14.86Y	123.8	0.00	2.17	0.19	0	3	1	95	0.00	0.0	6.249	0.000	3	1	1	1
PL.28357	PL.22308	A	4ACSR	14.86Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	6.129	0.024	0	0	0	0
PL.11083	PL.14811	A	4ACSR	14.86Y	123.8	0.00	2.17	1.23	1	17	7	92	0.00	0.0	6.052	0.014	0	0	0	6
PD.365-A	PL.11083	A	Closed	14.86Y	123.8	0.00	2.17	1.23	0	17	7	92	0.00	0.0	6.052	0.000	0	0	0	6
PD.365-B	PD.365-A	A	Closed	14.86Y	123.8	0.00	2.17	1.23	0	17	7	92	0.00	0.0	6.052	0.000	0	0	0	6
PL.11084	PD.365-B	A	4ACSR	14.86Y	123.8	0.02	2.18	1.23	1	17	7	92	0.00	0.0	6.604	0.552	0	0	0	6
440402	PL.11084	A	Consumer	14.86Y	123.8	0.00	2.18	0.47	0	6	3	89	0.00	0.0	6.604	0.000	6	3	1	1
440418	PL.11084	A	Consumer	14.86Y	123.8	0.00	2.18	0.05	0	1	0	100	0.00	0.0	6.604	0.000	1	0	1	1
PL.11086	PL.11084	A	4ACSR	14.86Y	123.8	0.00	2.18	0.71	1	10	4	93	0.00	0.0	6.610	0.006	0	0	0	4
PD.366-A	PL.11086	A	Closed	14.86Y	123.8	0.00	2.18	0.71	0	10	4	93	0.00	0.0	6.610	0.000	0	0	0	4
PD.366-B	PD.366-A	A	Closed	14.86Y	123.8	0.00	2.18	0.71	0	10	4	93	0.00	0.0	6.610	0.000	0	0	0	4
PL.11087	PD.366-B	A	4ACSR	14.86Y	123.8	0.00	2.18	0.71	1	10	4	93	0.00	0.0	6.669	0.059	0	0	0	4
PL.11085	PL.11087	A	4ACSR	14.86Y	123.8	0.00	2.19	0.71	1	10	4	93	0.00	0.0	6.913	0.244	0	0	0	4
PL.11088	PL.11085	A	4ACSR	14.86Y	123.8	0.00	2.19	0.50	0	7	3	92	0.00	0.0	7.007	0.094	0	0	0	3
PL.11090	PL.11088	A	4ACSR	14.86Y	123.8	0.00	2.19	0.34	0	5	2	93	0.00	0.0	7.023	0.016	0	0	0	2
PD.1421	PL.11090	A	fuse6AMP	14.86Y	123.8	0.00	2.19	0.34	6	5	2	93	0.00	0.0	7.023	0.000	0	0	0	2
PL.11089	PD.1421	A	4ACSR	14.86Y	123.8	0.00	2.19	0.34	0	5	2	93	0.00	0.0	7.188	0.166	0	0	0	2
PL.8595	PL.11089	A	4ACSR	14.86Y	123.8	0.00	2.19	0.34	0	5	2	93	0.00	0.0	7.252	0.064	0	0	0	2
440415	PL.8595	A	Consumer	14.86Y	123.8	0.00	2.19	0.03	0	0	0	100	0.00	0.0	7.252	0.000	0	0	1	1
440419	PL.8595	A	Consumer	14.86Y	123.8	0.00	2.19	0.32	0	4	2	89	0.00	0.0	7.252	0.000	4	2	1	1
440417	PL.8595	A	Consumer	14.86Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	7.252	0.000	0	0	0	0
PL.11091	PL.11088	A	4ACSR	14.86Y	123.8	0.00	2.19	0.16	0	2	1	89	0.00	0.0	7.282	0.275	0	0	0	1
PD.1422	PL.11091	A	fuse6AMP	14.86Y	123.8	0.00	2.19	0.16	3	2	1	89	0.00	0.0	7.282	0.000	0	0	0	1
PL.11092	PD.1422	A	4ACSR	14.86Y	123.8	0.00	2.19	0.16	0	2	1	89	0.00	0.0	7.307	0.025	0	0	0	1
PL.11093	PL.11092	A	4ACSR	14.86Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	7.636	0.329	0	0	0	0
PL.1800	PL.11093	A	4ACSR	14.86Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	7.808	0.172	0	0	0	0
PL.11094	PL.11093	A	4ACSR	14.86Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	7.720	0.083	0	0	0	0
PL.1801	PL.11092	A	4ACSR	14.86Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	7.308	0.000	0	0	0	0
PL.1802	PL.11092	A	4ACSR	14.86Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	7.312	0.004	0	0	0	0
PL.27498	PL.11092	A	4ACSR	14.86Y	123.8	0.00	2.19	0.16	0	2	1	89	0.00	0.0	7.370	0.063	0	0	0	1
440416	PL.27498	A	Consumer	14.86Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	7.370	0.000	0	0	0	0
440404	PL.27498	A	Consumer	14.86Y	123.8	0.00	2.19	0.16	0	2	1	89	0.00	0.0	7.370	0.000	2	1	1	1
440403	PL.11085	A	Consumer	14.86Y	123.8	0.00	2.19	0.20	0	3	1	95	0.00	0.0	6.913	0.000	3	1	1	1
PL.22309	PL.11087	A	4ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	6.687	0.017	0	0	0	0
PD.1420	PL.22309	A	fuse6AMP	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	6.687	0.000	0	0	0	0
PL.22459	PD.1420	A	4ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	6.747	0.060	0	0	0	0

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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 %	Thru KW	KVAR	% PF	kW Loss	% Loss		Length (mi)	KW			KVAR	
PL.25998	PL.25997	A	4ACSR	14.86Y	123.9	0.01	2.14	2.97	2	41	16	93	0.00	0.0	5.342	0.119	0	0	0	12
442431	PL.25998	A	Consumer	14.86Y	123.9	0.00	2.14	0.20	0	3	1	95	0.00	0.0	5.342	0.000	3	1	1	1
PL.11060	PL.25998	A	4ACSR	14.86Y	123.9	0.01	2.15	2.77	2	38	15	93	0.00	0.0	5.422	0.079	0	0	0	11
PL.22808	PL.11060	A	4ACSR	14.86Y	123.9	0.00	2.15	0.18	0	2	1	89	0.00	0.0	5.434	0.013	0	0	0	1
PD.1100	PL.22808	A	fuse6AMP	14.86Y	123.9	0.00	2.15	0.18	3	2	1	89	0.00	0.0	5.434	0.000	0	0	0	1
PL.22809	PD.1100	A	4ACSR	14.86Y	123.9	0.00	2.15	0.18	0	2	1	89	0.00	0.0	5.497	0.063	0	0	0	1
442435	PL.22809	A	Consumer	14.86Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	5.497	0.000	0	0	0	0
442416	PL.22809	A	Consumer	14.86Y	123.9	0.00	2.15	0.18	0	2	1	89	0.00	0.0	5.497	0.000	2	1	1	1
PL.11061	PL.11060	A	4ACSR	14.86Y	123.8	0.00	2.15	2.12	2	29	11	93	0.00	0.0	5.496	0.074	0	0	0	9
PL.22810	PL.11061	A	4ACSR	14.86Y	123.8	0.00	2.15	0.00	0	0	0	100	0.00	0.0	5.504	0.008	0	0	0	0
PD.1233	PL.22810	A	fuse6AMP	14.86Y	123.8	0.00	2.15	0.00	0	0	0	100	0.00	0.0	5.504	0.000	0	0	0	0
PL.22811	PD.1233	A	4ACSR	14.86Y	123.8	0.00	2.15	0.00	0	0	0	100	0.00	0.0	5.534	0.030	0	0	0	0
PL.11062	PL.11061	A	4ACSR	14.86Y	123.8	0.00	2.16	2.12	2	29	11	93	0.00	0.0	5.553	0.057	0	0	0	9
442510	PL.11062	A	Consumer	14.86Y	123.8	0.00	2.16	0.24	0	3	1	95	0.00	0.0	5.553	0.000	3	1	1	1
PL.11063	PL.11062	A	4ACSR	14.86Y	123.8	0.01	2.16	1.87	2	26	10	93	0.00	0.0	5.681	0.128	0	0	0	8
442502	PL.11063	A	Consumer	14.86Y	123.8	0.00	2.16	0.41	0	6	2	95	0.00	0.0	5.681	0.000	6	2	1	1
PL.11066	PL.11063	A	4ACSR	14.86Y	123.8	0.00	2.16	1.46	1	20	8	93	0.00	0.0	5.780	0.099	0	0	0	7
PD.1232	PL.11066	A	fuse6AMP	14.86Y	123.8	0.00	2.16	1.46	25	20	8	93	0.00	0.0	5.780	0.000	0	0	0	7
PL.11067	PD.1232	A	4ACSR	14.86Y	123.8	0.00	2.16	1.46	1	20	8	93	0.00	0.0	5.794	0.014	0	0	0	7
PL.11068	PL.11067	A	4ACSR	14.86Y	123.8	0.00	2.17	1.12	1	16	6	94	0.00	0.0	5.905	0.112	0	0	0	5
PL.11069	PL.11068	A	4ACSR	14.86Y	123.8	0.00	2.17	0.82	1	11	4	94	0.00	0.0	5.919	0.013	0	0	0	3
PL.11070	PL.11069	A	4ACSR	14.86Y	123.8	0.00	2.17	0.82	1	11	4	94	0.00	0.0	5.935	0.017	0	0	0	3
442527	PL.11070	A	Consumer	14.86Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	5.935	0.000	0	0	0	0
PL.11071	PL.11070	A	4ACSR	14.86Y	123.8	0.00	2.17	0.82	1	11	4	94	0.00	0.0	5.962	0.027	0	0	0	3
PL.11072	PL.11071	A	4ACSR	14.86Y	123.8	0.00	2.17	0.43	0	6	2	95	0.00	0.0	6.046	0.084	0	0	0	2
442519	PL.11072	A	Consumer	14.86Y	123.8	0.00	2.17	0.18	0	3	1	95	0.00	0.0	6.046	0.000	3	1	1	1
PL.11073	PL.11072	A	4ACSR	14.86Y	123.8	0.00	2.17	0.25	0	3	1	95	0.00	0.0	6.171	0.125	0	0	0	1
442505	PL.11073	A	Consumer	14.86Y	123.8	0.00	2.17	0.25	0	3	1	95	0.00	0.0	6.171	0.000	3	1	1	1
PL.46071	PL.11073	A	2ACSR	14.86Y	123.8	0.00	2.17	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	14.86Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	6.259	0.000	0	0	0	0
442514	PL.11071	A	Consumer	14.86Y	123.8	0.00	2.17	0.39	0	5	2	93	0.00	0.0	5.962	0.000	5	2	1	1
442504	PL.11071	A	Consumer	14.86Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	5.962	0.000	0	0	0	0
442525	PL.11068	A	Consumer	14.86Y	123.8	0.00	2.17	0.26	0	4	1	97	0.00	0.0	5.905	0.000	4	1	1	1
442517	PL.11068	A	Consumer	14.86Y	123.8	0.00	2.17	0.04	0	1	0	100	0.00	0.0	5.905	0.000	1	0	1	1
PL.28370	PL.11067	A	4ACSR	14.86Y	123.8	0.00	2.17	0.34	0	5	2	93	0.00	0.0	5.875	0.081	0	0	0	2
442513	PL.28370	A	Consumer	14.86Y	123.8	0.00	2.17	0.34	0	5	2	93	0.00	0.0	5.875	0.000	5	2	1	1
442518	PL.28370	A	Consumer	14.86Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	5.875	0.000	0	0	1	1
PL.11064	PL.11062	A	4ACSR	14.86Y	123.8	0.00	2.16	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\SUMMER\PROPOSED SUMMER 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
PD.1101	PL.11064	A	fuse6AMP	14.86Y	123.8	0.00	2.16	0.00	0	0	0	100	0.00	0.0	5.562	0.000	0	0	0	0
PL.11065	PD.1101	A	4ACSR	14.86Y	123.8	0.00	2.16	0.00	0	0	0	100	0.00	0.0	5.639	0.077	0	0	0	0
442503	PL.11065	A	Consumer	14.86Y	123.8	0.00	2.16	0.00	0	0	0	100	0.00	0.0	5.639	0.000	0	0	0	0
PL.37755	PL.11060	A	2ACSR	14.86Y	123.9	0.00	2.15	0.47	0	7	3	92	0.00	0.0	5.478	0.057	0	0	0	1
4424043	PL.37755	A	Consumer	14.86Y	123.9	0.00	2.15	0.47	0	7	3	92	0.00	0.0	5.478	0.000	7	3	1	1
442427	PL.25997	A	Consumer	14.86Y	123.9	0.00	2.14	0.00	0	0	0	100	0.00	0.0	5.223	0.000	0	0	0	0
442429	PL.25997	A	Consumer	14.86Y	123.9	0.00	2.14	0.00	0	0	0	100	0.00	0.0	5.223	0.000	0	0	0	0
442425	PL.25994	A	Consumer	14.86Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	5.102	0.000	0	0	1	1
442420	PL.25994	A	Consumer	14.86Y	123.9	0.00	2.13	0.14	0	2	1	89	0.00	0.0	5.102	0.000	2	1	1	1
442415	PL.11075	A	Consumer	14.87Y	123.9	0.00	2.12	0.31	0	4	2	89	0.00	0.0	4.965	0.000	4	2	1	1
442433	PL.11075	A	Consumer	14.87Y	123.9	0.00	2.12	0.09	0	1	1	71	0.00	0.0	4.965	0.000	1	1	1	1
442417	PL.28016	A	Consumer	14.87Y	123.9	0.00	2.11	0.10	0	1	1	71	0.00	0.0	4.899	0.000	1	1	1	1
442428	PL.28016	A	Consumer	14.87Y	123.9	0.00	2.11	0.29	0	4	2	89	0.00	0.0	4.899	0.000	4	2	1	1
PL.27803	PL.25989	A	4ACSR	14.87Y	123.9	0.01	2.07	2.02	2	28	11	93	0.00	0.0	4.802	0.120	0	0	0	9
442407	PL.27803	A	Consumer	14.87Y	123.9	0.00	2.07	0.13	0	2	1	89	0.00	0.0	4.802	0.000	2	1	1	1
442408	PL.27803	A	Consumer	14.87Y	123.9	0.00	2.07	0.25	0	3	1	95	0.00	0.0	4.802	0.000	3	1	1	1
PL.27804	PL.27803	A	4ACSR	14.87Y	123.9	0.00	2.07	1.65	1	23	9	93	0.00	0.0	4.886	0.084	0	0	0	7
PD.363-A	PL.27804	A	Closed	14.87Y	123.9	0.00	2.07	1.65	0	23	9	93	0.00	0.0	4.886	0.000	0	0	0	7
PD.363-B	PD.363-A	A	Closed	14.87Y	123.9	0.00	2.07	1.65	0	23	9	93	0.00	0.0	4.886	0.000	0	0	0	7
PL.27642	PD.363-B	A	4ACSR	14.87Y	123.9	0.00	2.07	1.65	1	23	9	93	0.00	0.0	4.954	0.068	0	0	0	7
PL.12471	PL.27642	A	4ACSR	14.87Y	123.9	0.00	2.08	1.65	1	23	9	93	0.00	0.0	5.025	0.071	0	0	0	6
442436	PL.12471	A	Consumer	14.87Y	123.9	0.00	2.08	0.17	0	2	1	89	0.00	0.0	5.025	0.000	2	1	1	1
442401	PL.12471	A	Consumer	14.87Y	123.9	0.00	2.08	0.02	0	0	0	100	0.00	0.0	5.025	0.000	0	0	1	1
PL.12472	PL.12471	A	4ACSR	14.87Y	123.9	0.00	2.08	1.25	1	17	7	92	0.00	0.0	5.144	0.119	0	0	0	3
PL.6895	PL.12472	A	4ACSR	14.87Y	123.9	0.00	2.08	1.25	1	17	7	92	0.00	0.0	5.307	0.163	0	0	0	3
PL.12469	PL.6895	A	4ACSR	14.87Y	123.9	0.00	2.08	1.19	1	17	6	94	0.00	0.0	5.323	0.016	0	0	0	2
PD.361-A	PL.12469	A	Closed	14.87Y	123.9	0.00	2.08	1.19	0	17	6	94	0.00	0.0	5.323	0.000	0	0	0	2
PD.361-B	PD.361-A	A	Closed	14.87Y	123.9	0.00	2.08	1.19	0	17	6	94	0.00	0.0	5.323	0.000	0	0	0	2
PL.12470	PD.361-B	A	4ACSR	14.87Y	123.9	0.00	2.09	1.19	1	17	6	94	0.00	0.0	5.431	0.109	0	0	0	2
PL.24006	PL.12470	A	4ACSR	14.87Y	123.9	0.00	2.09	0.74	1	10	4	93	0.00	0.0	5.488	0.057	0	0	0	1
442325	PL.24006	A	Consumer	14.87Y	123.9	0.00	2.09	0.74	0	10	4	93	0.00	0.0	5.488	0.000	10	4	1	1
PL.12468	PL.12470	A	4ACSR	14.87Y	123.9	0.00	2.09	0.46	0	6	2	95	0.00	0.0	5.465	0.033	0	0	0	1
PL.6889	PL.12468	A	4ACSR	14.87Y	123.9	0.00	2.09	0.46	0	6	2	95	0.00	0.0	5.531	0.066	0	0	0	1
PL.6890	PL.6889	A	4ACSR	14.87Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	5.532	0.001	0	0	0	0
442323	PL.6889	A	Consumer	14.87Y	123.9	0.00	2.09	0.46	0	6	2	95	0.00	0.0	5.531	0.000	6	2	1	1
PL.24004	PL.6895	A	4ACSR	14.87Y	123.9	-0.00	2.08	0.05	0	1	0	100	0.00	0.0	5.307	0.000	0	0	0	1
PL.12473	PL.24004	A	4ACSR	14.87Y	123.9	0.00	2.08	0.05	0	1	0	100	0.00	0.0	5.537	0.230	0	0	0	1
442305	PL.12473	A	Consumer	14.87Y	123.9	0.00	2.08	0.05	0	1	0	100	0.00	0.0	5.537	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
PL.12474	PL.12473	A	4ACSR	14.87Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	5.685	0.148	0	0	0	0
PL.24009	PL.12471	A	4ACSR	14.87Y	123.9	0.00	2.08	0.21	0	3	1	95	0.00	0.0	5.094	0.069	0	0	0	1
442441	PL.24009	A	Consumer	14.87Y	123.9	0.00	2.08	0.21	0	3	1	95	0.00	0.0	5.094	0.000	3	1	1	1
442424	PL.27642	A	Consumer	14.87Y	123.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	4.954	0.000	0	0	1	1
PL.22806	PL.25989	A	4ACSR	14.87Y	123.9	0.00	2.06	1.10	1	15	6	93	0.00	0.0	4.691	0.009	0	0	0	4
PD.364-A	PL.22806	A	Closed	14.87Y	123.9	0.00	2.06	1.10	0	15	6	93	0.00	0.0	4.691	0.000	0	0	0	4
PD.364-B	PD.364-A	A	Closed	14.87Y	123.9	0.00	2.06	1.10	0	15	6	93	0.00	0.0	4.691	0.000	0	0	0	4
PL.22807	PD.364-B	A	4ACSR	14.87Y	123.9	0.00	2.06	1.10	1	15	6	93	0.00	0.0	4.779	0.088	0	0	0	4
PL.22804	PL.22807	A	4ACSR	14.87Y	123.9	0.00	2.07	1.10	1	15	6	93	0.00	0.0	4.856	0.077	0	0	0	4
PL.22805	PL.22804	A	4ACSR	14.87Y	123.9	0.00	2.07	0.69	1	10	4	93	0.00	0.0	4.884	0.028	0	0	0	3
PL.22803	PL.22805	A	4ACSR	14.87Y	123.9	0.00	2.07	0.67	1	9	4	91	0.00	0.0	4.958	0.074	0	0	0	1
442440	PL.22803	A	Consumer	14.87Y	123.9	0.00	2.07	0.67	0	9	4	91	0.00	0.0	4.958	0.000	9	4	1	1
442414	PL.22805	A	Consumer	14.87Y	123.9	0.00	2.07	0.02	0	0	0	100	0.00	0.0	4.884	0.000	0	0	1	1
4424044	PL.22805	A	Consumer	14.87Y	123.9	0.00	2.07	0.01	0	0	0	100	0.00	0.0	4.884	0.000	0	0	1	1
PL.23370	PL.22804	A	4ACSR	14.87Y	123.9	0.00	2.07	0.40	0	6	2	95	0.00	0.0	4.902	0.046	0	0	0	1
442438	PL.23370	A	Consumer	14.87Y	123.9	0.00	2.07	0.40	0	6	2	95	0.00	0.0	4.902	0.000	6	2	1	1
442405	PL.19598	A	Consumer	14.88Y	124.0	0.00	1.98	0.48	0	7	3	92	0.00	0.0	4.416	0.000	7	3	1	1
442404	PL.19598	A	Consumer	14.88Y	124.0	0.00	1.98	0.04	0	1	0	100	0.00	0.0	4.416	0.000	1	0	1	1
PL.45934	PL.22802	A	4ACSR	14.89Y	124.1	0.00	1.88	1.12	1	16	6	94	0.00	0.0	4.098	0.023	0	0	0	7
PD.2674	PL.45934	A	fuse6AMP	14.89Y	124.1	0.00	1.88	1.12	19	16	6	94	0.00	0.0	4.098	0.000	0	0	0	7
PL.45935	PD.2674	A	4ACSR	14.89Y	124.1	0.00	1.88	1.12	1	16	6	94	0.00	0.0	4.112	0.013	0	0	0	7
PL.22312	PL.45935	A	4ACSR	14.89Y	124.1	0.00	1.88	0.04	0	1	0	100	0.00	0.0	4.166	0.054	0	0	0	1
443401	PL.22312	A	Consumer	14.89Y	124.1	0.00	1.88	0.04	0	1	0	100	0.00	0.0	4.166	0.000	1	0	1	1
PL.22744	PL.45935	A	4ACSR	14.89Y	124.1	0.01	1.89	1.08	1	15	6	93	0.00	0.0	4.314	0.202	0	0	0	6
PL.27985	PL.22744	A	4ACSR	14.89Y	124.1	0.00	1.89	1.08	1	15	6	93	0.00	0.0	4.414	0.100	0	0	0	6
PL.23317	PL.27985	A	4ACSR	14.89Y	124.1	0.00	1.89	1.08	1	15	6	93	0.00	0.0	4.470	0.056	0	0	0	6
PL.23310	PL.23317	A	4ACSR	14.89Y	124.1	0.00	1.89	0.81	1	11	4	94	0.00	0.0	4.471	0.002	0	0	0	5
PL.22310	PL.23310	A	4ACSR	14.89Y	124.1	0.00	1.89	0.81	1	11	4	94	0.00	0.0	4.486	0.015	0	0	0	5
PL.22511	PL.22310	A	4ACSR	14.89Y	124.1	0.00	1.89	0.65	1	9	4	91	0.00	0.0	4.567	0.081	0	0	0	3
PL.22512	PL.22511	A	4ACSR	14.89Y	124.1	0.00	1.89	0.01	0	0	0	100	0.00	0.0	4.788	0.221	0	0	0	1
443415	PL.22512	A	Consumer	14.89Y	124.1	0.00	1.89	0.01	0	0	0	100	0.00	0.0	4.788	0.000	0	0	1	1
PL.22509	PL.22511	A	4ACSR	14.89Y	124.1	0.00	1.90	0.65	1	9	3	95	0.00	0.0	4.795	0.228	0	0	0	2
443416	PL.22509	A	Consumer	14.89Y	124.1	0.00	1.90	0.00	0	0	0	100	0.00	0.0	4.795	0.000	0	0	1	1
443404	PL.22509	A	Consumer	14.89Y	124.1	0.00	1.90	0.65	0	9	3	95	0.00	0.0	4.795	0.000	9	3	1	1
PL.22510	PL.22310	A	4ACSR	14.89Y	124.1	0.00	1.89	0.16	0	2	1	89	0.00	0.0	4.558	0.071	0	0	0	2
PL.22818	PL.22510	A	4ACSR	14.89Y	124.1	0.00	1.89	0.01	0	0	0	100	0.00	0.0	4.650	0.092	0	0	0	1
443435	PL.22818	A	Consumer	14.89Y	124.1	0.00	1.89	0.01	0	0	0	100	0.00	0.0	4.650	0.000	0	0	1	1
443402	PL.22510	A	Consumer	14.89Y	124.1	0.00	1.89	0.15	0	2	1	89	0.00	0.0	4.558	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	14.89Y	124.1	0.00	1.89	0.27	0	4	1	97	0.00	0.0	4.470	0.000	4	1	1	1
443438	PL.27985	A	Consumer	14.89Y	124.1	0.00	1.89	0.00	0	0	0	100	0.00	0.0	4.414	0.000	0	0	0	0
PL.45570	PD.2468	A	2ACSR	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	3.947	0.087	0	0	0	0
4434041	PL.45570	A	Consumer	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	3.947	0.000	0	0	0	0
PL.23544	PL.25726	A	4ACSR	14.91Y	124.2	0.00	1.79	0.38	0	5	2	93	0.00	0.0	3.825	0.033	0	0	0	2
443429	PL.23544	A	Consumer	14.91Y	124.2	0.00	1.79	0.05	0	1	0	100	0.00	0.0	3.825	0.000	1	0	1	1
443411	PL.23544	A	Consumer	14.91Y	124.2	0.00	1.79	0.33	0	5	2	93	0.00	0.0	3.825	0.000	5	2	1	1
PL.23313	PL.25726	A	4ACSR	14.90Y	124.2	0.00	1.79	3.15	3	44	17	93	0.00	0.0	3.854	0.062	0	0	0	11
PL.23314	PL.23313	A	4ACSR	14.90Y	124.2	0.00	1.79	2.50	2	35	14	93	0.00	0.0	3.857	0.003	0	0	0	9
PL.23311	PL.23314	A	4ACSR	14.90Y	124.2	0.00	1.80	2.50	2	35	14	93	0.00	0.0	3.931	0.074	0	0	0	9
PL.23312	PL.23311	A	4ACSR	14.90Y	124.2	0.00	1.80	1.20	1	17	7	92	0.00	0.0	4.002	0.071	0	0	0	4
PL.22315	PL.23312	A	4ACSR	14.90Y	124.2	0.00	1.80	0.34	0	5	2	93	0.00	0.0	4.068	0.066	0	0	0	1
443425	PL.22315	A	Consumer	14.90Y	124.2	0.00	1.80	0.34	0	5	2	93	0.00	0.0	4.068	0.000	5	2	1	1
PL.22314	PL.23312	A	4ACSR	14.90Y	124.2	0.00	1.80	0.86	1	12	5	92	0.00	0.0	4.036	0.034	0	0	0	3
443420	PL.22314	A	Consumer	14.90Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	4.036	0.000	0	0	0	0
443427	PL.22314	A	Consumer	14.90Y	124.2	0.00	1.80	0.33	0	5	2	93	0.00	0.0	4.036	0.000	5	2	1	1
443424	PL.22314	A	Consumer	14.90Y	124.2	0.00	1.80	0.07	0	1	0	100	0.00	0.0	4.036	0.000	1	0	1	1
443419	PL.22314	A	Consumer	14.90Y	124.2	0.00	1.80	0.47	0	6	3	89	0.00	0.0	4.036	0.000	6	3	1	1
443422	PL.23311	A	Consumer	14.90Y	124.2	0.00	1.80	0.24	0	3	1	95	0.00	0.0	3.931	0.000	3	1	1	1
443426	PL.23311	A	Consumer	14.90Y	124.2	0.00	1.80	0.36	0	5	2	93	0.00	0.0	3.931	0.000	5	2	1	1
443432	PL.23311	A	Consumer	14.90Y	124.2	0.00	1.80	0.41	0	6	2	95	0.00	0.0	3.931	0.000	6	2	1	1
443437	PL.23311	A	Consumer	14.90Y	124.2	0.00	1.80	0.01	0	0	0	100	0.00	0.0	3.931	0.000	0	0	1	1
443421	PL.23311	A	Consumer	14.90Y	124.2	0.00	1.80	0.28	0	4	2	89	0.00	0.0	3.931	0.000	4	2	1	1
PL.22819	PL.23311	A	4ACSR	14.90Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	3.994	0.063	0	0	0	0
443436	PL.22819	A	Consumer	14.90Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	3.994	0.000	0	0	0	0
443433	PL.23313	A	Consumer	14.90Y	124.2	0.00	1.79	0.28	0	4	1	97	0.00	0.0	3.854	0.000	4	1	1	1
443423	PL.23313	A	Consumer	14.90Y	124.2	0.00	1.79	0.38	0	5	2	93	0.00	0.0	3.854	0.000	5	2	1	1
443430	PL.23313	A	Consumer	14.90Y	124.2	0.00	1.79	0.00	0	0	0	100	0.00	0.0	3.854	0.000	0	0	0	0
PL.22503	PL.41481	A	4ACSR	14.93Y	124.4	0.00	1.61	1.07	1	15	6	93	0.00	0.0	3.402	0.022	0	0	0	5
PD.1425	PL.22503	A	fuse6AMP	14.93Y	124.4	0.00	1.61	1.07	18	15	6	93	0.00	0.0	3.402	0.000	0	0	0	5
PL.22502	PD.1425	A	4ACSR	14.93Y	124.4	0.00	1.62	1.07	1	15	6	93	0.00	0.0	3.541	0.139	0	0	0	5
443412	PL.22502	A	Consumer	14.93Y	124.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	3.541	0.000	0	0	1	1
PL.22501	PL.22502	A	4ACSR	14.93Y	124.4	0.00	1.62	0.62	1	9	3	95	0.00	0.0	3.623	0.081	0	0	0	2
PL.22816	PL.22501	A	4ACSR	14.93Y	124.4	0.00	1.62	0.40	0	6	2	95	0.00	0.0	3.670	0.048	0	0	0	1
443434	PL.22816	A	Consumer	14.93Y	124.4	0.00	1.62	0.40	0	6	2	95	0.00	0.0	3.670	0.000	6	2	1	1
443408	PL.22501	A	Consumer	14.93Y	124.4	0.00	1.62	0.22	0	3	1	95	0.00	0.0	3.623	0.000	3	1	1	1
PL.22469	PL.22502	A	4ACSR	14.93Y	124.4	0.00	1.62	0.45	0	6	2	95	0.00	0.0	3.611	0.070	0	0	0	2
PL.22470	PL.22469	A	4ACSR	14.93Y	124.4	0.00	1.62	0.08	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\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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.25710	PL.25709	A	4ACSR	14.97Y	124.7	0.00	1.26	2.97	2	41	16	93	0.00	0.0	2.837	0.073	0	0	0	14
PL.25711	PL.25710	A	4ACSR	14.97Y	124.7	0.00	1.26	2.69	2	38	15	93	0.00	0.0	2.856	0.019	0	0	0	13
PL.7521	PL.25711	A	4ACSR	14.97Y	124.7	0.00	1.26	1.90	2	27	10	94	0.00	0.0	2.918	0.062	0	0	0	10
PL.30769	PL.7521	A	4ACSR	14.97Y	124.7	0.00	1.26	0.26	0	4	1	97	0.00	0.0	2.956	0.038	0	0	0	1
5714015	PL.30769	A	Consumer	14.97Y	124.7	0.00	1.26	0.26	0	4	1	97	0.00	0.0	2.956	0.000	4	1	1	1
571410	PL.7521	A	Consumer	14.97Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	2.918	0.000	0	0	1	1
571409	PL.7521	A	Consumer	14.97Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	2.918	0.000	0	0	1	1
571401	PL.7521	A	Consumer	14.97Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	2.918	0.000	0	0	1	1
PL.25712	PL.7521	A	4ACSR	14.97Y	124.7	0.00	1.26	1.64	1	23	9	93	0.00	0.0	2.994	0.076	0	0	0	6
PL.25713	PL.25712	A	4ACSR	14.97Y	124.7	0.00	1.27	1.64	1	23	9	93	0.00	0.0	3.066	0.072	0	0	0	5
PL.25714	PL.25713	A	4ACSR	14.97Y	124.7	0.00	1.27	0.74	1	10	4	93	0.00	0.0	3.121	0.055	0	0	0	2
570502	PL.25714	A	Consumer	14.97Y	124.7	0.00	1.27	0.32	0	5	2	93	0.00	0.0	3.121	0.000	5	2	1	1
570503	PL.25714	A	Consumer	14.97Y	124.7	0.00	1.27	0.42	0	6	2	95	0.00	0.0	3.121	0.000	6	2	1	1
5705005	PL.25713	A	Consumer	14.97Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	3.066	0.000	0	0	0	0
570501	PL.25713	A	Consumer	14.97Y	124.7	0.00	1.27	0.39	0	5	2	93	0.00	0.0	3.066	0.000	5	2	1	1
PL.21476	PL.25713	A	4ACSR	14.97Y	124.7	0.00	1.27	0.51	0	7	3	92	0.00	0.0	3.072	0.006	0	0	0	2
PD.2835	PL.21476	A	fuse6AMP	14.97Y	124.7	0.00	1.27	0.51	9	7	3	92	0.00	0.0	3.072	0.000	0	0	0	2
PL.21477	PD.2835	A	4ACSR	14.97Y	124.7	0.00	1.27	0.51	0	7	3	92	0.00	0.0	3.098	0.026	0	0	0	2
PL.3560	PL.21477	A	4ACSR	14.97Y	124.7	0.00	1.27	0.27	0	4	1	97	0.00	0.0	3.114	0.016	0	0	0	1
571506	PL.3560	A	Consumer	14.97Y	124.7	0.00	1.27	0.27	0	4	1	97	0.00	0.0	3.114	0.000	4	1	1	1
571508	PL.21477	A	Consumer	14.97Y	124.7	0.00	1.27	0.24	0	3	1	95	0.00	0.0	3.098	0.000	3	1	1	1
5715010	PL.21477	A	Consumer	14.97Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	3.098	0.000	0	0	0	0
571411	PL.25712	A	Consumer	14.97Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	2.994	0.000	0	0	0	0
570405	PL.25712	A	Consumer	14.97Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	2.994	0.000	0	0	1	1
570407	PL.25711	A	Consumer	14.97Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	2.856	0.000	0	0	0	0
570406	PL.25711	A	Consumer	14.97Y	124.7	0.00	1.26	0.29	0	4	2	89	0.00	0.0	2.856	0.000	4	2	1	1
570404	PL.25711	A	Consumer	14.97Y	124.7	0.00	1.26	0.04	0	1	0	100	0.00	0.0	2.856	0.000	1	0	1	1
570409	PL.25711	A	Consumer	14.97Y	124.7	0.00	1.26	0.46	0	6	2	95	0.00	0.0	2.856	0.000	6	2	1	1
570411	PL.25710	A	Consumer	14.97Y	124.7	0.00	1.26	0.28	0	4	2	89	0.00	0.0	2.837	0.000	4	2	1	1
570415	PL.25710	A	Consumer	14.97Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	2.837	0.000	0	0	0	0
4435044	PL.21589	A	Consumer	14.97Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	2.603	0.000	0	0	0	0
443527	PL.21589	A	Consumer	14.97Y	124.8	0.00	1.24	0.23	0	3	1	95	0.00	0.0	2.603	0.000	3	1	1	1
PL.22225	PL.25701	A	4ACSR	14.98Y	124.9	0.00	1.13	1.45	1	20	8	93	0.00	0.0	2.378	0.012	0	0	0	5
PD.1094	PL.22225	A	fuse6AMP	14.98Y	124.9	0.00	1.13	1.45	25	20	8	93	0.00	0.0	2.378	0.000	0	0	0	5
PL.22226	PD.1094	A	4ACSR	14.98Y	124.9	0.00	1.13	1.45	1	20	8	93	0.00	0.0	2.424	0.046	0	0	0	5
PL.22505	PL.22226	A	4ACSR	14.98Y	124.9	0.00	1.14	1.45	1	20	8	93	0.00	0.0	2.546	0.122	0	0	0	5
PL.22507	PL.22505	A	4ACSR	14.98Y	124.9	0.00	1.14	0.31	0	4	2	89	0.00	0.0	2.634	0.088	0	0	0	1
443520	PL.22507	A	Consumer	14.98Y	124.9	0.00	1.14	0.31	0	4	2	89	0.00	0.0	2.634	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 '-Base Voltage:120.0-' note.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.25958	PD.2836	C	4ACSR	15.06Y	125.5	0.00	0.53	20.27	17	284	112	93	0.00	0.0	2.041	0.002	0	0	0	84
571507	PL.25958	C	Consumer	15.06Y	125.5	0.00	0.53	0.16	0	2	1	89	0.00	0.0	2.041	0.000	2	1	1	1
571502	PL.25958	C	Consumer	15.06Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	2.041	0.000	0	0	0	0
5725002	PL.25958	C	Consumer	15.06Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	2.041	0.000	0	0	0	0
PL.25959	PL.25958	C	4ACSR	15.05Y	125.4	0.02	0.55	19.91	17	279	110	93	0.05	0.0	2.090	0.048	0	0	0	82
PL.23002	PL.25959	C	4ACSR	15.05Y	125.4	0.00	0.55	0.23	0	3	1	95	0.00	0.0	2.155	0.066	0	0	0	2
571413	PL.23002	C	Consumer	15.05Y	125.4	0.00	0.55	0.22	0	3	1	95	0.00	0.0	2.155	0.000	3	1	1	1
571408	PL.23002	C	Consumer	15.05Y	125.4	0.00	0.55	0.02	0	0	0	100	0.00	0.0	2.155	0.000	0	0	1	1
PL.25960	PL.25959	C	4ACSR	15.05Y	125.4	0.00	0.56	19.68	17	276	109	93	0.00	0.0	2.094	0.005	0	0	0	80
C PD.2837	PL.25960	C	fuse6AMP	15.05Y	125.4	0.00	0.56	19.68	336	276	109	93	0.00	0.0	2.094	0.000	0	0	0	80 C
PL.25961	PD.2837	C	4ACSR	15.05Y	125.4	0.05	0.60	19.68	17	276	109	93	0.10	0.0	2.199	0.105	0	0	0	80
572501	PL.25961	C	Consumer	15.05Y	125.4	0.00	0.60	0.64	0	9	3	95	0.00	0.0	2.199	0.000	9	3	1	1
572408	PL.25961	C	Consumer	15.05Y	125.4	0.00	0.60	0.26	0	4	1	97	0.00	0.0	2.199	0.000	4	1	1	1
PL.21273	PL.25961	C	4ACSR	15.05Y	125.4	0.00	0.60	0.90	1	13	5	93	0.00	0.0	2.204	0.005	0	0	0	7
PD.2838	PL.21273	C	fuse6AMP	15.05Y	125.4	0.00	0.60	0.90	15	13	5	93	0.00	0.0	2.204	0.000	0	0	0	7
PL.45148	PD.2838	C	4ACSR	15.05Y	125.4	0.00	0.60	0.90	1	13	5	93	0.00	0.0	2.235	0.031	0	0	0	7
5724015	PL.45148	C	Consumer	15.05Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	2.235	0.000	0	0	0	0
PL.45149	PL.45148	C	4ACSR	15.05Y	125.4	0.00	0.61	0.90	1	13	5	93	0.00	0.0	2.299	0.065	0	0	0	7
PL.23001	PL.45149	C	4ACSR	15.05Y	125.4	0.00	0.61	0.04	0	1	0	100	0.00	0.0	2.332	0.033	0	0	0	1
PL.23000	PL.23001	C	4ACSR	15.05Y	125.4	0.00	0.61	0.04	0	1	0	100	0.00	0.0	2.356	0.024	0	0	0	1
571301	PL.23000	C	Consumer	15.05Y	125.4	0.00	0.61	0.04	0	1	0	100	0.00	0.0	2.356	0.000	1	0	1	1
5714010	PL.45149	C	Consumer	15.05Y	125.4	0.00	0.61	0.00	0	0	0	100	0.00	0.0	2.299	0.000	0	0	0	0
572402	PL.45149	C	Consumer	15.05Y	125.4	0.00	0.61	0.12	0	2	1	89	0.00	0.0	2.299	0.000	2	1	1	1
572401	PL.45149	C	Consumer	15.05Y	125.4	0.00	0.61	0.09	0	1	1	71	0.00	0.0	2.299	0.000	1	1	1	1
571406	PL.45149	C	Consumer	15.05Y	125.4	0.00	0.61	0.23	0	3	1	95	0.00	0.0	2.299	0.000	3	1	1	1
571414	PL.45149	C	Consumer	15.05Y	125.4	0.00	0.61	0.00	0	0	0	100	0.00	0.0	2.299	0.000	0	0	0	0
571405	PL.45149	C	Consumer	15.05Y	125.4	0.00	0.61	0.33	0	4	2	89	0.00	0.0	2.299	0.000	4	2	1	1
571412	PL.45149	C	Consumer	15.05Y	125.4	0.00	0.61	0.09	0	1	0	100	0.00	0.0	2.299	0.000	1	0	1	2
5714016	571412	C	Consumer	15.05Y	125.4	0.00	0.61	0.00	0	0	0	100	0.00	0.0	2.299	0.000	0	0	0	0
5724014	571412	C	Consumer	15.05Y	125.4	0.00	0.61	0.01	0	0	0	100	0.00	0.0	2.299	0.000	0	0	1	1
PL.25962	PL.25961	C	4ACSR	15.04Y	125.4	0.02	0.63	17.88	15	250	98	93	0.04	0.0	2.253	0.054	0	0	0	71
PL.25963	PL.25962	C	4ACSR	15.04Y	125.4	0.00	0.63	0.14	0	2	1	89	0.00	0.0	2.256	0.003	0	0	0	1
PD.3491	PL.25963	C	fuse6AMP	15.04Y	125.4	0.00	0.63	0.14	2	2	1	89	0.00	0.0	2.256	0.000	0	0	0	1
PL.45660	PD.3491	C	4ACSR	15.04Y	125.4	0.00	0.63	0.14	0	2	1	89	0.00	0.0	2.328	0.071	0	0	0	1
572302	PL.45660	C	Consumer	15.04Y	125.4	0.00	0.63	0.14	0	2	1	89	0.00	0.0	2.328	0.000	2	1	1	1
PL.45661	PL.45660	C	4ACSR	15.04Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	2.329	0.001	0	0	0	0
5723005	PL.45661	C	Consumer	15.04Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	2.329	0.000	0	0	0	0
PL.7520	PL.25962	C	4ACSR	15.04Y	125.3	0.05	0.67	17.21	14	241	95	93	0.08	0.0	2.371	0.118	0	0	0	66

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.27664	PL.19112	C	4ACSR	15.01Y	125.1	0.04	0.92	5.63	5	79	31	93	0.02	0.0	3.613	0.306	0	0	0	20
PL.13356	PL.27664	C	4ACSR	15.01Y	125.1	0.01	0.93	5.63	5	79	31	93	0.01	0.0	3.712	0.098	0	0	0	20
PL.13355	PL.13356	C	4ACSR	15.01Y	125.1	0.01	0.94	3.03	3	42	16	93	0.00	0.0	3.784	0.072	0	0	0	12
PD.369-A	PL.13355	C	Closed	15.01Y	125.1	0.00	0.94	3.03	0	42	16	93	0.00	0.0	3.784	0.000	0	0	0	12
PD.369-B	PD.369-A	C	Closed	15.01Y	125.1	0.00	0.94	3.03	0	42	16	93	0.00	0.0	3.784	0.000	0	0	0	12
PL.13354	PD.369-B	C	4ACSR	15.01Y	125.1	0.01	0.95	3.03	3	42	16	93	0.00	0.0	3.863	0.079	0	0	0	12
PL.20972	PL.13354	C	4ACSR	15.01Y	125.1	0.00	0.95	0.70	1	10	4	93	0.00	0.0	3.889	0.026	0	0	0	4
PD.1436	PL.20972	C	fuse6AMP	15.01Y	125.1	0.00	0.95	0.70	12	10	4	93	0.00	0.0	3.889	0.000	0	0	0	4
PL.20973	PD.1436	C	4ACSR	15.01Y	125.1	0.00	0.95	0.70	1	10	4	93	0.00	0.0	3.957	0.069	0	0	0	4
PL.20974	PL.20973	C	4ACSR	15.01Y	125.1	0.00	0.95	0.70	1	10	4	93	0.00	0.0	3.959	0.002	0	0	0	4
PL.20975	PL.20974	C	4ACSR	15.01Y	125.1	0.00	0.95	0.48	0	7	3	92	0.00	0.0	4.066	0.107	0	0	0	3
PL.23387	PL.20975	C	4ACSR	15.01Y	125.1	0.00	0.95	0.07	0	1	0	100	0.00	0.0	4.152	0.087	0	0	0	1
444413	PL.23387	C	Consumer	15.01Y	125.1	0.00	0.95	0.07	0	1	0	100	0.00	0.0	4.152	0.000	1	0	1	1
PL.23388	PL.20975	C	4ACSR	15.01Y	125.1	0.00	0.95	0.41	0	6	2	95	0.00	0.0	4.102	0.037	0	0	0	1
444418	PL.23388	C	Consumer	15.01Y	125.1	0.00	0.95	0.41	0	6	2	95	0.00	0.0	4.102	0.000	6	2	1	1
444409	PL.20975	C	Consumer	15.01Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	4.066	0.000	0	0	1	1
444405	PL.20975	C	Consumer	15.01Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	4.066	0.000	0	0	0	0
444501	PL.20974	C	Consumer	15.01Y	125.1	0.00	0.95	0.22	0	3	1	95	0.00	0.0	3.959	0.000	3	1	1	1
444511	PL.20974	C	Consumer	15.01Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	3.959	0.000	0	0	0	0
PL.13353	PL.13354	C	4ACSR	15.01Y	125.0	0.01	0.95	2.33	2	33	13	93	0.00	0.0	3.996	0.133	0	0	0	8
PL.13352	PL.13353	C	4ACSR	15.00Y	125.0	0.01	0.96	1.93	2	27	10	94	0.00	0.0	4.147	0.151	0	0	0	6
PL.13349	PL.13352	C	4ACSR	15.00Y	125.0	0.00	0.96	1.92	2	27	10	94	0.00	0.0	4.213	0.066	0	0	0	5
PL.13348	PL.13349	C	4ACSR	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	4.425	0.212	0	0	0	0
PL.21183	PL.13348	C	4ACSR	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	4.466	0.040	0	0	0	0
PL.38600	PL.21183	C	4ACSR	15.00Y	125.0	0.00	0.96	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	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	4.477	0.000	0	0	0	0
PL.6907	PL.13349	C	4ACSR	15.00Y	125.0	0.00	0.96	1.92	2	27	10	94	0.00	0.0	4.214	0.001	0	0	0	5
444403	PL.6907	C	Consumer	15.00Y	125.0	0.00	0.96	0.31	0	4	2	89	0.00	0.0	4.214	0.000	4	2	1	1
444414	PL.6907	C	Consumer	15.00Y	125.0	0.00	0.96	0.45	0	6	2	95	0.00	0.0	4.214	0.000	6	2	1	1
PL.13350	PL.6907	C	4ACSR	15.00Y	125.0	0.00	0.96	1.16	1	16	6	94	0.00	0.0	4.228	0.014	0	0	0	3
PD.1439	PL.13350	C	fuse6AMP	15.00Y	125.0	0.00	0.96	1.16	20	16	6	94	0.00	0.0	4.228	0.000	0	0	0	3
PL.13351	PD.1439	C	4ACSR	15.00Y	125.0	0.00	0.97	1.16	1	16	6	94	0.00	0.0	4.331	0.103	0	0	0	3
PL.22893	PL.13351	C	4ACSR	15.00Y	125.0	0.00	0.97	1.16	1	16	6	94	0.00	0.0	4.420	0.089	0	0	0	3
PL.22894	PL.22893	C	4ACSR	15.00Y	125.0	0.00	0.97	1.16	1	16	6	94	0.00	0.0	4.489	0.069	0	0	0	3
445520	PL.22894	C	Consumer	15.00Y	125.0	0.00	0.97	0.35	0	5	2	93	0.00	0.0	4.489	0.000	5	2	1	1
445501	PL.22894	C	Consumer	15.00Y	125.0	0.00	0.97	0.69	0	10	4	93	0.00	0.0	4.489	0.000	10	4	1	1
445529	PL.22894	C	Consumer	15.00Y	125.0	0.00	0.97	0.12	0	2	1	89	0.00	0.0	4.489	0.000	2	1	1	1
444406	PL.13352	C	Consumer	15.00Y	125.0	0.00	0.96	0.01	0	0	0	100	0.00	0.0	4.147	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-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
444416	PL.13352	C	Consumer	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	4.147	0.000	0	0	0	0
PL.21068	PL.13353	C	4ACSR	15.01Y	125.0	0.00	0.95	0.26	0	4	1	97	0.00	0.0	4.020	0.024	0	0	0	1
PD.1438	PL.21068	C	fuse6AMP	15.01Y	125.0	0.00	0.95	0.26	4	4	1	97	0.00	0.0	4.020	0.000	0	0	0	1
PL.20969	PD.1438	C	4ACSR	15.01Y	125.0	0.00	0.95	0.26	0	4	1	97	0.00	0.0	4.231	0.212	0	0	0	1
PL.23385	PL.20969	C	4ACSR	15.01Y	125.0	0.00	0.95	0.26	0	4	1	97	0.00	0.0	4.334	0.103	0	0	0	1
444529	PL.23385	C	Consumer	15.01Y	125.0	0.00	0.95	0.26	0	4	1	97	0.00	0.0	4.334	0.000	4	1	1	1
PL.23386	PL.20969	C	4ACSR	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	4.336	0.105	0	0	0	0
PL.22895	PL.23386	C	4ACSR	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	4.575	0.239	0	0	0	0
445502	PL.22895	C	Consumer	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	4.575	0.000	0	0	0	0
PL.24012	PL.23386	C	4ACSR	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	4.336	0.000	0	0	0	0
PL.20970	PL.13353	C	4ACSR	15.01Y	125.0	0.00	0.95	0.14	0	2	1	89	0.00	0.0	4.012	0.016	0	0	0	1
PD.1437	PL.20970	C	fuse6AMP	15.01Y	125.0	0.00	0.95	0.14	2	2	1	89	0.00	0.0	4.012	0.000	0	0	0	1
PL.20971	PD.1437	C	4ACSR	15.01Y	125.0	0.00	0.95	0.14	0	2	1	89	0.00	0.0	4.075	0.063	0	0	0	1
444407	PL.20971	C	Consumer	15.01Y	125.0	0.00	0.95	0.14	0	2	1	89	0.00	0.0	4.075	0.000	2	1	1	1
PL.20983	PL.13356	C	4ACSR	15.01Y	125.1	0.00	0.94	0.55	0	8	3	94	0.00	0.0	3.728	0.016	0	0	0	1
PD.1435	PL.20983	C	fuse6AMP	15.01Y	125.1	0.00	0.94	0.55	9	8	3	94	0.00	0.0	3.728	0.000	0	0	0	1
PL.20984	PD.1435	C	4ACSR	15.01Y	125.1	0.00	0.94	0.55	0	8	3	94	0.00	0.0	3.813	0.085	0	0	0	1
PL.20979	PL.20984	C	4ACSR	15.01Y	125.1	0.00	0.94	0.55	0	8	3	94	0.00	0.0	3.815	0.002	0	0	0	1
444520	PL.20979	C	Consumer	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	3.815	0.000	0	0	0	0
444510	PL.20979	C	Consumer	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	3.815	0.000	0	0	0	0
444502	PL.20979	C	Consumer	15.01Y	125.1	0.00	0.94	0.55	0	8	3	94	0.00	0.0	3.815	0.000	8	3	1	1
PL.20980	PL.20979	C	4ACSR	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	4.016	0.202	0	0	0	0
444514	PL.20980	C	Consumer	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	4.016	0.000	0	0	0	0
PL.20981	PL.13356	C	4ACSR	15.01Y	125.1	0.00	0.94	2.04	2	29	11	93	0.00	0.0	3.724	0.013	0	0	0	7
PD.1434	PL.20981	C	fuse6AMP	15.01Y	125.1	0.00	0.94	2.04	35	29	11	93	0.00	0.0	3.724	0.000	0	0	0	7
PL.20982	PD.1434	C	4ACSR	15.01Y	125.1	0.00	0.94	2.04	2	29	11	93	0.00	0.0	3.767	0.043	0	0	0	7
PL.20976	PL.20982	C	4ACSR	15.01Y	125.1	0.01	0.95	2.04	2	29	11	93	0.00	0.0	3.948	0.181	0	0	0	7
PL.45458	PL.20976	C	4ACSR	15.01Y	125.1	0.00	0.95	1.10	1	15	6	93	0.00	0.0	3.966	0.018	0	0	0	3
PD.8648	PL.45458	C	fuse6AMP	15.01Y	125.1	0.00	0.95	1.10	19	15	6	93	0.00	0.0	3.966	0.000	0	0	0	3
PL.45459	PD.8648	C	4ACSR	15.01Y	125.1	0.00	0.95	1.10	1	15	6	93	0.00	0.0	4.001	0.035	0	0	0	3
PL.27927	PL.45459	C	4ACSR	15.01Y	125.1	0.00	0.95	0.64	1	9	3	95	0.00	0.0	4.059	0.058	0	0	0	2
444525	PL.27927	C	Consumer	15.01Y	125.1	0.00	0.95	0.53	0	7	3	92	0.00	0.0	4.059	0.000	7	3	1	1
PL.20989	PL.27927	C	4ACSR	15.01Y	125.1	0.00	0.95	0.11	0	2	1	89	0.00	0.0	4.136	0.077	0	0	0	1
PL.20990	PL.20989	C	4ACSR	15.01Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	4.139	0.003	0	0	0	0
444526	PL.20989	C	Consumer	15.01Y	125.1	0.00	0.95	0.11	0	2	1	89	0.00	0.0	4.136	0.000	2	1	1	1
444527	PL.45459	C	Consumer	15.01Y	125.1	0.00	0.95	0.47	0	7	3	92	0.00	0.0	4.001	0.000	7	3	1	1
444528	PL.20976	C	Consumer	15.01Y	125.1	0.00	0.95	0.49	0	7	3	92	0.00	0.0	3.948	0.000	7	3	1	1
PL.20985	PL.20976	C	4ACSR	15.01Y	125.1	0.00	0.95	0.45	0	6	2	95	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\SUMMER\PROPOSED SUMMER 06-10 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	15.01Y	125.1	0.00	0.95	0.44	0	6	2	95	0.00	0.0	4.037	0.022	0	0	0	2
PL.23392	PL.20986	C	4ACSR	15.01Y	125.1	0.00	0.95	0.44	0	6	2	95	0.00	0.0	4.118	0.081	0	0	0	2
PL.20987	PL.23392	C	4ACSR	15.01Y	125.1	0.00	0.95	0.44	0	6	2	95	0.00	0.0	4.122	0.003	0	0	0	2
444522	PL.20987	C	Consumer	15.01Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	4.122	0.000	0	0	0	0
444530	PL.20987	C	Consumer	15.01Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	4.122	0.000	0	0	1	1
PL.20988	PL.20987	C	4ACSR	15.01Y	125.1	0.00	0.95	0.44	0	6	2	95	0.00	0.0	4.179	0.057	0	0	0	1
PL.21687	PL.20988	C	4ACSR	15.01Y	125.1	0.00	0.95	0.44	0	6	2	95	0.00	0.0	4.231	0.052	0	0	0	1
444533	PL.21687	C	Consumer	15.01Y	125.1	0.00	0.95	0.44	0	6	2	95	0.00	0.0	4.231	0.000	6	2	1	1
444417	PL.20985	C	Consumer	15.01Y	125.1	0.00	0.95	0.01	0	0	0	100	0.00	0.0	4.015	0.000	0	0	1	1
PL.22820	PL.20982	C	4ACSR	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	3.869	0.102	0	0	0	0
444536	PL.22820	C	Consumer	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	3.869	0.000	0	0	0	0
PL.20977	PL.27664	C	4ACSR	15.01Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	3.636	0.022	0	0	0	0
PD.1433	PL.20977	C	fuse6AMP	15.01Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	3.636	0.000	0	0	0	0
PL.20978	PD.1433	C	4ACSR	15.01Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	3.743	0.107	0	0	0	0
444503	PL.20978	C	Consumer	15.01Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	3.743	0.000	0	0	0	0
PL.23258	PL.19089	C	4ACSR	15.01Y	125.1	0.00	0.88	0.10	0	1	1	71	0.00	0.0	3.315	0.011	0	0	0	1
PD.1432	PL.23258	C	fuse6AMP	15.01Y	125.1	0.00	0.88	0.10	2	1	1	71	0.00	0.0	3.315	0.000	0	0	0	1
PL.23259	PD.1432	C	4ACSR	15.01Y	125.1	0.00	0.88	0.10	0	1	1	71	0.00	0.0	3.379	0.064	0	0	0	1
PL.40589	PL.23259	C	4ACSR	15.01Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	3.607	0.228	0	0	0	0
444517	PL.40589	C	Consumer	15.01Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	3.607	0.000	0	0	0	0
444505	PL.23259	C	Consumer	15.01Y	125.1	0.00	0.88	0.10	0	1	1	71	0.00	0.0	3.379	0.000	1	1	1	1
444515	PL.19090	C	Consumer	15.02Y	125.1	0.00	0.87	0.11	0	1	1	71	0.00	0.0	3.238	0.000	1	1	1	1
443507	PL.13357	C	Consumer	15.02Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	2.915	0.000	0	0	0	0
443504	PL.13357	C	Consumer	15.02Y	125.2	0.00	0.82	0.21	0	3	1	95	0.00	0.0	2.915	0.000	3	1	1	1
PL.20995	PL.13358	C	4ACSR	15.02Y	125.2	0.00	0.82	1.07	1	15	6	93	0.00	0.0	2.892	0.009	0	0	0	3
PD.1429	PL.20995	C	fuse6AMP	15.02Y	125.2	0.00	0.82	1.07	18	15	6	93	0.00	0.0	2.892	0.000	0	0	0	3
PL.20996	PD.1429	C	4ACSR	15.02Y	125.2	0.00	0.82	1.07	1	15	6	93	0.00	0.0	2.983	0.090	0	0	0	3
PL.23393	PL.20996	C	4ACSR	15.02Y	125.2	0.00	0.82	0.58	0	8	3	94	0.00	0.0	3.021	0.038	0	0	0	1
443522	PL.23393	C	Consumer	15.02Y	125.2	0.00	0.82	0.58	0	8	3	94	0.00	0.0	3.021	0.000	8	3	1	1
443505	PL.20996	C	Consumer	15.02Y	125.2	0.00	0.82	0.49	0	7	3	92	0.00	0.0	2.983	0.000	7	3	1	1
443510	PL.20996	C	Consumer	15.02Y	125.2	0.00	0.82	0.01	0	0	0	100	0.00	0.0	2.983	0.000	0	0	1	1
PL.20993	PL.13358	C	4ACSR	15.02Y	125.2	0.00	0.82	0.35	0	5	2	93	0.00	0.0	2.892	0.009	0	0	0	1
PD.1428	PL.20993	C	fuse6AMP	15.02Y	125.2	0.00	0.82	0.35	6	5	2	93	0.00	0.0	2.892	0.000	0	0	0	1
PL.20994	PD.1428	C	4ACSR	15.02Y	125.2	0.00	0.82	0.35	0	5	2	93	0.00	0.0	2.966	0.074	0	0	0	1
4435046	PL.20994	C	Consumer	15.02Y	125.2	0.00	0.82	0.35	0	5	2	93	0.00	0.0	2.966	0.000	0	0	0	1
443523	4435046	C	Consumer	15.02Y	125.2	0.00	0.82	0.35	0	5	2	93	0.00	0.0	2.966	0.000	5	2	1	1
PL.12115	PL.20991	C	4ACSR	15.02Y	125.2	0.00	0.80	0.00	0	0	0	100	0.00	0.0	2.813	0.000	0	0	0	0
PL.201	PL.11828	C	4ACSR	15.03Y	125.2	0.00	0.77	1.67	1	23	9	93	0.00	0.0	2.672	0.006	0	0	0	7

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.11829	PL.201	C	4ACSR	15.03Y	125.2	0.00	0.77	1.67	1	23	9	93	0.00	0.0	2.693	0.021	0	0	0	7
PL.11830	PL.11829	C	4ACSR	15.03Y	125.2	0.00	0.78	1.67	1	23	9	93	0.00	0.0	2.738	0.045	0	0	0	7
PL.23384	PL.11830	C	4ACSR	15.03Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	2.758	0.020	0	0	0	0
PL.12645	PL.11830	C	4ACSR	15.03Y	125.2	0.00	0.78	1.67	1	23	9	93	0.00	0.0	2.822	0.084	0	0	0	7
PL.22049	PL.12645	C	4ACSR	15.03Y	125.2	0.00	0.78	1.09	1	15	6	93	0.00	0.0	2.833	0.011	0	0	0	3
PD.1427	PL.22049	C	fuse6AMP	15.03Y	125.2	0.00	0.78	1.09	19	15	6	93	0.00	0.0	2.833	0.000	0	0	0	3
PL.22050	PD.1427	C	4ACSR	15.03Y	125.2	0.00	0.78	1.09	1	15	6	93	0.00	0.0	2.858	0.025	0	0	0	3
443530	PL.22050	C	Consumer	15.03Y	125.2	0.00	0.78	0.30	0	4	2	89	0.00	0.0	2.858	0.000	4	2	1	1
443526	PL.22050	C	Consumer	15.03Y	125.2	0.00	0.78	0.29	0	4	2	89	0.00	0.0	2.858	0.000	4	2	1	1
PL.20508	PL.22050	C	4ACSR	15.03Y	125.2	0.00	0.78	0.50	0	7	3	92	0.00	0.0	2.903	0.045	0	0	0	1
443528	PL.20508	C	Consumer	15.03Y	125.2	0.00	0.78	0.50	0	7	3	92	0.00	0.0	2.903	0.000	7	3	1	1
PL.45898	PL.12645	C	4ACSR	15.03Y	125.2	0.00	0.78	0.58	0	8	3	94	0.00	0.0	2.858	0.036	0	0	0	4
PL.45899	PL.45898	C	4ACSR	15.03Y	125.2	0.00	0.78	0.58	0	8	3	94	0.00	0.0	2.902	0.044	0	0	0	4
443541	PL.45899	C	Consumer	15.03Y	125.2	0.00	0.78	0.45	0	6	2	95	0.00	0.0	2.902	0.000	6	2	1	1
PL.6916	PL.45899	C	4ACSR	15.03Y	125.2	0.00	0.78	0.13	0	2	1	89	0.00	0.0	2.999	0.097	0	0	0	3
PL.6912	PL.6916	C	4ACSR	15.03Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	3.119	0.120	0	0	0	1
443518	PL.6912	C	Consumer	15.03Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	3.119	0.000	0	0	1	1
443511	PL.6916	C	Consumer	15.03Y	125.2	0.00	0.78	0.13	0	2	1	89	0.00	0.0	2.999	0.000	2	1	1	1
443512	PL.6916	C	Consumer	15.03Y	125.2	0.00	0.78	0.01	0	0	0	100	0.00	0.0	2.999	0.000	0	0	1	1
4435045	PL.45898	C	Consumer	15.03Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	2.858	0.000	0	0	0	0
PL.23383	PL.11829	C	4ACSR	15.03Y	125.2	0.00	0.77	0.00	0	0	0	100	0.00	0.0	2.729	0.036	0	0	0	0
574105	PL.11828	C	Consumer	15.03Y	125.2	0.00	0.77	0.21	0	3	1	95	0.00	0.0	2.666	0.000	3	1	1	1
PL.19192	PL.11828	C	4ACSR	15.03Y	125.2	0.00	0.77	2.17	2	30	12	93	0.00	0.0	2.702	0.036	0	0	0	8
PL.19193	PL.19192	C	4ACSR	15.03Y	125.2	0.00	0.77	2.17	2	30	12	93	0.00	0.0	2.704	0.002	0	0	0	7
PD.3720	PL.19193	C	25V4E	15.03Y	125.2	0.00	0.77	2.17	9	30	12	93	0.00	0.0	2.704	0.000	0	0	0	7
PL.11831	PD.3720	C	4ACSR	15.03Y	125.2	0.00	0.77	2.17	2	30	12	93	0.00	0.0	2.718	0.014	0	0	0	7
PD.2842	PL.11831	C	fuse6AMP	15.03Y	125.2	0.00	0.77	2.17	37	30	12	93	0.00	0.0	2.718	0.000	0	0	0	7
PL.11832	PD.2842	C	4ACSR	15.03Y	125.2	0.00	0.78	2.17	2	30	12	93	0.00	0.0	2.720	0.002	0	0	0	7
PL.3559	PL.11832	C	4ACSR	15.03Y	125.2	0.00	0.78	0.94	1	13	5	93	0.00	0.0	2.773	0.054	0	0	0	3
PL.3561	PL.3559	C	4ACSR	15.03Y	125.2	0.00	0.78	0.58	0	8	3	94	0.00	0.0	2.809	0.036	0	0	0	1
573114	PL.3561	C	Consumer	15.03Y	125.2	0.00	0.78	0.58	0	8	3	94	0.00	0.0	2.809	0.000	8	3	1	1
PL.22995	PL.3559	C	4ACSR	15.03Y	125.2	0.00	0.78	0.36	0	5	2	93	0.00	0.0	2.819	0.046	0	0	0	2
572101	PL.22995	C	Consumer	15.03Y	125.2	0.00	0.78	0.16	0	2	1	89	0.00	0.0	2.819	0.000	2	1	1	1
573103	PL.22995	C	Consumer	15.03Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	2.819	0.000	0	0	0	0
572102	PL.22995	C	Consumer	15.03Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	2.819	0.000	0	0	0	0
573109	PL.22995	C	Consumer	15.03Y	125.2	0.00	0.78	0.20	0	3	1	95	0.00	0.0	2.819	0.000	3	1	1	1
PL.22996	PL.11832	C	4ACSR	15.03Y	125.2	0.00	0.78	0.45	0	6	2	95	0.00	0.0	2.756	0.037	0	0	0	2
573107	PL.22996	C	Consumer	15.03Y	125.2	0.00	0.78	0.18	0	3	1	95	0.00	0.0	2.756	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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							
573101	PL.22996	C	Consumer	15.03Y	125.2	0.00	0.78	0.27	0	4	1	97	0.00	0.0	2.756	0.000	4	1	1	1
PL.11833	PL.11832	C	4ACSR	15.03Y	125.2	0.00	0.78	0.77	1	11	4	94	0.00	0.0	2.737	0.018	0	0	0	2
PL.28687	PL.11833	C	4ACSR	15.03Y	125.2	0.00	0.78	0.77	1	11	4	94	0.00	0.0	2.737	0.000	0	0	0	2
PL.11834	PL.28687	C	4ACSR	15.03Y	125.2	0.00	0.78	0.77	1	11	4	94	0.00	0.0	2.755	0.017	0	0	0	2
PL.7522	PL.11834	C	4ACSR	15.03Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	2.783	0.028	0	0	0	0
573113	PL.7522	C	Consumer	15.03Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	2.783	0.000	0	0	0	0
573110	PL.7522	C	Consumer	15.03Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	2.783	0.000	0	0	0	0
573112	PL.11834	C	Consumer	15.03Y	125.2	0.00	0.78	0.25	0	4	1	97	0.00	0.0	2.755	0.000	4	1	1	1
573111	PL.11834	C	Consumer	15.03Y	125.2	0.00	0.78	0.52	0	7	3	92	0.00	0.0	2.755	0.000	7	3	1	1
PL.29875	PL.28687	C	4ACSR	15.03Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	2.740	0.002	0	0	0	0
PD.2843	PL.29875	C	fuse6AMP	15.03Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	2.740	0.000	0	0	0	0
PL.29876	PD.2843	C	4ACSR	15.03Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	2.746	0.007	0	0	0	0
574106	PL.19192	C	Consumer	15.03Y	125.2	0.00	0.77	0.01	0	0	0	100	0.00	0.0	2.702	0.000	0	0	1	1
574103	PL.11827	C	Consumer	15.03Y	125.2	0.00	0.75	0.18	0	2	1	89	0.00	0.0	2.598	0.000	2	1	1	1
574102	PL.11827	C	Consumer	15.03Y	125.2	0.00	0.75	0.27	0	4	1	97	0.00	0.0	2.598	0.000	4	1	1	1
PL.11825	PL.19256	C	4ACSR	15.03Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	2.556	0.003	0	0	0	0
PD.2841	PL.11825	C	fuse6AMP	15.03Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	2.556	0.000	0	0	0	0
PL.11826	PD.2841	C	4ACSR	15.03Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	2.584	0.028	0	0	0	0
574207	PL.11826	C	Consumer	15.03Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	2.584	0.000	0	0	0	0
574204	PL.19256	C	Consumer	15.03Y	125.3	0.00	0.74	0.42	0	6	3	89	0.00	0.0	2.553	0.000	6	3	1	1
574104	PL.19256	C	Consumer	15.03Y	125.3	0.00	0.74	0.02	0	0	0	100	0.00	0.0	2.553	0.000	0	0	1	1
PL.22170	PL.11822	C	4ACSR	15.03Y	125.3	0.00	0.71	1.63	1	23	9	93	0.00	0.0	2.481	0.003	0	0	0	7
PD.2839	PL.22170	C	fuse6AMP	15.03Y	125.3	0.00	0.71	1.63	28	23	9	93	0.00	0.0	2.481	0.000	0	0	0	7
PL.22171	PD.2839	C	4ACSR	15.03Y	125.3	0.00	0.71	1.63	1	23	9	93	0.00	0.0	2.519	0.038	0	0	0	7
PL.22997	PL.22171	C	4ACSR	15.03Y	125.3	0.00	0.71	1.02	1	14	6	92	0.00	0.0	2.547	0.029	0	0	0	3
573207	PL.22997	C	Consumer	15.03Y	125.3	0.00	0.71	0.27	0	4	1	97	0.00	0.0	2.547	0.000	4	1	1	1
573208	PL.22997	C	Consumer	15.03Y	125.3	0.00	0.71	0.35	0	5	2	93	0.00	0.0	2.547	0.000	5	2	1	1
573206	PL.22997	C	Consumer	15.03Y	125.3	0.00	0.71	0.39	0	5	2	93	0.00	0.0	2.547	0.000	5	2	1	1
573204	PL.22171	C	Consumer	15.03Y	125.3	0.00	0.71	0.21	0	3	1	95	0.00	0.0	2.519	0.000	3	1	1	1
573205	PL.22171	C	Consumer	15.03Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	2.519	0.000	0	0	1	1
PL.22999	PL.22171	C	4ACSR	15.03Y	125.3	0.00	0.71	0.41	0	6	2	95	0.00	0.0	2.538	0.019	0	0	0	2
PL.22998	PL.22999	C	4ACSR	15.03Y	125.3	0.00	0.71	0.41	0	6	2	95	0.00	0.0	2.566	0.028	0	0	0	2
573202	PL.22998	C	Consumer	15.03Y	125.3	0.00	0.71	0.31	0	4	2	89	0.00	0.0	2.566	0.000	4	2	1	1
573210	PL.22998	C	Consumer	15.03Y	125.3	0.00	0.71	0.10	0	1	1	71	0.00	0.0	2.566	0.000	1	1	1	1
PL.11823	PL.11822	C	4ACSR	15.03Y	125.3	0.00	0.71	0.38	0	5	2	93	0.00	0.0	2.480	0.002	0	0	0	1
PD.2840	PL.11823	C	fuse6AMP	15.03Y	125.3	0.00	0.71	0.38	6	5	2	93	0.00	0.0	2.480	0.000	0	0	0	1
PL.11824	PD.2840	C	4ACSR	15.03Y	125.3	0.00	0.71	0.38	0	5	2	93	0.00	0.0	2.502	0.022	0	0	0	1
574206	PL.11824	C	Consumer	15.03Y	125.3	0.00	0.71	0.38	0	5	2	93	0.00	0.0	2.502	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	15.03Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	2.502	0.000	0	0	0	0
573303	PL.7520	C	Consumer	15.04Y	125.3	0.00	0.67	0.22	0	3	1	95	0.00	0.0	2.371	0.000	3	1	1	1
573301	PL.7520	C	Consumer	15.04Y	125.3	0.00	0.67	0.16	0	2	1	89	0.00	0.0	2.371	0.000	2	1	1	1
PL.22168	PL.7520	C	4ACSR	15.04Y	125.3	0.00	0.67	0.45	0	6	2	95	0.00	0.0	2.375	0.004	0	0	0	2
PD.3492	PL.22168	C	fuse6AMP	15.04Y	125.3	0.00	0.67	0.45	8	6	2	95	0.00	0.0	2.375	0.000	0	0	0	2
PL.22169	PD.3492	C	4ACSR	15.04Y	125.3	0.00	0.67	0.45	0	6	2	95	0.00	0.0	2.447	0.072	0	0	0	2
573209	PL.22169	C	Consumer	15.04Y	125.3	0.00	0.67	0.22	0	3	1	95	0.00	0.0	2.447	0.000	3	1	1	1
572301	PL.22169	C	Consumer	15.04Y	125.3	0.00	0.67	0.23	0	3	1	95	0.00	0.0	2.447	0.000	3	1	1	1
573401	PL.25962	C	Consumer	15.04Y	125.4	0.00	0.63	0.30	0	4	2	89	0.00	0.0	2.253	0.000	4	2	1	1
572412	PL.25962	C	Consumer	15.04Y	125.4	0.00	0.63	0.04	0	1	0	100	0.00	0.0	2.253	0.000	1	0	1	1
572411	PL.25962	C	Consumer	15.04Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	2.253	0.000	0	0	0	0
572404	PL.25962	C	Consumer	15.04Y	125.4	0.00	0.63	0.19	0	3	1	95	0.00	0.0	2.253	0.000	3	1	1	1
572406	PL.25962	C	Consumer	15.04Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	2.253	0.000	0	0	1	1
PL.30315	PL.25958	C	4ACSR	15.06Y	125.5	0.00	0.53	0.21	0	3	1	95	0.00	0.0	2.090	0.048	0	0	0	1
5715009	PL.30315	C	Consumer	15.06Y	125.5	0.00	0.53	0.21	0	3	1	95	0.00	0.0	2.090	0.000	3	1	1	1
443601	PL.25952	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	2.011	0.000	0	0	0	0
PL.25717	PL.25955	B	4ACSR	15.12Y	126.0	0.00	0.04	3.29	3	46	18	93	0.00	0.0	1.759	0.015	0	0	0	19
PD.351-A	PL.25717	B	Closed	15.12Y	126.0	0.00	0.04	3.29	0	46	18	93	0.00	0.0	1.759	0.000	0	0	0	19
PD.351-B	PD.351-A	B	Closed	15.12Y	126.0	0.00	0.04	3.29	0	46	18	93	0.00	0.0	1.759	0.000	0	0	0	19
PL.25718	PD.351-B	B	4ACSR	15.11Y	126.0	0.00	0.04	3.29	3	46	18	93	0.00	0.0	1.802	0.044	0	0	0	19
PL.25715	PL.25718	B	4ACSR	15.11Y	126.0	0.00	0.04	3.21	3	45	18	93	0.00	0.0	1.805	0.003	0	0	0	17
PL.25716	PL.25715	B	4ACSR	15.11Y	125.9	0.03	0.07	3.21	3	45	18	93	0.01	0.0	2.160	0.355	0	0	0	17
PL.10835	PL.25716	B	4ACSR	15.11Y	125.9	0.01	0.08	2.78	2	39	15	93	0.00	0.0	2.348	0.188	0	0	0	14
PL.10838	PL.10835	B	4ACSR	15.11Y	125.9	0.01	0.09	2.72	2	38	15	93	0.00	0.0	2.516	0.168	0	0	0	13
PL.10839	PL.10838	B	4ACSR	15.11Y	125.9	0.01	0.10	1.43	1	20	8	93	0.00	0.0	2.781	0.264	0	0	0	7
PL.20792	PL.10839	B	4ACSR	15.11Y	125.9	0.01	0.11	1.43	1	20	8	93	0.00	0.0	3.025	0.244	0	0	0	7
PL.20794	PL.20792	B	4ACSR	15.11Y	125.9	0.00	0.11	0.85	1	12	5	92	0.00	0.0	3.044	0.019	0	0	0	3
PD.1090	PL.20794	B	fuse6AMP	15.11Y	125.9	0.00	0.11	0.85	15	12	5	92	0.00	0.0	3.044	0.000	0	0	0	3
PL.20795	PD.1090	B	4ACSR	15.11Y	125.9	0.00	0.11	0.85	1	12	5	92	0.00	0.0	3.114	0.070	0	0	0	3
PL.20793	PL.20795	B	4ACSR	15.11Y	125.9	0.00	0.11	0.18	0	3	1	95	0.00	0.0	3.194	0.080	0	0	0	1
443706	PL.20793	B	Consumer	15.11Y	125.9	0.00	0.11	0.18	0	3	1	95	0.00	0.0	3.194	0.000	3	1	1	1
PL.23345	PL.20795	B	4ACSR	15.11Y	125.9	0.00	0.11	0.67	1	9	4	91	0.00	0.0	3.208	0.094	0	0	0	2
443711	PL.23345	B	Consumer	15.11Y	125.9	0.00	0.11	0.23	0	3	1	95	0.00	0.0	3.208	0.000	3	1	1	1
443713	PL.23345	B	Consumer	15.11Y	125.9	0.00	0.11	0.43	0	6	2	95	0.00	0.0	3.208	0.000	6	2	1	1
443710	PL.23345	B	Consumer	15.11Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	3.208	0.000	0	0	0	0
PL.20796	PL.20792	B	4ACSR	15.11Y	125.9	0.00	0.11	0.58	0	8	3	94	0.00	0.0	3.150	0.125	0	0	0	4
PL.20797	PL.20796	B	4ACSR	15.11Y	125.9	0.00	0.11	0.26	0	4	1	97	0.00	0.0	3.167	0.017	0	0	0	2
PD.1091	PL.20797	B	fuse6AMP	15.11Y	125.9	0.00	0.11	0.26	4	4	1	97	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\SUMMER\PROPOSED SUMMER 06-10 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	15.11Y	125.9	0.00	0.11	0.26	0	4	1	97	0.00	0.0	3.302	0.135	0	0	0	2
PL.23346	PL.20798	B	4ACSR	15.11Y	125.9	0.00	0.11	0.26	0	4	1	97	0.00	0.0	3.337	0.035	0	0	0	1
PL.23329	PL.23346	B	4ACSR	15.11Y	125.9	0.00	0.11	0.26	0	4	1	97	0.00	0.0	3.582	0.245	0	0	0	1
442701	PL.23329	B	Consumer	15.11Y	125.9	0.00	0.11	0.26	0	4	1	97	0.00	0.0	3.582	0.000	4	1	1	1
PL.20799	PL.20798	B	4ACSR	15.11Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	3.340	0.038	0	0	0	1
443701	PL.20799	B	Consumer	15.11Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	3.340	0.000	0	0	1	1
PL.29030	PL.20796	B	4ACSR	15.11Y	125.9	0.00	0.11	0.33	0	5	2	93	0.00	0.0	3.152	0.001	0	0	0	2
PL.20800	PL.29030	B	4ACSR	15.11Y	125.9	0.00	0.11	0.33	0	5	2	93	0.00	0.0	3.266	0.115	0	0	0	2
PD.1092	PL.20800	B	fuse6AMP	15.11Y	125.9	0.00	0.11	0.33	6	5	2	93	0.00	0.0	3.266	0.000	0	0	0	2
PL.21267	PD.1092	B	4ACSR	15.11Y	125.9	0.00	0.11	0.33	0	5	2	93	0.00	0.0	3.588	0.322	0	0	0	2
PL.10840	PL.21267	B	4ACSR	15.11Y	125.9	0.00	0.11	0.33	0	5	2	93	0.00	0.0	3.680	0.091	0	0	0	2
PL.10841	PL.10840	B	4ACSR	15.11Y	125.9	0.00	0.11	0.03	0	0	0	100	0.00	0.0	3.733	0.053	0	0	0	1
PL.45312	PL.10841	B	4ACSR	15.11Y	125.9	0.00	0.12	0.03	0	0	0	100	0.00	0.0	3.874	0.141	0	0	0	1
PL.45313	PL.45312	B	4ACSR	15.11Y	125.9	0.00	0.12	0.03	0	0	0	100	0.00	0.0	3.928	0.054	0	0	0	1
442703	PL.45313	B	Consumer	15.11Y	125.9	0.00	0.12	0.03	0	0	0	100	0.00	0.0	3.928	0.000	0	0	1	1
442704	PL.45313	B	Consumer	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	3.928	0.000	0	0	0	0
4427006	PL.45312	B	Consumer	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	3.874	0.000	0	0	0	0
442705	PL.10840	B	Consumer	15.11Y	125.9	0.00	0.11	0.29	0	4	2	89	0.00	0.0	3.680	0.000	4	2	1	1
442702	PL.10840	B	Consumer	15.11Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	3.680	0.000	0	0	0	0
PL.2563	PL.10838	B	4ACSR	15.11Y	125.9	0.00	0.09	0.00	0	0	0	100	0.00	0.0	2.559	0.043	0	0	0	0
PL.20850	PL.10838	B	4ACSR	15.11Y	125.9	0.00	0.09	1.29	1	18	7	93	0.00	0.0	2.519	0.002	0	0	0	6
PL.20790	PL.20850	B	4ACSR	15.11Y	125.9	0.00	0.09	1.29	1	18	7	93	0.00	0.0	2.525	0.006	0	0	0	6
PD.1089	PL.20790	B	fuse6AMP	15.11Y	125.9	0.00	0.09	1.29	22	18	7	93	0.00	0.0	2.525	0.000	0	0	0	6
PL.20791	PD.1089	B	4ACSR	15.11Y	125.9	0.00	0.09	1.29	1	18	7	93	0.00	0.0	2.547	0.021	0	0	0	6
443646	PL.20791	B	Consumer	15.11Y	125.9	0.00	0.09	0.17	0	2	1	89	0.00	0.0	2.547	0.000	2	1	1	1
443658	PL.20791	B	Consumer	15.11Y	125.9	0.00	0.09	0.32	0	5	2	93	0.00	0.0	2.547	0.000	5	2	1	1
PL.23281	PL.20791	B	4ACSR	15.11Y	125.9	0.00	0.09	0.79	1	11	4	94	0.00	0.0	2.580	0.033	0	0	0	4
443655	PL.23281	B	Consumer	15.11Y	125.9	0.00	0.09	0.15	0	2	1	89	0.00	0.0	2.580	0.000	2	1	1	1
PL.20848	PL.23281	B	4ACSR	15.11Y	125.9	0.00	0.09	0.65	1	9	4	91	0.00	0.0	2.620	0.040	0	0	0	3
PL.20849	PL.20848	B	4ACSR	15.11Y	125.9	0.00	0.10	0.22	0	3	1	95	0.00	0.0	2.726	0.107	0	0	0	1
443709	PL.20849	B	Consumer	15.11Y	125.9	0.00	0.10	0.22	0	3	1	95	0.00	0.0	2.726	0.000	3	1	1	1
443617	PL.20848	B	Consumer	15.11Y	125.9	0.00	0.09	0.13	0	2	1	89	0.00	0.0	2.620	0.000	2	1	1	1
443620	PL.20848	B	Consumer	15.11Y	125.9	0.00	0.09	0.30	0	4	2	89	0.00	0.0	2.620	0.000	4	2	1	1
PL.20844	PL.10835	B	4ACSR	15.11Y	125.9	0.00	0.08	0.06	0	1	0	100	0.00	0.0	2.359	0.011	0	0	0	1
PD.1088	PL.20844	B	fuse6AMP	15.11Y	125.9	0.00	0.08	0.06	1	1	0	100	0.00	0.0	2.359	0.000	0	0	0	1
PL.20845	PD.1088	B	4ACSR	15.11Y	125.9	0.00	0.08	0.06	0	1	0	100	0.00	0.0	2.408	0.049	0	0	0	1
443640	PL.20845	B	Consumer	15.11Y	125.9	0.00	0.08	0.06	0	1	0	100	0.00	0.0	2.408	0.000	1	0	1	1
PL.20842	PL.25716	B	4ACSR	15.11Y	125.9	0.00	0.07	0.43	0	6	2	95	0.00	0.0	2.171	0.011	0	0	0	3

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	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PD.1087	PL.20842	B	fuse6AMP	15.11Y	125.9	0.00	0.07	0.43	7	6	2	95	0.00	0.0	2.171	0.000	0	0	0	3
PL.20843	PD.1087	B	4ACSR	15.11Y	125.9	0.00	0.07	0.43	0	6	2	95	0.00	0.0	2.306	0.135	0	0	0	3
443609	PL.20843	B	Consumer	15.11Y	125.9	0.00	0.07	0.03	0	0	0	100	0.00	0.0	2.306	0.000	0	0	1	1
4436063	PL.20843	B	Consumer	15.11Y	125.9	0.00	0.07	0.24	0	3	1	95	0.00	0.0	2.306	0.000	3	1	1	1
443626	PL.20843	B	Consumer	15.11Y	125.9	0.00	0.07	0.17	0	2	1	89	0.00	0.0	2.306	0.000	2	1	1	1
443627	PL.25718	B	Consumer	15.11Y	126.0	0.00	0.04	0.08	0	1	0	100	0.00	0.0	1.802	0.000	1	0	1	1
443647	PL.25718	B	Consumer	15.11Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0	1.802	0.000	0	0	1	1
443654	PL.9707	B	Consumer	15.11Y	125.9	0.00	0.10	0.06	0	1	0	100	0.00	0.0	1.054	0.000	1	0	1	1
4446095	PL.44215	B	Consumer	15.11Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	0.943	0.000	0	0	1	1
444627	PL.6856	B	Consumer	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	0.761	0.000	0	0	0	0
444602	PL.6856	B	Consumer	15.11Y	125.9	0.00	0.12	0.11	0	2	1	89	0.00	0.0	0.761	0.000	2	1	1	1
444605	PL.6856	B	Consumer	15.11Y	125.9	0.00	0.12	0.14	0	2	1	89	0.00	0.0	0.761	0.000	2	1	1	1
PL.10506	PL.6856	A	4ACSR	15.07Y	125.6	0.00	0.43	2.14	2	30	12	93	0.00	0.0	0.767	0.005	0	0	0	6
PD.1079	PL.10506	A	fuse6AMP	15.07Y	125.6	0.00	0.43	2.14	36	30	12	93	0.00	0.0	0.767	0.000	0	0	0	6
PL.9696	PD.1079	A	4ACSR	15.07Y	125.6	0.00	0.44	2.14	2	30	12	93	0.00	0.0	0.866	0.099	0	0	0	6
PL.39728	PL.9696	A	2ACSR	15.07Y	125.6	0.00	0.44	1.70	1	24	9	94	0.00	0.0	1.008	0.142	0	0	0	5
PL.39730	PL.39728	A	2ACSR	15.07Y	125.6	0.00	0.44	1.70	1	24	9	94	0.00	0.0	1.042	0.034	0	0	0	5
PL.43743	PL.39730	A	2ACSR	15.07Y	125.6	0.00	0.44	1.42	1	20	8	93	0.00	0.0	1.111	0.069	0	0	0	4
4446094	PL.43743	A	Consumer	15.07Y	125.6	0.00	0.44	0.16	0	2	1	89	0.00	0.0	1.111	0.000	2	1	1	1
PL.43744	PL.43743	A	2ACSR	15.07Y	125.6	0.00	0.44	1.27	1	18	7	93	0.00	0.0	1.139	0.028	0	0	0	3
PL.39734	PL.43744	A	2ACSR	15.07Y	125.6	0.00	0.45	0.94	1	13	5	93	0.00	0.0	1.206	0.068	0	0	0	2
444678	PL.39734	A	Consumer	15.07Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	1.206	0.000	0	0	0	0
PL.39736	PL.39734	A	2ACSR	15.07Y	125.6	0.00	0.45	0.94	1	13	5	93	0.00	0.0	1.257	0.051	0	0	0	2
4446093	PL.39736	A	Consumer	15.07Y	125.6	0.00	0.45	0.36	0	5	2	93	0.00	0.0	1.257	0.000	5	2	1	1
444688	PL.39736	A	Consumer	15.07Y	125.6	0.00	0.45	0.58	0	8	3	94	0.00	0.0	1.257	0.000	8	3	1	1
PL.39737	PL.39736	A	2ACSR	15.07Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	1.291	0.034	0	0	0	0
444687	PL.39737	A	Consumer	15.07Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	1.291	0.000	0	0	0	0
4446092	PL.43744	A	Consumer	15.07Y	125.6	0.00	0.44	0.32	0	5	2	93	0.00	0.0	1.139	0.000	5	2	1	1
444666	PL.39730	A	Consumer	15.07Y	125.6	0.00	0.44	0.28	0	4	2	89	0.00	0.0	1.042	0.000	4	2	1	1
444631	PL.9696	A	Consumer	15.07Y	125.6	0.00	0.44	0.43	0	6	2	95	0.00	0.0	0.866	0.000	6	2	1	1
PL.9697	PL.6856	B	4ACSR	15.11Y	125.9	0.00	0.12	2.24	2	32	12	94	0.00	0.0	0.766	0.005	0	0	0	12
PD.1080	PL.9697	B	fuse8AMP	15.11Y	125.9	0.00	0.12	2.24	31	32	12	94	0.00	0.0	0.766	0.000	0	0	0	12
PL.9698	PD.1080	B	4ACSR	15.10Y	125.9	0.00	0.13	2.24	2	32	12	94	0.00	0.0	0.844	0.077	0	0	0	12
444629	PL.9698	B	Consumer	15.10Y	125.9	0.00	0.13	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	125.9	0.00	0.13	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	125.9	0.00	0.13	0.22	0	3	1	95	0.00	0.0	0.844	0.000	3	1	1	1
PL.9699	PL.9698	B	4ACSR	15.10Y	125.9	0.00	0.13	2.02	2	28	11	93	0.00	0.0	0.939	0.095	0	0	0	11
PL.20840	PL.9699	B	4ACSR	15.10Y	125.9	0.00	0.13	0.23	0	3	1	95	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\SUMMER\PROPOSED SUMMER 06-10 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	125.9	0.00	0.13	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	125.9	0.00	0.13	0.23	0	3	1	95	0.00	0.0	1.082	0.088	0	0	0	1
444623	PL.23339	B	Consumer	15.10Y	125.9	0.00	0.13	0.23	0	3	1	95	0.00	0.0	1.082	0.000	3	1	1	1
PL.9700	PL.9699	B	4ACSR	15.10Y	125.9	0.01	0.14	1.79	2	25	10	93	0.00	0.0	1.076	0.137	0	0	0	10
444609	PL.9700	B	Consumer	15.10Y	125.9	0.00	0.14	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	125.9	0.01	0.15	1.79	2	25	10	93	0.00	0.0	1.388	0.313	0	0	0	9
PL.10837	PL.10836	B	4ACSR	15.10Y	125.9	0.00	0.15	1.32	1	19	7	94	0.00	0.0	1.447	0.058	0	0	0	6
PL.6859	PL.10837	B	4ACSR	15.10Y	125.8	0.00	0.15	0.69	1	10	4	93	0.00	0.0	1.518	0.071	0	0	0	4
PL.23342	PL.6859	B	4ACSR	15.10Y	125.8	0.00	0.15	0.26	0	4	1	97	0.00	0.0	1.589	0.072	0	0	0	2
PL.23341	PL.23342	B	4ACSR	15.10Y	125.8	0.00	0.15	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	0.15	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	0.15	0.26	0	4	1	97	0.00	0.0	1.589	0.000	4	1	1	1
PL.6858	PL.6859	B	4ACSR	15.10Y	125.8	0.00	0.15	0.43	0	6	2	95	0.00	0.0	1.553	0.035	0	0	0	2
443622	PL.6858	B	Consumer	15.10Y	125.8	0.00	0.15	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	0.15	0.43	0	6	2	95	0.00	0.0	1.553	0.000	6	2	1	1
443642	PL.6858	B	Consumer	15.10Y	125.8	0.00	0.15	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	125.9	0.00	0.15	0.36	0	5	2	93	0.00	0.0	1.447	0.000	5	2	1	1
443612	PL.10837	B	Consumer	15.10Y	125.9	0.00	0.15	0.27	0	4	1	97	0.00	0.0	1.447	0.000	4	1	1	1
443624	PL.10837	B	Consumer	15.10Y	125.9	0.00	0.15	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	0.15	0.47	0	7	3	92	0.00	0.0	1.574	0.186	0	0	0	3
443712	PL.23166	B	Consumer	15.10Y	125.8	0.00	0.15	0.03	0	0	0	100	0.00	0.0	1.574	0.000	0	0	1	1
443702	PL.23166	B	Consumer	15.10Y	125.8	0.00	0.15	0.44	0	6	2	95	0.00	0.0	1.574	0.000	6	2	1	1
PL.20846	PL.23166	B	4ACSR	15.10Y	125.8	0.00	0.15	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	0.15	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	0.15	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	0.15	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	0.15	0.00	0	0	0	100	0.00	0.0	1.697	0.113	0	0	0	0
444620	PL.46546	B	Consumer	15.11Y	125.9	0.00	0.12	0.05	0	1	0	100	0.00	0.0	0.726	0.000	1	0	1	1
444606	PL.46546	B	Consumer	15.11Y	125.9	0.00	0.12	0.03	0	0	0	100	0.00	0.0	0.726	0.000	0	0	1	1
444611	PL.46546	B	Consumer	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	0.726	0.000	0	0	0	0
PL.25906	PL.25904	B	4ACSR	15.10Y	125.9	0.00	0.13	4.00	3	56	22	93	0.00	0.0	0.554	0.002	0	0	0	12
PD.983	PL.25906	B	fuse10AMP	15.10Y	125.9	0.00	0.13	4.00	42	56	22	93	0.00	0.0	0.554	0.000	0	0	0	12
PL.21260	PD.983	B	4ACSR	15.10Y	125.9	0.00	0.13	4.00	3	56	22	93	0.00	0.0	0.576	0.023	0	0	0	12
444656	PL.21260	B	Consumer	15.10Y	125.9	0.00	0.13	0.21	0	3	1	95	0.00	0.0	0.576	0.000	3	1	1	1
PL.45953	PL.21260	B	4ACSR	15.10Y	125.9	0.00	0.14	3.79	3	53	21	93	0.00	0.0	0.600	0.024	0	0	0	11
PL.45954	PL.45953	B	4ACSR	15.10Y	125.9	0.00	0.14	3.79	3	53	21	93	0.00	0.0	0.626	0.026	0	0	0	11
444655	PL.45954	B	Consumer	15.10Y	125.9	0.00	0.14	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	125.9	0.00	0.14	3.79	3	53	21	93	0.00	0.0	0.626	0.000	0	0	0	11

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	125.9	0.00	0.14	3.79	3	53	21	93	0.00	0.0	0.677	0.051	0	0	0	11
4446096	PL.45952	B	Consumer	15.10Y	125.9	0.00	0.14	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	125.9	0.00	0.15	3.79	3	53	21	93	0.00	0.0	0.704	0.027	0	0	0	11
PL.23289	PL.21262	B	4ACSR	15.10Y	125.8	0.01	0.15	2.97	2	42	16	93	0.00	0.0	0.789	0.084	0	0	0	9
PL.23290	PL.23289	B	4ACSR	15.10Y	125.8	0.00	0.16	2.15	2	30	12	93	0.00	0.0	0.873	0.084	0	0	0	6
444673	PL.23290	B	Consumer	15.10Y	125.8	0.00	0.16	0.00	0	0	0	100	0.00	0.0	0.873	0.000	0	0	0	0
PL.23291	PL.23290	B	4ACSR	15.10Y	125.8	0.00	0.16	2.15	2	30	12	93	0.00	0.0	0.946	0.073	0	0	0	6
PL.21263	PL.23291	B	4ACSR	15.10Y	125.8	0.00	0.16	1.64	1	23	9	93	0.00	0.0	0.987	0.041	0	0	0	5
PL.21264	PL.21263	B	4ACSR	15.10Y	125.8	0.00	0.16	1.64	1	23	9	93	0.00	0.0	1.048	0.060	0	0	0	5
444643	PL.21264	B	Consumer	15.10Y	125.8	0.00	0.16	0.16	0	2	1	89	0.00	0.0	1.048	0.000	2	1	1	1
PL.21265	PL.21264	B	4ACSR	15.10Y	125.8	0.00	0.16	1.48	1	21	8	93	0.00	0.0	1.095	0.048	0	0	0	4
PL.23285	PL.21265	B	4ACSR	15.10Y	125.8	0.00	0.17	1.04	1	15	6	93	0.00	0.0	1.144	0.049	0	0	0	3
444726	PL.23285	B	Consumer	15.10Y	125.8	0.00	0.17	0.32	0	4	2	89	0.00	0.0	1.144	0.000	4	2	1	1
444722	PL.23285	B	Consumer	15.10Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	1.144	0.000	0	0	0	0
PL.23286	PL.23285	B	4ACSR	15.10Y	125.8	0.00	0.17	0.35	0	5	2	93	0.00	0.0	1.281	0.137	0	0	0	1
444721	PL.23286	B	Consumer	15.10Y	125.8	0.00	0.17	0.35	0	5	2	93	0.00	0.0	1.281	0.000	5	2	1	1
PL.23349	PL.23286	B	4ACSR	15.10Y	125.8	0.00	0.17	0.37	0	5	2	93	0.00	0.0	1.176	0.032	0	0	0	1
444727	PL.23349	B	Consumer	15.10Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	1.176	0.000	0	0	0	0
444723	PL.23349	B	Consumer	15.10Y	125.8	0.00	0.17	0.37	0	5	2	93	0.00	0.0	1.176	0.000	5	2	1	1
PL.23350	PL.21265	B	4ACSR	15.10Y	125.8	0.00	0.17	0.44	0	6	2	95	0.00	0.0	1.175	0.080	0	0	0	1
444659	PL.23350	B	Consumer	15.10Y	125.8	0.00	0.17	0.44	0	6	2	95	0.00	0.0	1.175	0.000	6	2	1	1
PL.23348	PL.21263	B	4ACSR	15.10Y	125.8	0.00	0.16	0.00	0	0	0	100	0.00	0.0	1.040	0.053	0	0	0	0
444720	PL.23348	B	Consumer	15.10Y	125.8	0.00	0.16	0.00	0	0	0	100	0.00	0.0	1.040	0.000	0	0	0	0
444641	PL.23291	B	Consumer	15.10Y	125.8	0.00	0.16	0.51	0	7	3	92	0.00	0.0	0.946	0.000	7	3	1	1
444676	PL.23289	B	Consumer	15.10Y	125.8	0.00	0.15	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	0.15	0.28	0	4	2	89	0.00	0.0	0.789	0.000	4	2	1	1
4446101	PL.23289	B	Consumer	15.10Y	125.8	0.00	0.15	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	0.15	0.55	0	8	3	94	0.00	0.0	0.847	0.058	0	0	0	2
4446099	PL.23351	B	Consumer	15.10Y	125.8	0.00	0.15	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	0.15	0.47	0	7	3	92	0.00	0.0	0.847	0.000	7	3	1	1
444672	PL.23351	B	Consumer	15.10Y	125.8	0.00	0.15	0.09	0	1	0	100	0.00	0.0	0.847	0.000	1	0	1	1
444662	PL.21262	B	Consumer	15.10Y	125.9	0.00	0.15	0.47	0	7	3	92	0.00	0.0	0.704	0.000	7	3	1	1
444658	PL.21262	B	Consumer	15.10Y	125.9	0.00	0.15	0.35	0	5	2	93	0.00	0.0	0.704	0.000	5	2	1	1
4446102	PL.45951	B	Consumer	15.10Y	125.9	0.00	0.14	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	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	0.600	0.000	0	0	0	0
444664	PL.25903	C	Consumer	15.10Y	125.8	0.00	0.20	0.93	0	13	6	91	0.00	0.0	0.477	0.000	13	6	1	1
PL.10125	PL.10124	B	4ACSR	15.10Y	125.9	0.00	0.14	4.16	3	59	23	93	0.00	0.0	0.450	0.004	0	0	0	15
PD.982	PL.10125	B	fuse10AMP	15.10Y	125.9	0.00	0.14	4.16	43	59	23	93	0.00	0.0	0.450	0.000	0	0	0	15

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.25902	PD.982	B	4ACSR	15.10Y	125.9	0.01	0.14	4.16	3	59	23	93	0.00	0.0	0.516	0.066	0	0	0	15
PL.10126	PL.25902	B	4ACSR	15.10Y	125.9	0.00	0.14	3.65	3	51	20	93	0.00	0.0	0.552	0.036	0	0	0	13
PL.6866	PL.10126	B	4ACSR	15.10Y	125.9	0.00	0.15	3.65	3	51	20	93	0.00	0.0	0.580	0.028	0	0	0	13
PL.6867	PL.6866	B	4ACSR	15.10Y	125.8	0.00	0.15	3.65	3	51	20	93	0.00	0.0	0.636	0.056	0	0	0	13
444636	PL.6867	B	Consumer	15.10Y	125.8	0.00	0.15	0.19	0	3	1	95	0.00	0.0	0.636	0.000	3	1	1	1
PL.2562	PL.6867	B	4ACSR	15.10Y	125.8	0.00	0.15	0.01	0	0	0	100	0.00	0.0	0.674	0.038	0	0	0	1
444671	PL.2562	B	Consumer	15.10Y	125.8	0.00	0.15	0.01	0	0	0	100	0.00	0.0	0.674	0.000	0	0	1	1
444651	PL.2562	B	Consumer	15.10Y	125.8	0.00	0.15	0.00	0	0	0	100	0.00	0.0	0.674	0.000	0	0	0	0
PL.2301	PL.6867	B	4ACSR	15.10Y	125.8	0.00	0.16	3.45	3	49	19	93	0.00	0.0	0.684	0.048	0	0	0	11
PL.2561	PL.2301	B	4ACSR	15.10Y	125.8	0.01	0.16	3.45	3	49	19	93	0.00	0.0	0.776	0.092	0	0	0	11
PL.2298	PL.2561	B	4ACSR	15.10Y	125.8	0.00	0.16	2.00	2	28	11	93	0.00	0.0	0.804	0.028	0	0	0	5
PL.2299	PL.2298	B	4ACSR	15.10Y	125.8	0.00	0.17	0.59	0	8	3	94	0.00	0.0	0.857	0.053	0	0	0	2
444654	PL.2299	B	Consumer	15.10Y	125.8	0.00	0.17	0.38	0	5	2	93	0.00	0.0	0.857	0.000	5	2	1	1
444670	PL.2299	B	Consumer	15.10Y	125.8	0.00	0.17	0.21	0	3	1	95	0.00	0.0	0.857	0.000	3	1	1	1
444652	PL.2298	B	Consumer	15.10Y	125.8	0.00	0.16	0.56	0	8	3	94	0.00	0.0	0.804	0.000	8	3	1	1
444686	PL.2298	B	Consumer	15.10Y	125.8	0.00	0.16	0.34	0	5	2	93	0.00	0.0	0.804	0.000	5	2	1	1
444668	PL.2298	B	Consumer	15.10Y	125.8	0.00	0.16	0.50	0	7	3	92	0.00	0.0	0.804	0.000	7	3	1	1
PL.2302	PL.2561	B	4ACSR	15.10Y	125.8	0.00	0.16	0.61	1	9	3	95	0.00	0.0	0.846	0.070	0	0	0	2
444667	PL.2302	B	Consumer	15.10Y	125.8	0.00	0.16	0.29	0	4	2	89	0.00	0.0	0.846	0.000	4	2	1	1
444645	PL.2302	B	Consumer	15.10Y	125.8	0.00	0.16	0.32	0	5	2	93	0.00	0.0	0.846	0.000	5	2	1	1
444663	PL.2561	B	Consumer	15.10Y	125.8	0.00	0.16	0.23	0	3	1	95	0.00	0.0	0.776	0.000	3	1	1	1
444660	PL.2561	B	Consumer	15.10Y	125.8	0.00	0.16	0.25	0	4	1	97	0.00	0.0	0.776	0.000	4	1	1	1
PL.2560	PL.2561	B	4ACSR	15.10Y	125.8	0.00	0.16	0.37	0	5	2	93	0.00	0.0	0.881	0.105	0	0	0	2
444649	PL.2560	B	Consumer	15.10Y	125.8	0.00	0.16	0.17	0	2	1	89	0.00	0.0	0.881	0.000	2	1	1	1
444648	PL.2560	B	Consumer	15.10Y	125.8	0.00	0.16	0.00	0	0	0	100	0.00	0.0	0.881	0.000	0	0	0	0
444684	PL.2560	B	Consumer	15.10Y	125.8	0.00	0.16	0.20	0	3	1	95	0.00	0.0	0.881	0.000	3	1	1	1
444632	PL.25902	B	Consumer	15.10Y	125.9	0.00	0.14	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	125.9	0.00	0.14	0.17	0	2	1	89	0.00	0.0	0.516	0.000	2	1	1	1
444640	PL.25902	B	Consumer	15.10Y	125.9	0.00	0.14	0.34	0	5	2	93	0.00	0.0	0.516	0.000	5	2	1	1
4446098	444640	B	Consumer	15.10Y	125.9	0.00	0.14	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	125.9	0.00	0.14	1.22	1	17	7	92	0.00	0.0	0.192	0.007	0	0	0	3
PD.2458	PL.21259	B	50V4E	15.10Y	125.9	0.00	0.14	1.22	2	17	7	92	0.00	0.0	0.192	0.000	0	0	0	3
PL.21266	PD.2458	B	4ACSR	15.10Y	125.9	0.00	0.14	1.22	1	17	7	92	0.00	0.0	0.346	0.154	0	0	0	3
PL.21073	PL.21266	B	4ACSR	15.10Y	125.9	0.00	0.14	0.29	0	4	2	89	0.00	0.0	0.428	0.082	0	0	0	1
PL.23343	PL.21073	B	4ACSR	15.10Y	125.9	0.00	0.14	0.29	0	4	2	89	0.00	0.0	0.464	0.036	0	0	0	1
444610	PL.23343	B	Consumer	15.10Y	125.9	0.00	0.14	0.29	0	4	2	89	0.00	0.0	0.464	0.000	4	2	1	1
PL.21075	PL.21073	B	4ACSR	15.10Y	125.9	0.00	0.14	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	125.9	0.00	0.14	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\SUMMER\PROPOSED SUMMER 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 (BLEVAL2) beginning with Device PD.2461.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.42322, PL.25918, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 data for various elements like PL.25924, PD.7692-A, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.2296, PL.10663, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.42317	PL.25945	B	4ACSR	7.43Y	123.8	0.00	2.17	1.79	2	12	5	92	0.00	0.0	2.452	0.004	0	0	0	3
PD.7685	PL.42317	B	fuse6AMP	7.43Y	123.8	0.00	2.17	1.79	31	12	5	92	0.00	0.0	2.452	0.000	0	0	0	3
PL.42318	PD.7685	B	4ACSR	7.43Y	123.8	0.01	2.19	1.79	2	12	5	92	0.00	0.0	2.631	0.178	0	0	0	3
PL.23356	PL.42318	B	4ACSR	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	2.703	0.073	0	0	0	0
PL.23338	PL.23356	B	4ACSR	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	2.724	0.021	0	0	0	0
444710	PL.23356	B	Consumer	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	2.703	0.000	0	0	0	0
PL.23358	PL.42318	B	4ACSR	7.43Y	123.8	0.01	2.19	1.25	1	9	3	95	0.00	0.0	2.741	0.110	0	0	0	2
PL.23357	PL.23358	B	4ACSR	7.43Y	123.8	0.00	2.19	1.25	1	9	3	95	0.00	0.0	2.766	0.025	0	0	0	2
PL.23337	PL.23357	B	4ACSR	7.43Y	123.8	0.00	2.20	1.25	1	9	3	95	0.00	0.0	2.816	0.051	0	0	0	2
444708	PL.23337	B	Consumer	7.43Y	123.8	0.00	2.20	0.69	0	5	2	93	0.00	0.0	2.816	0.000	5	2	1	1
444712	PL.23337	B	Consumer	7.43Y	123.8	0.00	2.20	0.57	0	4	2	89	0.00	0.0	2.816	0.000	4	2	1	1
444804	PL.42318	B	Consumer	7.43Y	123.8	0.00	2.19	0.53	0	4	1	97	0.00	0.0	2.631	0.000	4	1	1	1
444807	PL.25944	B	Consumer	7.43Y	123.8	0.00	2.16	0.00	0	0	0	100	0.00	0.0	2.411	0.000	0	0	0	0
PL.10667	PL.10663	A	1/0CU	7.51Y	125.1	0.08	0.89	52.71	20	396	-8	-100	1.37	0.1	2.377	0.216	0	0	0	115
		B		7.43Y	123.8	0.15	2.22	60.31	23	448	20	100					0	0	0	112
		C		7.47Y	124.5	0.17	1.51	69.09	26	514	49	100					0	0	0	134
PL.10668	PL.10667	A	1/0CU	7.51Y	125.1	0.02	0.91	52.71	20	396	-8	-100	0.31	0.0	2.425	0.048	0	0	0	115
		B		7.42Y	123.7	0.03	2.26	60.31	23	447	20	100					0	0	0	112
		C		7.47Y	124.5	0.04	1.54	69.09	26	514	48	100					0	0	0	134
PL.10669	PL.10668	A	1/0CU	7.51Y	125.1	0.00	0.91	52.71	20	396	-8	-100	0.03	0.0	2.429	0.004	0	0	0	115
		B		7.42Y	123.7	0.00	2.26	60.31	23	447	19	100					0	0	0	112
		C		7.47Y	124.5	0.00	1.55	68.18	26	507	45	100					0	0	0	133
PL.10672	PL.10669	A	1/0CU	7.50Y	125.1	0.04	0.95	52.71	20	396	-8	-100	0.62	0.0	2.529	0.099	0	0	0	115
		B		7.42Y	123.7	0.07	2.33	60.31	23	447	19	100					0	0	0	112
		C		7.46Y	124.4	0.07	1.62	68.18	26	507	45	100					0	0	0	133
PL.6887	PL.10672	A	4ACSR	7.50Y	125.0	0.02	0.96	1.77	1	12	5	92	0.00	0.0	2.730	0.201	0	0	0	3
PL.25932	PL.6887	A	4ACSR	7.50Y	125.0	0.00	0.96	0.83	1	6	2	95	0.00	0.0	2.755	0.025	0	0	0	1
443808	PL.25932	A	Consumer	7.50Y	125.0	0.00	0.96	0.83	0	6	2	95	0.00	0.0	2.755	0.000	6	2	1	1
PL.2716	PL.6887	A	4ACSR	7.50Y	125.0	0.00	0.96	0.93	1	7	3	92	0.00	0.0	2.763	0.033	0	0	0	2
443859	PL.2716	A	Consumer	7.50Y	125.0	0.00	0.96	0.72	0	5	2	93	0.00	0.0	2.763	0.000	5	2	1	1
443858	PL.2716	A	Consumer	7.50Y	125.0	0.00	0.96	0.21	0	1	1	71	0.00	0.0	2.763	0.000	1	1	1	1
PL.25930	PL.10672	C	4ACSR	7.46Y	124.4	0.00	1.62	0.73	1	5	2	93	0.00	0.0	2.534	0.005	0	0	0	1
PD.1068	PL.25930	C	fuse6AMP	7.46Y	124.4	0.00	1.62	0.73	12	5	2	93	0.00	0.0	2.534	0.000	0	0	0	1
PL.25931	PD.1068	C	4ACSR	7.46Y	124.4	0.00	1.62	0.73	1	5	2	93	0.00	0.0	2.591	0.058	0	0	0	1
PL.2295	PL.25931	C	4ACSR	7.46Y	124.4	0.00	1.62	0.73	1	5	2	93	0.00	0.0	2.654	0.063	0	0	0	1
443705	PL.2295	C	Consumer	7.46Y	124.4	0.00	1.62	0.73	0	5	2	93	0.00	0.0	2.654	0.000	5	2	1	1
PL.10673	PL.10672	A	4ACSR	7.50Y	125.1	0.00	0.95	1.12	1	8	3	94	0.00	0.0	2.534	0.005	0	0	0	2
PD.1070	PL.10673	A	fuse6AMP	7.50Y	125.1	0.00	0.95	1.12	19	8	3	94	0.00	0.0	2.534	0.000	0	0	0	2
PL.10674	PD.1070	A	4ACSR	7.50Y	125.1	0.00	0.95	1.12	1	8	3	94	0.00	0.0	2.603	0.070	0	0	0	2
PL.2719	PL.10674	A	4ACSR	7.50Y	125.0	0.00	0.95	0.61	1	4	2	89	0.00	0.0	2.651	0.048	0	0	0	1
443862	PL.2719	A	Consumer	7.50Y	125.0	0.00	0.95	0.61	0	4	2	89	0.00	0.0	2.651	0.000	4	2	1	1
443814	PL.10674	A	Consumer	7.50Y	125.1	0.00	0.95	0.52	0	4	1	97	0.00	0.0	2.603	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

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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.20195, PL.20196, PL.42260, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 sub-headers for Units Displayed In Volts and Base Voltage:120.0-

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.12216, PD.354-A, 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. Rows include various elements like PL.2285, PL.32692, PL.32693, 4428096, 442883, 4428102, 442851, 442847, PL.12225, PL.20302, PL.20303, PL.12231, PD.977, PL.12232, PL.42632, PD.8531, PL.42633, 442894, 442823, 442846, 442811, PL.12233, PL.42634, PD.8532, PL.42635, 442850, PL.12234.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.41Y	123.6	0.04	2.43	9.94	8	69	27	93	0.02	0.0	4.862	0.085	0	0	0	29		
		C		7.41Y	123.4	0.00	2.58	0.00	0	0	0	100					0	0	0	0		
PL.6792	PL.6789	A	4ACSR	7.41Y	123.5	0.04	2.47	9.18	8	63	25	93	0.02	0.0	4.945	0.084	0	0	0	25		
442880	PL.6792	A	Consumer	7.41Y	123.5	0.00	2.47	0.46	0	3	1	95	0.00	0.0	4.945	0.000	3	1	1	1		
442853	PL.6792	A	Consumer	7.41Y	123.5	0.00	2.47	0.05	0	0	0	100	0.00	0.0	4.945	0.000	0	0	1	1		
442917	PL.6792	A	Consumer	7.41Y	123.5	0.00	2.47	1.12	0	8	3	94	0.00	0.0	4.945	0.000	8	3	1	1		
442840	PL.6792	A	Consumer	7.41Y	123.5	0.00	2.47	0.56	0	4	1	97	0.00	0.0	4.945	0.000	4	1	1	1		
442854	PL.6792	A	Consumer	7.41Y	123.5	0.00	2.47	0.00	0	0	0	100	0.00	0.0	4.945	0.000	0	0	0	0		
442879	PL.6792	A	Consumer	7.41Y	123.5	0.00	2.47	0.09	0	1	0	100	0.00	0.0	4.945	0.000	1	0	1	1		
442828	PL.6792	A	Consumer	7.41Y	123.5	0.00	2.47	0.61	0	4	2	89	0.00	0.0	4.945	0.000	4	2	1	1		
PL.42641	PL.6792	A	4ACSR	7.41Y	123.5	0.00	2.47	1.50	1	10	4	93	0.00	0.0	4.953	0.008	0	0	0	3		
PD.8535	PL.42641	A	fuse6AMP	7.41Y	123.5	0.00	2.47	1.50	26	10	4	93	0.00	0.0	4.953	0.000	0	0	0	3		
PL.42642	PD.8535	A	4ACSR	7.41Y	123.5	0.01	2.47	1.50	1	10	4	93	0.00	0.0	5.055	0.101	0	0	0	3		
PL.31871	PL.42642	A	4ACSR	7.41Y	123.5	0.00	2.48	0.66	1	5	2	93	0.00	0.0	5.120	0.065	0	0	0	1		
4428095	PL.31871	A	Consumer	7.41Y	123.5	0.00	2.48	0.66	0	5	2	93	0.00	0.0	5.120	0.000	5	2	1	1		
PL.31873	PL.42642	A	4ACSR	7.41Y	123.5	0.00	2.48	0.84	1	6	2	95	0.00	0.0	5.100	0.046	0	0	0	2		
442927	PL.31873	A	Consumer	7.41Y	123.5	0.00	2.48	0.15	0	1	0	100	0.00	0.0	5.100	0.000	1	0	1	1		
PL.20659	PL.31873	A	4ACSR	7.41Y	123.5	0.00	2.48	0.69	1	5	2	93	0.00	0.0	5.145	0.045	0	0	0	1		
442910	PL.20659	A	Consumer	7.41Y	123.5	0.00	2.48	0.69	0	5	2	93	0.00	0.0	5.145	0.000	5	2	1	1		
PL.42643	PL.6792	A	4ACSR	7.41Y	123.5	0.00	2.47	3.87	3	27	10	94	0.00	0.0	4.955	0.010	0	0	0	10		
PD.8536-A	PL.42643	A	Closed	7.41Y	123.5	0.00	2.47	3.87	0	27	10	94	0.00	0.0	4.955	0.000	0	0	0	10		
PD.8536-B	PD.8536-A	A	Closed	7.41Y	123.5	0.00	2.47	3.87	0	27	10	94	0.00	0.0	4.955	0.000	0	0	0	10		
PL.42644	PD.8536-B	A	4ACSR	7.41Y	123.5	0.02	2.49	3.87	3	27	10	94	0.00	0.0	5.068	0.113	0	0	0	10		
442919	PL.42644	A	Consumer	7.41Y	123.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	5.068	0.000	0	0	0	0		
442912	PL.42644	A	Consumer	7.41Y	123.5	0.00	2.49	1.01	0	7	3	92	0.00	0.0	5.068	0.000	7	3	1	1		
442904	PL.42644	A	Consumer	7.41Y	123.5	0.00	2.49	0.22	0	2	1	89	0.00	0.0	5.068	0.000	2	1	1	1		
442913	PL.42644	A	Consumer	7.41Y	123.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	5.068	0.000	0	0	0	0		
442925	PL.42644	A	Consumer	7.41Y	123.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	5.068	0.000	0	0	1	1		
442924	PL.42644	A	Consumer	7.41Y	123.5	0.00	2.49	0.49	0	3	1	95	0.00	0.0	5.068	0.000	3	1	1	1		
PL.12239	PL.42644	A	4ACSR	7.41Y	123.5	0.04	2.53	2.16	2	15	6	93	0.00	0.0	5.486	0.417	0	0	0	6		
PL.12240	PL.12239	A	4ACSR	7.41Y	123.5	0.01	2.54	1.39	1	10	4	93	0.00	0.0	5.672	0.186	0	0	0	4		
PL.12241	PL.12240	A	4ACSR	7.41Y	123.5	0.00	2.54	1.39	1	10	4	93	0.00	0.0	5.735	0.063	0	0	0	4		
PL.42647	PL.12241	A	4ACSR	7.41Y	123.5	0.00	2.55	0.87	1	6	2	95	0.00	0.0	5.738	0.004	0	0	0	2		
PD.8538	PL.42647	A	fuse6AMP	7.41Y	123.5	0.00	2.55	0.87	15	6	2	95	0.00	0.0	5.738	0.000	0	0	0	2		
PL.42648	PD.8538	A	4ACSR	7.41Y	123.5	0.00	2.55	0.87	1	6	2	95	0.00	0.0	5.834	0.096	0	0	0	2		
442920	PL.42648	A	Consumer	7.41Y	123.5	0.00	2.55	0.47	0	3	1	95	0.00	0.0	5.834	0.000	3	1	1	1		
4429029	PL.42648	A	Consumer	7.41Y	123.5	0.00	2.55	0.40	0	3	1	95	0.00	0.0	5.834	0.000	3	1	1	1		
PL.12461	PL.12241	A	4ACSR	7.41Y	123.5	0.00	2.55	0.51	0	4	1	97	0.00	0.0	5.822	0.087	0	0	0	2		
442914	PL.12461	A	Consumer	7.41Y	123.5	0.00	2.55	0.50	0	3	1	95	0.00	0.0	5.822	0.000	3	1	1	1		

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.32760	PL.12461	A	4ACSR	7.41Y	123.5	0.00	2.55	0.02	0	0	0	100	0.00	0.0	5.879	0.057	0	0	0	1
442928	PL.32760	A	Consumer	7.41Y	123.5	0.00	2.55	0.02	0	0	0	100	0.00	0.0	5.879	0.000	0	0	1	1
PL.42645	PL.12239	A	4ACSR	7.41Y	123.5	0.00	2.53	0.77	1	5	2	93	0.00	0.0	5.491	0.005	0	0	0	2
PD.8537	PL.42645	A	fuse6AMP	7.41Y	123.5	0.00	2.53	0.77	13	5	2	93	0.00	0.0	5.491	0.000	0	0	0	2
PL.42646	PD.8537	A	4ACSR	7.41Y	123.5	0.00	2.53	0.77	1	5	2	93	0.00	0.0	5.565	0.075	0	0	0	2
442926	PL.42646	A	Consumer	7.41Y	123.5	0.00	2.53	0.77	0	5	2	93	0.00	0.0	5.565	0.000	5	2	1	1
4429030	PL.42646	A	Consumer	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	5.565	0.000	0	0	1	1
PL.23200	PL.6792	A	4ACSR	7.41Y	123.5	0.00	2.47	0.93	1	6	2	95	0.00	0.0	4.978	0.033	0	0	0	6
442921	PL.23200	A	Consumer	7.41Y	123.5	0.00	2.47	0.00	0	0	0	100	0.00	0.0	4.978	0.000	0	0	0	0
442923	PL.23200	A	Consumer	7.41Y	123.5	0.00	2.47	0.42	0	3	1	95	0.00	0.0	4.978	0.000	3	1	1	1
442922	PL.23200	A	Consumer	7.41Y	123.5	0.00	2.47	0.21	0	1	1	71	0.00	0.0	4.978	0.000	1	1	1	1
442916	PL.23200	A	Consumer	7.41Y	123.5	0.00	2.47	0.00	0	0	0	100	0.00	0.0	4.978	0.000	0	0	1	1
PL.23201	PL.23200	A	4ACSR	7.41Y	123.5	0.00	2.47	0.30	0	2	1	89	0.00	0.0	5.050	0.072	0	0	0	3
PL.23199	PL.23201	A	4ACSR	7.41Y	123.5	0.00	2.47	0.00	0	0	0	100	0.00	0.0	5.126	0.076	0	0	0	1
442918	PL.23199	A	Consumer	7.41Y	123.5	0.00	2.47	0.00	0	0	0	100	0.00	0.0	5.126	0.000	0	0	1	1
442909	PL.23201	A	Consumer	7.41Y	123.5	0.00	2.47	0.00	0	0	0	100	0.00	0.0	5.050	0.000	0	0	1	1
442901	PL.23201	A	Consumer	7.41Y	123.5	0.00	2.47	0.30	0	2	1	89	0.00	0.0	5.050	0.000	2	1	1	1
4428100	PL.6789	A	Consumer	7.41Y	123.6	0.00	2.43	0.10	0	1	0	100	0.00	0.0	4.862	0.000	1	0	1	1
PL.23252	PL.6789	A	4ACSR	7.41Y	123.6	0.00	2.43	0.66	1	5	2	93	0.00	0.0	4.869	0.007	0	0	0	3
PD.978	PL.23252	A	fuse6AMP	7.41Y	123.6	0.00	2.43	0.66	11	5	2	93	0.00	0.0	4.869	0.000	0	0	0	3
PL.23253	PD.978	A	4ACSR	7.41Y	123.6	0.00	2.43	0.66	1	5	2	93	0.00	0.0	4.878	0.009	0	0	0	3
442826	PL.23253	A	Consumer	7.41Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	4.878	0.000	0	0	0	0
442812	PL.23253	A	Consumer	7.41Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	4.878	0.000	0	0	0	0
PL.23165	PL.23253	A	4ACSR	7.41Y	123.6	0.00	2.43	0.66	1	5	2	93	0.00	0.0	4.904	0.026	0	0	0	3
PL.36564	PL.23165	A	2ACSR	7.41Y	123.6	0.00	2.43	0.50	0	3	1	95	0.00	0.0	4.952	0.048	0	0	0	1
4428098	PL.36564	A	Consumer	7.41Y	123.6	0.00	2.43	0.50	0	3	1	95	0.00	0.0	4.952	0.000	3	1	1	1
442819	PL.23165	A	Consumer	7.41Y	123.6	0.00	2.43	0.05	0	0	0	100	0.00	0.0	4.904	0.000	0	0	1	1
442884	PL.23165	A	Consumer	7.41Y	123.6	0.00	2.43	0.10	0	1	0	100	0.00	0.0	4.904	0.000	1	0	1	1
442892	PL.12234	A	Consumer	7.42Y	123.6	0.00	2.39	0.25	0	2	1	89	0.00	0.0	4.777	0.000	2	1	1	1
442825	PL.12234	A	Consumer	7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0	4.777	0.000	0	0	1	1
442830	PL.12234	A	Consumer	7.42Y	123.6	0.00	2.39	0.19	0	1	1	71	0.00	0.0	4.777	0.000	1	1	1	1
PL.42627	PL.12232	A	4ACSR	7.42Y	123.7	0.00	2.31	4.71	4	33	13	93	0.00	0.0	4.611	0.002	0	0	0	8
PL.42630	PL.42627	A	4ACSR	7.42Y	123.7	0.00	2.31	4.71	4	33	13	93	0.00	0.0	4.612	0.001	0	0	0	8
PL.46037	PL.42630	A	4ACSR	7.42Y	123.7	0.00	2.31	2.66	2	18	7	93	0.00	0.0	4.616	0.004	0	0	0	5
PD.8530	PL.46037	A	fuse6AMP	7.42Y	123.7	0.00	2.31	2.66	45	18	7	93	0.00	0.0	4.616	0.000	0	0	0	5
PL.46038	PD.8530	A	4ACSR	7.42Y	123.7	0.01	2.32	2.66	2	18	7	93	0.00	0.0	4.703	0.087	0	0	0	5
442818	PL.46038	A	Consumer	7.42Y	123.7	0.00	2.32	0.00	0	0	0	100	0.00	0.0	4.703	0.000	0	0	0	0
442806	PL.46038	A	Consumer	7.42Y	123.7	0.00	2.32	0.46	0	3	1	95	0.00	0.0	4.703	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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							
442815	PL.46038	A	Consumer	7.42Y	123.7	0.00	2.32	0.57	0	4	2	89	0.00	0.0	4.703	0.000	4	2	1	1
442808	PL.46038	A	Consumer	7.42Y	123.7	0.00	2.32	0.00	0	0	0	100	0.00	0.0	4.703	0.000	0	0	0	0
442878	PL.46038	A	Consumer	7.42Y	123.7	0.00	2.32	0.76	0	5	2	93	0.00	0.0	4.703	0.000	5	2	1	1
442889	PL.46038	A	Consumer	7.42Y	123.7	0.00	2.32	0.41	0	3	1	95	0.00	0.0	4.703	0.000	3	1	1	1
442807	PL.46038	A	Consumer	7.42Y	123.7	0.00	2.32	0.45	0	3	1	95	0.00	0.0	4.703	0.000	3	1	1	1
PL.42629	PL.42630	A	4ACSR	7.42Y	123.7	0.00	2.31	2.05	2	14	6	92	0.00	0.0	4.655	0.043	0	0	0	3
442858	PL.42629	A	Consumer	7.42Y	123.7	0.00	2.31	0.73	0	5	2	93	0.00	0.0	4.655	0.000	5	2	1	1
442861	PL.42629	A	Consumer	7.42Y	123.7	0.00	2.31	0.71	0	5	2	93	0.00	0.0	4.655	0.000	5	2	1	1
4428101	PL.42629	A	Consumer	7.42Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	4.655	0.000	0	0	0	0
442876	PL.42629	A	Consumer	7.42Y	123.7	0.00	2.31	0.61	0	4	2	89	0.00	0.0	4.655	0.000	4	2	1	1
PL.12229	PL.20303	B	4ACSR	7.36Y	122.6	0.00	3.38	9.45	8	65	26	93	0.00	0.0	4.513	0.008	0	0	0	18
PL.12230	PL.12229	B	4ACSR	7.36Y	122.6	0.01	3.39	9.45	8	65	26	93	0.01	0.0	4.545	0.031	0	0	0	18
PL.43774	PL.12230	B	2ACSR	7.36Y	122.6	0.00	3.39	0.74	0	5	2	93	0.00	0.0	4.596	0.051	0	0	0	1
4428099	PL.43774	B	Consumer	7.36Y	122.6	0.00	3.39	0.74	0	5	2	93	0.00	0.0	4.596	0.000	5	2	1	1
PL.12226	PL.12230	B	4ACSR	7.36Y	122.6	0.02	3.41	7.33	6	50	20	93	0.01	0.0	4.614	0.070	0	0	0	14
442864	PL.12226	B	Consumer	7.36Y	122.6	0.00	3.41	0.00	0	0	0	100	0.00	0.0	4.614	0.000	0	0	1	1
442862	PL.12226	B	Consumer	7.36Y	122.6	0.00	3.41	1.00	0	7	3	92	0.00	0.0	4.614	0.000	7	3	1	1
PL.12235	PL.12226	B	4ACSR	7.35Y	122.5	0.07	3.49	3.40	3	23	9	93	0.01	0.1	5.094	0.479	0	0	0	6
PL.12236	PL.12235	B	4ACSR	7.35Y	122.5	0.01	3.50	2.50	2	17	7	92	0.00	0.0	5.162	0.068	0	0	0	5
442863	PL.12236	B	Consumer	7.35Y	122.5	0.00	3.50	0.28	0	2	1	89	0.00	0.0	5.162	0.000	2	1	1	1
442848	PL.12236	B	Consumer	7.35Y	122.5	0.00	3.50	0.92	0	6	2	95	0.00	0.0	5.162	0.000	6	2	1	1
PL.12237	PL.12236	B	4ACSR	7.35Y	122.5	0.00	3.50	1.29	1	9	3	95	0.00	0.0	5.197	0.035	0	0	0	3
PL.12238	PL.12237	B	4ACSR	7.35Y	122.5	0.00	3.50	0.81	1	6	2	95	0.00	0.0	5.267	0.071	0	0	0	2
442875	PL.12238	B	Consumer	7.35Y	122.5	0.00	3.50	0.78	0	5	2	93	0.00	0.0	5.267	0.000	5	2	1	1
442877	PL.12238	B	Consumer	7.35Y	122.5	0.00	3.50	0.03	0	0	0	100	0.00	0.0	5.267	0.000	0	0	1	1
PL.23197	PL.12237	B	4ACSR	7.35Y	122.5	0.00	3.50	0.48	0	3	1	95	0.00	0.0	5.234	0.038	0	0	0	1
442844	PL.23197	B	Consumer	7.35Y	122.5	0.00	3.50	0.48	0	3	1	95	0.00	0.0	5.234	0.000	3	1	1	1
PL.23333	PL.23197	B	4ACSR	7.35Y	122.5	0.00	3.50	0.00	0	0	0	100	0.00	0.0	5.300	0.065	0	0	0	0
442886	PL.23333	B	Consumer	7.35Y	122.5	0.00	3.50	0.00	0	0	0	100	0.00	0.0	5.300	0.000	0	0	0	0
PL.23196	PL.12235	B	4ACSR	7.35Y	122.5	0.01	3.49	0.90	1	6	2	95	0.00	0.0	5.226	0.132	0	0	0	1
442888	PL.23196	B	Consumer	7.35Y	122.5	0.00	3.49	0.90	0	6	2	95	0.00	0.0	5.226	0.000	6	2	1	1
442882	PL.23196	B	Consumer	7.35Y	122.5	0.00	3.49	0.00	0	0	0	100	0.00	0.0	5.226	0.000	0	0	0	0
PL.42258	PL.12226	B	4ACSR	7.36Y	122.6	0.00	3.42	2.93	2	20	8	93	0.00	0.0	4.624	0.009	0	0	0	6
PD.7672	PL.42258	B	fuse6AMP	7.36Y	122.6	0.00	3.42	2.93	50	20	8	93	0.00	0.0	4.624	0.000	0	0	0	6
PL.42259	PD.7672	B	4ACSR	7.35Y	122.6	0.01	3.43	2.93	2	20	8	93	0.00	0.0	4.731	0.108	0	0	0	6
442870	PL.42259	B	Consumer	7.35Y	122.6	0.00	3.43	0.85	0	6	2	95	0.00	0.0	4.731	0.000	6	2	1	1
PL.20306	PL.42259	B	4ACSR	7.35Y	122.6	0.00	3.44	2.08	2	14	6	92	0.00	0.0	4.781	0.049	0	0	0	5
PL.23195	PL.20306	B	4ACSR	7.35Y	122.6	0.00	3.44	0.59	0	4	2	89	0.00	0.0	4.877	0.096	0	0	0	1

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.35Y	122.6	0.00	3.44	0.59	0	4	2	89	0.00	0.0	4.877	0.000	4	2	1	1
PL.20304	PL.20306	B	4ACSR	7.35Y	122.6	0.00	3.44	0.91	1	6	2	95	0.00	0.0	4.862	0.081	0	0	0	2
442842	PL.20304	B	Consumer	7.35Y	122.6	0.00	3.44	0.82	0	6	2	95	0.00	0.0	4.862	0.000	6	2	1	1
442809	PL.20304	B	Consumer	7.35Y	122.6	0.00	3.44	0.09	0	1	0	100	0.00	0.0	4.862	0.000	1	0	1	1
442871	PL.20306	B	Consumer	7.35Y	122.6	0.00	3.44	0.06	0	0	0	100	0.00	0.0	4.781	0.000	0	0	1	1
442874	PL.20306	B	Consumer	7.35Y	122.6	0.00	3.44	0.52	0	4	1	97	0.00	0.0	4.781	0.000	4	1	1	1
442893	PL.12230	B	Consumer	7.36Y	122.6	0.00	3.39	0.46	0	3	1	95	0.00	0.0	4.545	0.000	3	1	1	1
442852	PL.12230	B	Consumer	7.36Y	122.6	0.00	3.39	0.77	0	5	2	93	0.00	0.0	4.545	0.000	5	2	1	1
442865	PL.12230	B	Consumer	7.36Y	122.6	0.00	3.39	0.15	0	1	0	100	0.00	0.0	4.545	0.000	1	0	1	1
PL.12227	PL.20303	A	4ACSR	7.43Y	123.8	0.00	2.23	3.83	3	26	12	91	0.00	0.0	4.512	0.006	0	0	0	4
PD.975	PL.12227	A	fuse6AMP	7.43Y	123.8	0.00	2.23	3.83	65	26	12	91	0.00	0.0	4.512	0.000	0	0	0	4
PL.12228	PD.975	A	4ACSR	7.43Y	123.8	0.01	2.24	3.83	3	26	12	91	0.00	0.0	4.583	0.071	0	0	0	4
PL.23330	PL.12228	A	4ACSR	7.42Y	123.7	0.01	2.25	3.51	3	24	11	91	0.00	0.0	4.620	0.038	0	0	0	2
442855	PL.23330	A	Consumer	7.42Y	123.7	0.00	2.25	0.47	0	3	1	95	0.00	0.0	4.620	0.000	3	1	1	1
442859	PL.23330	A	Consumer	7.42Y	123.7	0.00	2.25	0.00	0	0	0	100	0.00	0.0	4.620	0.000	0	0	0	0
442860	PL.23330	A	Consumer	7.42Y	123.7	0.00	2.25	3.04	0	20	10	89	0.00	0.0	4.620	0.000	20	10	1	1
442868	PL.23330	A	Consumer	7.42Y	123.7	0.00	2.25	0.00	0	0	0	100	0.00	0.0	4.620	0.000	0	0	0	0
PL.6791	PL.12228	A	4ACSR	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	4.646	0.063	0	0	0	0
442802	PL.6791	A	Consumer	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	4.646	0.000	0	0	0	0
442834	PL.6791	A	Consumer	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	4.646	0.000	0	0	0	0
PL.23334	PL.6791	A	4ACSR	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	4.698	0.052	0	0	0	0
442887	PL.23334	A	Consumer	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	4.698	0.000	0	0	0	0
PL.6790	PL.6791	A	4ACSR	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	4.697	0.051	0	0	0	0
442891	PL.12228	A	Consumer	7.43Y	123.8	0.00	2.24	0.30	0	2	1	89	0.00	0.0	4.583	0.000	2	1	1	1
442866	PL.12228	A	Consumer	7.43Y	123.8	0.00	2.24	0.02	0	0	0	100	0.00	0.0	4.583	0.000	0	0	1	1
442857	PL.12228	A	Consumer	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	4.583	0.000	0	0	0	0
442872	PL.12228	A	Consumer	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	4.583	0.000	0	0	0	0
442804	PL.20303	A	Consumer	7.43Y	123.8	0.00	2.23	0.08	0	1	0	100	0.00	0.0	4.506	0.000	1	0	1	1
442873	PL.20303	A	Consumer	7.43Y	123.8	0.00	2.23	0.56	0	4	2	89	0.00	0.0	4.506	0.000	4	2	1	1
PL.20300	PL.22764	C	4ACSR	7.41Y	123.4	0.00	2.56	0.70	1	5	2	93	0.00	0.0	4.119	0.009	0	0	0	1
PD.2672	PL.20300	C	fuse6AMP	7.41Y	123.4	0.00	2.56	0.70	12	5	2	93	0.00	0.0	4.119	0.000	0	0	0	1
PL.20301	PD.2672	C	4ACSR	7.41Y	123.4	0.00	2.56	0.70	1	5	2	93	0.00	0.0	4.182	0.063	0	0	0	1
442885	PL.20301	C	Consumer	7.41Y	123.4	0.00	2.56	0.70	0	5	2	93	0.00	0.0	4.182	0.000	5	2	1	1
PL.12221	PL.20298	A	4ACSR	7.46Y	124.4	0.00	1.60	4.42	4	31	12	93	0.00	0.0	3.854	0.007	0	0	0	10
PD.988	PL.12221	A	fuse6AMP	7.46Y	124.4	0.00	1.60	4.42	75	31	12	93	0.00	0.0	3.854	0.000	0	0	0	10
PL.12222	PD.988	A	4ACSR	7.46Y	124.4	0.02	1.62	4.42	4	31	12	93	0.00	0.0	3.954	0.100	0	0	0	10
443804	PL.12222	A	Consumer	7.46Y	124.4	0.00	1.62	0.29	0	2	1	89	0.00	0.0	3.954	0.000	2	1	1	1
443860	PL.12222	A	Consumer	7.46Y	124.4	0.00	1.62	0.24	0	2	1	89	0.00	0.0	3.954	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.46Y	124.4	0.03	1.65	3.89	3	27	11	93	0.01	0.0	4.103	0.149	0	0	0	8
443835	PL.33051	A	Consumer	7.46Y	124.4	0.00	1.65	0.74	0	5	2	93	0.00	0.0	4.103	0.000	5	2	1	1
443818	PL.33051	A	Consumer	7.46Y	124.4	0.00	1.65	0.00	0	0	0	100	0.00	0.0	4.103	0.000	0	0	0	0
443817	PL.33051	A	Consumer	7.46Y	124.4	0.00	1.65	0.44	0	3	1	95	0.00	0.0	4.103	0.000	3	1	1	1
PL.28011	PL.33051	A	4ACSR	7.46Y	124.3	0.01	1.66	1.74	1	12	5	92	0.00	0.0	4.180	0.077	0	0	0	5
PL.12223	PL.28011	A	4ACSR	7.46Y	124.3	0.00	1.66	1.74	1	12	5	92	0.00	0.0	4.182	0.002	0	0	0	5
PL.12224	PL.12223	A	4ACSR	7.46Y	124.3	0.00	1.66	1.06	1	7	3	92	0.00	0.0	4.277	0.095	0	0	0	3
443849	PL.12224	A	Consumer	7.46Y	124.3	0.00	1.66	0.34	0	2	1	89	0.00	0.0	4.277	0.000	2	1	1	1
443812	PL.12224	A	Consumer	7.46Y	124.3	0.00	1.66	0.17	0	1	0	100	0.00	0.0	4.277	0.000	1	0	1	1
443815	PL.12224	A	Consumer	7.46Y	124.3	0.00	1.66	0.55	0	4	1	97	0.00	0.0	4.277	0.000	4	1	1	1
443809	PL.12223	A	Consumer	7.46Y	124.3	0.00	1.66	0.02	0	0	0	100	0.00	0.0	4.182	0.000	0	0	1	1
443826	PL.12223	A	Consumer	7.46Y	124.3	0.00	1.66	0.65	0	5	2	93	0.00	0.0	4.182	0.000	5	2	1	1
PL.33052	PL.33051	A	4ACSR	7.46Y	124.3	0.00	1.65	0.97	1	7	3	92	0.00	0.0	4.140	0.037	0	0	0	1
443842	PL.33052	A	Consumer	7.46Y	124.3	0.00	1.65	0.97	0	7	3	92	0.00	0.0	4.140	0.000	7	3	1	1
PL.12218	PL.12217	A	336ACSR	7.47Y	124.6	-0.00	1.44	22.22	5	155	60	93	0.03	0.0	3.711	0.012	0	0	0	42
		B		7.36Y	122.7	0.01	3.25	49.88	11	341	137	93					0	0	0	89
		C		7.41Y	123.4	0.01	2.57	63.38	14	435	177	93					0	0	0	117
PL.42708	PL.12218	A	336ACSR	7.47Y	124.6	-0.00	1.44	22.22	5	155	60	93	0.07	0.0	3.745	0.034	0	0	0	42
		B		7.36Y	122.7	0.02	3.27	49.88	11	341	137	93					0	0	0	89
		C		7.40Y	123.4	0.02	2.59	63.38	14	435	177	93					0	0	0	117
C PD.8132	PL.42708	A	25E	7.47Y	124.6	0.00	1.44	22.22	89	155	60	93	0.00	0.0	3.745	0.000	0	0	0	42 C
C		B		7.36Y	122.7	0.00	3.27	49.88	200	341	137	93					0	0	0	89 C
C		C		7.40Y	123.4	0.00	2.59	63.38	254	435	177	93					0	0	0	117 C
PL.42709	PD.8132	A	336ACSR	7.47Y	124.6	-0.00	1.43	22.22	5	155	60	93	0.04	0.0	3.765	0.020	0	0	0	42
		B		7.36Y	122.7	0.01	3.29	49.88	11	341	137	93					0	0	0	89
		C		7.40Y	123.4	0.01	2.60	63.38	14	435	177	93					0	0	0	117
PL.37904	PL.42709	A	4ACSR	7.47Y	124.6	0.00	1.44	0.88	1	6	2	95	0.00	0.0	3.799	0.035	0	0	0	3
4438073	PL.37904	A	Consumer	7.47Y	124.6	0.00	1.44	0.23	0	2	1	89	0.00	0.0	3.799	0.000	2	1	1	1
PL.37905	PL.37904	A	4ACSR	7.47Y	124.6	0.00	1.44	0.65	1	5	2	93	0.00	0.0	3.818	0.018	0	0	0	2
PL.23500	PL.37905	A	4ACSR	7.47Y	124.6	0.00	1.44	0.65	1	5	2	93	0.00	0.0	3.849	0.031	0	0	0	2
443845	PL.23500	A	Consumer	7.47Y	124.6	0.00	1.44	0.10	0	1	0	100	0.00	0.0	3.849	0.000	1	0	1	1
443868	PL.23500	A	Consumer	7.47Y	124.6	0.00	1.44	0.55	0	4	1	97	0.00	0.0	3.849	0.000	4	1	1	1
PL.12220	PL.42709	A	336ACSR	7.47Y	124.6	-0.00	1.43	21.34	5	149	58	93	0.05	0.0	3.787	0.023	0	0	0	39
		B		7.36Y	122.7	0.01	3.30	49.88	11	341	137	93					0	0	0	89
		C		7.40Y	123.4	0.01	2.61	63.38	14	435	177	93					0	0	0	117
PL.42704	PL.12220	A	4ACSR	7.47Y	124.6	0.00	1.44	21.34	18	149	58	93	0.00	0.0	3.791	0.003	0	0	0	39
PD.8130-A	PL.42704	A	Closed	7.47Y	124.6	0.00	1.44	21.34	0	149	58	93	0.00	0.0	3.791	0.000	0	0	0	39
PD.8130-B	PD.8130-A	A	Closed	7.47Y	124.6	0.00	1.44	21.34	0	149	58	93	0.00	0.0	3.791	0.000	0	0	0	39
PL.42705	PD.8130-B	A	4ACSR	7.47Y	124.5	0.03	1.46	21.34	18	149	58	93	0.03	0.0	3.817	0.026	0	0	0	39
PD.8131-A	PL.42705	A	Closed	7.47Y	124.5	0.00	1.46	21.34	0	149	58	93	0.00	0.0	3.817	0.000	0	0	0	39
PD.8131-B	PD.8131-A	A	Closed	7.47Y	124.5	0.00	1.46	21.34	0	149	58	93	0.00	0.0	3.817	0.000	0	0	0	39
PL.13208	PD.8131-B	A	4ACSR	7.47Y	124.5	0.09	1.55	21.34	18	149	58	93	0.10	0.1	3.906	0.089	0	0	0	39
443909	PL.13208	A	Consumer	7.47Y	124.5	0.00	1.55	0.02	0	0	0	100	0.00	0.0	3.906	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
443908	PL.13208	A	Consumer	7.47Y	124.5	0.00	1.55	1.37	0	10	4	93	0.00	0.0	3.906	0.000	10	4	1	1
PL.13209	PL.13208	A	4ACSR	7.46Y	124.4	0.04	1.59	19.95	17	139	54	93	0.04	0.0	3.953	0.047	0	0	0	37
PL.42736	PL.13209	A	4ACSR	7.44Y	124.1	0.34	1.94	17.64	15	123	48	93	0.32	0.3	4.378	0.425	0	0	0	34
PD.8553-A	PL.42736	A	Closed	7.44Y	124.1	0.00	1.94	17.64	0	122	48	93	0.00	0.0	4.378	0.000	0	0	0	34
PD.8553-B	PD.8553-A	A	Closed	7.44Y	124.1	0.00	1.94	17.64	0	122	48	93	0.00	0.0	4.378	0.000	0	0	0	34
PL.42737	PD.8553-B	A	4ACSR	7.44Y	124.0	0.02	1.96	17.64	15	122	48	93	0.02	0.0	4.405	0.027	0	0	0	34
PL.13362	PL.42737	A	4ACSR	7.43Y	123.8	0.22	2.18	17.03	14	118	46	93	0.20	0.2	4.689	0.284	0	0	0	32
PL.42732	PL.13362	A	4ACSR	7.43Y	123.8	0.00	2.18	0.83	1	6	2	95	0.00	0.0	4.692	0.004	0	0	0	1
PD.8551	PL.42732	A	fuse6AMP	7.43Y	123.8	0.00	2.18	0.83	14	6	2	95	0.00	0.0	4.692	0.000	0	0	0	1
PL.42733	PD.8551	A	4ACSR	7.43Y	123.8	0.00	2.18	0.83	1	6	2	95	0.00	0.0	4.734	0.042	0	0	0	1
443912	PL.42733	A	Consumer	7.43Y	123.8	0.00	2.18	0.83	0	6	2	95	0.00	0.0	4.734	0.000	6	2	1	1
PL.13171	PL.13362	A	4ACSR	7.43Y	123.8	0.04	2.22	16.21	14	112	44	93	0.03	0.0	4.739	0.050	0	0	0	31
PL.13170	PL.13171	A	4ACSR	7.42Y	123.7	0.09	2.31	15.29	13	106	41	93	0.07	0.1	4.871	0.133	0	0	0	30
C PD.8549	PL.13170	A	fuse6AMP	7.42Y	123.7	0.00	2.31	15.29	261	106	41	93	0.00	0.0	4.871	0.000	0	0	0	30 C
PL.13173	PD.8549	A	4ACSR	7.42Y	123.7	0.03	2.34	14.78	12	102	40	93	0.03	0.0	4.920	0.049	0	0	0	29
PL.13175	PL.13173	A	4ACSR	7.41Y	123.5	0.12	2.47	14.27	12	99	38	93	0.09	0.1	5.110	0.190	0	0	0	28
PL.41486	PL.13175	A	4ACSR	7.41Y	123.5	0.04	2.51	14.27	12	99	38	93	0.03	0.0	5.169	0.059	0	0	0	28
PL.42727	PL.41486	A	4ACSR	7.41Y	123.5	0.04	2.54	14.27	12	99	38	93	0.03	0.0	5.225	0.056	0	0	0	28
PD.8547-A	PL.42727	A	Closed	7.41Y	123.5	0.00	2.54	14.27	0	99	38	93	0.00	0.0	5.225	0.000	0	0	0	28
PD.8547-B	PD.8547-A	A	Closed	7.41Y	123.5	0.00	2.54	14.27	0	99	38	93	0.00	0.0	5.225	0.000	0	0	0	28
PL.42726	PD.8547-B	A	4ACSR	7.39Y	123.2	0.29	2.83	14.27	12	99	38	93	0.22	0.2	5.671	0.446	0	0	0	28
PL.42724	PL.42726	A	4ACSR	7.39Y	123.2	0.00	2.83	0.62	1	4	2	89	0.00	0.0	5.677	0.006	0	0	0	2
PD.8546	PL.42724	A	fuse6AMP	7.39Y	123.2	0.00	2.83	0.62	11	4	2	89	0.00	0.0	5.677	0.000	0	0	0	2
PL.42725	PD.8546	A	4ACSR	7.39Y	123.2	0.00	2.84	0.62	1	4	2	89	0.00	0.0	5.761	0.084	0	0	0	2
453233	PL.42725	A	Consumer	7.39Y	123.2	0.00	2.84	0.00	0	0	0	100	0.00	0.0	5.761	0.000	0	0	1	1
453219	PL.42725	A	Consumer	7.39Y	123.2	0.00	2.84	0.62	0	4	2	89	0.00	0.0	5.761	0.000	4	2	1	1
PL.32755	PL.42726	A	4ACSR	7.38Y	123.1	0.10	2.93	13.65	11	94	37	93	0.07	0.1	5.832	0.161	0	0	0	26
PL.42722	PL.32755	A	4ACSR	7.38Y	123.1	0.00	2.93	0.44	0	3	1	95	0.00	0.0	5.836	0.003	0	0	0	1
PD.8545	PL.42722	A	fuse6AMP	7.38Y	123.1	0.00	2.93	0.44	7	3	1	95	0.00	0.0	5.836	0.000	0	0	0	1
PL.42723	PD.8545	A	4ACSR	7.38Y	123.1	0.00	2.94	0.44	0	3	1	95	0.00	0.0	5.867	0.031	0	0	0	1
4532043	PL.42723	A	Consumer	7.38Y	123.1	0.00	2.94	0.44	0	3	1	95	0.00	0.0	5.867	0.000	3	1	1	1
PL.42721	PL.32755	A	4ACSR	7.38Y	123.0	0.02	2.96	13.21	11	91	35	93	0.01	0.0	5.867	0.035	0	0	0	25
PD.8544-A	PL.42721	A	Closed	7.38Y	123.0	0.00	2.96	13.21	0	91	35	93	0.00	0.0	5.867	0.000	0	0	0	25
PD.8544-B	PD.8544-A	A	Closed	7.38Y	123.0	0.00	2.96	13.21	0	91	35	93	0.00	0.0	5.867	0.000	0	0	0	25
PL.42720	PD.8544-B	A	4ACSR	7.38Y	123.0	0.01	2.97	13.21	11	91	35	93	0.01	0.0	5.882	0.015	0	0	0	25
PL.13572	PL.42720	A	4ACSR	7.38Y	123.0	0.04	3.00	13.04	11	90	35	93	0.02	0.0	5.943	0.061	0	0	0	24
453220	PL.13572	A	Consumer	7.38Y	123.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	5.943	0.000	0	0	0	0
PL.13571	PL.13572	A	4ACSR	7.38Y	123.0	0.02	3.02	12.31	10	85	33	93	0.01	0.0	5.980	0.037	0	0	0	22

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.38Y	123.0	0.02	3.04	7.84	7	54	21	93	0.01	0.0	6.023	0.043	0	0	0	13
PL.6986	PL.13038	A	4ACSR	7.38Y	122.9	0.02	3.06	6.68	6	46	18	93	0.01	0.0	6.090	0.067	0	0	0	12
453230	PL.6986	A	Consumer	7.38Y	122.9	0.00	3.06	0.66	0	5	2	93	0.00	0.0	6.090	0.000	5	2	1	1
453236	PL.6986	A	Consumer	7.38Y	122.9	0.00	3.06	0.89	0	6	2	95	0.00	0.0	6.090	0.000	6	2	1	1
PL.42717	PL.6986	A	4ACSR	7.38Y	122.9	0.02	3.08	5.13	4	35	14	93	0.01	0.0	6.179	0.089	0	0	0	10
PD.8541-A	PL.42717	A	Closed	7.38Y	122.9	0.00	3.08	5.13	0	35	14	93	0.00	0.0	6.179	0.000	0	0	0	10
PD.8541-B	PD.8541-A	A	Closed	7.38Y	122.9	0.00	3.08	5.13	0	35	14	93	0.00	0.0	6.179	0.000	0	0	0	10
PL.42716	PD.8541-B	A	4ACSR	7.38Y	122.9	0.00	3.08	5.13	4	35	14	93	0.00	0.0	6.189	0.010	0	0	0	10
PL.42714	PL.42716	A	4ACSR	7.38Y	122.9	0.00	3.08	0.65	1	4	2	89	0.00	0.0	6.194	0.005	0	0	0	3
PD.8540-A	PL.42714	A	Closed	7.38Y	122.9	0.00	3.08	0.65	0	4	2	89	0.00	0.0	6.194	0.000	0	0	0	3
PD.8540-B	PD.8540-A	A	Closed	7.38Y	122.9	0.00	3.08	0.65	0	4	2	89	0.00	0.0	6.194	0.000	0	0	0	3
PL.42715	PD.8540-B	A	4ACSR	7.37Y	122.9	0.00	3.08	0.65	1	4	2	89	0.00	0.0	6.295	0.102	0	0	0	3
PL.40861	PL.42715	A	2ACSR	7.37Y	122.9	0.00	3.08	0.04	0	0	0	100	0.00	0.0	6.358	0.063	0	0	0	1
4532044	PL.40861	A	Consumer	7.37Y	122.9	0.00	3.08	0.04	0	0	0	100	0.00	0.0	6.358	0.000	0	0	1	1
PL.40863	PL.42715	A	4ACSR	7.37Y	122.9	0.00	3.09	0.62	1	4	2	89	0.00	0.0	6.346	0.050	0	0	0	2
PL.45154	PL.40863	A	4ACSR	7.37Y	122.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	6.456	0.110	0	0	0	1
4532045	PL.45154	A	Consumer	7.37Y	122.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	6.456	0.000	0	0	1	1
PL.23075	PL.40863	A	4ACSR	7.37Y	122.9	0.00	3.09	0.62	1	4	2	89	0.00	0.0	6.409	0.063	0	0	0	1
PL.20441	PL.23075	A	4ACSR	7.37Y	122.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	6.460	0.052	0	0	0	0
PL.20442	PL.20441	A	4ACSR	7.37Y	122.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	6.667	0.206	0	0	0	0
453237	PL.23075	A	Consumer	7.37Y	122.9	0.00	3.09	0.62	0	4	2	89	0.00	0.0	6.409	0.000	4	2	1	1
PL.6989	PL.42716	A	4ACSR	7.37Y	122.9	0.03	3.11	4.37	4	30	12	93	0.01	0.0	6.323	0.134	0	0	0	6
453217	PL.6989	A	Consumer	7.37Y	122.9	0.00	3.11	1.22	0	8	3	94	0.00	0.0	6.323	0.000	8	3	1	1
453228	PL.6989	A	Consumer	7.37Y	122.9	0.00	3.11	0.00	0	0	0	100	0.00	0.0	6.323	0.000	0	0	0	0
PL.32758	PL.6989	A	4ACSR	7.37Y	122.9	0.02	3.13	3.16	3	22	8	94	0.00	0.0	6.451	0.127	0	0	0	5
PL.32757	PL.32758	A	4ACSR	7.37Y	122.9	0.00	3.13	3.16	3	22	8	94	0.00	0.0	6.477	0.026	0	0	0	5
PL.6983	PL.32757	A	4ACSR	7.37Y	122.9	0.01	3.14	3.16	3	22	8	94	0.00	0.0	6.554	0.077	0	0	0	5
453313	PL.6983	A	Consumer	7.37Y	122.9	0.00	3.14	0.77	0	5	2	93	0.00	0.0	6.554	0.000	5	2	1	1
PL.6982	PL.6983	A	4ACSR	7.37Y	122.9	0.00	3.15	2.39	2	16	6	94	0.00	0.0	6.585	0.032	0	0	0	4
453314	PL.6982	A	Consumer	7.37Y	122.9	0.00	3.15	0.00	0	0	0	100	0.00	0.0	6.585	0.000	0	0	0	0
453308	PL.6982	A	Consumer	7.37Y	122.9	0.00	3.15	0.53	0	4	1	97	0.00	0.0	6.585	0.000	4	1	1	1
PL.23013	PL.6982	A	4ACSR	7.37Y	122.8	0.00	3.15	1.86	2	13	5	93	0.00	0.0	6.643	0.057	0	0	0	3
453312	PL.23013	A	Consumer	7.37Y	122.8	0.00	3.15	0.00	0	0	0	100	0.00	0.0	6.643	0.000	0	0	0	0
453319	PL.23013	A	Consumer	7.37Y	122.8	0.00	3.15	0.58	0	4	2	89	0.00	0.0	6.643	0.000	4	2	1	1
453203	PL.23013	A	Consumer	7.37Y	122.8	0.00	3.15	0.82	0	6	2	95	0.00	0.0	6.643	0.000	6	2	1	1
453210	PL.23013	A	Consumer	7.37Y	122.8	0.00	3.15	0.46	0	3	1	95	0.00	0.0	6.643	0.000	3	1	1	1
PL.41488	PL.6982	A	4ACSR	7.37Y	122.9	0.00	3.15	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	7.37Y	122.9	0.00	3.15	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\SUMMER\PROPOSED SUMMER 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
453204	PL.42716	A	Consumer	7.38Y	122.9	0.00	3.08	0.10	0	1	0	100	0.00	0.0	6.189	0.000	1	0	1	1
453206	PL.13038	A	Consumer	7.38Y	123.0	0.00	3.04	1.17	0	8	3	94	0.00	0.0	6.023	0.000	8	3	1	1
PL.42718	PL.13571	A	4ACSR	7.38Y	123.0	0.00	3.02	3.84	3	26	10	93	0.00	0.0	5.987	0.007	0	0	0	7
PD.8542-A	PL.42718	A	Closed	7.38Y	123.0	0.00	3.02	3.84	0	26	10	93	0.00	0.0	5.987	0.000	0	0	0	7
PD.8542-B	PD.8542-A	A	Closed	7.38Y	123.0	0.00	3.02	3.84	0	26	10	93	0.00	0.0	5.987	0.000	0	0	0	7
PL.42719	PD.8542-B	A	4ACSR	7.38Y	123.0	0.01	3.03	3.84	3	26	10	93	0.00	0.0	6.034	0.047	0	0	0	7
PL.22445	PL.42719	A	4ACSR	7.38Y	123.0	0.01	3.04	3.84	3	26	10	93	0.00	0.0	6.063	0.030	0	0	0	7
PL.22446	PL.22445	A	4ACSR	7.38Y	123.0	0.01	3.05	3.32	3	23	9	93	0.00	0.0	6.147	0.084	0	0	0	6
PL.23009	PL.22446	A	4ACSR	7.38Y	122.9	0.00	3.05	2.59	2	18	7	93	0.00	0.0	6.183	0.036	0	0	0	5
PL.23010	PL.23009	A	4ACSR	7.38Y	122.9	0.00	3.06	2.59	2	18	7	93	0.00	0.0	6.217	0.034	0	0	0	5
PL.23011	PL.23010	A	4ACSR	7.38Y	122.9	0.00	3.06	2.59	2	18	7	93	0.00	0.0	6.253	0.036	0	0	0	5
PL.22447	PL.23011	A	4ACSR	7.38Y	122.9	0.00	3.06	2.59	2	18	7	93	0.00	0.0	6.255	0.002	0	0	0	5
453231	PL.22447	A	Consumer	7.38Y	122.9	0.00	3.06	0.84	0	6	2	95	0.00	0.0	6.255	0.000	6	2	1	1
PL.22448	PL.22447	A	4ACSR	7.38Y	122.9	0.01	3.07	1.74	1	12	5	92	0.00	0.0	6.337	0.082	0	0	0	4
PL.23014	PL.22448	A	4ACSR	7.38Y	122.9	0.00	3.07	1.74	1	12	5	92	0.00	0.0	6.377	0.039	0	0	0	4
PL.23065	PL.23014	A	4ACSR	7.38Y	122.9	0.00	3.08	1.74	1	12	5	92	0.00	0.0	6.411	0.035	0	0	0	4
PL.23067	PL.23065	A	4ACSR	7.38Y	122.9	0.00	3.08	1.34	1	9	4	91	0.00	0.0	6.452	0.041	0	0	0	3
PL.23068	PL.23067	A	4ACSR	7.38Y	122.9	0.00	3.08	1.34	1	9	4	91	0.00	0.0	6.523	0.072	0	0	0	3
453232	PL.23068	A	Consumer	7.38Y	122.9	0.00	3.08	0.55	0	4	1	97	0.00	0.0	6.523	0.000	4	1	1	1
453227	PL.23068	A	Consumer	7.38Y	122.9	0.00	3.08	0.00	0	0	0	100	0.00	0.0	6.523	0.000	0	0	1	1
PL.23069	PL.23068	A	4ACSR	7.37Y	122.9	0.00	3.08	0.78	1	5	2	93	0.00	0.0	6.564	0.041	0	0	0	1
453226	PL.23069	A	Consumer	7.37Y	122.9	0.00	3.08	0.78	0	5	2	93	0.00	0.0	6.564	0.000	5	2	1	1
PL.23066	PL.23065	A	4ACSR	7.38Y	122.9	0.00	3.08	0.41	0	3	1	95	0.00	0.0	6.480	0.069	0	0	0	1
453225	PL.23066	A	Consumer	7.38Y	122.9	0.00	3.08	0.41	0	3	1	95	0.00	0.0	6.480	0.000	3	1	1	1
453213	PL.22446	A	Consumer	7.38Y	123.0	0.00	3.05	0.74	0	5	2	93	0.00	0.0	6.147	0.000	5	2	1	1
453229	PL.22445	A	Consumer	7.38Y	123.0	0.00	3.04	0.51	0	4	1	97	0.00	0.0	6.063	0.000	4	1	1	1
453221	PL.13571	A	Consumer	7.38Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	5.980	0.000	0	0	0	0
453207	PL.13571	A	Consumer	7.38Y	123.0	0.00	3.02	0.63	0	4	2	89	0.00	0.0	5.980	0.000	4	2	1	1
453215	PL.13571	A	Consumer	7.38Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	5.980	0.000	0	0	1	1
PL.21234	PL.13572	A	4ACSR	7.38Y	123.0	0.00	3.00	0.74	1	5	2	93	0.00	0.0	5.950	0.007	0	0	0	2
PD.8543	PL.21234	A	fuse6AMP	7.38Y	123.0	0.00	3.00	0.74	13	5	2	93	0.00	0.0	5.950	0.000	0	0	0	2
PL.21235	PD.8543	A	4ACSR	7.38Y	123.0	0.00	3.00	0.74	1	5	2	93	0.00	0.0	5.993	0.043	0	0	0	2
453214	PL.21235	A	Consumer	7.38Y	123.0	0.00	3.00	0.32	0	2	1	89	0.00	0.0	5.993	0.000	2	1	1	1
453208	PL.21235	A	Consumer	7.38Y	123.0	0.00	3.00	0.42	0	3	1	95	0.00	0.0	5.993	0.000	3	1	1	1
453224	PL.42720	A	Consumer	7.38Y	123.0	0.00	2.97	0.17	0	1	0	100	0.00	0.0	5.882	0.000	1	0	1	1
PL.42728	PL.13173	A	4ACSR	7.42Y	123.7	0.00	2.34	0.50	0	3	1	95	0.00	0.0	4.926	0.005	0	0	0	1
PD.8548	PL.42728	A	fuse6AMP	7.42Y	123.7	0.00	2.34	0.50	9	3	1	95	0.00	0.0	4.926	0.000	0	0	0	1
PL.42729	PD.8548	A	4ACSR	7.42Y	123.7	0.00	2.34	0.50	0	3	1	95	0.00	0.0	4.979	0.053	0	0	0	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
443910	PL.42729	A	Consumer	7.42Y	123.7	0.00	2.34	0.50	0	3	1	95	0.00	0.0	4.979	0.000	3	1	1	1
PL.13174	PD.8549	A	4ACSR	7.42Y	123.7	0.00	2.31	0.51	0	4	1	97	0.00	0.0	4.919	0.048	0	0	0	1
443911	PL.13174	A	Consumer	7.42Y	123.7	0.00	2.31	0.51	0	4	1	97	0.00	0.0	4.919	0.000	4	1	1	1
PL.42730	PL.13171	A	4ACSR	7.43Y	123.8	0.00	2.22	0.92	1	6	2	95	0.00	0.0	4.744	0.005	0	0	0	1
PD.8550	PL.42730	A	fuse6AMP	7.43Y	123.8	0.00	2.22	0.92	16	6	2	95	0.00	0.0	4.744	0.000	0	0	0	1
PL.42731	PD.8550	A	4ACSR	7.43Y	123.8	0.00	2.22	0.92	1	6	2	95	0.00	0.0	4.801	0.057	0	0	0	1
443913	PL.42731	A	Consumer	7.43Y	123.8	0.00	2.22	0.92	0	6	2	95	0.00	0.0	4.801	0.000	6	2	1	1
PL.42734	PL.42737	A	4ACSR	7.44Y	124.0	0.00	1.96	0.60	1	4	2	89	0.00	0.0	4.411	0.005	0	0	0	2
PD.8552	PL.42734	A	fuse6AMP	7.44Y	124.0	0.00	1.96	0.60	10	4	2	89	0.00	0.0	4.411	0.000	0	0	0	2
PL.42735	PD.8552	A	4ACSR	7.44Y	124.0	0.00	1.96	0.60	1	4	2	89	0.00	0.0	4.461	0.050	0	0	0	2
PL.29894	PL.42735	A	4ACSR	7.44Y	124.0	0.00	1.96	0.60	1	4	2	89	0.00	0.0	4.512	0.051	0	0	0	2
4439015	PL.29894	A	Consumer	7.44Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	4.512	0.000	0	0	1	1
PL.29895	PL.29894	A	4ACSR	7.44Y	124.0	0.00	1.96	0.60	1	4	2	89	0.00	0.0	4.591	0.080	0	0	0	1
443914	PL.29895	A	Consumer	7.44Y	124.0	0.00	1.96	0.60	0	4	2	89	0.00	0.0	4.591	0.000	4	2	1	1
PL.13210	PL.13209	A	4ACSR	7.46Y	124.4	0.00	1.60	2.31	2	16	6	94	0.00	0.0	3.991	0.038	0	0	0	3
443907	PL.13210	A	Consumer	7.46Y	124.4	0.00	1.60	1.02	0	7	3	92	0.00	0.0	3.991	0.000	7	3	1	1
4439016	PL.13210	A	Consumer	7.46Y	124.4	0.00	1.60	0.62	0	4	2	89	0.00	0.0	3.991	0.000	4	2	1	1
443906	PL.13210	A	Consumer	7.46Y	124.4	0.00	1.60	0.67	0	5	2	93	0.00	0.0	3.991	0.000	5	2	1	1
PL.43121	PL.12220	B C	6ACWC	7.35Y 7.39Y	122.5 123.2	0.21 0.20	3.51 2.81	49.88 63.38	42 54	341 435	137 177	93 93	1.25 0.2	0.2	3.871	0.084	0 0	0 0	0 0	89 117
PL.43128	PL.43121	C	6ACWC	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	3.957	0.086	0	0	0	0
443824	PL.43121	B	Consumer	7.35Y	122.5	0.00	3.51	0.37	0	3	1	95	0.00	0.0	3.871	0.000	3	1	1	1
4438074	PL.43121	B	Consumer	7.35Y	122.5	0.00	3.51	0.40	0	3	1	95	0.00	0.0	3.871	0.000	3	1	1	1
PL.43124	PL.43121	B C	4ACSR	7.35Y 7.39Y	122.5 123.2	0.00 -0.00	3.51 2.81	0.24 0.00	0 0	2 0	1 0	89 100	0.00 0.00	0.0 0.0	3.881	0.010	0 0	0 0	0 0	1 0
PD.8129	PL.43124	B	fuse6AMP	7.35Y	122.5	0.00	3.51	0.24	4	2	1	89	0.00	0.0	3.881	0.000	0	0	0	1
PL.43125	PD.8129	B	4ACSR	7.35Y	122.5	0.00	3.52	0.24	0	2	1	89	0.00	0.0	3.937	0.056	0	0	0	1
443847	PL.43125	B	Consumer	7.35Y	122.5	0.00	3.52	0.24	0	2	1	89	0.00	0.0	3.937	0.000	2	1	1	1
PL.43126	PL.43121	B C	6ACWC	7.34Y 7.38Y	122.4 123.1	0.11 0.10	3.62 2.92	48.86 63.38	41 54	333 434	134 176	93 93	0.62 0.1	0.1	3.913	0.042	0 0	0 0	0 0	86 117
443821	PL.43126	C	Consumer	7.38Y	123.1	0.00	2.92	0.93	0	6	2	95	0.00	0.0	3.913	0.000	6	2	1	1
PL.43127	PL.43126	B C	6ACWC	7.33Y 7.37Y	122.2 122.9	0.19 0.18	3.81 3.10	48.86 62.45	41 53	333 427	134 173	93 93	1.09 0.1	0.1	3.988	0.075	0 0	0 0	0 0	86 116
PL.43120	PL.43127	B C	4ACSR	7.33Y 7.37Y	122.1 122.8	0.06 0.06	3.87 3.16	48.86 62.45	41 52	332 427	134 173	93 93	0.35 0.0	0.0	4.012	0.024	0 0	0 0	0 0	86 116
PL.6878	PL.43120	B C	4ACSR	7.32Y 7.36Y	122.0 122.7	0.17 0.18	4.04 3.33	47.35 62.45	40 52	322 427	130 173	93 93	1.02 0.1	0.1	4.086	0.073	0 0	0 0	0 0	81 116
443807	PL.6878	B	Consumer	7.32Y	122.0	0.00	4.04	0.14	0	1	0	100	0.00	0.0	4.086	0.000	1	0	1	1
443857	PL.6878	B	Consumer	7.32Y	122.0	0.00	4.04	0.78	0	5	2	93	0.00	0.0	4.086	0.000	5	2	1	1
443852	PL.6878	B	Consumer	7.32Y	122.0	0.00	4.04	0.56	0	4	1	97	0.00	0.0	4.086	0.000	4	1	1	1
PL.28135	PL.6878	B C	4ACSR	7.32Y 7.36Y	121.9 122.6	0.03 0.03	4.06 3.36	45.87 62.45	39 52	311 426	126 172	93 93	0.16 0.0	0.0	4.098	0.012	0 0	0 0	0 0	78 116

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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						
RG.15	PL.28135	B C	1ph-100A-7	7.56Y 7.56Y	126.0 126.0	-4.06 -3.36	0.00 0.00	45.87 62.45	46 62	311 426	126 172	93 93	percent Boost= percent Boost=	3.33 2.74	Tap= Tap=	5.3 4.4				78		
PL.28136	RG.15	B C	4ACSR	7.52Y 7.52Y	125.4 125.3	0.61 0.66	0.61 0.66	44.39 60.78	37 51	311 426	126 172	93 93	3.58	0.5	4.377	0.279	0	0	0	78 116		
PL.13428	PL.28136	B C	4ACSR	7.51Y 7.50Y	125.1 125.1	0.25 0.27	0.86 0.93	44.39 60.65	37 51	310 423	125 171	93 93	1.49	0.2	4.493	0.116	0	0	0	78 115		
PL.42696	PL.13428	B C	4ACSR	7.50Y 7.50Y	125.0 124.9	0.13 0.15	1.00 1.08	43.12 60.65	36 51	300 422	122 170	93 93	0.79	0.1	4.555	0.063	0	0	0	75 115		
PD.8126-A	PL.42696	B C	Closed	7.50Y 7.50Y	125.0 124.9	0.00 0.00	1.00 1.08	43.12 60.65	0	300 422	121 170	93 93	0.00	0.0	4.555	0.000	0	0	0	75 115		
PD.8126-B	PD.8126-A	B C	Closed	7.50Y 7.50Y	125.0 124.9	0.00 0.00	1.00 1.08	43.12 60.65	0	300 422	121 170	93 93	0.00	0.0	4.555	0.000	0	0	0	75 115		
PL.42697	PD.8126-B	B C	4ACSR	7.50Y 7.49Y	125.0 124.9	0.01 0.01	1.00 1.09	43.12 60.65	36 51	300 422	121 170	93 93	0.05	0.0	4.559	0.004	0	0	0	75 115		
PL.42694	PL.42697	C	4ACSR	7.49Y	124.9	0.00	1.09	1.62	1	11	4	94	0.00	0.0	4.563	0.004	0	0	0	3		
PD.8125	PL.42694	C	fuse6AMP	7.49Y	124.9	0.00	1.09	1.62	28	11	4	94	0.00	0.0	4.563	0.000	0	0	0	3		
PL.42695	PD.8125	C	4ACSR	7.49Y	124.9	0.01	1.09	1.62	1	11	4	94	0.00	0.0	4.640	0.077	0	0	0	3		
PL.2567	PL.42695	C	4ACSR	7.49Y	124.9	0.00	1.10	0.29	0	2	1	89	0.00	0.0	4.765	0.125	0	0	0	1		
PL.2566	PL.2567	C	4ACSR	7.49Y	124.9	0.00	1.10	0.29	0	2	1	89	0.00	0.0	4.831	0.066	0	0	0	1		
444940	PL.2566	C	Consumer	7.49Y	124.9	0.00	1.10	0.29	0	2	1	89	0.00	0.0	4.831	0.000	2	1	1	1		
PL.2584	PL.42695	C	4ACSR	7.49Y	124.9	0.00	1.10	1.01	1	7	3	92	0.00	0.0	4.674	0.034	0	0	0	1		
444955	PL.2584	C	Consumer	7.49Y	124.9	0.00	1.10	1.01	0	7	3	92	0.00	0.0	4.674	0.000	7	3	1	1		
444903	PL.42695	C	Consumer	7.49Y	124.9	0.00	1.09	0.32	0	2	1	89	0.00	0.0	4.640	0.000	2	1	1	1		
PL.13430	PL.42697	B C	4ACSR	7.48Y 7.47Y	124.6 124.5	0.37 0.40	1.37 1.49	43.12 59.03	36 50	300 410	121 165	93 93	2.11	0.3	4.733	0.174	0	0	0	75 112		
PL.6877	PL.13430	B C	4ACSR	7.47Y 7.47Y	124.5 124.4	0.09 0.10	1.46 1.58	43.12 59.03	36 50	299 409	121 164	93 93	0.51	0.1	4.775	0.042	0	0	0	75 112		
444905	PL.6877	C	Consumer	7.47Y	124.4	0.00	1.58	1.03	0	7	3	92	0.00	0.0	4.775	0.000	7	3	1	1		
PL.6873	PL.6877	B C	4ACSR	7.47Y 7.46Y	124.5 124.4	0.04 0.04	1.50 1.62	43.12 58.01	36 49	299 402	121 161	93 93	0.20	0.0	4.791	0.017	0	0	0	75 111		
PL.32719	PL.6873	B C	4ACSR	7.46Y 7.45Y	124.3 124.1	0.22 0.24	1.72 1.86	41.99 57.24	35 48	291 396	118 159	93 93	1.23	0.2	4.898	0.107	0	0	0	71 110		
PL.32720	PL.32719	B C	4ACSR	7.45Y 7.44Y	124.2 124.1	0.07 0.08	1.79 1.93	41.99 57.24	35 48	290 396	118 159	93 93	0.39	0.1	4.933	0.034	0	0	0	71 110		
PL.42688	PL.32720	B C	4ACSR	7.45Y 7.44Y	124.2 124.0	0.03 0.03	1.82 1.96	41.99 57.24	35 48	290 395	118 159	93 93	0.14	0.0	4.945	0.012	0	0	0	71 110		
444904	PL.42688	C	Consumer	7.44Y	124.0	0.00	1.96	0.43	0	3	1	95	0.00	0.0	4.945	0.000	3	1	1	1		
PL.42689	PL.42688	B C	4ACSR	7.44Y 7.43Y	124.0 123.8	0.23 0.25	2.05 2.21	41.99 56.80	35 48	290 392	118 157	93 93	1.28	0.2	5.058	0.113	0	0	0	71 109		
PL.41698	PL.42689	C	1/0EPRJCN	7.43Y	123.8	0.00	2.21	1.27	1	9	3	95	0.00	0.0	5.173	0.115	0	0	0	1		
4449065	PL.41698	C	Consumer	7.43Y	123.8	0.00	2.21	1.29	0	9	3	95	0.00	0.0	5.173	0.000	9	3	1	1		
PL.41700	PL.42689	B C	4ACSR	7.41Y 7.40Y	123.6 123.4	0.37 0.38	2.42 2.59	41.99 55.54	35 47	289 383	118 154	93 93	1.96	0.3	5.236	0.178	0	0	0	71 108		
PL.13159	PL.41700	B C	4ACSR	7.40Y 7.39Y	123.4 123.2	0.21 0.23	2.62 2.82	38.18 54.13	32 45	262 372	107 149	93 93	1.09	0.2	5.346	0.109	0	0	0	66 105		
444907	PL.13159	C	Consumer	7.39Y	123.2	0.00	2.82	0.00	0	0	0	100	0.00	0.0	5.346	0.000	0	0	0	0		

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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.6548, PL.6552, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.6870	PL.112	C	4ACSR	7.35Y	122.5	0.04	3.54	32.10	27	219	88	93	0.06	0.0	5.709	0.024	0	0	0	63
444926	PL.6870	C	Consumer	7.35Y	122.5	0.00	3.54	0.00	0	0	0	100	0.00	0.0	5.709	0.000	0	0	0	0
444951	PL.6870	C	Consumer	7.35Y	122.5	0.00	3.54	3.79	0	25	12	90	0.00	0.0	5.709	0.000	25	12	1	1
444927	PL.6870	C	Consumer	7.35Y	122.5	0.00	3.54	0.00	0	0	0	100	0.00	0.0	5.709	0.000	0	0	0	0
444949	PL.6870	C	Consumer	7.35Y	122.5	0.00	3.54	0.58	0	4	2	89	0.00	0.0	5.709	0.000	4	2	1	1
444936	PL.6870	C	Consumer	7.35Y	122.5	0.00	3.54	1.00	0	7	3	92	0.00	0.0	5.709	0.000	7	3	1	1
PL.13564	PL.6870	C	4ACSR	7.34Y	122.3	0.13	3.67	26.74	22	183	72	93	0.18	0.1	5.813	0.104	0	0	0	60
444937	PL.13564	C	Consumer	7.34Y	122.3	0.00	3.67	0.00	0	0	0	100	0.00	0.0	5.813	0.000	0	0	0	0
4449068	PL.13564	C	Consumer	7.34Y	122.3	0.00	3.67	0.00	0	0	0	100	0.00	0.0	5.813	0.000	0	0	1	1
PL.13565	PL.13564	C	4ACSR	7.34Y	122.3	0.02	3.69	26.74	22	183	72	93	0.03	0.0	5.832	0.019	0	0	0	59
PL.17906	PL.13565	C	4ACSR	7.34Y	122.3	0.01	3.70	26.74	22	183	72	93	0.01	0.0	5.838	0.006	0	0	0	59
PD.2463	PL.17906	C	50L	7.34Y	122.3	0.00	3.70	26.74	53	183	72	93	0.00	0.0	5.838	0.000	0	0	0	59
PL.17907	PD.2463	C	4ACSR	7.34Y	122.3	0.05	3.75	26.74	22	183	72	93	0.07	0.0	5.881	0.043	0	0	0	59
444950	PL.17907	C	Consumer	7.34Y	122.3	0.00	3.75	0.48	0	3	1	95	0.00	0.0	5.881	0.000	3	1	1	1
PL.13033	PL.17907	C	4ACSR	7.33Y	122.2	0.05	3.80	25.43	21	174	68	93	0.06	0.0	5.923	0.042	0	0	0	56
PL.6886	PL.13033	C	4ACSR	7.33Y	122.1	0.10	3.89	23.86	20	163	64	93	0.12	0.1	6.011	0.088	0	0	0	53
444960	PL.6886	C	Consumer	7.33Y	122.1	0.00	3.89	0.61	0	4	2	89	0.00	0.0	6.011	0.000	4	2	1	1
PL.19273	PL.6886	C	4ACSR	7.32Y	122.1	0.06	3.95	23.25	20	159	62	93	0.07	0.0	6.063	0.052	0	0	0	52
444930	PL.19273	C	Consumer	7.32Y	122.1	0.00	3.95	0.31	0	2	1	89	0.00	0.0	6.063	0.000	2	1	1	1
4449066	PL.19273	C	Consumer	7.32Y	122.1	0.00	3.95	0.53	0	4	1	97	0.00	0.0	6.063	0.000	4	1	1	1
444959	PL.19273	C	Consumer	7.32Y	122.1	0.00	3.95	0.05	0	0	0	100	0.00	0.0	6.063	0.000	0	0	1	1
PL.19274	PL.19273	C	4ACSR	7.32Y	122.0	0.05	4.00	22.36	19	153	59	93	0.06	0.0	6.112	0.048	0	0	0	49
PL.41703	PL.19274	C	4ACSR	7.32Y	122.0	0.03	4.03	22.36	19	153	59	93	0.03	0.0	6.139	0.027	0	0	0	49
PD.7496-A	PL.41703	C	Closed	7.32Y	122.0	0.00	4.03	22.36	0	152	59	93	0.00	0.0	6.139	0.000	0	0	0	49
PD.7496-B	PD.7496-A	C	Closed	7.32Y	122.0	0.00	4.03	22.36	0	152	59	93	0.00	0.0	6.139	0.000	0	0	0	49
PL.41704	PD.7496-B	C	4ACSR	7.29Y	121.5	0.44	4.47	22.36	19	152	59	93	0.51	0.3	6.568	0.429	0	0	0	49
PL.41705	PL.41704	C	4ACSR	7.29Y	121.5	0.00	4.47	1.21	1	8	3	94	0.00	0.0	6.575	0.007	0	0	0	2
PD.7497	PL.41705	C	fuse6AMP	7.29Y	121.5	0.00	4.47	1.21	21	8	3	94	0.00	0.0	6.575	0.000	0	0	0	2
PL.41706	PD.7497	C	4ACSR	7.29Y	121.5	0.00	4.47	1.21	1	8	3	94	0.00	0.0	6.638	0.063	0	0	0	2
454203	PL.41706	C	Consumer	7.29Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	6.638	0.000	0	0	1	1
454220	PL.41706	C	Consumer	7.29Y	121.5	0.00	4.47	1.21	0	8	3	94	0.00	0.0	6.638	0.000	8	3	1	1
PL.13212	PL.41704	C	4ACSR	7.28Y	121.4	0.12	4.59	21.15	18	144	56	93	0.14	0.1	6.695	0.127	0	0	0	47
PL.41707	PL.13212	C	4ACSR	7.28Y	121.4	0.00	4.59	2.16	2	15	6	93	0.00	0.0	6.703	0.007	0	0	0	4
PD.7498	PL.41707	C	fuse6AMP	7.28Y	121.4	0.00	4.59	2.16	37	15	6	93	0.00	0.0	6.703	0.000	0	0	0	4
PL.41708	PD.7498	C	4ACSR	7.28Y	121.4	0.01	4.60	2.16	2	15	6	93	0.00	0.0	6.796	0.093	0	0	0	4
PL.21300	PL.41708	C	4ACSR	7.28Y	121.4	0.00	4.60	1.40	1	9	4	91	0.00	0.0	6.843	0.047	0	0	0	3
454216	PL.21300	C	Consumer	7.28Y	121.4	0.00	4.60	0.23	0	2	1	89	0.00	0.0	6.843	0.000	2	1	1	1
454237	PL.21300	C	Consumer	7.28Y	121.4	0.00	4.60	0.72	0	5	2	93	0.00	0.0	6.843	0.000	5	2	1	1

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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							
454239	PL.21300	C	Consumer	7.28Y	121.4	0.00	4.60	0.45	0	3	1	95	0.00	0.0	6.843	0.000	3	1	1	1
PL.21131	PL.41708	C	4ACSR	7.28Y	121.4	0.00	4.60	0.76	1	5	2	93	0.00	0.0	6.819	0.023	0	0	0	1
454241	PL.21131	C	Consumer	7.28Y	121.4	0.00	4.60	0.76	0	5	2	93	0.00	0.0	6.819	0.000	5	2	1	1
454215	PL.21131	C	Consumer	7.28Y	121.4	0.00	4.60	0.00	0	0	0	100	0.00	0.0	6.819	0.000	0	0	0	0
PL.13213	PL.13212	C	4ACSR	7.28Y	121.3	0.06	4.65	18.39	15	125	49	93	0.06	0.0	6.771	0.076	0	0	0	42
PL.13214	PL.13213	C	4ACSR	7.27Y	121.2	0.10	4.75	17.96	15	122	47	93	0.09	0.1	6.888	0.116	0	0	0	39
PL.6977	PL.13214	C	4ACSR	7.27Y	121.2	0.04	4.79	16.61	14	113	44	93	0.03	0.0	6.939	0.051	0	0	0	36
PL.6978	PL.6977	C	4ACSR	7.26Y	121.0	0.24	5.03	16.61	14	113	44	93	0.21	0.2	7.251	0.312	0	0	0	36
PL.6979	PL.6978	C	4ACSR	7.25Y	120.9	0.10	5.12	15.83	13	107	42	93	0.08	0.1	7.385	0.134	0	0	0	33
PL.6980	PL.6979	C	4ACSR	7.25Y	120.8	0.08	5.21	15.62	13	106	41	93	0.07	0.1	7.503	0.118	0	0	0	32
453201	PL.6980	C	Consumer	7.25Y	120.8	0.00	5.21	0.47	0	3	1	95	0.00	0.0	7.503	0.000	3	1	1	1
453241	PL.6980	C	Consumer	7.25Y	120.8	0.00	5.21	0.88	0	6	2	95	0.00	0.0	7.503	0.000	6	2	1	1
PL.13215	PL.6980	C	4ACSR	7.24Y	120.7	0.07	5.28	14.27	12	96	37	93	0.05	0.1	7.614	0.111	0	0	0	30
PL.13035	PL.13215	C	4ACSR	7.24Y	120.7	0.02	5.30	12.93	11	87	34	93	0.01	0.0	7.641	0.027	0	0	0	28
PL.13036	PL.13035	C	4ACSR	7.24Y	120.7	0.01	5.30	12.19	10	82	32	93	0.00	0.0	7.655	0.014	0	0	0	26
PD.401-A	PL.13036	C	Closed	7.24Y	120.7	0.00	5.30	12.19	0	82	32	93	0.00	0.0	7.655	0.000	0	0	0	26
PD.401-B	PD.401-A	C	Closed	7.24Y	120.7	0.00	5.30	12.19	0	82	32	93	0.00	0.0	7.655	0.000	0	0	0	26
PL.13037	PD.401-B	C	4ACSR	7.24Y	120.6	0.05	5.36	12.19	10	82	32	93	0.03	0.0	7.748	0.094	0	0	0	26
PL.41714	PL.13037	C	4ACSR	7.24Y	120.6	0.00	5.36	3.85	3	26	10	93	0.00	0.0	7.755	0.006	0	0	0	7
PD.7501	PL.41714	C	fuse6AMP	7.24Y	120.6	0.00	5.36	3.85	66	26	10	93	0.00	0.0	7.755	0.000	0	0	0	7
PL.41713	PD.7501	C	4ACSR	7.24Y	120.6	0.00	5.36	3.85	3	26	10	93	0.00	0.0	7.770	0.015	0	0	0	7
PL.22444	PL.41713	C	4ACSR	7.24Y	120.6	0.01	5.37	2.77	2	19	7	94	0.00	0.0	7.821	0.051	0	0	0	4
PL.22443	PL.22444	C	4ACSR	7.24Y	120.6	0.00	5.37	1.62	1	11	4	94	0.00	0.0	7.870	0.049	0	0	0	3
453331	PL.22443	C	Consumer	7.24Y	120.6	0.00	5.37	0.75	0	5	2	93	0.00	0.0	7.870	0.000	5	2	1	1
453338	PL.22443	C	Consumer	7.24Y	120.6	0.00	5.37	0.00	0	0	0	100	0.00	0.0	7.870	0.000	0	0	1	1
PL.22439	PL.22443	C	4ACSR	7.24Y	120.6	0.00	5.37	0.87	1	6	2	95	0.00	0.0	7.919	0.049	0	0	0	1
453309	PL.22439	C	Consumer	7.24Y	120.6	0.00	5.37	0.00	0	0	0	100	0.00	0.0	7.919	0.000	0	0	0	0
PL.23074	PL.22439	C	4ACSR	7.24Y	120.6	0.00	5.37	0.87	1	6	2	95	0.00	0.0	7.948	0.030	0	0	0	1
453333	PL.23074	C	Consumer	7.24Y	120.6	0.00	5.37	0.87	0	6	2	95	0.00	0.0	7.948	0.000	6	2	1	1
453322	PL.22444	C	Consumer	7.24Y	120.6	0.00	5.37	1.14	0	8	3	94	0.00	0.0	7.821	0.000	8	3	1	1
453311	PL.41713	C	Consumer	7.24Y	120.6	0.00	5.36	0.00	0	0	0	100	0.00	0.0	7.770	0.000	0	0	0	0
453323	PL.41713	C	Consumer	7.24Y	120.6	0.00	5.36	0.75	0	5	2	93	0.00	0.0	7.770	0.000	5	2	1	1
453202	PL.41713	C	Consumer	7.24Y	120.6	0.00	5.36	0.19	0	1	0	100	0.00	0.0	7.770	0.000	1	0	1	1
453310	PL.41713	C	Consumer	7.24Y	120.6	0.00	5.36	0.00	0	0	0	100	0.00	0.0	7.770	0.000	0	0	0	0
453305	PL.41713	C	Consumer	7.24Y	120.6	0.00	5.36	0.14	0	1	0	100	0.00	0.0	7.770	0.000	1	0	1	1
PL.13034	PL.13037	C	4ACSR	7.24Y	120.6	0.01	5.36	8.34	7	56	22	93	0.00	0.0	7.766	0.017	0	0	0	19
PL.41487	PL.13034	C	4ACSR	7.24Y	120.6	0.00	5.36	0.00	0	0	0	100	0.00	0.0	7.805	0.039	0	0	0	0
PD.7453-A	PL.41487	C	Open	7.24Y	120.6	0.00	5.36	0.00	0	0	0	100	0.00	0.0	7.805	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.6984	PL.13034	C	4ACSR	7.24Y	120.6	0.04	5.41	7.74	7	52	20	93	0.02	0.0	7.890	0.124	0	0	0	18
453332	PL.6984	C	Consumer	7.24Y	120.6	0.00	5.41	0.64	0	4	2	89	0.00	0.0	7.890	0.000	4	2	1	1
453326	PL.6984	C	Consumer	7.24Y	120.6	0.00	5.41	0.00	0	0	0	100	0.00	0.0	7.890	0.000	0	0	0	0
453329	PL.6984	C	Consumer	7.24Y	120.6	0.00	5.41	0.25	0	2	1	89	0.00	0.0	7.890	0.000	2	1	1	1
453325	PL.6984	C	Consumer	7.24Y	120.6	0.00	5.41	0.00	0	0	0	100	0.00	0.0	7.890	0.000	0	0	0	0
453321	PL.6984	C	Consumer	7.24Y	120.6	0.00	5.41	0.00	0	0	0	100	0.00	0.0	7.890	0.000	0	0	0	0
PL.42297	PL.6984	C	4ACSR	7.23Y	120.6	0.01	5.42	6.86	6	46	18	93	0.00	0.0	7.930	0.040	0	0	0	16
PD.7681	PL.42297	C	25E	7.23Y	120.6	0.00	5.42	6.86	27	46	18	93	0.00	0.0	7.930	0.000	0	0	0	16
PL.42298	PD.7681	C	4ACSR	7.23Y	120.6	0.02	5.44	6.86	6	46	18	93	0.01	0.0	7.994	0.065	0	0	0	16
PL.6991	PL.42298	C	4ACSR	7.23Y	120.6	0.01	5.45	6.20	5	42	16	93	0.00	0.0	8.023	0.029	0	0	0	15
PL.6992	PL.6991	C	4ACSR	7.23Y	120.5	0.01	5.46	3.87	3	26	10	93	0.00	0.0	8.095	0.071	0	0	0	11
PL.40624	PL.6992	C	4ACSR	7.23Y	120.5	0.01	5.48	3.06	3	21	8	93	0.00	0.0	8.200	0.106	0	0	0	9
PL.40625	PL.40624	C	4ACSR	7.23Y	120.5	0.01	5.48	2.64	2	18	7	93	0.00	0.0	8.268	0.068	0	0	0	8
453316	PL.40625	C	Consumer	7.23Y	120.5	0.00	5.48	0.28	0	2	1	89	0.00	0.0	8.268	0.000	2	1	1	1
PL.17469	PL.40625	C	4ACSR	7.23Y	120.5	0.00	5.49	2.36	2	16	6	94	0.00	0.0	8.307	0.038	0	0	0	7
PL.42743	PL.17469	C	4ACSR	7.23Y	120.5	0.00	5.49	0.55	0	4	1	97	0.00	0.0	8.312	0.005	0	0	0	2
PD.8556	PL.42743	C	fuse6AMP	7.23Y	120.5	0.00	5.49	0.55	9	4	1	97	0.00	0.0	8.312	0.000	0	0	0	2
PL.42744	PD.8556	C	4ACSR	7.23Y	120.5	0.00	5.49	0.55	0	4	1	97	0.00	0.0	8.345	0.033	0	0	0	2
PL.33061	PL.42744	C	4ACSR	7.23Y	120.5	0.00	5.49	0.54	0	4	1	97	0.00	0.0	8.385	0.040	0	0	0	1
453335	PL.33061	C	Consumer	7.23Y	120.5	0.00	5.49	0.54	0	4	1	97	0.00	0.0	8.385	0.000	4	1	1	1
4533040	PL.42744	C	Consumer	7.23Y	120.5	0.00	5.49	0.01	0	0	0	100	0.00	0.0	8.345	0.000	0	0	1	1
PL.17470	PL.17469	C	4ACSR	7.23Y	120.5	0.00	5.49	1.80	2	12	5	92	0.00	0.0	8.367	0.060	0	0	0	5
PL.42745	PL.17470	C	4ACSR	7.23Y	120.5	0.00	5.49	0.93	1	6	2	95	0.00	0.0	8.372	0.005	0	0	0	1
PD.8557	PL.42745	C	fuse6AMP	7.23Y	120.5	0.00	5.49	0.93	16	6	2	95	0.00	0.0	8.372	0.000	0	0	0	1
PL.42746	PD.8557	C	4ACSR	7.23Y	120.5	0.00	5.50	0.93	1	6	2	95	0.00	0.0	8.448	0.077	0	0	0	1
453334	PL.42746	C	Consumer	7.23Y	120.5	0.00	5.50	0.93	0	6	2	95	0.00	0.0	8.448	0.000	6	2	1	1
PL.6994	PL.17470	C	4ACSR	7.23Y	120.5	0.00	5.50	0.88	1	6	2	95	0.00	0.0	8.429	0.062	0	0	0	4
PL.6540	PL.6994	C	4ACSR	7.23Y	120.5	0.00	5.50	0.88	1	6	2	95	0.00	0.0	8.506	0.077	0	0	0	4
PL.6541	PL.6540	C	4ACSR	7.23Y	120.5	0.01	5.50	0.88	1	6	2	95	0.00	0.0	8.633	0.127	0	0	0	3
452305	PL.6541	C	Consumer	7.23Y	120.5	0.00	5.50	0.28	0	2	1	89	0.00	0.0	8.633	0.000	2	1	1	1
PL.19088	PL.6541	C	4ACSR	7.23Y	120.5	0.00	5.51	0.60	1	4	2	89	0.00	0.0	8.744	0.111	0	0	0	2
PL.45801	PL.19088	C	4ACSR	7.23Y	120.5	0.00	5.51	0.56	0	4	1	97	0.00	0.0	8.772	0.028	0	0	0	1
4523012	PL.45801	C	Consumer	7.23Y	120.5	0.00	5.51	0.00	0	0	0	100	0.00	0.0	8.772	0.000	0	0	0	0
PL.45802	PL.45801	C	4ACSR	7.23Y	120.5	0.00	5.51	0.56	0	4	1	97	0.00	0.0	8.793	0.020	0	0	0	1
PD.8558-A	PL.45802	C	Closed	7.23Y	120.5	0.00	5.51	0.56	0	4	1	97	0.00	0.0	8.793	0.000	0	0	0	1
PD.8558-B	PD.8558-A	C	Closed	7.23Y	120.5	0.00	5.51	0.56	0	4	1	97	0.00	0.0	8.793	0.000	0	0	0	1
PL.42748	PD.8558-B	C	4ACSR	7.23Y	120.5	0.00	5.51	0.56	0	4	1	97	0.00	0.0	8.828	0.035	0	0	0	1
PL.19087	PL.42748	C	4ACSR	7.23Y	120.5	0.00	5.51	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\SUMMER\PROPOSED SUMMER 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
452309	PL.19087	C	Consumer	7.23Y	120.5	0.00	5.51	0.00	0	0	0	100	0.00	0.0	9.311	0.000	0	0	0	0
452307	PL.42748	C	Consumer	7.23Y	120.5	0.00	5.51	0.56	0	4	1	97	0.00	0.0	8.828	0.000	4	1	1	1
452302	PL.19088	C	Consumer	7.23Y	120.5	0.00	5.51	0.04	0	0	0	100	0.00	0.0	8.744	0.000	0	0	1	1
452310	PL.6540	C	Consumer	7.23Y	120.5	0.00	5.50	0.00	0	0	0	100	0.00	0.0	8.506	0.000	0	0	1	1
PL.40626	PL.40624	C	2ACSR	7.23Y	120.5	0.00	5.48	0.43	0	3	1	95	0.00	0.0	8.205	0.005	0	0	0	1
PD.7239	PL.40626	C	fuse6AMP	7.23Y	120.5	0.00	5.48	0.43	7	3	1	95	0.00	0.0	8.205	0.000	0	0	0	1
PL.40627	PD.7239	C	2ACSR	7.23Y	120.5	0.00	5.48	0.43	0	3	1	95	0.00	0.0	8.262	0.058	0	0	0	1
4533041	PL.40627	C	Consumer	7.23Y	120.5	0.00	5.48	0.43	0	3	1	95	0.00	0.0	8.262	0.000	3	1	1	1
PL.42741	PL.6992	C	4ACSR	7.23Y	120.5	0.00	5.46	0.81	1	5	2	93	0.00	0.0	8.098	0.004	0	0	0	2
PD.8555	PL.42741	C	fuse6AMP	7.23Y	120.5	0.00	5.46	0.81	14	5	2	93	0.00	0.0	8.098	0.000	0	0	0	2
PL.42742	PD.8555	C	4ACSR	7.23Y	120.5	0.00	5.46	0.81	1	5	2	93	0.00	0.0	8.134	0.036	0	0	0	2
453303	PL.42742	C	Consumer	7.23Y	120.5	0.00	5.46	0.75	0	5	2	93	0.00	0.0	8.134	0.000	5	2	1	1
4533039	PL.42742	C	Consumer	7.23Y	120.5	0.00	5.46	0.05	0	0	0	100	0.00	0.0	8.134	0.000	0	0	1	1
453324	PL.6991	C	Consumer	7.23Y	120.6	0.00	5.45	0.75	0	5	2	93	0.00	0.0	8.023	0.000	5	2	1	1
453327	PL.6991	C	Consumer	7.23Y	120.6	0.00	5.45	1.56	0	10	4	93	0.00	0.0	8.023	0.000	3	1	1	2
453328	453327	C	Consumer	7.23Y	120.6	0.00	5.45	1.05	0	7	3	92	0.00	0.0	8.023	0.000	7	3	1	1
453336	PL.6991	C	Consumer	7.23Y	120.6	0.00	5.45	0.03	0	0	0	100	0.00	0.0	8.023	0.000	0	0	1	1
453318	PL.42298	C	Consumer	7.23Y	120.6	0.00	5.44	0.66	0	4	2	89	0.00	0.0	7.994	0.000	4	2	1	1
PL.42739	PL.6984	C	4ACSR	7.24Y	120.6	0.00	5.41	0.00	0	0	0	100	0.00	0.0	7.893	0.004	0	0	0	0
PD.8554	PL.42739	C	fuse6AMP	7.24Y	120.6	0.00	5.41	0.00	0	0	0	100	0.00	0.0	7.893	0.000	0	0	0	0
PL.42740	PD.8554	C	4ACSR	7.24Y	120.6	0.00	5.41	0.00	0	0	0	100	0.00	0.0	7.970	0.076	0	0	0	0
453337	PL.13034	C	Consumer	7.24Y	120.6	0.00	5.36	0.59	0	4	2	89	0.00	0.0	7.766	0.000	4	2	1	1
453239	PL.13035	C	Consumer	7.24Y	120.7	0.00	5.30	0.09	0	1	0	100	0.00	0.0	7.641	0.000	1	0	1	1
453234	PL.13035	C	Consumer	7.24Y	120.7	0.00	5.30	0.65	0	4	2	89	0.00	0.0	7.641	0.000	4	2	1	1
PL.23012	PL.13215	C	4ACSR	7.24Y	120.7	0.00	5.29	1.34	1	9	4	91	0.00	0.0	7.683	0.069	0	0	0	2
453223	PL.23012	C	Consumer	7.24Y	120.7	0.00	5.29	0.43	0	3	1	95	0.00	0.0	7.683	0.000	3	1	1	1
453235	PL.23012	C	Consumer	7.24Y	120.7	0.00	5.29	0.91	0	6	2	95	0.00	0.0	7.683	0.000	6	2	1	1
453222	PL.6979	C	Consumer	7.25Y	120.9	0.00	5.12	0.20	0	1	1	71	0.00	0.0	7.385	0.000	1	1	1	1
454229	PL.6978	C	Consumer	7.26Y	121.0	0.00	5.03	0.19	0	1	1	71	0.00	0.0	7.251	0.000	1	1	1	1
454214	PL.6978	C	Consumer	7.26Y	121.0	0.00	5.03	0.00	0	0	0	100	0.00	0.0	7.251	0.000	0	0	0	0
PL.41711	PL.6978	C	4ACSR	7.26Y	121.0	0.00	5.03	0.60	1	4	2	89	0.00	0.0	7.261	0.010	0	0	0	2
PD.7500	PL.41711	C	fuse6AMP	7.26Y	121.0	0.00	5.03	0.60	10	4	2	89	0.00	0.0	7.261	0.000	0	0	0	2
PL.41712	PD.7500	C	4ACSR	7.26Y	121.0	0.00	5.03	0.60	1	4	2	89	0.00	0.0	7.393	0.132	0	0	0	2
454212	PL.41712	C	Consumer	7.26Y	121.0	0.00	5.03	0.57	0	4	1	97	0.00	0.0	7.393	0.000	4	1	1	1
454218	PL.41712	C	Consumer	7.26Y	121.0	0.00	5.03	0.03	0	0	0	100	0.00	0.0	7.393	0.000	0	0	1	1
454238	PL.13214	C	Consumer	7.27Y	121.2	0.00	4.75	0.24	0	2	1	89	0.00	0.0	6.888	0.000	2	1	1	1
454232	PL.13214	C	Consumer	7.27Y	121.2	0.00	4.75	0.28	0	2	1	89	0.00	0.0	6.888	0.000	2	1	1	1
454205	PL.13214	C	Consumer	7.27Y	121.2	0.00	4.75	0.82	0	6	2	95	0.00	0.0	6.888	0.000	6	2	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.41709	PL.13213	C	4ACSR	7.28Y	121.3	0.00	4.65	0.43	0	3	1	95	0.00	0.0	6.778	0.007	0	0	0	3
PD.7499	PL.41709	C	fuse6AMP	7.28Y	121.3	0.00	4.65	0.43	7	3	1	95	0.00	0.0	6.778	0.000	0	0	0	3
PL.41710	PD.7499	C	4ACSR	7.28Y	121.3	0.00	4.66	0.43	0	3	1	95	0.00	0.0	6.839	0.061	0	0	0	3
454230	PL.41710	C	Consumer	7.28Y	121.3	0.00	4.66	0.07	0	0	0	100	0.00	0.0	6.839	0.000	0	0	1	2
454235	454230	C	Consumer	7.28Y	121.3	0.00	4.66	0.07	0	0	0	100	0.00	0.0	6.839	0.000	0	0	1	1
454233	PL.41710	C	Consumer	7.28Y	121.3	0.00	4.66	0.36	0	2	1	89	0.00	0.0	6.839	0.000	2	1	1	1
454231	PL.13212	C	Consumer	7.28Y	121.4	0.00	4.59	0.61	0	4	2	89	0.00	0.0	6.695	0.000	4	2	1	1
444931	PL.13033	C	Consumer	7.33Y	122.2	0.00	3.80	0.68	0	5	2	93	0.00	0.0	5.923	0.000	5	2	1	1
444924	PL.13033	C	Consumer	7.33Y	122.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	5.923	0.000	0	0	0	0
444962	PL.13033	C	Consumer	7.33Y	122.2	0.00	3.80	0.37	0	2	1	89	0.00	0.0	5.923	0.000	2	1	1	1
444916	PL.13033	C	Consumer	7.33Y	122.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	5.923	0.000	0	0	0	0
444945	PL.13033	C	Consumer	7.33Y	122.2	0.00	3.80	0.52	0	4	1	97	0.00	0.0	5.923	0.000	4	1	1	1
444952	PL.13033	C	Consumer	7.33Y	122.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	5.923	0.000	0	0	0	0
PL.41701	PL.17907	C	4ACSR	7.34Y	122.3	0.00	3.75	0.83	1	6	2	95	0.00	0.0	5.888	0.007	0	0	0	2
PD.7495	PL.41701	C	fuse6AMP	7.34Y	122.3	0.00	3.75	0.83	14	6	2	95	0.00	0.0	5.888	0.000	0	0	0	2
PL.41702	PD.7495	C	4ACSR	7.33Y	122.2	0.00	3.75	0.83	1	6	2	95	0.00	0.0	5.934	0.047	0	0	0	2
444920	PL.41702	C	Consumer	7.33Y	122.2	0.00	3.75	0.00	0	0	0	100	0.00	0.0	5.934	0.000	0	0	0	0
PL.23296	PL.41702	C	4ACSR	7.33Y	122.2	0.00	3.75	0.83	1	6	2	95	0.00	0.0	5.973	0.038	0	0	0	2
PL.23297	PL.23296	C	4ACSR	7.33Y	122.2	0.00	3.75	0.14	0	1	0	100	0.00	0.0	5.981	0.008	0	0	0	1
PL.23354	PL.23297	C	4ACSR	7.33Y	122.2	0.00	3.75	0.14	0	1	0	100	0.00	0.0	6.054	0.073	0	0	0	1
444933	PL.23354	C	Consumer	7.33Y	122.2	0.00	3.75	0.14	0	1	0	100	0.00	0.0	6.054	0.000	1	0	1	1
PL.23361	PL.23297	C	4ACSR	7.33Y	122.2	0.00	3.75	0.00	0	0	0	100	0.00	0.0	6.011	0.030	0	0	0	0
444964	PL.23361	C	Consumer	7.33Y	122.2	0.00	3.75	0.00	0	0	0	100	0.00	0.0	6.011	0.000	0	0	0	0
444954	PL.23296	C	Consumer	7.33Y	122.2	0.00	3.75	0.69	0	5	2	93	0.00	0.0	5.973	0.000	5	2	1	1
PL.6547	PL.13161	B C	4ACSR	7.37Y 7.35Y	122.8 122.5	0.08 0.04	3.23 3.48	26.82 20.20	23 17	182 138	76 55	92 93	0.16 0.0	0.0	5.705	0.062	0 0	0 0	0 0	45 37
445932	PL.6547	B	Consumer	7.37Y	122.8	0.00	3.23	0.18	0	1	1	71	0.00	0.0	5.705	0.000	1	1	1	1
445921	PL.6547	B	Consumer	7.37Y	122.8	0.00	3.23	1.16	0	8	3	94	0.00	0.0	5.705	0.000	8	3	1	1
PL.13566	PL.6547	B C	4ACSR	7.36Y 7.35Y	122.7 122.5	0.03 0.02	3.26 3.50	25.48 20.20	21 17	173 138	73 55	92 93	0.06 0.0	0.0	5.729	0.024	0 0	0 0	0 0	43 37
445906	PL.13566	B	Consumer	7.36Y	122.7	0.00	3.26	0.56	0	4	1	97	0.00	0.0	5.729	0.000	4	1	1	1
PL.13567	PL.13566	B C	4ACSR	7.36Y 7.35Y	122.6 122.4	0.11 0.06	3.37 3.56	24.92 20.20	21 17	169 138	71 55	92 93	0.21 0.0	0.1	5.819	0.090	0 0	0 0	0 0	42 37
PL.8598	PL.13567	B C	4ACSR	7.35Y 7.34Y	122.5 122.4	0.12 0.07	3.49 3.63	24.92 20.20	21 17	169 138	71 54	92 93	0.24 0.0	0.1	5.921	0.102	0 0	0 0	0 0	42 37
PL.13568	PL.8598	B C	4ACSR	7.35Y 7.34Y	122.4 122.3	0.07 0.04	3.56 3.67	24.92 20.06	21 17	169 137	71 54	92 93	0.14 0.0	0.0	5.981	0.060	0 0	0 0	0 0	42 36
PL.13569	PL.13568	B C	4ACSR	7.35Y 7.34Y	122.4 122.3	0.02 0.01	3.58 3.68	24.92 20.06	21 17	169 137	71 54	92 93	0.04 0.0	0.0	6.000	0.019	0 0	0 0	0 0	41 36
PL.13570	PL.13569	B C	4ACSR	7.34Y 7.34Y	122.3 122.3	0.07 0.04	3.65 3.72	24.86 20.06	21 17	168 137	71 54	92 93	0.14 0.0	0.0	6.061	0.061	0 0	0 0	0 0	40 36

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.13030	PL.13570	B C	4ACSR	7.34Y 122.3	0.01	3.67	24.86	21	168	71	92	0.02	0.0	6.070	0.009	0	0	0	40
				7.34Y 122.3	0.01	3.73	20.06	17	137	54	93	0	0						
PL.45489	PL.13030	B	4ACSR	7.34Y 122.3	0.01	3.67	15.89	13	107	47	92	0.01	0.0	6.082	0.013	0	0	0	19
C PD.1451	PL.45489	B	fuse6AMP	7.34Y 122.3	0.00	3.67	15.89	272	107	47	92	0.00	0.0	6.082	0.000	0	0	0	19 C
PL.45490	PD.1451	B	4ACSR	7.34Y 122.3	0.04	3.71	15.89	13	107	47	92	0.03	0.0	6.133	0.051	0	0	0	19
PL.7014	PL.45490	B	4ACSR	7.33Y 122.2	0.05	3.77	15.89	13	107	47	92	0.04	0.0	6.206	0.073	0	0	0	19
PL.1836	PL.7014	B	4ACSR	7.33Y 122.2	0.00	3.77	1.04	1	7	3	92	0.00	0.0	6.251	0.045	0	0	0	1
455242	PL.1836	B	Consumer	7.33Y 122.2	0.00	3.77	1.04	0	7	3	92	0.00	0.0	6.251	0.000	7	3	1	1
PL.2837	PL.7014	B	4ACSR	7.33Y 122.2	0.00	3.77	1.16	1	8	3	94	0.00	0.0	6.275	0.069	0	0	0	1
455223	PL.2837	B	Consumer	7.33Y 122.2	0.00	3.77	1.16	0	8	3	94	0.00	0.0	6.275	0.000	8	3	1	1
455202	PL.7014	B	Consumer	7.33Y 122.2	0.00	3.77	0.80	0	5	2	93	0.00	0.0	6.206	0.000	5	2	1	1
455201	PL.7014	B	Consumer	7.33Y 122.2	0.00	3.77	0.11	0	1	0	100	0.00	0.0	6.206	0.000	1	0	1	1
PL.7015	PL.7014	B	4ACSR	7.33Y 122.1	0.10	3.87	12.79	11	86	38	91	0.07	0.1	6.376	0.169	0	0	0	15
PL.7010	PL.7015	B	4ACSR	7.32Y 122.0	0.14	4.01	12.79	11	86	38	91	0.10	0.1	6.620	0.245	0	0	0	14
PL.22440	PL.7010	B	4ACSR	7.31Y 121.9	0.11	4.12	12.79	11	86	38	91	0.07	0.1	6.812	0.191	0	0	0	14
454240	PL.22440	B	Consumer	7.31Y 121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	6.812	0.000	0	0	1	1
PL.22441	PL.22440	B	4ACSR	7.31Y 121.8	0.06	4.18	12.79	11	86	38	91	0.04	0.0	6.911	0.100	0	0	0	13
PL.13619	PL.22441	B	4ACSR	7.31Y 121.8	0.03	4.21	11.87	10	79	35	91	0.02	0.0	6.965	0.054	0	0	0	11
454227	PL.13619	B	Consumer	7.31Y 121.8	0.00	4.21	0.29	0	2	1	89	0.00	0.0	6.965	0.000	2	1	1	1
454228	PL.13619	B	Consumer	7.31Y 121.8	0.00	4.21	0.10	0	1	0	100	0.00	0.0	6.965	0.000	1	0	1	1
PL.13620	PL.13619	B	4ACSR	7.31Y 121.8	0.00	4.21	10.13	9	67	31	91	0.00	0.0	6.966	0.001	0	0	0	8
PL.13618	PL.13620	B	4ACSR	7.31Y 121.8	0.03	4.24	10.13	9	67	31	91	0.01	0.0	7.022	0.056	0	0	0	8
PL.2619	PL.13618	B	4ACSR	7.31Y 121.8	0.01	4.25	4.50	4	30	14	91	0.00	0.0	7.067	0.045	0	0	0	1
454242	PL.2619	B	Consumer	7.31Y 121.8	0.00	4.25	4.50	0	30	14	91	0.00	0.0	7.067	0.000	30	14	1	1
454225	PL.13618	B	Consumer	7.31Y 121.8	0.00	4.24	1.17	0	8	4	89	0.00	0.0	7.022	0.000	8	4	1	1
454224	PL.13618	B	Consumer	7.31Y 121.8	0.00	4.24	0.12	0	1	0	100	0.00	0.0	7.022	0.000	1	0	1	1
454223	PL.13618	B	Consumer	7.31Y 121.8	0.00	4.24	0.15	0	1	0	100	0.00	0.0	7.022	0.000	1	0	1	1
4542044	PL.13618	B	Consumer	7.31Y 121.8	0.00	4.24	0.00	0	0	0	100	0.00	0.0	7.022	0.000	0	0	0	0
454236	PL.13618	B	Consumer	7.31Y 121.8	0.00	4.24	2.70	0	18	7	93	0.00	0.0	7.022	0.000	18	7	1	1
454226	PL.13618	B	Consumer	7.31Y 121.8	0.00	4.24	0.36	0	2	1	89	0.00	0.0	7.022	0.000	2	1	1	1
454222	PL.13618	B	Consumer	7.31Y 121.8	0.00	4.24	0.67	0	4	2	89	0.00	0.0	7.022	0.000	4	2	1	1
454213	PL.13618	B	Consumer	7.31Y 121.8	0.00	4.24	0.46	0	3	1	95	0.00	0.0	7.022	0.000	3	1	1	1
PL.23073	PL.13619	B	4ACSR	7.31Y 121.8	0.00	4.21	1.36	1	9	4	91	0.00	0.0	7.020	0.055	0	0	0	1
454221	PL.23073	B	Consumer	7.31Y 121.8	0.00	4.21	1.36	0	9	4	91	0.00	0.0	7.020	0.000	9	4	1	1
454243	PL.22441	B	Consumer	7.31Y 121.8	0.00	4.18	0.00	0	0	0	100	0.00	0.0	6.911	0.000	0	0	1	1
454219	PL.22441	B	Consumer	7.31Y 121.8	0.00	4.18	0.92	0	6	2	95	0.00	0.0	6.911	0.000	6	2	1	1
455215	PL.7015	B	Consumer	7.33Y 122.1	0.00	3.87	0.00	0	0	0	100	0.00	0.0	6.376	0.000	0	0	1	1
PL.13031	PL.13030	B C	4ACSR	7.34Y 122.3	0.00	3.67	8.34	7	57	22	93	0.01	0.0	6.080	0.010	0	0	0	19
				7.34Y 122.3	0.01	3.74	20.06	17	137	54	93	0	0						

Unbalanced Voltage Drop Report
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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	Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	mi	Length						Cons On	Cons Thru		
PL.13032	PL.13031	B	4ACSR	7.34Y	122.3	0.02	3.69	8.34	7	57	22	93	0.05	0.0	6.130	0.051	0	0	0	19		
		C		7.33Y	122.2	0.04	3.78	20.06	17	137	54	93					0	0	0	36		
PL.6434	PL.13032	B	4ACSR	7.34Y	122.3	0.03	3.72	8.10	7	55	21	93	0.08	0.0	6.201	0.070	0	0	0	18		
		C		7.33Y	122.2	0.06	3.84	20.06	17	137	54	93					0	0	0	36		
PL.13578	PL.6434	B	4ACSR	7.34Y	122.3	0.02	3.74	8.10	7	55	21	93	0.05	0.0	6.244	0.043	0	0	0	18		
		C		7.33Y	122.1	0.04	3.88	20.06	17	137	54	93					0	0	0	36		
455205	PL.13578	B	Consumer	7.34Y	122.3	0.00	3.74	0.97	0	7	3	92	0.00	0.0	6.244	0.000	7	3	1	1		
455225	PL.13578	B	Consumer	7.34Y	122.3	0.00	3.74	0.43	0	3	1	95	0.00	0.0	6.244	0.000	3	1	1	1		
PL.13579	PL.13578	B	4ACSR	7.33Y	122.2	0.02	3.76	6.70	6	46	18	93	0.05	0.0	6.290	0.046	0	0	0	16		
		C		7.33Y	122.1	0.04	3.92	20.06	17	137	54	93					0	0	0	36		
455249	PL.13579	C	Consumer	7.33Y	122.1	0.00	3.92	0.11	0	1	0	100	0.00	0.0	6.290	0.000	1	0	1	1		
PL.40434	PL.13579	B	4ACSR	7.33Y	122.2	0.01	3.76	6.70	6	46	18	93	0.02	0.0	6.310	0.021	0	0	0	16		
		C		7.32Y	122.1	0.02	3.93	19.95	17	136	53	93					0	0	0	35		
PL.40435	PL.40434	B	4ACSR	7.33Y	122.2	0.00	3.76	3.46	3	24	9	94	0.00	0.0	6.316	0.006	0	0	0	10		
		C		7.32Y	122.1	0.00	3.94	17.77	15	121	48	93					0	0	0	32		
PL.13573	PL.40435	C	4ACSR	7.32Y	122.1	0.00	3.94	0.00	0	0	0	100	0.00	0.0	6.316	0.000	0	0	0	0		
PL.13574	PL.40435	C	4ACSR	7.32Y	122.1	0.00	3.94	17.77	15	121	48	93	0.00	0.0	6.322	0.005	0	0	0	32		
PD.3526	PL.13574	C	50L	7.32Y	122.1	0.00	3.94	17.77	36	121	48	93	0.00	0.0	6.322	0.000	0	0	0	32		
PL.13580	PD.3526	C	4ACSR	7.32Y	122.0	0.07	4.01	17.77	15	121	48	93	0.06	0.1	6.403	0.081	0	0	0	32		
PL.13581	PL.13580	C	4ACSR	7.32Y	122.0	0.03	4.04	16.45	14	112	44	93	0.03	0.0	6.442	0.039	0	0	0	29		
455217	PL.13581	C	Consumer	7.32Y	122.0	0.00	4.04	0.69	0	5	2	93	0.00	0.0	6.442	0.000	5	2	1	1		
PL.13582	PL.13581	C	4ACSR	7.31Y	121.9	0.05	4.09	15.76	13	107	42	93	0.04	0.0	6.512	0.069	0	0	0	28		
455220	PL.13582	C	Consumer	7.31Y	121.9	0.00	4.09	0.57	0	4	2	89	0.00	0.0	6.512	0.000	4	2	1	1		
PL.13583	PL.13582	C	4ACSR	7.31Y	121.9	0.06	4.15	15.19	13	103	41	93	0.05	0.0	6.596	0.084	0	0	0	27		
455209	PL.13583	C	Consumer	7.31Y	121.9	0.00	4.15	0.37	0	3	1	95	0.00	0.0	6.596	0.000	3	1	1	1		
455246	PL.13583	C	Consumer	7.31Y	121.9	0.00	4.15	0.32	0	2	1	89	0.00	0.0	6.596	0.000	2	1	1	1		
455228	PL.13583	C	Consumer	7.31Y	121.9	0.00	4.15	0.00	0	0	0	100	0.00	0.0	6.596	0.000	0	0	1	1		
PL.13584	PL.13583	C	4ACSR	7.31Y	121.8	0.06	4.21	14.50	12	99	39	93	0.05	0.0	6.691	0.096	0	0	0	24		
PL.13585	PL.13584	C	4ACSR	7.30Y	121.7	0.05	4.26	13.20	11	90	35	93	0.03	0.0	6.775	0.084	0	0	0	22		
PL.40880	PL.13585	C	4ACSR	7.30Y	121.7	0.00	4.26	1.49	1	10	4	93	0.00	0.0	6.781	0.005	0	0	0	1		
PD.7272	PL.40880	C	fuse6AMP	7.30Y	121.7	0.00	4.26	1.49	25	10	4	93	0.00	0.0	6.781	0.000	0	0	0	1		
PL.40881	PD.7272	C	4ACSR	7.30Y	121.7	0.00	4.27	1.49	1	10	4	93	0.00	0.0	6.851	0.070	0	0	0	1		
455233	PL.40881	C	Consumer	7.30Y	121.7	0.00	4.27	1.49	0	10	4	93	0.00	0.0	6.851	0.000	10	4	1	1		
PL.13586	PL.13585	C	4ACSR	7.30Y	121.7	0.04	4.30	11.71	10	79	31	93	0.02	0.0	6.848	0.072	0	0	0	21		
455245	PL.13586	C	Consumer	7.30Y	121.7	0.00	4.30	0.79	0	5	2	93	0.00	0.0	6.848	0.000	5	2	1	1		
PL.40878	PL.13586	C	4ACSR	7.30Y	121.7	0.00	4.30	2.26	2	15	6	93	0.00	0.0	6.855	0.008	0	0	0	3		
PD.7271	PL.40878	C	fuse6AMP	7.30Y	121.7	0.00	4.30	2.26	39	15	6	93	0.00	0.0	6.855	0.000	0	0	0	3		
PL.40879	PD.7271	C	4ACSR	7.30Y	121.7	0.01	4.31	2.26	2	15	6	93	0.00	0.0	6.924	0.069	0	0	0	3		
PL.23015	PL.40879	C	4ACSR	7.30Y	121.7	0.00	4.31	1.12	1	8	3	94	0.00	0.0	6.962	0.038	0	0	0	1		
455237	PL.23015	C	Consumer	7.30Y	121.7	0.00	4.31	1.12	0	8	3	94	0.00	0.0	6.962	0.000	8	3	1	1		
PL.22518	PL.40879	C	4ACSR	7.30Y	121.7	0.00	4.31	0.41	0	3	1	95	0.00	0.0	6.995	0.071	0	0	0	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	KVAR	% PF	kW Loss							% Loss	
455231	PL.22518	C	Consumer	7.30Y	121.7	0.00	4.31	0.00	0	0	0	0	100	0.00	0.0	6.995	0.000	0	0	0	0
455247	PL.22518	C	Consumer	7.30Y	121.7	0.00	4.31	0.41	0	3	1	95	0.00	0.0	6.995	0.000	3	1	1	1	1
455229	PL.40879	C	Consumer	7.30Y	121.7	0.00	4.31	0.74	0	5	2	93	0.00	0.0	6.924	0.000	5	2	1	1	1
PL.13587	PL.13586	C	4ACSR	7.30Y	121.7	0.03	4.33	8.66	7	59	23	93	0.01	0.0	6.916	0.069	0	0	0	0	17
455253	PL.13587	C	Consumer	7.30Y	121.7	0.00	4.33	0.31	0	2	1	89	0.00	0.0	6.916	0.000	2	1	1	1	1
PL.13588	PL.13587	C	4ACSR	7.30Y	121.6	0.05	4.37	8.35	7	57	23	93	0.02	0.0	7.036	0.120	0	0	0	0	16
PL.40876	PL.13588	C	4ACSR	7.30Y	121.6	0.00	4.37	1.21	1	8	3	94	0.00	0.0	7.048	0.012	0	0	0	0	4
PD.7270	PL.40876	C	fuse6AMP	7.30Y	121.6	0.00	4.37	1.21	21	8	3	94	0.00	0.0	7.048	0.000	0	0	0	0	4
PL.40877	PD.7270	C	4ACSR	7.30Y	121.6	0.00	4.38	1.21	1	8	3	94	0.00	0.0	7.089	0.041	0	0	0	0	4
4552057	PL.40877	C	Consumer	7.30Y	121.6	0.00	4.38	0.89	0	6	2	95	0.00	0.0	7.089	0.000	6	2	1	1	1
PL.22520	PL.40877	C	4ACSR	7.30Y	121.6	0.00	4.38	0.32	0	2	1	89	0.00	0.0	7.213	0.124	0	0	0	0	3
PL.23518	PL.22520	C	4ACSR	7.30Y	121.6	0.00	4.38	0.05	0	0	0	100	0.00	0.0	7.362	0.149	0	0	0	0	2
4552056	PL.23518	C	Consumer	7.30Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	7.362	0.000	0	0	1	1	1
455255	PL.23518	C	Consumer	7.30Y	121.6	0.00	4.38	0.05	0	0	0	100	0.00	0.0	7.362	0.000	0	0	1	1	1
455239	PL.22520	C	Consumer	7.30Y	121.6	0.00	4.38	0.27	0	2	1	89	0.00	0.0	7.213	0.000	2	1	1	1	1
455240	PL.22520	C	Consumer	7.30Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	7.213	0.000	0	0	0	0	0
455251	PL.13588	C	Consumer	7.30Y	121.6	0.00	4.37	0.03	0	0	0	100	0.00	0.0	7.036	0.000	0	0	1	1	1
455230	PL.13588	C	Consumer	7.30Y	121.6	0.00	4.37	0.70	0	5	2	93	0.00	0.0	7.036	0.000	5	2	1	1	1
455250	PL.13588	C	Consumer	7.30Y	121.6	0.00	4.37	1.03	0	7	3	92	0.00	0.0	7.036	0.000	7	3	1	1	1
PL.7013	PL.13588	C	4ACSR	7.29Y	121.6	0.05	4.42	5.38	5	37	14	94	0.01	0.0	7.235	0.199	0	0	0	0	9
PL.13589	PL.7013	C	4ACSR	7.29Y	121.6	0.01	4.43	4.53	4	31	12	93	0.00	0.0	7.289	0.054	0	0	0	0	8
PL.13591	PL.13589	C	4ACSR	7.29Y	121.6	0.00	4.43	0.69	1	5	2	93	0.00	0.0	7.310	0.021	0	0	0	0	1
PD.1065	PL.13591	C	fuse6AMP	7.29Y	121.6	0.00	4.43	0.69	12	5	2	93	0.00	0.0	7.310	0.000	0	0	0	0	1
PL.13592	PD.1065	C	4ACSR	7.29Y	121.6	0.01	4.44	0.69	1	5	2	93	0.00	0.0	7.544	0.234	0	0	0	0	1
455252	PL.13592	C	Consumer	7.29Y	121.6	0.00	4.44	0.69	0	5	2	93	0.00	0.0	7.544	0.000	5	2	1	1	1
PL.41779	PL.13589	C	4ACSR	7.29Y	121.6	0.02	4.45	3.84	3	26	10	93	0.00	0.0	7.380	0.091	0	0	0	0	7
455234	PL.41779	C	Consumer	7.29Y	121.6	0.00	4.45	0.31	0	2	1	89	0.00	0.0	7.380	0.000	2	1	1	1	1
PL.13593	PL.41779	C	4ACSR	7.29Y	121.5	0.00	4.45	3.53	3	24	9	94	0.00	0.0	7.391	0.011	0	0	0	0	6
PL.13594	PL.13593	C	4ACSR	7.29Y	121.5	0.02	4.47	3.53	3	24	9	94	0.00	0.0	7.502	0.111	0	0	0	0	6
455235	PL.13594	C	Consumer	7.29Y	121.5	0.00	4.47	0.44	0	3	1	95	0.00	0.0	7.502	0.000	3	1	1	1	1
PL.7011	PL.13594	C	4ACSR	7.29Y	121.5	0.01	4.48	3.09	3	21	8	93	0.00	0.0	7.569	0.067	0	0	0	0	5
PL.7012	PL.7011	C	4ACSR	7.29Y	121.5	0.02	4.49	1.43	1	10	4	93	0.00	0.0	7.802	0.233	0	0	0	0	4
PL.13598	PL.7012	C	4ACSR	7.29Y	121.5	0.01	4.51	1.43	1	10	4	93	0.00	0.0	7.988	0.187	0	0	0	0	4
PL.40874	PL.13598	C	4ACSR	7.29Y	121.5	0.00	4.51	0.54	0	4	1	97	0.00	0.0	7.993	0.005	0	0	0	0	2
PD.7269	PL.40874	C	fuse6AMP	7.29Y	121.5	0.00	4.51	0.54	9	4	1	97	0.00	0.0	7.993	0.000	0	0	0	0	2
PL.40875	PD.7269	C	4ACSR	7.29Y	121.5	0.00	4.51	0.54	0	4	1	97	0.00	0.0	8.040	0.047	0	0	0	0	2
PL.23016	PL.40875	C	4ACSR	7.29Y	121.5	0.00	4.51	0.54	0	4	1	97	0.00	0.0	8.098	0.057	0	0	0	0	2
455314	PL.23016	C	Consumer	7.29Y	121.5	0.00	4.51	0.46	0	3	1	95	0.00	0.0	8.098	0.000	3	1	1	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.29Y	121.5	0.00	4.51	0.08	0	1	0	100	0.00	0.0	8.189	0.091	0	0	0	1
455315	PL.28655	C	Consumer	7.29Y	121.5	0.00	4.51	0.08	0	1	0	100	0.00	0.0	8.189	0.000	1	0	1	1
PL.13597	PL.13598	C	4ACSR	7.29Y	121.5	0.00	4.51	0.88	1	6	2	95	0.00	0.0	8.062	0.073	0	0	0	2
PL.6974	PL.13597	C	4ACSR	7.29Y	121.5	0.00	4.51	0.75	1	5	2	93	0.00	0.0	8.118	0.056	0	0	0	1
PL.40872	PL.6974	C	4ACSR	7.29Y	121.5	0.00	4.51	0.75	1	5	2	93	0.00	0.0	8.122	0.004	0	0	0	1
PD.7268	PL.40872	C	fuse6AMP	7.29Y	121.5	0.00	4.51	0.75	13	5	2	93	0.00	0.0	8.122	0.000	0	0	0	1
PL.40873	PD.7268	C	4ACSR	7.29Y	121.5	0.00	4.51	0.75	1	5	2	93	0.00	0.0	8.178	0.056	0	0	0	1
454305	PL.40873	C	Consumer	7.29Y	121.5	0.00	4.51	0.75	0	5	2	93	0.00	0.0	8.178	0.000	5	2	1	1
PL.13596	PL.6974	C	4ACSR	7.29Y	121.5	0.00	4.51	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	7.29Y	121.5	0.00	4.51	0.00	0	0	0	100	0.00	0.0	8.136	0.000	0	0	0	0
454306	PL.13597	C	Consumer	7.29Y	121.5	0.00	4.51	0.13	0	1	0	100	0.00	0.0	8.062	0.000	1	0	1	1
454304	PL.13597	C	Consumer	7.29Y	121.5	0.00	4.51	0.00	0	0	0	100	0.00	0.0	8.062	0.000	0	0	0	0
455236	PL.7011	C	Consumer	7.29Y	121.5	0.00	4.48	1.66	0	11	4	94	0.00	0.0	7.569	0.000	11	4	1	1
455244	PL.7013	C	Consumer	7.29Y	121.6	0.00	4.42	0.85	0	6	2	95	0.00	0.0	7.235	0.000	6	2	1	1
4552058	PL.13585	C	Consumer	7.30Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	6.775	0.000	0	0	0	0
PL.40882	PL.13584	C	4ACSR	7.31Y	121.8	0.00	4.21	0.70	1	5	2	93	0.00	0.0	6.698	0.007	0	0	0	1
PD.7273	PL.40882	C	fuse6AMP	7.31Y	121.8	0.00	4.21	0.70	12	5	2	93	0.00	0.0	6.698	0.000	0	0	0	1
PL.40883	PD.7273	C	4ACSR	7.31Y	121.8	0.00	4.21	0.70	1	5	2	93	0.00	0.0	6.800	0.101	0	0	0	1
455216	PL.40883	C	Consumer	7.31Y	121.8	0.00	4.21	0.70	0	5	2	93	0.00	0.0	6.800	0.000	5	2	1	1
455218	PL.13584	C	Consumer	7.31Y	121.8	0.00	4.21	0.61	0	4	2	89	0.00	0.0	6.691	0.000	4	2	1	1
455207	PL.13580	C	Consumer	7.32Y	122.0	0.00	4.01	0.56	0	4	1	97	0.00	0.0	6.403	0.000	4	1	1	1
455227	PL.13580	C	Consumer	7.32Y	122.0	0.00	4.01	0.50	0	3	1	95	0.00	0.0	6.403	0.000	3	1	1	1
455224	PL.13580	C	Consumer	7.32Y	122.0	0.00	4.01	0.27	0	2	1	89	0.00	0.0	6.403	0.000	2	1	1	1
PL.41777	PL.40435	B	4ACSR	7.33Y	122.2	0.00	3.77	3.46	3	24	9	94	0.00	0.0	6.325	0.009	0	0	0	10
PD.7519	PL.41777	B	fuse6AMP	7.33Y	122.2	0.00	3.77	3.46	59	24	9	94	0.00	0.0	6.325	0.000	0	0	0	10
PL.41778	PD.7519	B	4ACSR	7.33Y	122.2	0.01	3.78	3.46	3	24	9	94	0.00	0.0	6.399	0.074	0	0	0	10
PL.6432	PL.41778	B	4ACSR	7.33Y	122.2	0.01	3.78	3.46	3	24	9	94	0.00	0.0	6.435	0.036	0	0	0	10
PL.13621	PL.6432	B	4ACSR	7.33Y	122.2	0.00	3.79	3.46	3	24	9	94	0.00	0.0	6.454	0.019	0	0	0	10
PL.13622	PL.13621	B	4ACSR	7.33Y	122.2	0.03	3.82	3.10	3	21	8	93	0.00	0.0	6.661	0.207	0	0	0	9
PL.6431	PL.13622	B	4ACSR	7.33Y	122.2	0.03	3.84	2.15	2	15	6	93	0.00	0.0	6.928	0.268	0	0	0	8
446901	PL.6431	B	Consumer	7.33Y	122.2	0.00	3.84	0.02	0	0	0	100	0.00	0.0	6.928	0.000	0	0	1	1
PL.6430	PL.6431	B	4ACSR	7.33Y	122.1	0.01	3.85	2.14	2	15	6	93	0.00	0.0	7.024	0.096	0	0	0	7
446912	PL.6430	B	Consumer	7.33Y	122.1	0.00	3.85	0.23	0	2	1	89	0.00	0.0	7.024	0.000	2	1	1	1
PL.22542	PL.6430	B	4ACSR	7.33Y	122.1	0.00	3.85	0.38	0	3	1	95	0.00	0.0	7.131	0.106	0	0	0	2
PL.22541	PL.22542	B	4ACSR	7.33Y	122.1	0.00	3.85	0.33	0	2	1	89	0.00	0.0	7.203	0.072	0	0	0	1
446909	PL.22541	B	Consumer	7.33Y	122.1	0.00	3.85	0.33	0	2	1	89	0.00	0.0	7.203	0.000	2	1	1	1
446906	PL.22542	B	Consumer	7.33Y	122.1	0.00	3.85	0.04	0	0	0	100	0.00	0.0	7.131	0.000	0	0	1	1
PL.41302	PL.6430	B	4ACSR	7.33Y	122.1	0.01	3.86	1.53	1	10	4	93	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\SUMMER\PROPOSED SUMMER 06-10 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	7.33Y	122.1	0.00	3.86	0.67	0	5	2	93	0.00	0.0	7.106	0.000	5	2	1	1
PL.41303	PL.41302	B	4ACSR	7.33Y	122.1	0.00	3.86	0.86	1	6	2	95	0.00	0.0	7.157	0.051	0	0	0	3
PL.13623	PL.41303	B	4ACSR	7.33Y	122.1	0.00	3.86	0.53	0	4	1	97	0.00	0.0	7.261	0.104	0	0	0	1
PL.13624	PL.13623	B	4ACSR	7.33Y	122.1	0.00	3.86	0.53	0	4	1	97	0.00	0.0	7.325	0.064	0	0	0	1
PL.1837	PL.13624	B	4ACSR	7.33Y	122.1	0.00	3.87	0.53	0	4	1	97	0.00	0.0	7.522	0.197	0	0	0	1
456253	PL.1837	B	Consumer	7.33Y	122.1	0.00	3.87	0.53	0	4	1	97	0.00	0.0	7.522	0.000	4	1	1	1
446903	PL.13624	B	Consumer	7.33Y	122.1	0.00	3.86	0.00	0	0	0	100	0.00	0.0	7.325	0.000	0	0	0	0
PL.39193	PL.41303	B	4ACSR	7.33Y	122.1	0.00	3.86	0.33	0	2	1	89	0.00	0.0	7.188	0.031	0	0	0	2
PL.39194	PL.39193	B	4ACSR	7.33Y	122.1	0.00	3.86	0.30	0	2	1	89	0.00	0.0	7.253	0.065	0	0	0	1
4469016	PL.39194	B	Consumer	7.33Y	122.1	0.00	3.86	0.30	0	2	1	89	0.00	0.0	7.253	0.000	2	1	1	1
446904	PL.39193	B	Consumer	7.33Y	122.1	0.00	3.86	0.03	0	0	0	100	0.00	0.0	7.188	0.000	0	0	1	1
445933	PL.13622	B	Consumer	7.33Y	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	6.661	0.000	0	0	0	0
445930	PL.13622	B	Consumer	7.33Y	122.2	0.00	3.82	0.94	0	6	2	95	0.00	0.0	6.661	0.000	6	2	1	1
PL.22540	PL.13621	B	4ACSR	7.33Y	122.2	0.00	3.79	0.36	0	2	1	89	0.00	0.0	6.514	0.060	0	0	0	1
445923	PL.22540	B	Consumer	7.33Y	122.2	0.00	3.79	0.36	0	2	1	89	0.00	0.0	6.514	0.000	2	1	1	1
PL.40433	PL.40434	B C	4ACSR	7.33Y 7.32Y	122.2 122.1	0.01 0.00	3.77 3.94	3.24 2.18	3 2	22 15	9 6	93 93	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	7.33Y 7.32Y	122.2 122.1	0.01 0.01	3.78 3.95	2.07 2.18	2 2	14 15	5 6	94 93	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	7.32Y	122.1	0.00	3.95	0.58	0	4	2	89	0.00	0.0	6.494	0.000	4	2	1	1
PL.46035	PL.13611	B C	4ACSR	7.33Y 7.32Y	122.2 122.1	0.01 0.00	3.80 3.95	2.07 0.64	2 1	14 4	5 2	94 93	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	7.33Y 7.32Y	122.2 122.1	0.00 0.00	3.80 3.95	2.07 0.64	0 0	14 4	5 2	94 93	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	7.33Y 7.32Y	122.2 122.1	0.00 0.00	3.80 3.95	2.07 0.64	0 0	14 4	5 2	94 93	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	7.33Y 7.32Y	122.2 122.1	0.00 0.00	3.80 3.95	2.07 0.64	2 1	14 4	5 2	94 93	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	7.33Y 7.32Y	122.2 122.1	0.00 0.00	3.80 3.95	2.07 0.64	2 1	14 4	5 2	94 93	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	7.33Y 7.32Y	122.2 122.1	0.00 0.00	3.80 3.95	2.07 0.64	2 1	14 4	5 2	94 93	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	7.33Y 7.32Y	122.2 122.1	0.00 0.00	3.81 3.95	2.07 0.64	2 1	14 4	5 2	94 93	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	7.32Y	122.1	0.00	3.95	0.64	1	4	2	89	0.00	0.0	6.710	0.007	0	0	0	1
PD.1062	PL.13614	C	fuse6AMP	7.32Y	122.1	0.00	3.95	0.64	11	4	2	89	0.00	0.0	6.710	0.000	0	0	0	1
PL.13615	PD.1062	C	4ACSR	7.32Y	122.0	0.00	3.95	0.64	1	4	2	89	0.00	0.0	6.767	0.057	0	0	0	1
455243	PL.13615	C	Consumer	7.32Y	122.0	0.00	3.95	0.64	0	4	2	89	0.00	0.0	6.767	0.000	4	2	1	1
PL.13616	PL.13613	C	4ACSR	7.32Y	122.1	0.00	3.95	0.00	0	0	0	100	0.00	0.0	6.709	0.005	0	0	0	0
PL.13617	PL.13616	C	4ACSR	7.32Y	122.1	0.00	3.95	0.00	0	0	0	100	0.00	0.0	6.718	0.009	0	0	0	0
455241	PL.13617	C	Consumer	7.32Y	122.1	0.00	3.95	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	7.33Y 7.32Y	122.2 122.1	0.00 -0.00	3.81 3.95	2.07 0.00	2 0	14 0	5 0	94 100	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\SUMMER\PROPOSED SUMMER 06-10 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	7.33Y 122.2	122.2	0.00	3.81	2.07	2	14	5	94	0.00	0.0	6.753	0.020	0	0	0	4
				7.32Y 122.1	-0.00	3.95	0.00	0	0	100	0	0	0	0	0	0	0	0	0	0
PL.41771	PL.21238	B	4ACSR	7.33Y 122.2	122.2	0.00	3.81	0.90	1	6	2	95	0.00	0.0	6.757	0.004	0	0	0	1
PD.7515	PL.41771	B	fuse6AMP	7.33Y 122.2	122.2	0.00	3.81	0.90	15	6	2	95	0.00	0.0	6.757	0.000	0	0	0	1
PL.41772	PD.7515	B	4ACSR	7.33Y 122.2	122.2	0.00	3.81	0.90	1	6	2	95	0.00	0.0	6.808	0.052	0	0	0	1
455212	PL.41772	B	Consumer	7.33Y 122.2	122.2	0.00	3.81	0.90	0	6	2	95	0.00	0.0	6.808	0.000	6	2	1	1
PL.21237	PL.21238	B C	4ACSR	7.33Y 122.2	122.2	0.00	3.81	1.17	1	8	3	94	0.00	0.0	6.823	0.070	0	0	0	3
				7.32Y 122.1	-0.00	3.95	0.00	0	0	100	0	0	0	0	0	0	0	0	0	0
455213	PL.21237	B	Consumer	7.33Y 122.2	122.2	0.00	3.81	0.69	0	5	2	93	0.00	0.0	6.823	0.000	5	2	1	1
455226	PL.21237	B	Consumer	7.33Y 122.2	122.2	0.00	3.81	0.12	0	1	0	100	0.00	0.0	6.823	0.000	1	0	1	1
PL.13608	PL.21237	B C	4ACSR	7.33Y 122.2	122.2	0.00	3.82	0.36	0	2	1	89	0.00	0.0	6.965	0.142	0	0	0	1
				7.32Y 122.1	-0.00	3.95	0.00	0	0	100	0	0	0	0	0	0	0	0	0	0
PL.13609	PL.13608	B C	4ACSR	7.33Y 122.2	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	7.095	0.130	0	0	0	0
				7.32Y 122.1	0.00	3.95	0.00	0	0	100	0	0	0	0	0	0	0	0	0	0
PL.40888	PL.13609	B C	4ACSR	7.33Y 122.2	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	7.136	0.041	0	0	0	0
				7.32Y 122.1	0.00	3.95	0.00	0	0	100	0	0	0	0	0	0	0	0	0	0
PD.7276-A	PL.40888	B C	Open	7.33Y 122.2	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	7.136	0.000	0	0	0	0
				7.32Y 122.1	0.00	3.95	0.00	0	0	100	0	0	0	0	0	0	0	0	0	0
456233	PL.13609	B C	Consumer	7.33Y 122.2	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	7.095	0.000	0	0	0	0
				7.32Y 122.1	0.00	3.95	0.00	0	0	100	0	0	0	0	0	0	0	0	0	0
456241	PL.13609	C	Consumer	7.32Y 122.1	122.1	0.00	3.95	0.00	0	0	0	100	0.00	0.0	7.095	0.000	0	0	0	0
PL.41769	PL.13608	B	4ACSR	7.33Y 122.2	122.2	0.00	3.82	0.36	0	2	1	89	0.00	0.0	6.969	0.005	0	0	0	1
PD.7513	PL.41769	B	fuse6AMP	7.33Y 122.2	122.2	0.00	3.82	0.36	6	2	1	89	0.00	0.0	6.969	0.000	0	0	0	1
PL.41770	PD.7513	B	4ACSR	7.33Y 122.2	122.2	0.00	3.82	0.36	0	2	1	89	0.00	0.0	7.036	0.067	0	0	0	1
PL.22334	PL.41770	B	4ACSR	7.33Y 122.2	122.2	0.00	3.82	0.36	0	2	1	89	0.00	0.0	7.211	0.175	0	0	0	1
456222	PL.22334	B	Consumer	7.33Y 122.2	122.2	0.00	3.82	0.36	0	2	1	89	0.00	0.0	7.211	0.000	2	1	1	1
456214	PL.41770	B	Consumer	7.33Y 122.2	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	7.036	0.000	0	0	0	0
456218	PL.41770	B	Consumer	7.33Y 122.2	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	7.036	0.000	0	0	0	0
PL.41775	PL.13611	C	4ACSR	7.32Y 122.1	122.1	0.00	3.95	0.96	1	7	3	92	0.00	0.0	6.499	0.005	0	0	0	1
PD.7517	PL.41775	C	fuse6AMP	7.32Y 122.1	122.1	0.00	3.95	0.96	16	7	3	92	0.00	0.0	6.499	0.000	0	0	0	1
PL.41776	PD.7517	C	4ACSR	7.32Y 122.0	122.0	0.00	3.95	0.96	1	7	3	92	0.00	0.0	6.565	0.067	0	0	0	1
455210	PL.41776	C	Consumer	7.32Y 122.0	122.0	0.00	3.95	0.96	0	7	3	92	0.00	0.0	6.565	0.000	7	3	1	1
455222	PL.40433	B	Consumer	7.33Y 122.2	122.2	0.00	3.77	0.37	0	3	1	95	0.00	0.0	6.383	0.000	3	1	1	1
455219	PL.40433	B	Consumer	7.33Y 122.2	122.2	0.00	3.77	0.79	0	5	2	93	0.00	0.0	6.383	0.000	5	2	1	1
455203	PL.13032	B	Consumer	7.34Y 122.3	122.3	0.00	3.69	0.24	0	2	1	89	0.00	0.0	6.130	0.000	2	1	1	1
445908	PL.13032	B	Consumer	7.34Y 122.3	122.3	0.00	3.69	0.00	0	0	0	100	0.00	0.0	6.130	0.000	0	0	0	0
445931	PL.13032	B C	Consumer	7.34Y 122.3	122.3	0.00	3.69	0.00	0	0	0	100	0.00	0.0	6.130	0.000	0	0	0	0
				7.33Y 122.2	0.00	3.78	0.00	0	0	100	0	0	0	0	0	0	0	0	0	0
PL.45487	PL.13030	B	4ACSR	7.34Y 122.3	122.3	0.00	3.67	0.64	1	4	2	89	0.00	0.0	6.085	0.016	0	0	0	2
PD.1453	PL.45487	B	fuse6AMP	7.34Y 122.3	122.3	0.00	3.67	0.64	11	4	2	89	0.00	0.0	6.085	0.000	0	0	0	2
PL.45488	PD.1453	B	4ACSR	7.34Y 122.3	122.3	0.00	3.67	0.64	1	4	2	89	0.00	0.0	6.201	0.116	0	0	0	2
445925	PL.45488	B	Consumer	7.34Y 122.3	122.3	0.00	3.67	0.00	0	0	0	100	0.00	0.0	6.201	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.34Y	122.3	0.00	3.67	0.64	0	4	2	89	0.00	0.0	6.201	0.000	4	2	1	1
445907	PL.13569	B	Consumer	7.35Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	6.000	0.000	0	0	0	0
445912	PL.13569	B	Consumer	7.35Y	122.4	0.00	3.58	0.06	0	0	0	100	0.00	0.0	6.000	0.000	0	0	1	1
445928	PL.13569	B	Consumer	7.35Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	6.000	0.000	0	0	0	0
PL.24033	PL.13568	B	4ACSR	7.35Y	122.4	0.00	3.56	0.00	0	0	0	100	0.00	0.0	6.081	0.100	0	0	0	1
445911	PL.24033	B	Consumer	7.35Y	122.4	0.00	3.56	0.00	0	0	0	100	0.00	0.0	6.081	0.000	0	0	1	1
445917	PL.8598	C	Consumer	7.34Y	122.4	0.00	3.63	0.13	0	1	0	100	0.00	0.0	5.921	0.000	1	0	1	1
PD.8118-A	PL.13161	C	Closed	7.35Y	122.6	0.00	3.44	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	7.35Y	122.6	0.00	3.44	0.00	0	0	0	100	0.00	0.0	5.643	0.000	0	0	0	0
444947	PD.8118-B	C	Consumer	7.35Y	122.6	0.00	3.44	0.00	0	0	0	100	0.00	0.0	5.643	0.000	0	0	0	0
445916	PL.13161	C	Consumer	7.35Y	122.6	0.00	3.44	0.25	0	2	1	89	0.00	0.0	5.643	0.000	2	1	1	1
PL.42681	PL.41700	C	4ACSR	7.40Y	123.4	0.00	2.59	1.07	1	7	3	92	0.00	0.0	5.240	0.004	0	0	0	1
PD.8121	PL.42681	C	fuse6AMP	7.40Y	123.4	0.00	2.59	1.07	18	7	3	92	0.00	0.0	5.240	0.000	0	0	0	1
PL.42682	PD.8121	C	4ACSR	7.40Y	123.4	0.01	2.60	1.07	1	7	3	92	0.00	0.0	5.356	0.116	0	0	0	1
444909	PL.42682	C	Consumer	7.40Y	123.4	0.00	2.60	1.07	0	7	3	92	0.00	0.0	5.356	0.000	7	3	1	1
444963	PL.41700	C	Consumer	7.40Y	123.4	0.00	2.59	0.04	0	0	0	100	0.00	0.0	5.236	0.000	0	0	1	1
444921	PL.41700	C	Consumer	7.40Y	123.4	0.00	2.59	0.30	0	2	1	89	0.00	0.0	5.236	0.000	2	1	1	1
PL.42683	PL.41700	B	4ACSR	7.41Y	123.6	0.00	2.42	3.81	3	26	10	93	0.00	0.0	5.240	0.004	0	0	0	5
PD.8122	PL.42683	B	fuse6AMP	7.41Y	123.6	0.00	2.42	3.81	65	26	10	93	0.00	0.0	5.240	0.000	0	0	0	5
PL.42686	PD.8122	B	4ACSR	7.41Y	123.6	0.00	2.42	3.81	3	26	10	93	0.00	0.0	5.241	0.001	0	0	0	5
PL.42685	PL.42686	B	4ACSR	7.41Y	123.6	0.01	2.42	1.70	1	12	5	92	0.00	0.0	5.307	0.065	0	0	0	3
444932	PL.42685	B	Consumer	7.41Y	123.6	0.00	2.42	0.00	0	0	0	100	0.00	0.0	5.307	0.000	0	0	1	1
444914	PL.42685	B	Consumer	7.41Y	123.6	0.00	2.42	0.89	0	6	2	95	0.00	0.0	5.307	0.000	6	2	1	1
444928	PL.42685	B	Consumer	7.41Y	123.6	0.00	2.42	0.81	0	6	2	95	0.00	0.0	5.307	0.000	6	2	1	1
PL.42687	PL.42686	B	4ACSR	7.41Y	123.6	0.01	2.43	2.11	2	15	6	93	0.00	0.0	5.387	0.145	0	0	0	2
PL.2717	PL.42687	B	4ACSR	7.41Y	123.6	0.02	2.45	1.28	1	9	3	95	0.00	0.0	5.679	0.293	0	0	0	1
444961	PL.2717	B	Consumer	7.41Y	123.6	0.00	2.45	1.28	0	9	3	95	0.00	0.0	5.679	0.000	9	3	1	1
444906	PL.42687	B	Consumer	7.41Y	123.6	0.00	2.43	0.83	0	6	2	95	0.00	0.0	5.387	0.000	6	2	1	1
PL.42692	PL.6873	B	4ACSR	7.47Y	124.5	0.00	1.50	1.13	1	8	3	94	0.00	0.0	4.796	0.005	0	0	0	4
PD.8124	PL.42692	B	fuse6AMP	7.47Y	124.5	0.00	1.50	1.13	19	8	3	94	0.00	0.0	4.796	0.000	0	0	0	4
PL.42693	PD.8124	B	4ACSR	7.47Y	124.5	0.00	1.50	1.13	1	8	3	94	0.00	0.0	4.889	0.093	0	0	0	4
PL.6871	PL.42693	B	4ACSR	7.47Y	124.5	0.00	1.51	1.13	1	8	3	94	0.00	0.0	4.951	0.061	0	0	0	4
PL.6872	PL.6871	B	4ACSR	7.47Y	124.5	0.00	1.51	0.91	1	6	2	95	0.00	0.0	5.007	0.056	0	0	0	2
PL.13432	PL.6872	B	4ACSR	7.47Y	124.5	0.00	1.51	0.91	1	6	2	95	0.00	0.0	5.076	0.070	0	0	0	2
PL.2574	PL.13432	B	4ACSR	7.47Y	124.5	0.01	1.52	0.91	1	6	2	95	0.00	0.0	5.198	0.121	0	0	0	2
PL.2573	PL.2574	B	4ACSR	7.47Y	124.5	0.00	1.52	0.91	1	6	2	95	0.00	0.0	5.285	0.088	0	0	0	2
444929	PL.2573	B	Consumer	7.47Y	124.5	0.00	1.52	0.90	0	6	2	95	0.00	0.0	5.285	0.000	6	2	1	1
444941	PL.2573	B	Consumer	7.47Y	124.5	0.00	1.52	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\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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	7.48Y	124.6	0.00	1.35	11.79	0	82	32	93	0.00	0.0	1.306	0.000	0	0	0	28
PL.42344	PD.7702-B	B	4ACSR	7.48Y	124.6	0.01	1.36	11.79	10	82	32	93	0.01	0.0	1.326	0.021	0	0	0	28
PL.25928	PL.42344	B	4ACSR	7.48Y	124.6	0.01	1.37	11.79	10	82	32	93	0.01	0.0	1.343	0.016	0	0	0	28
PL.42325	PL.25928	B	4ACSR	7.48Y	124.6	0.00	1.37	11.79	10	82	32	93	0.00	0.0	1.348	0.006	0	0	0	28
PD.7690	PL.42325	B	35L	7.48Y	124.6	0.00	1.37	11.79	34	82	32	93	0.00	0.0	1.348	0.000	0	0	0	28
PL.42326	PD.7690	B	4ACSR	7.47Y	124.6	0.06	1.43	11.79	10	82	32	93	0.04	0.0	1.459	0.110	0	0	0	28
PL.42329	PL.42326	B	4ACSR	7.47Y	124.6	0.00	1.43	0.95	1	7	3	92	0.00	0.0	1.463	0.005	0	0	0	1
PD.7693	PL.42329	B	fuse6AMP	7.47Y	124.6	0.00	1.43	0.95	16	7	3	92	0.00	0.0	1.463	0.000	0	0	0	1
PL.42330	PD.7693	B	4ACSR	7.47Y	124.6	0.00	1.44	0.95	1	7	3	92	0.00	0.0	1.526	0.062	0	0	0	1
445729	PL.42330	B	Consumer	7.47Y	124.6	0.00	1.44	0.95	0	7	3	92	0.00	0.0	1.526	0.000	7	3	1	1
PL.24290	PL.42326	B	4ACSR	7.47Y	124.5	0.02	1.46	10.23	9	71	27	93	0.01	0.0	1.507	0.048	0	0	0	25
445732	PL.24290	B	Consumer	7.47Y	124.5	0.00	1.46	0.02	0	0	0	100	0.00	0.0	1.507	0.000	0	0	1	1
PL.42333	PL.24290	B	4ACSR	7.47Y	124.5	0.00	1.46	1.02	1	7	3	92	0.00	0.0	1.513	0.006	0	0	0	2
PD.7695	PL.42333	B	fuse6AMP	7.47Y	124.5	0.00	1.46	1.02	17	7	3	92	0.00	0.0	1.513	0.000	0	0	0	2
PL.42334	PD.7695	B	4ACSR	7.47Y	124.5	0.00	1.46	1.02	1	7	3	92	0.00	0.0	1.589	0.076	0	0	0	2
PL.34959	PL.42334	B	4ACSR	7.47Y	124.5	0.00	1.46	0.23	0	2	0	100	0.00	0.0	1.789	0.200	0	0	0	1
PD.5177	PL.34959	B	fuse6AMP	7.47Y	124.5	0.00	1.46	0.23	4	2	0	100	0.00	0.0	1.789	0.000	0	0	0	1
PL.34960	PD.5177	B	1/0EPRJCN	7.47Y	124.5	0.00	1.46	0.23	0	2	0	100	0.00	0.0	1.830	0.041	0	0	0	1
4447029	PL.34960	B	Consumer	7.47Y	124.5	0.00	1.46	0.24	0	2	1	89	0.00	0.0	1.830	0.000	2	1	1	1
445709	PL.42334	B	Consumer	7.47Y	124.5	0.00	1.46	0.79	0	5	2	93	0.00	0.0	1.589	0.000	5	2	1	1
PL.42331	PL.24290	B	4ACSR	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.513	0.006	0	0	0	0
PD.7694	PL.42331	B	fuse6AMP	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.513	0.000	0	0	0	0
PL.42332	PD.7694	B	4ACSR	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.563	0.050	0	0	0	0
445727	PL.42332	B	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.563	0.000	0	0	0	0
PL.24291	PL.24290	B	4ACSR	7.47Y	124.5	0.03	1.49	9.19	8	64	25	93	0.02	0.0	1.584	0.077	0	0	0	22
445718	PL.24291	B	Consumer	7.47Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	1.584	0.000	0	0	0	0
445728	PL.24291	B	Consumer	7.47Y	124.5	0.00	1.49	0.68	0	5	2	93	0.00	0.0	1.584	0.000	5	2	1	1
445717	PL.24291	B	Consumer	7.47Y	124.5	0.00	1.49	0.62	0	4	2	89	0.00	0.0	1.584	0.000	4	2	1	1
445720	PL.24291	B	Consumer	7.47Y	124.5	0.00	1.49	0.27	0	2	1	89	0.00	0.0	1.584	0.000	2	1	1	1
PL.24287	PL.24291	B	4ACSR	7.47Y	124.5	0.04	1.53	7.62	6	53	21	93	0.02	0.0	1.697	0.113	0	0	0	19
PL.42337	PL.24287	B	4ACSR	7.47Y	124.5	0.00	1.53	0.34	0	2	1	89	0.00	0.0	1.702	0.006	0	0	0	2
PD.7697	PL.42337	B	fuse6AMP	7.47Y	124.5	0.00	1.53	0.34	6	2	1	89	0.00	0.0	1.702	0.000	0	0	0	2
PL.42338	PD.7697	B	4ACSR	7.47Y	124.5	0.00	1.53	0.34	0	2	1	89	0.00	0.0	1.757	0.055	0	0	0	2
PL.21688	PL.42338	B	4ACSR	7.47Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	1.798	0.040	0	0	0	1
PL.21689	PL.21688	B	4ACSR	7.47Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	1.846	0.048	0	0	0	1
445726	PL.21689	B	Consumer	7.47Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	1.846	0.000	0	0	1	1
4457035	PL.21689	B	Consumer	7.47Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	1.846	0.000	0	0	0	0
PL.20839	PL.42338	B	4ACSR	7.47Y	124.5	0.00	1.53	0.34	0	2	1	89	0.00	0.0	1.838	0.081	0	0	0	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	Thru KW						KVAR	Length (mi)		
445724	PL.20839	B	Consumer	7.47Y	124.5	0.00	1.53	0.34	0	2	1	89	0.00	0.0	1.838	0.000	2	1	1	1
PL.19329	PL.24287	B	4ACSR	7.47Y	124.5	0.01	1.53	4.81	4	34	13	93	0.00	0.0	1.721	0.024	0	0	0	12
445702	PL.19329	B	Consumer	7.47Y	124.5	0.00	1.53	0.01	0	0	0	100	0.00	0.0	1.721	0.000	0	0	1	1
445714	PL.19329	B	Consumer	7.47Y	124.5	0.00	1.53	0.27	0	2	1	89	0.00	0.0	1.721	0.000	2	1	1	1
445721	PL.19329	B	Consumer	7.47Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	1.721	0.000	0	0	0	0
445711	PL.19329	B	Consumer	7.47Y	124.5	0.00	1.53	0.70	0	5	2	93	0.00	0.0	1.721	0.000	5	2	1	1
PL.42339	PL.19329	B	4ACSR	7.47Y	124.4	0.02	1.55	3.84	3	27	10	94	0.00	0.0	1.818	0.097	0	0	0	9
PD.7700-A	PL.42339	B	Closed	7.47Y	124.4	0.00	1.55	3.84	0	27	10	94	0.00	0.0	1.818	0.000	0	0	0	9
PD.7700-B	PD.7700-A	B	Closed	7.47Y	124.4	0.00	1.55	3.84	0	27	10	94	0.00	0.0	1.818	0.000	0	0	0	9
PL.42340	PD.7700-B	B	4ACSR	7.47Y	124.4	0.00	1.55	3.84	3	27	10	94	0.00	0.0	1.828	0.010	0	0	0	9
445725	PL.42340	B	Consumer	7.47Y	124.4	0.00	1.55	0.05	0	0	0	100	0.00	0.0	1.828	0.000	0	0	1	1
PL.25929	PL.42340	B	4ACSR	7.47Y	124.4	0.02	1.57	3.78	3	26	10	93	0.00	0.0	1.958	0.130	0	0	0	8
PL.25948	PL.25929	B	4ACSR	7.46Y	124.4	0.02	1.59	3.78	3	26	10	93	0.00	0.0	2.048	0.090	0	0	0	8
PL.25949	PL.25948	B	4ACSR	7.46Y	124.4	0.01	1.60	1.79	2	12	5	92	0.00	0.0	2.229	0.180	0	0	0	4
PL.24032	PL.25949	B	4ACSR	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	2.272	0.043	0	0	0	0
PL.24031	PL.24032	B	4ACSR	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	2.340	0.068	0	0	0	0
PL.24030	PL.24031	B	4ACSR	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	2.378	0.039	0	0	0	0
PL.25950	PL.25949	B	4ACSR	7.46Y	124.4	0.00	1.61	1.79	2	12	5	92	0.00	0.0	2.241	0.013	0	0	0	4
PD.1452	PL.25950	B	fuse6AMP	7.46Y	124.4	0.00	1.61	1.79	31	12	5	92	0.00	0.0	2.241	0.000	0	0	0	4
445810	PD.1452	B	Consumer	7.46Y	124.4	0.00	1.61	0.81	0	6	2	95	0.00	0.0	2.241	0.000	6	2	1	1
PL.25951	PD.1452	B	4ACSR	7.46Y	124.4	0.01	1.62	0.98	1	7	3	92	0.00	0.0	2.486	0.245	0	0	0	3
445818	PL.25951	B	Consumer	7.46Y	124.4	0.00	1.62	0.04	0	0	0	100	0.00	0.0	2.486	0.000	0	0	1	1
445814	PL.25951	B	Consumer	7.46Y	124.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	2.486	0.000	0	0	0	0
445804	PL.25951	B	Consumer	7.46Y	124.4	0.00	1.62	0.42	0	3	1	95	0.00	0.0	2.486	0.000	3	1	1	1
PL.6433	PL.25951	B	4ACSR	7.46Y	124.4	0.00	1.62	0.53	0	4	1	97	0.00	0.0	2.554	0.069	0	0	0	1
445805	PL.6433	B	Consumer	7.46Y	124.4	0.00	1.62	0.53	0	4	1	97	0.00	0.0	2.554	0.000	4	1	1	1
445802	PL.25948	B	Consumer	7.46Y	124.4	0.00	1.59	0.00	0	0	0	100	0.00	0.0	2.048	0.000	0	0	0	0
445803	PL.25948	B	Consumer	7.46Y	124.4	0.00	1.59	0.01	0	0	0	100	0.00	0.0	2.048	0.000	0	0	1	1
PL.24035	PL.25948	B	4ACSR	7.46Y	124.4	0.00	1.59	0.60	1	4	2	89	0.00	0.0	2.165	0.116	0	0	0	1
PL.24019	PL.24035	B	4ACSR	7.46Y	124.4	0.00	1.59	0.60	1	4	2	89	0.00	0.0	2.187	0.022	0	0	0	1
445731	PL.24019	B	Consumer	7.46Y	124.4	0.00	1.59	0.60	0	4	2	89	0.00	0.0	2.187	0.000	4	2	1	1
PL.45709	PL.24019	B	2ACSR	7.46Y	124.4	0.00	1.59	0.00	0	0	0	100	0.00	0.0	2.369	0.183	0	0	0	0
4447033	PL.45709	B	Consumer	7.46Y	124.4	0.00	1.59	0.00	0	0	0	100	0.00	0.0	2.369	0.000	0	0	0	0
PL.24029	PL.25948	B	4ACSR	7.46Y	124.4	0.00	1.59	1.38	1	10	4	93	0.00	0.0	2.100	0.052	0	0	0	2
PL.24024	PL.24029	B	4ACSR	7.46Y	124.4	0.00	1.60	1.38	1	10	4	93	0.00	0.0	2.157	0.057	0	0	0	2
PL.44195	PL.24024	B	2ACSR	7.46Y	124.4	0.00	1.60	0.63	0	4	2	89	0.00	0.0	2.240	0.083	0	0	0	1
4458026	PL.44195	B	Consumer	7.46Y	124.4	0.00	1.60	0.63	0	4	2	89	0.00	0.0	2.240	0.000	4	2	1	1
PL.39672	PL.24024	B	2ACSR	7.46Y	124.4	0.00	1.60	0.75	0	5	2	93	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\SUMMER\PROPOSED SUMMER 06-10 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
4458021	PL.39672	B	Consumer	7.46Y	124.4	0.00	1.60	0.75	0	5	2	93	0.00	0.0	2.270	0.000	5	2	1	1
PL.42335	PL.24287	B	4ACSR	7.47Y	124.5	0.00	1.53	1.80	2	13	5	93	0.00	0.0	1.701	0.005	0	0	0	4
PD.7696	PL.42335	B	fuse6AMP	7.47Y	124.5	0.00	1.53	1.80	31	13	5	93	0.00	0.0	1.701	0.000	0	0	0	4
PL.42336	PD.7696	B	4ACSR	7.47Y	124.5	0.01	1.54	1.80	2	13	5	93	0.00	0.0	1.839	0.137	0	0	0	4
PL.23949	PL.42336	B	4ACSR	7.47Y	124.5	0.01	1.55	1.80	2	13	5	93	0.00	0.0	1.921	0.082	0	0	0	4
PL.23948	PL.23949	B	4ACSR	7.47Y	124.4	0.01	1.55	1.80	2	13	5	93	0.00	0.0	2.015	0.094	0	0	0	4
PL.23951	PL.23948	B	4ACSR	7.47Y	124.4	0.01	1.56	1.27	1	9	3	95	0.00	0.0	2.110	0.095	0	0	0	3
445716	PL.23951	B	Consumer	7.47Y	124.4	0.00	1.56	0.18	0	1	0	100	0.00	0.0	2.110	0.000	1	0	1	1
PL.14438	PL.23951	B	4ACSR	7.47Y	124.4	0.01	1.57	1.10	1	8	3	94	0.00	0.0	2.365	0.255	0	0	0	2
PL.23952	PL.14438	B	4ACSR	7.47Y	124.4	0.00	1.57	0.62	1	4	2	89	0.00	0.0	2.439	0.074	0	0	0	1
PL.24017	PL.23952	B	4ACSR	7.47Y	124.4	0.00	1.58	0.62	1	4	2	89	0.00	0.0	2.550	0.112	0	0	0	1
446701	PL.24017	B	Consumer	7.47Y	124.4	0.00	1.58	0.62	0	4	2	89	0.00	0.0	2.550	0.000	4	2	1	1
445715	PL.14438	B	Consumer	7.47Y	124.4	0.00	1.57	0.48	0	3	1	95	0.00	0.0	2.365	0.000	3	1	1	1
445733	PL.23948	B	Consumer	7.47Y	124.4	0.00	1.55	0.53	0	4	1	97	0.00	0.0	2.015	0.000	4	1	1	1
445723	PL.24287	B	Consumer	7.47Y	124.5	0.00	1.53	0.66	0	5	2	93	0.00	0.0	1.697	0.000	5	2	1	1
445719	PL.42326	B	Consumer	7.47Y	124.6	0.00	1.43	0.31	0	2	1	89	0.00	0.0	1.459	0.000	2	1	1	1
445734	PL.42326	B	Consumer	7.47Y	124.6	0.00	1.43	0.30	0	2	1	89	0.00	0.0	1.459	0.000	2	1	1	1
PL.2291	PL.25924	C	4ACSR	7.53Y	125.5	0.00	0.53	0.06	0	0	0	100	0.00	0.0	1.056	0.056	0	0	0	1
444704	PL.2291	C	Consumer	7.53Y	125.5	0.00	0.53	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	0.26	0.00	0	0	0	100	0.00	0.0	0.734	0.010	0	0	0	0
		B		7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
		C		7.54Y	125.7	0.00	0.35	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
PL.24016	PL.25921	B	4ACSR	7.52Y	125.3	0.00	0.71	2.88	2	20	8	93	0.00	0.0	0.703	0.002	0	0	0	4
PL.2288	PL.24016	B	4ACSR	7.52Y	125.3	0.02	0.72	2.88	2	20	8	93	0.00	0.0	0.835	0.132	0	0	0	4
PL.6864	PL.2288	B	4ACSR	7.52Y	125.3	0.01	0.73	2.24	2	16	6	94	0.00	0.0	0.890	0.055	0	0	0	3
PL.6865	PL.6864	B	4ACSR	7.52Y	125.3	0.01	0.74	2.24	2	16	6	94	0.00	0.0	0.991	0.100	0	0	0	2
444637	PL.6865	B	Consumer	7.52Y	125.3	0.00	0.74	0.60	0	4	2	89	0.00	0.0	0.991	0.000	4	2	1	1
PL.2297	PL.6865	B	4ACSR	7.52Y	125.3	0.00	0.74	1.64	1	12	4	95	0.00	0.0	1.031	0.041	0	0	0	1
444644	PL.2297	B	Consumer	7.52Y	125.3	0.00	0.74	1.64	0	12	4	95	0.00	0.0	1.031	0.000	12	4	1	1
444646	PL.6864	B	Consumer	7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	0.890	0.000	0	0	1	1
444715	PL.2288	B	Consumer	7.52Y	125.3	0.00	0.72	0.64	0	4	2	89	0.00	0.0	0.835	0.000	4	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	3047	0	0	0	0	0	64	0.00	3112	
KVAR	1192	0	-811	-1	0	0	64		443	

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 122.42 volts on PL.2722	3.58 volts on PL.2722	0.53 volts on PL.11112
B-Phase -> 121.75 volts on PL.2619	4.25 volts on PL.2619	0.61 volts on PL.28136
C-Phase -> 120.49 volts on PL.42748	5.51 volts on PL.42748	0.66 volts on PL.28136

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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	
PL.14082	PL.43532	B	4ACSR	7.54Y	125.7	0.00	0.26	1.04	1	6	5	77	0.00	0.0	0.334	0.024	0	0	0	4
PL.19224	PL.14082	B	4ACSR	7.54Y	125.7	0.00	0.27	0.56	0	3	3	71	0.00	0.0	0.381	0.047	0	0	0	3
083516	PL.19224	B	Consumer	7.54Y	125.7	0.00	0.27	0.49	0	3	2	83	0.00	0.0	0.381	0.000	3	2	1	1
083521	PL.19224	B	Consumer	7.54Y	125.7	0.00	0.27	0.00	0	0	0	100	0.00	0.0	0.381	0.000	0	0	0	0
083534	PL.19224	B	Consumer	7.54Y	125.7	0.00	0.27	0.00	0	0	0	100	0.00	0.0	0.381	0.000	0	0	1	1
PL.19225	PL.19224	B	4ACSR	7.54Y	125.7	0.00	0.27	0.06	0	0	0	100	0.00	0.0	0.409	0.027	0	0	0	1
083526	PL.19225	B	Consumer	7.54Y	125.7	0.00	0.27	0.06	0	0	0	100	0.00	0.0	0.409	0.000	0	0	1	1
PL.5211	PL.14082	B	4ACSR	7.54Y	125.7	0.00	0.26	0.48	0	3	2	83	0.00	0.0	0.374	0.040	0	0	0	1
083502	PL.5211	B	Consumer	7.54Y	125.7	0.00	0.26	0.48	0	3	2	83	0.00	0.0	0.374	0.000	3	2	1	1
PL.3491	PL.43532	B	4ACSR	7.54Y	125.7	0.00	0.26	0.23	0	1	1	71	0.00	0.0	0.357	0.046	0	0	0	1
PL.3492	PL.3491	B	4ACSR	7.54Y	125.7	0.00	0.26	0.23	0	1	1	71	0.00	0.0	0.396	0.039	0	0	0	1
520001	PL.3492	B	Consumer	7.54Y	125.7	0.00	0.26	0.23	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 7.54Y	126.1 125.6 125.7	-0.02 0.11 0.10	-0.08 0.37 0.34	17.62 62.24 79.13	4 13 16	107 364 463	80 297 377	80 78 78	0.34 0.00 0.00	0.0	0.402	0.121	0 0 0	0 0 0	0 0 0	32 174 165
PL.7221	PL.14081	A B C	397ACSR	7.57Y 7.53Y 7.54Y	126.1 125.6 125.6	-0.02 0.07 0.07	-0.10 0.44 0.40	17.13 61.50 79.13	3 13 16	104 360 463	78 293 376	80 78 78	0.22 0.00 0.00	0.0	0.481	0.080	0 0 0	0 0 0	0 0 0	30 171 165
PL.19445	PL.7221	A B C	397ACSR	7.57Y 7.53Y 7.53Y	126.1 125.5 125.5	-0.02 0.08 0.07	-0.12 0.51 0.48	17.13 61.50 78.49	3 13 16	104 359 459	78 292 373	80 78 78	0.24 0.00 0.00	0.0	0.569	0.087	0 0 0	0 0 0	0 0 0	30 171 164
PL.19446	PL.19445	A B C	397ACSR	7.57Y 7.53Y 7.53Y	126.1 125.4 125.5	-0.01 0.05 0.05	-0.13 0.56 0.52	17.13 60.41 78.49	3 12 16	104 353 459	78 287 372	80 78 78	0.15 0.00 0.00	0.0	0.625	0.056	0 0 0	0 0 0	0 0 0	30 168 164
527001	PL.19446	B	Consumer	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	0.625	0.000	0	0	0	0
PL.7222	PL.19446	A B C	397ACSR	7.57Y 7.52Y 7.52Y	126.2 125.3 125.4	-0.03 0.12 0.11	-0.16 0.68 0.64	17.13 60.41 78.49	3 12 16	104 353 459	78 287 372	80 78 78	0.36 0.00 0.00	0.0	0.759	0.135	0 0 0	0 0 0	0 0 0	30 168 164
PL.19154	PL.7222	A B C	397ACSR	7.57Y 7.52Y 7.52Y	126.2 125.3 125.3	-0.01 0.03 0.03	-0.16 0.71 0.67	17.13 59.14 78.49	3 12 16	104 345 459	78 280 371	80 78 78	0.09 0.00 0.00	0.0	0.794	0.035	0 0 0	0 0 0	0 0 0	30 165 164
525002	PL.19154	B	Consumer	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	0.794	0.000	0	0	1	1
5250003	PL.19154	B	Consumer	7.52Y	125.3	0.00	0.71	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	7.57Y 7.51Y 7.52Y	126.2 125.2 125.3	-0.02 0.07 0.08	-0.18 0.78 0.74	17.13 59.14 78.49	3 12 16	104 345 459	78 280 371	80 78 78	0.24 0.00 0.00	0.0	0.882	0.088	0 0 0	0 0 0	0 0 0	30 164 164
PL.6954	PL.19155	A B C	397ACSR	7.57Y 7.51Y 7.51Y	126.2 125.1 125.2	-0.02 0.08 0.08	-0.20 0.86 0.82	16.59 57.91 78.49	3 12 16	101 338 459	75 274 370	80 78 78	0.24 0.00 0.00	0.0	0.974	0.092	0 0 0	0 0 0	0 0 0	29 162 164
PL.7223	PL.6954	A B C	397ACSR	7.57Y 7.51Y 7.51Y	126.2 125.1 125.1	-0.01 0.04 0.04	-0.21 0.90 0.86	16.59 57.60 77.72	3 12 16	101 336 455	75 273 366	80 78 78	0.13 0.00 0.00	0.0	1.023	0.049	0 0 0	0 0 0	0 0 0	29 160 163
PL.6964	PL.7223	A B C	397ACSR	7.57Y 7.50Y 7.50Y	126.2 125.1 125.1	-0.01 0.05 0.05	-0.23 0.95 0.92	16.59 57.56 76.46	3 12 16	101 336 447	75 272 360	80 78 78	0.16 0.00 0.00	0.0	1.087	0.064	0 0 0	0 0 0	0 0 0	29 159 158
PL.6965	PL.6964	A B C	397ACSR	7.57Y 7.50Y 7.50Y	126.2 125.0 125.0	-0.01 0.03 0.03	-0.23 0.98 0.95	16.59 56.76 74.69	3 12 15	101 331 435	75 268 354	80 78 78	0.10 0.00 0.00	0.0	1.128	0.041	0 0 0	0 0 0	0 0 0	29 157 156

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.26780	PL.6965	A	397ACSR	7.57Y	126.2	-0.00	-0.23	8.00	2	46	39	76	0.01	0.0	1.139	0.011	0	0	0	19
		B		7.50Y	125.0	0.01	0.99	43.35	9	249	209	77					0	0	0	130
		C		7.50Y	125.0	0.00	0.95	35.94	7	206	174	76					0	0	0	91
PL.26781	PL.26780	A	397ACSR	7.57Y	126.2	-0.01	-0.24	8.00	2	46	39	76	0.11	0.0	1.265	0.126	0	0	0	19
		B		7.50Y	124.9	0.08	1.07	43.35	9	249	209	77					0	0	0	130
		C		7.50Y	125.0	0.04	0.99	35.94	7	206	174	76					0	0	0	91
PD.183-A	PL.26781	A	Closed	7.57Y	126.2	0.00	-0.24	8.00	0	46	39	76	0.00	0.0	1.265	0.000	0	0	0	19
		B		7.50Y	124.9	0.00	1.07	43.35	0	249	208	77					0	0	0	130
		C		7.50Y	125.0	0.00	0.99	35.94	0	206	174	76					0	0	0	91
PD.183-B	PD.183-A	A	Closed	7.57Y	126.2	0.00	-0.24	8.00	0	46	39	76	0.00	0.0	1.265	0.000	0	0	0	19
		B		7.50Y	124.9	0.00	1.07	43.35	0	249	208	77					0	0	0	130
		C		7.50Y	125.0	0.00	0.99	35.94	0	206	174	76					0	0	0	91
PL.26782	PD.183-B	A	397ACSR	7.57Y	126.2	-0.00	-0.25	8.00	2	46	39	76	0.03	0.0	1.297	0.032	0	0	0	19
		B		7.49Y	124.9	0.02	1.09	43.35	9	249	208	77					0	0	0	130
		C		7.50Y	125.0	0.01	1.00	35.94	7	206	174	76					0	0	0	91
PL.402	PL.26782	A	397ACSR	7.58Y	126.3	-0.02	-0.27	8.00	2	46	39	76	0.25	0.1	1.585	0.288	0	0	0	19
		B		7.48Y	124.7	0.18	1.27	43.35	9	249	208	77					0	0	0	130
		C		7.49Y	124.9	0.08	1.08	35.94	7	206	174	76					0	0	0	91
PL.19141	PL.402	A	336ACSR	7.58Y	126.3	-0.02	-0.29	8.00	2	46	39	76	0.10	0.0	1.765	0.180	0	0	0	19
		B		7.48Y	124.7	0.05	1.32	19.81	4	114	95	77					0	0	0	63
		C		7.49Y	124.8	0.08	1.17	35.94	8	206	173	77					0	0	0	91
PL.19142	PL.19141	A	336ACSR	7.58Y	126.3	-0.00	-0.29	8.00	2	46	39	76	0.02	0.0	1.809	0.044	0	0	0	19
		B		7.48Y	124.7	0.01	1.34	19.21	4	110	92	77					0	0	0	62
		C		7.49Y	124.8	0.02	1.19	35.94	8	206	173	77					0	0	0	91
PL.7638	PL.19142	A	336ACSR	7.58Y	126.3	-0.01	-0.30	8.00	2	46	39	76	0.08	0.0	1.951	0.141	0	0	0	19
		B		7.48Y	124.6	0.04	1.37	19.13	4	110	92	77					0	0	0	60
		C		7.48Y	124.7	0.07	1.25	35.94	8	206	173	77					0	0	0	91
082417	PL.7638	A	Consumer	7.58Y	126.3	0.00	-0.30	0.41	0	2	2	71	0.00	0.0	1.951	0.000	2	2	1	1
PL.14570	PL.7638	A	336ACSR	7.58Y	126.3	-0.01	-0.31	7.60	2	44	37	77	0.05	0.0	2.035	0.085	0	0	0	18
		B		7.48Y	124.6	0.02	1.40	19.13	4	110	92	77					0	0	0	60
		C		7.48Y	124.7	0.04	1.29	35.94	8	206	173	77					0	0	0	91
PL.39251	PL.14570	C	4ACSR	7.48Y	124.7	0.00	1.30	0.77	1	4	4	71	0.00	0.0	2.050	0.015	0	0	0	2
PD.6890	PL.39251	C	fuse6AMP	7.48Y	124.7	0.00	1.30	0.77	13	4	4	71	0.00	0.0	2.050	0.000	0	0	0	2
PL.39252	PD.6890	C	4ACSR	7.48Y	124.7	0.00	1.30	0.77	1	4	4	71	0.00	0.0	2.082	0.032	0	0	0	2
PL.5196	PL.39252	C	4ACSR	7.48Y	124.7	0.00	1.30	0.29	0	2	1	89	0.00	0.0	2.176	0.094	0	0	0	1
082409	PL.5196	C	Consumer	7.48Y	124.7	0.00	1.30	0.29	0	2	1	89	0.00	0.0	2.176	0.000	2	1	1	1
082408	PL.39252	C	Consumer	7.48Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	2.082	0.000	0	0	0	0
0824020	PL.39252	C	Consumer	7.48Y	124.7	0.00	1.30	0.48	0	3	2	83	0.00	0.0	2.082	0.000	3	2	1	1
PL.14571	PL.14570	A	336ACSR	7.58Y	126.3	-0.03	-0.34	7.60	2	44	37	77	0.16	0.0	2.336	0.301	0	0	0	18
		B		7.47Y	124.5	0.08	1.48	19.13	4	110	92	77					0	0	0	60
		C		7.47Y	124.6	0.14	1.43	35.17	8	202	169	77					0	0	0	89
PL.19385	PL.14571	A	1/0CU	7.58Y	126.3	0.00	-0.34	6.76	3	39	33	76	0.00	0.0	2.341	0.005	0	0	0	15
		B		7.47Y	124.5	-0.00	1.48	0.17	0	1	1	77					0	0	0	2
		C		7.47Y	124.6	0.00	1.43	20.29	8	117	97	77					0	0	0	48
PD.574-A	PL.19385	A	Closed	7.58Y	126.3	0.00	-0.34	6.76	0	39	33	76	0.00	0.0	2.341	0.000	0	0	0	15
		B		7.47Y	124.5	0.00	1.48	0.17	0	1	1	77					0	0	0	2
		C		7.47Y	124.6	0.00	1.43	20.29	0	117	97	77					0	0	0	48
PD.574-B	PD.574-A	A	Closed	7.58Y	126.3	0.00	-0.34	6.76	0	39	33	76	0.00	0.0	2.341	0.000	0	0	0	15
		B		7.47Y	124.5	0.00	1.48	0.17	0	1	1	77					0	0	0	2
		C		7.47Y	124.6	0.00	1.43	20.29	0	117	97	77					0	0	0	48
PL.19386	PD.574-B	A	1/0CU	7.58Y	126.3	0.00	-0.33	6.76	3	39	33	76	0.09	0.1	2.621	0.280	0	0	0	15
		B		7.47Y	124.5	-0.02	1.46	0.17	0	1	1	77					0	0	0	2
		C		7.47Y	124.4	0.13	1.56	20.29	8	117	97	77					0	0	0	48

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.58Y	126.3	0.00	-0.33	6.76	3	39	33	76	0.07	0.0	2.842	0.221	0	0	0	15
		B		7.47Y	124.5	-0.01	1.45	0.17	0	1	1	77					0	0	0	2
		C		7.46Y	124.3	0.10	1.66	19.66	7	113	94	77					0	0	0	46
082406	PL.14225	B	Consumer	7.47Y	124.5	0.00	1.45	0.17	0	1	1	71	0.00	0.0	2.842	0.000	1	1	1	1
PL.7636	PL.14225	A	1/0CU	7.58Y	126.3	0.00	-0.32	6.76	3	39	33	76	0.07	0.0	3.088	0.246	0	0	0	15
		B		7.47Y	124.6	-0.01	1.44	0.00	0	0	0	100					0	0	0	1
		C		7.45Y	124.2	0.11	1.76	19.66	7	113	94	77					0	0	0	46
PL.14568	PL.7636	A	1/0CU	7.58Y	126.3	0.00	-0.32	6.76	3	39	33	76	0.04	0.0	3.223	0.135	0	0	0	15
		B		7.47Y	124.6	-0.01	1.43	0.00	0	0	0	100					0	0	0	1
		C		7.45Y	124.2	0.06	1.82	19.66	7	113	94	77					0	0	0	46
PL.26404	PL.14568	C	4ACSR	7.45Y	124.2	0.00	1.82	0.53	0	3	3	71	0.00	0.0	3.244	0.020	0	0	0	1
PD.1168	PL.26404	C	fuse6AMP	7.45Y	124.2	0.00	1.82	0.53	9	3	3	71	0.00	0.0	3.244	0.000	0	0	0	1
PL.26405	PD.1168	C	4ACSR	7.45Y	124.2	0.00	1.83	0.53	0	3	3	71	0.00	0.0	3.291	0.048	0	0	0	1
082315	PL.26405	C	Consumer	7.45Y	124.2	0.00	1.83	0.53	0	3	3	71	0.00	0.0	3.291	0.000	3	3	1	1
PL.44171	PL.14568	A	1/0CU	7.58Y	126.3	0.00	-0.32	6.76	3	39	33	76	0.04	0.0	3.345	0.122	0	0	0	15
		B		7.47Y	124.6	-0.01	1.42	0.00	0	0	0	100					0	0	0	1
		C		7.45Y	124.1	0.05	1.88	19.12	7	110	91	77					0	0	0	45
PL.44173	PL.44171	C	2ACSR	7.45Y	124.1	0.00	1.88	0.17	0	1	1	71	0.00	0.0	3.350	0.005	0	0	0	1
PD.8353	PL.44173	C	fuse6AMP	7.45Y	124.1	0.00	1.88	0.17	3	1	1	71	0.00	0.0	3.350	0.000	0	0	0	1
PL.44174	PD.8353	C	2ACSR	7.45Y	124.1	0.00	1.88	0.17	0	1	1	71	0.00	0.0	3.389	0.039	0	0	0	1
0823037	PL.44174	C	Consumer	7.45Y	124.1	0.00	1.88	0.17	0	1	1	71	0.00	0.0	3.389	0.000	1	1	1	1
PL.44172	PL.44171	A	1/0CU	7.58Y	126.3	0.00	-0.32	6.76	3	39	33	76	0.02	0.0	3.405	0.059	0	0	0	15
		B		7.47Y	124.6	-0.00	1.42	0.00	0	0	0	100					0	0	0	1
		C		7.45Y	124.1	0.03	1.90	18.96	7	109	90	77					0	0	0	44
PL.16344	PL.44172	C	4ACSR	7.45Y	124.1	0.01	1.91	13.89	12	79	67	76	0.00	0.0	3.415	0.010	0	0	0	33
PD.572-A	PL.16344	C	Closed	7.45Y	124.1	0.00	1.91	13.89	0	79	67	76	0.00	0.0	3.415	0.000	0	0	0	33
PD.572-B	PD.572-A	C	Closed	7.45Y	124.1	0.00	1.91	13.89	0	79	67	76	0.00	0.0	3.415	0.000	0	0	0	33
PL.16345	PD.572-B	C	4ACSR	7.44Y	124.0	0.09	1.99	13.89	12	79	67	76	0.06	0.1	3.549	0.134	0	0	0	33
PL.18961	PL.16345	C	4ACSR	7.44Y	124.0	0.00	1.99	0.94	1	5	4	78	0.00	0.0	3.554	0.006	0	0	0	1
PL.18962	PL.18961	C	4ACSR	7.44Y	124.0	0.00	1.99	0.94	1	5	4	78	0.00	0.0	3.565	0.011	0	0	0	1
PD.1169	PL.18962	C	fuse6AMP	7.44Y	124.0	0.00	1.99	0.94	16	5	4	78	0.00	0.0	3.565	0.000	0	0	0	1
PL.16343	PD.1169	C	4ACSR	7.44Y	124.0	0.00	2.00	0.94	1	5	4	78	0.00	0.0	3.651	0.086	0	0	0	1
082317	PL.16343	C	Consumer	7.44Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	3.651	0.000	0	0	0	0
082321	PL.16343	C	Consumer	7.44Y	124.0	0.00	2.00	0.94	0	5	4	78	0.00	0.0	3.651	0.000	5	4	1	1
PL.18963	PL.16345	C	4ACSR	7.44Y	124.0	0.03	2.02	12.95	11	74	62	77	0.02	0.0	3.597	0.048	0	0	0	32
PD.3446	PL.18963	C	50V4E	7.44Y	124.0	0.00	2.02	12.95	26	74	62	77	0.00	0.0	3.597	0.000	0	0	0	32
PL.18964	PD.3446	C	4ACSR	7.43Y	123.9	0.08	2.10	12.95	11	74	62	77	0.05	0.1	3.732	0.134	0	0	0	32
PL.45964	PL.18964	C	4ACSR	7.43Y	123.9	0.05	2.15	11.76	10	67	56	77	0.03	0.0	3.817	0.086	0	0	0	30
0823038	PL.45964	C	Consumer	7.43Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	3.817	0.000	0	0	0	0
PL.45965	PL.45964	C	4ACSR	7.43Y	123.8	0.08	2.23	11.76	10	67	56	77	0.05	0.1	3.966	0.149	0	0	0	30
PL.26408	PL.45965	C	4ACSR	7.43Y	123.8	0.00	2.23	1.30	1	7	6	76	0.00	0.0	3.985	0.019	0	0	0	3
PD.820	PL.26408	C	fuse6AMP	7.43Y	123.8	0.00	2.23	1.30	22	7	6	76	0.00	0.0	3.985	0.000	0	0	0	3
PL.26409	PD.820	C	4ACSR	7.43Y	123.8	0.01	2.24	1.30	1	7	6	76	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\SUMMER\PROPOSED SUMMER 06-10 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	7.43Y	123.8	0.00	2.24	0.23	0	1	1	71	0.00	0.0	4.152	0.075	0	0	0	1
082326	PL.24488	C	Consumer	7.43Y	123.8	0.00	2.24	0.23	0	1	1	71	0.00	0.0	4.152	0.000	1	1	1	1
082305	PL.26409	C	Consumer	7.43Y	123.8	0.00	2.24	0.29	0	2	1	89	0.00	0.0	4.077	0.000	2	1	1	1
082330	PL.26409	C	Consumer	7.43Y	123.8	0.00	2.24	0.78	0	4	4	71	0.00	0.0	4.077	0.000	4	4	1	1
PL.14229	PL.45965	C	4ACSR	7.42Y	123.7	0.06	2.28	10.46	9	59	50	76	0.03	0.1	4.081	0.116	0	0	0	27
PL.8317	PL.14229	C	4ACSR	7.42Y	123.6	0.08	2.36	9.91	8	56	47	77	0.04	0.1	4.257	0.176	0	0	0	26
082322	PL.8317	C	Consumer	7.42Y	123.6	0.00	2.36	0.53	0	3	3	71	0.00	0.0	4.257	0.000	3	3	1	1
082304	PL.8317	C	Consumer	7.42Y	123.6	0.00	2.36	0.03	0	0	0	100	0.00	0.0	4.257	0.000	0	0	1	1
PL.14230	PL.8317	C	4ACSR	7.42Y	123.6	0.01	2.38	9.35	8	53	45	76	0.01	0.0	4.290	0.033	0	0	0	24
PL.14726	PL.14230	C	4ACSR	7.42Y	123.6	0.02	2.40	8.87	7	50	42	77	0.01	0.0	4.338	0.048	0	0	0	23
PL.17647	PL.14726	C	4ACSR	7.42Y	123.6	0.00	2.40	0.56	0	3	3	71	0.00	0.0	4.357	0.019	0	0	0	1
PD.821	PL.17647	C	fuse6AMP	7.42Y	123.6	0.00	2.40	0.56	10	3	3	71	0.00	0.0	4.357	0.000	0	0	0	1
PL.17648	PD.821	C	4ACSR	7.42Y	123.6	0.00	2.40	0.56	0	3	3	71	0.00	0.0	4.438	0.081	0	0	0	1
082318	PL.17648	C	Consumer	7.42Y	123.6	0.00	2.40	0.56	0	3	3	71	0.00	0.0	4.438	0.000	3	3	1	1
PL.17442	PL.14726	C	4ACSR	7.41Y	123.6	0.02	2.42	8.02	7	46	38	77	0.01	0.0	4.388	0.050	0	0	0	20
PL.32696	PL.17442	C	4ACSR	7.41Y	123.6	0.01	2.43	7.43	6	42	35	77	0.00	0.0	4.422	0.033	0	0	0	18
PL.32697	PL.32696	C	4ACSR	7.41Y	123.6	0.01	2.44	7.43	6	42	35	77	0.01	0.0	4.462	0.040	0	0	0	18
PL.15360	PL.32697	C	4ACSR	7.41Y	123.6	0.00	2.44	7.43	6	42	35	77	0.00	0.0	4.462	0.000	0	0	0	18
PL.32701	PL.15360	C	4ACSR	7.41Y	123.5	0.01	2.45	6.20	5	35	30	76	0.00	0.0	4.505	0.043	0	0	0	16
PL.32703	PL.32701	C	4ACSR	7.41Y	123.5	0.01	2.46	2.24	2	13	11	76	0.00	0.0	4.559	0.054	0	0	0	5
PL.32704	PL.32703	C	4ACSR	7.41Y	123.5	0.00	2.46	1.80	2	10	9	74	0.00	0.0	4.589	0.030	0	0	0	4
0823032	PL.32704	C	Consumer	7.41Y	123.5	0.00	2.46	0.59	0	3	3	71	0.00	0.0	4.589	0.000	3	3	1	1
PL.34636	PL.32704	C	2ACSR	7.41Y	123.5	0.00	2.46	1.21	1	7	6	76	0.00	0.0	4.611	0.021	0	0	0	3
PL.34637	PL.34636	C	2ACSR	7.41Y	123.5	0.01	2.47	0.85	1	5	4	78	0.00	0.0	4.807	0.197	0	0	0	2
PL.34821	PL.34637	C	2ACSR	7.41Y	123.5	0.00	2.47	0.00	0	0	0	100	0.00	0.0	4.846	0.039	0	0	0	1
PL.40784	PL.34821	C	2ACSR	7.41Y	123.5	0.00	2.47	0.00	0	0	0	100	0.00	0.0	4.907	0.061	0	0	0	1
0823036	PL.40784	C	Consumer	7.41Y	123.5	0.00	2.47	0.00	0	0	0	100	0.00	0.0	4.907	0.000	0	0	1	1
PL.34819	PL.34637	C	2ACSR	7.41Y	123.5	0.00	2.47	0.84	1	5	4	78	0.00	0.0	4.849	0.041	0	0	0	1
0823034	PL.34819	C	Consumer	7.41Y	123.5	0.00	2.47	0.84	0	5	4	78	0.00	0.0	4.849	0.000	5	4	1	1
PL.34635	PL.34636	C	2ACSR	7.41Y	123.5	0.00	2.46	0.37	0	2	2	71	0.00	0.0	4.620	0.009	0	0	0	1
0823035	PL.34635	C	Consumer	7.41Y	123.5	0.00	2.46	0.37	0	2	2	71	0.00	0.0	4.620	0.000	2	2	1	1
0823033	PL.32703	C	Consumer	7.41Y	123.5	0.00	2.46	0.44	0	2	2	71	0.00	0.0	4.559	0.000	2	2	1	1
PL.32702	PL.32701	C	4ACSR	7.41Y	123.5	0.01	2.46	3.96	3	22	19	76	0.00	0.0	4.534	0.028	0	0	0	11
082325	PL.32702	C	Consumer	7.41Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	4.534	0.000	0	0	1	1
PL.19362	PL.32702	C	4ACSR	7.41Y	123.5	0.03	2.49	3.96	3	22	19	76	0.01	0.0	4.706	0.173	0	0	0	10
PL.14231	PL.19362	C	4ACSR	7.41Y	123.5	0.01	2.50	3.43	3	19	16	76	0.00	0.0	4.750	0.043	0	0	0	9
PL.18285	PL.14231	C	4ACSR	7.41Y	123.5	0.00	2.50	0.50	0	3	2	83	0.00	0.0	4.770	0.020	0	0	0	3
PD.823	PL.18285	C	fuse6AMP	7.41Y	123.5	0.00	2.50	0.50	8	3	2	83	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\SUMMER\PROPOSED SUMMER 06-10 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.18286	PD.823	C	4ACSR	7.41Y	123.5	0.00	2.50	0.50	0	3	2	83	0.00	0.0	4.821	0.051	0	0	0	3
081304	PL.18286	C	Consumer	7.41Y	123.5	0.00	2.50	0.16	0	1	1	71	0.00	0.0	4.821	0.000	1	1	1	1
081311	PL.18286	C	Consumer	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	4.821	0.000	0	0	1	1
081309	PL.18286	C	Consumer	7.41Y	123.5	0.00	2.50	0.34	0	2	2	71	0.00	0.0	4.821	0.000	2	2	1	1
PL.18512	PL.14231	C	4ACSR	7.41Y	123.5	0.01	2.51	2.93	2	17	14	77	0.00	0.0	4.834	0.084	0	0	0	6
PD.824	PL.18512	C	fuse6AMP	7.41Y	123.5	0.00	2.51	2.93	50	17	14	77	0.00	0.0	4.834	0.000	0	0	0	6
PL.18523	PD.824	C	4ACSR	7.41Y	123.5	0.00	2.51	2.93	2	17	14	77	0.00	0.0	4.844	0.010	0	0	0	6
PL.18510	PL.18523	C	4ACSR	7.41Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	4.852	0.009	0	0	0	0
PD.825	PL.18510	C	fuse6AMP	7.41Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	4.852	0.000	0	0	0	0
PL.18511	PD.825	C	4ACSR	7.41Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	5.219	0.367	0	0	0	0
PL.18509	PD.825	C	4ACSR	7.41Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	5.219	0.367	0	0	0	0
PL.24237	PL.18523	C	4ACSR	7.41Y	123.5	0.00	2.51	1.09	1	6	5	77	0.00	0.0	4.912	0.068	0	0	0	2
081306	PL.24237	C	Consumer	7.41Y	123.5	0.00	2.51	0.74	0	4	4	71	0.00	0.0	4.912	0.000	4	4	1	1
081308	PL.24237	C	Consumer	7.41Y	123.5	0.00	2.51	0.35	0	2	2	71	0.00	0.0	4.912	0.000	2	2	1	1
PL.14724	PL.18523	C	4ACSR	7.41Y	123.5	0.00	2.51	0.20	0	1	1	71	0.00	0.0	4.922	0.078	0	0	0	1
PL.14725	PL.14724	C	4ACSR	7.41Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	5.013	0.091	0	0	0	0
081305	PL.14724	C	Consumer	7.41Y	123.5	0.00	2.51	0.20	0	1	1	71	0.00	0.0	4.922	0.000	1	1	1	1
PL.14566	PL.18523	C	4ACSR	7.41Y	123.5	0.00	2.52	1.64	1	9	8	75	0.00	0.0	4.903	0.059	0	0	0	3
PL.14567	PL.14566	C	4ACSR	7.41Y	123.5	0.00	2.52	0.67	1	4	3	80	0.00	0.0	4.937	0.034	0	0	0	1
081310	PL.14567	C	Consumer	7.41Y	123.5	0.00	2.52	0.00	0	0	0	100	0.00	0.0	4.937	0.000	0	0	0	0
081301	PL.14567	C	Consumer	7.41Y	123.5	0.00	2.52	0.67	0	4	3	80	0.00	0.0	4.937	0.000	4	3	1	1
PL.8319	PL.14567	C	4ACSR	7.41Y	123.5	0.00	2.52	0.00	0	0	0	100	0.00	0.0	4.937	0.000	0	0	0	0
PL.29589	PL.14566	C	4ACSR	7.41Y	123.5	0.00	2.52	0.97	1	6	5	77	0.00	0.0	4.977	0.074	0	0	0	2
081312	PL.29589	C	Consumer	7.41Y	123.5	0.00	2.52	0.90	0	5	4	78	0.00	0.0	4.977	0.000	5	4	1	1
081313	PL.29589	C	Consumer	7.41Y	123.5	0.00	2.52	0.08	0	0	0	100	0.00	0.0	4.977	0.000	0	0	1	1
081307	PL.19362	C	Consumer	7.41Y	123.5	0.00	2.49	0.53	0	3	3	71	0.00	0.0	4.706	0.000	3	3	1	1
082302	PL.15360	C	Consumer	7.41Y	123.6	0.00	2.44	0.36	0	2	2	71	0.00	0.0	4.462	0.000	2	2	1	1
PL.18287	PL.15360	C	4ACSR	7.41Y	123.6	0.00	2.44	0.88	1	5	4	78	0.00	0.0	4.485	0.023	0	0	0	1
PD.822	PL.18287	C	fuse6AMP	7.41Y	123.6	0.00	2.44	0.88	15	5	4	78	0.00	0.0	4.485	0.000	0	0	0	1
PL.18288	PD.822	C	4ACSR	7.41Y	123.6	0.00	2.45	0.88	1	5	4	78	0.00	0.0	4.572	0.087	0	0	0	1
082301	PL.18288	C	Consumer	7.41Y	123.6	0.00	2.45	0.88	0	5	4	78	0.00	0.0	4.572	0.000	5	4	1	1
082319	PL.17442	C	Consumer	7.41Y	123.6	0.00	2.42	0.48	0	3	2	83	0.00	0.0	4.388	0.000	3	2	1	1
082323	PL.17442	C	Consumer	7.41Y	123.6	0.00	2.42	0.11	0	1	1	71	0.00	0.0	4.388	0.000	1	1	1	1
082331	PL.14726	C	Consumer	7.42Y	123.6	0.00	2.40	0.00	0	0	0	100	0.00	0.0	4.338	0.000	0	0	1	1
082303	PL.14726	C	Consumer	7.42Y	123.6	0.00	2.40	0.28	0	2	1	89	0.00	0.0	4.338	0.000	2	1	1	1
PL.24238	PL.14230	C	4ACSR	7.42Y	123.6	0.00	2.38	0.48	0	3	2	83	0.00	0.0	4.345	0.055	0	0	0	1
082329	PL.24238	C	Consumer	7.42Y	123.6	0.00	2.38	0.48	0	3	2	83	0.00	0.0	4.345	0.000	3	2	1	1
082314	PL.14229	C	Consumer	7.42Y	123.7	0.00	2.28	0.55	0	3	3	71	0.00	0.0	4.081	0.000	3	3	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.26406	PL.18964	C	4ACSR	7.43Y	123.9	0.00	2.10	1.19	1	7	6	76	0.00	0.0	3.750	0.019	0	0	0	2
PD.1170	PL.26406	C	fuse6AMP	7.43Y	123.9	0.00	2.10	1.19	20	7	6	76	0.00	0.0	3.750	0.000	0	0	0	2
PL.26407	PD.1170	C	4ACSR	7.43Y	123.9	0.00	2.11	1.19	1	7	6	76	0.00	0.0	3.793	0.043	0	0	0	2
082327	PL.26407	C	Consumer	7.43Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	3.793	0.000	0	0	0	0
082316	PL.26407	C	Consumer	7.43Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	3.793	0.000	0	0	0	0
082328	PL.26407	C	Consumer	7.43Y	123.9	0.00	2.11	1.13	0	6	5	77	0.00	0.0	3.793	0.000	6	5	1	1
082324	PL.26407	C	Consumer	7.43Y	123.9	0.00	2.11	0.06	0	0	0	100	0.00	0.0	3.793	0.000	0	0	1	1
PL.14227	PL.44172	A	1/0CU	7.58Y	126.3	0.02	-0.30	6.76	3	39	33	76	0.01	0.0	3.541	0.137	0	0	0	15
		B		7.48Y	124.6	-0.01	1.41	0.00	0	0	0	100					0	0	0	1
		C		7.45Y	124.1	0.02	1.92	5.07	2	29	24	78					0	0	0	11
PL.21873	PL.14227	A	1/0CU	7.58Y	126.3	0.05	-0.25	6.76	3	39	33	76	0.02	0.0	3.980	0.439	0	0	0	15
		B		7.48Y	124.6	-0.02	1.39	0.00	0	0	0	100					0	0	0	0
		C		7.44Y	124.0	0.05	1.96	5.07	2	29	24	78					0	0	0	11
PD.2752-A	PL.21873	A	Closed	7.58Y	126.3	0.00	-0.25	6.76	0	39	33	76	0.00	0.0	3.980	0.000	0	0	0	15
		B		7.48Y	124.6	0.00	1.39	0.00	0	0	0	100					0	0	0	0
		C		7.44Y	124.0	0.00	1.96	5.07	0	29	24	78					0	0	0	11
PD.2752-B	PD.2752-A	A	Closed	7.58Y	126.3	0.00	-0.25	6.76	0	39	33	76	0.00	0.0	3.980	0.000	0	0	0	15
		B		7.48Y	124.6	0.00	1.39	0.00	0	0	0	100					0	0	0	0
		C		7.44Y	124.0	0.00	1.96	5.07	0	29	24	78					0	0	0	11
PL.21874	PD.2752-B	A	1/0CU	7.57Y	126.2	0.01	-0.25	6.76	3	39	33	76	0.00	0.0	4.026	0.046	0	0	0	15
		B		7.48Y	124.6	-0.00	1.39	0.00	0	0	0	100					0	0	0	0
		C		7.44Y	124.0	0.01	1.97	5.07	2	29	24	78					0	0	0	11
PL.204	PL.21874	A	1/0CU	7.57Y	126.2	0.01	-0.23	6.76	3	39	33	76	0.00	0.0	4.131	0.105	0	0	0	15
		B		7.48Y	124.6	-0.01	1.38	0.00	0	0	0	100					0	0	0	0
		C		7.44Y	124.0	0.01	1.98	5.07	2	29	24	78					0	0	0	11
PL.14218	PL.204	A	1/0CU	7.57Y	126.2	-0.00	-0.24	0.00	0	0	0	100	0.00	0.0	4.226	0.095	0	0	0	0
		B		7.48Y	124.6	-0.00	1.38	0.00	0	0	0	100					0	0	0	0
		C		7.44Y	124.0	0.01	1.99	5.07	2	29	24	78					0	0	0	11
PL.26411	PL.14218	C	4ACSR	7.44Y	124.0	0.00	1.99	5.07	4	29	24	77	0.00	0.0	4.229	0.003	0	0	0	11
PD.2856	PL.26411	C	fuse8AMP	7.44Y	124.0	0.00	1.99	5.07	69	29	24	77	0.00	0.0	4.229	0.000	0	0	0	11
PL.26412	PD.2856	C	4ACSR	7.44Y	124.0	0.01	2.00	5.07	4	29	24	77	0.00	0.0	4.268	0.039	0	0	0	11
577902	PL.26412	C	Consumer	7.44Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	4.268	0.000	0	0	0	0
577903	PL.26412	C	Consumer	7.44Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	4.268	0.000	0	0	1	1
PL.7547	PL.26412	C	4ACSR	7.44Y	124.0	0.01	2.01	2.74	2	16	13	78	0.00	0.0	4.319	0.052	0	0	0	7
5778005	PL.7547	C	Consumer	7.44Y	124.0	0.00	2.01	0.35	0	2	2	71	0.00	0.0	4.319	0.000	2	2	1	1
577801	PL.7547	C	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	4.319	0.000	0	0	0	0
577804	PL.7547	C	Consumer	7.44Y	124.0	0.00	2.01	0.01	0	0	0	100	0.00	0.0	4.319	0.000	0	0	1	1
577803	PL.7547	C	Consumer	7.44Y	124.0	0.00	2.01	0.40	0	3	1	95	0.00	0.0	4.319	0.000	3	1	1	1
PL.7546	PL.7547	C	4ACSR	7.44Y	124.0	0.00	2.01	2.00	2	11	10	74	0.00	0.0	4.336	0.016	0	0	0	4
PL.7545	PL.7546	C	4ACSR	7.44Y	124.0	0.00	2.01	1.36	1	8	6	80	0.00	0.0	4.371	0.036	0	0	0	2
576803	PL.7545	C	Consumer	7.44Y	124.0	0.00	2.01	0.90	0	5	4	78	0.00	0.0	4.371	0.000	5	4	1	1
576805	PL.7545	C	Consumer	7.44Y	124.0	0.00	2.01	0.46	0	3	2	83	0.00	0.0	4.371	0.000	3	2	1	1
576809	PL.7545	C	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	4.371	0.000	0	0	0	0
576808	PL.7545	C	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	4.371	0.000	0	0	0	0
576804	PL.7546	C	Consumer	7.44Y	124.0	0.00	2.01	0.32	0	2	2	71	0.00	0.0	4.336	0.000	2	2	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
576806	PL.7546	C	Consumer	7.44Y	124.0	0.00	2.01	0.32	0	2	2	71	0.00	0.0	4.336	0.000	2	2	1	1
PL.14220	PL.26412	C	4ACSR	7.44Y	124.0	0.00	2.00	2.32	2	13	11	76	0.00	0.0	4.293	0.025	0	0	0	3
577910	PL.14220	C	Consumer	7.44Y	124.0	0.00	2.00	0.31	0	2	2	71	0.00	0.0	4.293	0.000	2	2	1	1
PL.7550	PL.14220	C	4ACSR	7.44Y	124.0	0.00	2.01	2.01	2	11	10	74	0.00	0.0	4.305	0.012	0	0	0	2
PL.7548	PL.7550	C	4ACSR	7.44Y	124.0	0.00	2.01	2.01	2	11	10	74	0.00	0.0	4.331	0.025	0	0	0	2
578905	PL.7548	C	Consumer	7.44Y	124.0	0.00	2.01	1.40	0	8	7	75	0.00	0.0	4.331	0.000	8	7	1	1
578901	PL.7548	C	Consumer	7.44Y	124.0	0.00	2.01	0.61	0	3	3	71	0.00	0.0	4.331	0.000	3	3	1	1
577909	PL.7550	C	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	4.305	0.000	0	0	0	0
PL.14217	PL.14218	A	1/0CU	7.57Y	126.2	0.00	-0.24	0.00	0	0	0	100	0.00	0.0	4.262	0.036	0	0	0	0
		B		7.48Y	124.6	0.00	1.38	0.00	0	0	0	100	0.00	0.0			0	0	0	0
		C		7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0			0	0	0	0
PD.193-A	PL.14217	A	Open	7.57Y	126.2	0.00	-0.24	0.00	0	0	0	100	0.00	0.0	4.262	0.000	0	0	0	0
		B		7.48Y	124.6	0.00	1.38	0.00	0	0	0	100	0.00	0.0			0	0	0	0
		C		7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0			0	0	0	0
PL.28090	PL.204	A	4ACSR	7.57Y	126.2	0.00	-0.23	6.76	6	39	33	76	0.00	0.0	4.137	0.006	0	0	0	15
PD.3725	PL.28090	A	0VXE	7.57Y	126.2	0.00	-0.23	6.76	0	39	33	76	0.00	0.0	4.137	0.000	0	0	0	15
PL.28091	PD.3725	A	4ACSR	7.57Y	126.2	0.01	-0.22	6.76	6	39	33	76	0.00	0.0	4.178	0.041	0	0	0	15
PL.15361	PL.28091	A	4ACSR	7.57Y	126.2	0.00	-0.22	6.76	6	39	33	76	0.00	0.0	4.178	0.000	0	0	0	15
PL.15362	PL.15361	A	4ACSR	7.57Y	126.2	0.01	-0.21	5.78	5	33	28	76	0.00	0.0	4.212	0.034	0	0	0	14
577905	PL.15362	A	Consumer	7.57Y	126.2	0.00	-0.21	0.35	0	2	2	71	0.00	0.0	4.212	0.000	2	2	1	1
577906	PL.15362	A	Consumer	7.57Y	126.2	0.00	-0.21	0.67	0	4	3	80	0.00	0.0	4.212	0.000	4	3	1	1
PL.15358	PL.15362	A	4ACSR	7.57Y	126.2	0.01	-0.20	4.75	4	28	23	77	0.00	0.0	4.268	0.055	0	0	0	12
PL.15365	PL.15358	A	4ACSR	7.57Y	126.2	0.01	-0.19	2.96	2	17	14	77	0.00	0.0	4.308	0.040	0	0	0	8
PL.15364	PL.15365	A	4ACSR	7.57Y	126.2	0.00	-0.19	1.89	2	11	9	77	0.00	0.0	4.334	0.026	0	0	0	6
PL.7549	PL.15364	A	4ACSR	7.57Y	126.2	0.01	-0.18	1.89	2	11	9	77	0.00	0.0	4.424	0.090	0	0	0	6
579901	PL.7549	A	Consumer	7.57Y	126.2	0.00	-0.18	0.02	0	0	0	100	0.00	0.0	4.424	0.000	0	0	1	1
579903	PL.7549	A	Consumer	7.57Y	126.2	0.00	-0.18	0.00	0	0	0	100	0.00	0.0	4.424	0.000	0	0	0	0
579902	PL.7549	A	Consumer	7.57Y	126.2	0.00	-0.18	0.31	0	2	1	89	0.00	0.0	4.424	0.000	2	1	1	1
PL.14221	PL.7549	A	4ACSR	7.57Y	126.2	0.01	-0.17	1.56	1	9	8	75	0.00	0.0	4.585	0.161	0	0	0	4
PL.14222	PL.14221	A	4ACSR	7.57Y	126.2	0.00	-0.17	1.56	1	9	8	75	0.00	0.0	4.585	0.000	0	0	0	4
PL.24499	PL.14222	A	4ACSR	7.57Y	126.2	0.00	-0.17	1.10	1	6	5	77	0.00	0.0	4.624	0.039	0	0	0	3
0832108	PL.24499	A	Consumer	7.57Y	126.2	0.00	-0.17	0.30	0	2	1	89	0.00	0.0	4.624	0.000	2	1	1	1
0832107	PL.24499	A	Consumer	7.57Y	126.2	0.00	-0.17	0.34	0	2	2	71	0.00	0.0	4.624	0.000	2	2	1	1
0832106	PL.24499	A	Consumer	7.57Y	126.2	0.00	-0.17	0.46	0	3	2	83	0.00	0.0	4.624	0.000	3	2	1	1
PL.14727	PL.14222	A	4ACSR	7.57Y	126.2	0.00	-0.17	0.47	0	3	2	83	0.00	0.0	4.684	0.099	0	0	0	1
PL.38141	PL.14727	A	4ACSR	7.57Y	126.2	0.00	-0.17	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	7.57Y	126.2	0.00	-0.17	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	7.57Y	126.2	0.00	-0.17	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	7.57Y	126.2	0.00	-0.17	0.00	0	0	0	100	0.00	0.0	4.754	0.007	0	0	0	0
PL.38140	PL.38142	A	4ACSR	7.57Y	126.2	0.00	-0.17	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\SUMMER\PROPOSED SUMMER 06-10 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		
PD.579-B	PL.38140	A	Open	7.57Y	126.2	0.00	-0.17	0.00	0	0	0	0	100	0.00	0.0	4.759	0.000	0	0	0	0	
PL.38129	PL.38142	A	4ACSR	7.57Y	126.2	0.00	-0.17	0.00	0	0	0	0	100	0.00	0.0	4.757	0.003	0	0	0	0	
PL.38130	PL.38129	A	4ACSR	7.57Y	126.2	0.00	-0.17	0.00	0	0	0	0	100	0.00	0.0	4.760	0.003	0	0	0	0	
PL.38137	PL.38130	A	4ACSR	7.57Y	126.2	0.00	-0.17	0.00	0	0	0	0	100	0.00	0.0	4.880	0.120	0	0	0	0	
PD.6619-A	PL.38137	A	Open	7.57Y	126.2	0.00	-0.17	0.00	0	0	0	0	100	0.00	0.0	4.880	0.000	0	0	0	0	
PL.24500	PL.14727	A	4ACSR	7.57Y	126.2	0.00	-0.17	0.47	0	3	2	83	0.00	0.0	4.720	0.036	0	0	0	1		
0832109	PL.24500	A	Consumer	7.57Y	126.2	0.00	-0.17	0.47	0	3	2	83	0.00	0.0	4.720	0.000	3	2	1	1		
PL.15363	PL.15365	A	4ACSR	7.57Y	126.2	0.00	-0.19	1.07	1	6	5	77	0.00	0.0	4.350	0.042	0	0	0	2		
579001	PL.15363	A	Consumer	7.57Y	126.2	0.00	-0.19	0.61	0	4	3	80	0.00	0.0	4.350	0.000	4	3	1	1		
PL.42668	PL.15363	A	2ACSR	7.57Y	126.2	0.00	-0.19	0.46	0	3	2	83	0.00	0.0	4.399	0.049	0	0	0	1		
5790003	PL.42668	A	Consumer	7.57Y	126.2	0.00	-0.19	0.46	0	3	2	83	0.00	0.0	4.399	0.000	3	2	1	1		
578904	PL.15358	A	Consumer	7.57Y	126.2	0.00	-0.20	0.81	0	5	4	78	0.00	0.0	4.268	0.000	5	4	1	1		
5790002	PL.15358	A	Consumer	7.57Y	126.2	0.00	-0.20	0.47	0	3	2	83	0.00	0.0	4.268	0.000	3	2	1	1		
5789007	PL.15358	A	Consumer	7.57Y	126.2	0.00	-0.20	0.09	0	1	0	100	0.00	0.0	4.268	0.000	1	0	1	1		
578906	PL.15358	A	Consumer	7.57Y	126.2	0.00	-0.20	0.00	0	0	0	100	0.00	0.0	4.268	0.000	0	0	0	0		
578903	PL.15358	A	Consumer	7.57Y	126.2	0.00	-0.20	0.42	0	2	2	71	0.00	0.0	4.268	0.000	2	2	1	1		
577907	PL.15361	A	Consumer	7.57Y	126.2	0.00	-0.22	0.98	0	6	5	77	0.00	0.0	4.178	0.000	6	5	1	1		
PL.16346	PL.14227	B	4ACSR	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	3.555	0.013	0	0	0	1		
PD.828	PL.16346	B	fuse6AMP	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	3.555	0.000	0	0	0	1		
PL.16347	PD.828	B	4ACSR	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	3.677	0.122	0	0	0	1		
PL.4640	PL.16347	B	4ACSR	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	3.813	0.137	0	0	0	1		
083325	PL.4640	B	Consumer	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	3.813	0.000	0	0	1	1		
083314	PL.4640	B	Consumer	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	3.813	0.000	0	0	0	0		
PL.15032	PL.19386	C	4ACSR	7.47Y	124.4	0.00	1.56	0.63	1	4	3	80	0.00	0.0	2.644	0.023	0	0	0	2		
PD.1767	PL.15032	C	fuse6AMP	7.47Y	124.4	0.00	1.56	0.63	11	4	3	80	0.00	0.0	2.644	0.000	0	0	0	2		
PL.15033	PD.1767	C	4ACSR	7.47Y	124.4	0.00	1.56	0.63	1	4	3	80	0.00	0.0	2.727	0.083	0	0	0	2		
PL.8356	PL.15033	C	4ACSR	7.47Y	124.4	0.00	1.57	0.63	1	4	3	80	0.00	0.0	2.804	0.077	0	0	0	2		
082403	PL.8356	C	Consumer	7.47Y	124.4	0.00	1.57	0.55	0	3	3	71	0.00	0.0	2.804	0.000	3	3	1	1		
PL.24240	PL.8356	C	4ACSR	7.47Y	124.4	0.00	1.57	0.08	0	0	0	100	0.00	0.0	2.906	0.102	0	0	0	1		
082416	PL.24240	C	Consumer	7.47Y	124.4	0.00	1.57	0.08	0	0	0	100	0.00	0.0	2.906	0.000	0	0	1	1		
PL.18377	PL.14571	A	1/0CU	7.58Y	126.4	-0.02	-0.35	0.84	0	5	4	78	0.07	0.0	2.511	0.175	0	0	0	3		
		B		7.47Y	124.4	0.07	1.55	18.96	7	109	91	77					0	0	0	58		
		C		7.47Y	124.5	0.04	1.47	14.88	6	85	72	76					0	0	0	41		
PD.3451	PL.18377	A	35V4E	7.58Y	126.4	0.00	-0.35	0.84	2	5	4	78	0.00	0.0	2.511	0.000	0	0	0	3		
		B		7.47Y	124.4	0.00	1.55	18.96	27	109	91	77					0	0	0	58		
		C		7.47Y	124.5	0.00	1.47	14.88	43	85	72	76					0	0	0	41		
PL.40923	PD.3451	A	2ACSR	7.58Y	126.4	0.00	-0.35	0.48	0	3	2	83	0.00	0.0	2.518	0.007	0	0	0	1		
PD.7294	PL.40923	A	fuse6AMP	7.58Y	126.4	0.00	-0.35	0.48	8	3	2	83	0.00	0.0	2.518	0.000	0	0	0	1		
PL.40924	PD.7294	A	2ACSR	7.58Y	126.3	0.00	-0.35	0.48	0	3	2	83	0.00	0.0	2.695	0.176	0	0	0	1		
0824021	PL.40924	A	Consumer	7.58Y	126.3	0.00	-0.35	0.48	0	3	2	83	0.00	0.0	2.695	0.000	3	2	1	1		

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.18378	PD.3451	A	1/0CU	7.58Y	126.4	-0.03	-0.38	0.36	0	2	2	71	0.11	0.1	2.804	0.293	0	0	0	2
		B		7.46Y	124.3	0.12	1.67	18.96	7	109	91	77					0	0	0	58
		C		7.47Y	124.5	0.06	1.53	14.88	6	85	72	76					0	0	0	41
PL.15030	PL.18378	C	4ACSR	7.47Y	124.5	0.00	1.53	1.02	1	6	5	77	0.00	0.0	2.829	0.025	0	0	0	2
PD.2017	PL.15030	C	fuse6AMP	7.47Y	124.5	0.00	1.53	1.02	17	6	5	77	0.00	0.0	2.829	0.000	0	0	0	2
PL.15031	PD.2017	C	4ACSR	7.47Y	124.5	0.00	1.53	1.02	1	6	5	77	0.00	0.0	2.869	0.040	0	0	0	2
PL.5197	PL.15031	C	4ACSR	7.47Y	124.5	0.00	1.53	0.55	0	3	3	71	0.00	0.0	3.047	0.178	0	0	0	1
0814026	PL.5197	C	Consumer	7.47Y	124.5	0.00	1.53	0.55	0	3	3	71	0.00	0.0	3.047	0.000	3	3	1	1
PL.5199	PL.15031	C	4ACSR	7.47Y	124.5	0.00	1.53	0.47	0	3	2	83	0.00	0.0	2.957	0.089	0	0	0	1
081412	PL.5199	C	Consumer	7.47Y	124.5	0.00	1.53	0.47	0	3	2	83	0.00	0.0	2.957	0.000	3	2	1	1
PL.14226	PL.18378	A	1/0CU	7.59Y	126.4	-0.07	-0.45	0.36	0	2	2	71	0.25	0.1	3.491	0.687	0	0	0	2
		B		7.44Y	124.0	0.28	1.96	18.96	7	109	90	77					0	0	0	58
		C		7.46Y	124.3	0.12	1.65	13.86	5	79	67	76					0	0	0	39
PL.7640	PL.14226	A	1/0CU	7.59Y	126.5	-0.02	-0.47	0.36	0	2	2	71	0.03	0.0	3.670	0.179	0	0	0	2
		B		7.44Y	124.0	0.01	1.97	3.89	1	22	19	77					0	0	0	10
		C		7.46Y	124.3	0.05	1.70	13.86	5	79	67	76					0	0	0	39
PL.15024	PL.7640	C	4ACSR	7.46Y	124.3	0.00	1.70	0.12	0	1	1	71	0.00	0.0	3.694	0.024	0	0	0	1
PD.2018	PL.15024	C	fuse6AMP	7.46Y	124.3	0.00	1.70	0.12	2	1	1	71	0.00	0.0	3.694	0.000	0	0	0	1
PL.15025	PD.2018	C	4ACSR	7.46Y	124.3	0.00	1.70	0.12	0	1	1	71	0.00	0.0	3.784	0.091	0	0	0	1
081413	PL.15025	C	Consumer	7.46Y	124.3	0.00	1.70	0.12	0	1	1	71	0.00	0.0	3.784	0.000	1	1	1	1
PL.15374	PL.7640	A	1/0CU	7.59Y	126.5	-0.01	-0.47	0.36	0	2	2	71	0.01	0.0	3.755	0.085	0	0	0	2
		B		7.44Y	124.0	0.01	1.98	3.89	1	22	19	77					0	0	0	10
		C		7.46Y	124.3	0.02	1.72	13.30	5	76	64	76					0	0	0	37
PL.42760	PL.15374	C	4ACSR	7.46Y	124.3	0.00	1.72	0.90	1	5	4	78	0.00	0.0	3.760	0.005	0	0	0	3
PD.1774	PL.42760	C	fuse6AMP	7.46Y	124.3	0.00	1.72	0.90	15	5	4	78	0.00	0.0	3.760	0.000	0	0	0	3
PL.42761	PD.1774	C	4ACSR	7.46Y	124.3	0.00	1.73	0.35	0	2	2	71	0.00	0.0	3.849	0.089	0	0	0	1
081515	PL.42761	C	Consumer	7.46Y	124.3	0.00	1.73	0.35	0	2	2	71	0.00	0.0	3.849	0.000	2	2	1	1
PL.42762	PD.1774	C	4ACSR	7.46Y	124.3	0.00	1.73	0.55	0	3	3	71	0.00	0.0	3.849	0.089	0	0	0	2
081511	PL.42762	C	Consumer	7.46Y	124.3	0.00	1.73	0.50	0	3	2	83	0.00	0.0	3.849	0.000	3	2	1	1
081517	PL.42762	C	Consumer	7.46Y	124.3	0.00	1.73	0.05	0	0	0	100	0.00	0.0	3.849	0.000	0	0	1	1
PL.15029	PL.15374	A	1/0CU	7.59Y	126.5	-0.00	-0.48	0.36	0	2	2	71	0.01	0.0	3.816	0.062	0	0	0	2
		B		7.44Y	124.0	0.00	1.98	3.89	1	22	19	77					0	0	0	10
		C		7.46Y	124.3	0.02	1.74	12.39	5	71	60	77					0	0	0	34
PD.578-A	PL.15029	A	Closed	7.59Y	126.5	0.00	-0.48	0.36	0	2	2	71	0.00	0.0	3.816	0.000	0	0	0	2
		B		7.44Y	124.0	0.00	1.98	3.89	0	22	19	77					0	0	0	10
		C		7.46Y	124.3	0.00	1.74	12.39	0	71	60	77					0	0	0	34
PD.578-B	PD.578-A	A	Closed	7.59Y	126.5	0.00	-0.48	0.36	0	2	2	71	0.00	0.0	3.816	0.000	0	0	0	2
		B		7.44Y	124.0	0.00	1.98	3.89	0	22	19	77					0	0	0	10
		C		7.46Y	124.3	0.00	1.74	12.39	0	71	60	77					0	0	0	34
PL.15028	PD.578-B	A	1/0CU	7.59Y	126.5	-0.01	-0.49	0.36	0	2	2	71	0.01	0.0	3.927	0.110	0	0	0	2
		B		7.44Y	124.0	0.01	1.99	3.89	1	22	19	77					0	0	0	10
		C		7.45Y	124.2	0.03	1.77	12.39	5	71	60	77					0	0	0	34
PL.15375	PL.15028	A	1/0CU	7.59Y	126.5	-0.01	-0.50	0.36	0	2	2	71	0.02	0.0	4.068	0.141	0	0	0	2
		B		7.44Y	124.0	0.01	2.00	3.89	1	22	19	77					0	0	0	10
		C		7.45Y	124.2	0.04	1.80	12.31	5	70	59	77					0	0	0	33
PL.18519	PL.15375	C	4ACSR	7.45Y	124.2	0.00	1.81	4.31	4	25	21	77	0.00	0.0	4.091	0.023	0	0	0	11
PD.2021	PL.18519	C	fuse6AMP	7.45Y	124.2	0.00	1.81	4.31	74	25	21	77	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\SUMMER\PROPOSED SUMMER 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.18520	PD.2021	C	4ACSR	7.45Y	124.2	0.01	1.82	4.31	4	25	21	77	0.00	0.0	4.158	0.067	0	0	0	11
PL.8350	PL.18520	C	4ACSR	7.45Y	124.2	0.00	1.82	1.76	1	10	8	78	0.00	0.0	4.206	0.048	0	0	0	4
080509	PL.8350	C	Consumer	7.45Y	124.2	0.00	1.82	0.63	0	4	3	80	0.00	0.0	4.206	0.000	4	3	1	1
PL.8351	PL.8350	C	4ACSR	7.45Y	124.2	0.00	1.83	1.13	1	6	5	77	0.00	0.0	4.253	0.047	0	0	0	3
080526	PL.8351	C	Consumer	7.45Y	124.2	0.00	1.83	0.00	0	0	0	100	0.00	0.0	4.253	0.000	0	0	1	1
080501	PL.8351	C	Consumer	7.45Y	124.2	0.00	1.83	0.91	0	5	4	78	0.00	0.0	4.253	0.000	5	4	1	1
080522	PL.8351	C	Consumer	7.45Y	124.2	0.00	1.83	0.22	0	1	1	71	0.00	0.0	4.253	0.000	1	1	1	1
PL.15376	PL.18520	C	4ACSR	7.45Y	124.2	0.02	1.84	2.55	2	15	12	78	0.00	0.0	4.341	0.183	0	0	0	7
080516	PL.15376	C	Consumer	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	4.341	0.000	0	0	0	0
080507	PL.15376	C	Consumer	7.45Y	124.2	0.00	1.84	0.50	0	3	2	83	0.00	0.0	4.341	0.000	3	2	1	1
080524	PL.15376	C	Consumer	7.45Y	124.2	0.00	1.84	0.55	0	3	3	71	0.00	0.0	4.341	0.000	3	3	1	1
PL.15377	PL.15376	C	4ACSR	7.45Y	124.2	0.00	1.85	0.65	1	4	3	80	0.00	0.0	4.488	0.148	0	0	0	3
PL.23816	PL.15377	C	4ACSR	7.45Y	124.2	0.00	1.85	0.65	1	4	3	80	0.00	0.0	4.489	0.000	0	0	0	3
PL.20684	PL.23816	C	4ACSR	7.45Y	124.2	0.00	1.85	0.65	1	4	3	80	0.00	0.0	4.528	0.039	0	0	0	3
029515	PL.20684	C	Consumer	7.45Y	124.2	0.00	1.85	0.49	0	3	2	83	0.00	0.0	4.528	0.000	3	2	1	1
PL.20685	PL.20684	C	4ACSR	7.45Y	124.2	0.00	1.85	0.16	0	1	1	71	0.00	0.0	4.576	0.048	0	0	0	2
PL.39800	PL.20685	C	2ACSR	7.45Y	124.2	0.00	1.85	0.15	0	1	1	71	0.00	0.0	4.623	0.047	0	0	0	1
0295017	PL.39800	C	Consumer	7.45Y	124.2	0.00	1.85	0.15	0	1	1	71	0.00	0.0	4.623	0.000	1	1	1	1
029516	PL.20685	C	Consumer	7.45Y	124.2	0.00	1.85	0.01	0	0	0	100	0.00	0.0	4.576	0.000	0	0	1	1
PL.18991	PL.15376	C	4ACSR	7.45Y	124.2	0.00	1.85	0.85	1	5	4	78	0.00	0.0	4.415	0.074	0	0	0	2
080519	PL.18991	C	Consumer	7.45Y	124.2	0.00	1.85	0.53	0	3	3	71	0.00	0.0	4.415	0.000	3	3	1	1
PL.18992	PL.18991	C	4ACSR	7.45Y	124.2	0.00	1.85	0.32	0	2	2	71	0.00	0.0	4.474	0.059	0	0	0	1
080512	PL.18992	C	Consumer	7.45Y	124.2	0.00	1.85	0.32	0	2	2	71	0.00	0.0	4.474	0.000	2	2	1	1
H PL.14876	PL.15375	A	1/0CU	7.59Y	126.5	-0.01	-0.50	0.36	0	2	2	71	0.01	0.0	4.186	0.118	0	0	0	2 H
		B		7.44Y	124.0	0.01	2.01	3.89	1	22	19	77			0	0	0	0	10	
		C		7.45Y	124.2	0.02	1.82	8.00	3	46	38	77			0	0	0	0	22	
H PL.19144	PL.14876	A	1/0CU	7.59Y	126.5	-0.00	-0.50	0.36	0	2	2	71	0.00	0.0	4.215	0.030	0	0	0	2 H
		B		7.44Y	124.0	0.00	2.01	3.89	1	22	19	77			0	0	0	0	10	
		C		7.45Y	124.2	0.00	1.83	7.79	3	44	37	77			0	0	0	0	21	
H PL.19143	PL.19144	A	1/0CU	7.59Y	126.5	-0.00	-0.51	0.36	0	2	2	71	0.00	0.0	4.297	0.082	0	0	0	2 H
		B		7.44Y	124.0	0.01	2.02	3.77	1	21	18	77			0	0	0	0	9	
		C		7.45Y	124.2	0.01	1.84	7.79	3	44	37	77			0	0	0	0	21	
H 080523	PL.19143	A	Consumer	7.59Y	126.5	0.00	-0.51	0.35	0	2	2	71	0.00	0.0	4.297	0.000	2	2	1	1 H
H PL.8354	PL.19143	A	1/0CU	7.59Y	126.5	-0.00	-0.51	0.01	0	0	0	100	0.00	0.0	4.319	0.022	0	0	0	1 H
		B		7.44Y	124.0	0.00	2.02	3.77	1	21	18	77			0	0	0	0	9	
		C		7.45Y	124.2	0.00	1.84	7.79	3	44	37	77			0	0	0	0	21	
H PL.26797	PL.8354	A	1/0CU	7.59Y	126.5	-0.00	-0.51	0.01	0	0	0	100	0.00	0.0	4.384	0.065	0	0	0	1 H
		B		7.44Y	124.0	0.01	2.03	3.77	1	21	18	77			0	0	0	0	9	
		C		7.45Y	124.1	0.01	1.85	7.79	3	44	37	77			0	0	0	0	21	
H PD.2023	PL.26797	A	fuse6AMP	7.59Y	126.5	0.00	-0.51	0.01	0	0	0	100	0.00	0.0	4.384	0.000	0	0	0	1 H
		B		7.44Y	124.0	0.00	2.03	3.77	64	21	18	77			0	0	0	0	9	
C		C		7.45Y	124.1	0.00	1.85	7.79	133	44	37	77			0	0	0	0	21 C	
H PL.19847	PD.2023	A	1/0CU	7.59Y	126.5	-0.00	-0.51	0.01	0	0	0	100	0.00	0.0	4.408	0.023	0	0	0	1 H
		B		7.44Y	124.0	0.00	2.03	3.77	1	21	18	77			0	0	0	0	9	
		C		7.45Y	124.1	0.00	1.85	7.79	3	44	37	77			0	0	0	0	21	

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
080513	PL.19847	B	Consumer	7.44Y	124.0	0.00	2.03	0.43	0	2	2	71	0.00	0.0	4.408	0.000	2	2	1	1
080527	PL.19847	C	Consumer	7.45Y	124.1	0.00	1.85	0.37	0	2	2	71	0.00	0.0	4.408	0.000	2	2	1	1
H PL.19846	PL.19847	A	1/0CU	7.59Y	126.5	-0.00	-0.52	0.01	0	0	0	100	0.00	0.0	4.438	0.030	0	0	0	1 H
		B		7.44Y	124.0	0.00	2.03	3.33	1	19	16	77					0	0	0	8
		C		7.45Y	124.1	0.00	1.86	7.43	3	42	36	77					0	0	0	20
H PL.8355	PL.19846	A	1/0CU	7.59Y	126.5	-0.00	-0.52	0.01	0	0	0	100	0.00	0.0	4.439	0.001	0	0	0	1 H
		B		7.44Y	124.0	0.00	2.03	3.33	1	19	16	77					0	0	0	8
		C		7.45Y	124.1	0.00	1.86	7.43	3	42	36	77					0	0	0	20
H PL.23817	PL.8355	A	1/0CU	7.59Y	126.5	0.00	-0.52	0.00	0	0	0	100	0.00	0.0	4.439	0.000	0	0	0	0 H
		B		7.44Y	124.0	0.00	2.03	0.00	0	0	0	100					0	0	0	0
		C		7.45Y	124.1	0.00	1.86	0.00	0	0	0	100					0	0	0	0
H PL.20687	PL.8355	A	1/0CU	7.59Y	126.5	-0.01	-0.52	0.01	0	0	0	100	0.01	0.0	4.580	0.142	0	0	0	1 H
		B		7.44Y	124.0	0.01	2.04	3.33	1	19	16	77					0	0	0	8
		C		7.45Y	124.1	0.02	1.88	7.43	3	42	36	77					0	0	0	20
H PL.20686	PL.20687	A	1/0CU	7.59Y	126.5	-0.01	-0.53	0.01	0	0	0	100	0.01	0.0	4.700	0.119	0	0	0	1 H
		B		7.44Y	124.0	0.01	2.05	2.82	1	16	13	77					0	0	0	7
		C		7.45Y	124.1	0.02	1.90	7.43	3	42	36	77					0	0	0	20
H PL.23818	PL.20686	A	4ACSR	7.59Y	126.5	0.00	-0.53	0.01	0	0	0	100	0.00	0.0	4.770	0.070	0	0	0	1 H
H 029511	PL.23818	A	Consumer	7.59Y	126.5	0.00	-0.53	0.01	0	0	0	100	0.00	0.0	4.770	0.000	0	0	1	1 H
H PL.14878	PL.20686	A	1/0CU	7.59Y	126.5	-0.01	-0.54	0.00	0	0	0	100	0.01	0.0	4.848	0.148	0	0	0	0 H
		B		7.44Y	123.9	0.01	2.06	2.82	1	16	13	77					0	0	0	7
		C		7.44Y	124.1	0.02	1.92	7.43	3	42	36	77					0	0	0	20
PL.20232	PL.14878	B	4ACSR	7.44Y	123.9	0.00	2.06	0.33	0	2	2	71	0.00	0.0	4.857	0.009	0	0	0	1
PD.1116	PL.20232	B	fuse6AMP	7.44Y	123.9	0.00	2.06	0.33	6	2	2	71	0.00	0.0	4.857	0.000	0	0	0	1
PL.20233	PD.1116	B	4ACSR	7.44Y	123.9	0.00	2.06	0.33	0	2	2	71	0.00	0.0	4.951	0.094	0	0	0	1
029507	PL.20233	B	Consumer	7.44Y	123.9	0.00	2.06	0.33	0	2	2	71	0.00	0.0	4.951	0.000	2	2	1	1
H PL.14877	PL.14878	A	1/0CU	7.59Y	126.5	-0.00	-0.54	0.00	0	0	0	100	0.00	0.0	4.880	0.031	0	0	0	0 H
		B		7.44Y	123.9	0.00	2.06	2.49	1	14	12	77					0	0	0	6
		C		7.44Y	124.1	0.00	1.92	7.43	3	42	36	77					0	0	0	20
H PL.26587	PL.14877	A	1/0CU	7.59Y	126.5	-0.00	-0.54	0.00	0	0	0	100	0.00	0.0	4.881	0.002	0	0	0	0 H
		B		7.44Y	123.9	0.00	2.06	2.49	1	14	12	77					0	0	0	6
		C		7.44Y	124.1	0.00	1.92	7.43	3	42	36	77					0	0	0	20
H PL.26586	PL.26587	A	1/0CU	7.59Y	126.5	-0.00	-0.54	0.00	0	0	0	100	0.00	0.0	4.968	0.087	0	0	0	0 H
		B		7.44Y	123.9	0.00	2.06	2.49	1	14	12	77					0	0	0	6
		C		7.44Y	124.1	0.00	1.93	2.36	1	13	11	77					0	0	0	5
H PL.14883	PL.26586	A	1/0CU	7.59Y	126.5	-0.01	-0.55	0.00	0	0	0	100	0.00	0.0	5.449	0.481	0	0	0	0 H
		B		7.43Y	123.9	0.03	2.09	2.45	1	14	12	77					0	0	0	5
		C		7.44Y	124.1	0.02	1.94	2.36	1	13	11	77					0	0	0	5
H PL.14884	PL.14883	A	1/0CU	7.59Y	126.5	-0.00	-0.55	0.00	0	0	0	100	0.00	0.0	5.511	0.062	0	0	0	0 H
		B		7.43Y	123.9	0.00	2.09	2.10	1	12	10	77					0	0	0	4
		C		7.44Y	124.1	0.00	1.95	2.36	1	13	11	77					0	0	0	5
PL.45652	PL.14884	B	4ACSR	7.43Y	123.9	0.00	2.09	0.63	1	4	3	80	0.00	0.0	5.578	0.067	0	0	0	1
PL.45651	PL.45652	B	4ACSR	7.43Y	123.9	0.00	2.10	0.63	1	4	3	80	0.00	0.0	5.626	0.048	0	0	0	1
028529	PL.45651	B	Consumer	7.43Y	123.9	0.00	2.10	0.63	0	4	3	80	0.00	0.0	5.626	0.000	4	3	1	1
PL.45650	PL.45652	B	4ACSR	7.43Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	5.618	0.040	0	0	0	0
0285033	PL.45650	B	Consumer	7.43Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	5.618	0.000	0	0	0	0
H PL.19493	PL.14884	A	1/0CU	7.59Y	126.6	-0.00	-0.55	0.00	0	0	0	100	0.00	0.0	5.551	0.041	0	0	0	0 H
		B		7.43Y	123.9	0.00	2.09	1.48	1	8	7	77					0	0	0	3
		C		7.44Y	124.1	0.00	1.95	2.36	1	13	11	77					0	0	0	5
028503	PL.19493	B	Consumer	7.43Y	123.9	0.00	2.09	0.20	0	1	1	71	0.00	0.0	5.551	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Detail

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

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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						
H PL.20251	PL.19493	A	1/0CU	7.59Y	126.6	-0.00	-0.55	0.00	0	0	0	100	0.00	0.0	5.685	0.134	0	0	0	0	H	
		B		7.43Y	123.9	0.00	2.10	1.28	0	7	6	77					0	0	0	0	2	
		C		7.44Y	124.0	0.01	1.95	2.36	1	13	11	77					0	0	0	0	5	
H PD.233-A	PL.20251	A	Closed	7.59Y	126.6	0.00	-0.55	0.00	0	0	0	100	0.00	0.0	5.685	0.000	0	0	0	0	0	H
		B		7.43Y	123.9	0.00	2.10	1.28	0	7	6	77					0	0	0	0	2	
		C		7.44Y	124.0	0.00	1.95	2.36	0	13	11	77					0	0	0	0	5	
H PD.233-B	PD.233-A	A	Closed	7.59Y	126.6	0.00	-0.55	0.00	0	0	0	100	0.00	0.0	5.685	0.000	0	0	0	0	0	H
		B		7.43Y	123.9	0.00	2.10	1.28	0	7	6	77					0	0	0	0	2	
		C		7.44Y	124.0	0.00	1.95	2.36	0	13	11	77					0	0	0	0	5	
H PL.20250	PD.233-B	A	1/0CU	7.59Y	126.6	-0.00	-0.55	0.00	0	0	0	100	0.00	0.0	5.723	0.038	0	0	0	0	0	H
		B		7.43Y	123.9	0.00	2.10	1.28	0	7	6	77					0	0	0	0	2	
		C		7.44Y	124.0	0.00	1.96	2.36	1	13	11	77					0	0	0	0	5	
PL.2003	PL.20250	B	4ACSR	7.43Y	123.9	0.00	2.10	1.28	1	7	6	76	0.00	0.0	5.806	0.082	0	0	0	0	2	
028530	PL.2003	B	Consumer	7.43Y	123.9	0.00	2.10	0.47	0	3	2	83	0.00	0.0	5.806	0.000	3	2	1	1		
0285032	PL.2003	B	Consumer	7.43Y	123.9	0.00	2.10	0.81	0	5	4	78	0.00	0.0	5.806	0.000	5	4	1	1		
H PL.14885	PL.20250	A	1/0CU	7.59Y	126.6	-0.00	-0.55	0.00	0	0	0	100	0.00	0.0	5.792	0.069	0	0	0	0	0	H
		B		7.43Y	123.9	-0.00	2.10	0.00	0	0	0	100					0	0	0	0	0	
		C		7.44Y	124.0	0.00	1.96	2.36	1	13	11	77					0	0	0	0	5	
H PL.15034	PL.14885	A	1/0CU	7.59Y	126.6	-0.00	-0.56	0.00	0	0	0	100	0.00	0.0	5.950	0.158	0	0	0	0	0	H
		B		7.43Y	123.9	-0.00	2.10	0.00	0	0	0	100					0	0	0	0	0	
		C		7.44Y	124.0	0.00	1.96	1.13	0	6	5	77					0	0	0	0	3	
H PL.14886	PL.15034	A	1/0CU	7.59Y	126.6	-0.00	-0.56	0.00	0	0	0	100	0.00	0.0	6.170	0.220	0	0	0	0	0	H
		B		7.43Y	123.9	-0.00	2.10	0.00	0	0	0	100					0	0	0	0	0	
		C		7.44Y	124.0	0.00	1.97	0.42	0	2	2	77					0	0	0	0	1	
H PL.14953	PL.14886	A	1/0CU	7.59Y	126.6	-0.00	-0.56	0.00	0	0	0	100	0.00	0.0	6.218	0.048	0	0	0	0	0	H
		B		7.43Y	123.9	-0.00	2.10	0.00	0	0	0	100					0	0	0	0	0	
		C		7.44Y	124.0	0.00	1.97	0.42	0	2	2	77					0	0	0	0	1	
H PL.45991	PL.14953	A	1/0CU	7.59Y	126.6	0.00	-0.56	0.00	0	0	0	100	0.00	0.0	6.249	0.031	0	0	0	0	0	H
		B		7.43Y	123.9	0.00	2.10	0.00	0	0	0	100					0	0	0	0	0	
		C		7.44Y	124.0	0.00	1.97	0.00	0	0	0	100					0	0	0	0	0	
H PL.45990	PL.45991	A	1/0CU	7.59Y	126.6	0.00	-0.56	0.00	0	0	0	100	0.00	0.0	6.254	0.005	0	0	0	0	0	H
		B		7.43Y	123.9	0.00	2.10	0.00	0	0	0	100					0	0	0	0	0	
		C		7.44Y	124.0	0.00	1.97	0.00	0	0	0	100					0	0	0	0	0	
H PL.26326	PL.45990	A	1/0CU	7.59Y	126.6	0.00	-0.56	0.00	0	0	0	100	0.00	0.0	6.261	0.006	0	0	0	0	0	H
		B		7.43Y	123.9	0.00	2.10	0.00	0	0	0	100					0	0	0	0	0	
		C		7.44Y	124.0	0.00	1.97	0.00	0	0	0	100					0	0	0	0	0	
H PD.232-B	PL.26326	A	Open	7.59Y	126.6	0.00	-0.56	0.00	0	0	0	100	0.00	0.0	6.261	0.000	0	0	0	0	0	H
		B		7.43Y	123.9	0.00	2.10	0.00	0	0	0	100					0	0	0	0	0	
		C		7.44Y	124.0	0.00	1.97	0.00	0	0	0	100					0	0	0	0	0	
H PL.45989	PL.45991	A	2ACSR	7.59Y	126.6	0.00	-0.56	0.00	0	0	0	100	0.00	0.0	6.286	0.037	0	0	0	0	0	H
H 0275005	PL.45989	A	Consumer	7.59Y	126.6	0.00	-0.56	0.00	0	0	0	100	0.00	0.0	6.286	0.000	0	0	0	0	0	H
027502	PL.14953	C	Consumer	7.44Y	124.0	0.00	1.97	0.42	0	2	2	71	0.00	0.0	6.218	0.000	2	2	1	1		
PL.21698	PL.15034	C	4ACSR	7.44Y	124.0	0.00	1.96	0.70	1	4	3	80	0.00	0.0	5.960	0.010	0	0	0	0	2	
PD.3086	PL.21698	C	fuse6AMP	7.44Y	124.0	0.00	1.96	0.70	12	4	3	80	0.00	0.0	5.960	0.000	0	0	0	0	2	
PL.21699	PD.3086	C	4ACSR	7.44Y	124.0	0.00	1.97	0.70	1	4	3	80	0.00	0.0	6.027	0.067	0	0	0	0	2	
028527	PL.21699	C	Consumer	7.44Y	124.0	0.00	1.97	0.15	0	1	1	71	0.00	0.0	6.027	0.000	1	1	1	1		
028501	PL.21699	C	Consumer	7.44Y	124.0	0.00	1.97	0.56	0	3	3	71	0.00	0.0	6.027	0.000	3	3	1	1		
PL.19393	PL.14885	C	4ACSR	7.44Y	124.0	0.00	1.96	1.23	1	7	6	76	0.00	0.0	5.827	0.034	0	0	0	0	2	
PD.1118	PL.19393	C	fuse6AMP	7.44Y	124.0	0.00	1.96	1.23	21	7	6	76	0.00	0.0	5.827	0.000	0	0	0	0	2	
PL.19394	PD.1118	C	4ACSR	7.44Y	124.0	0.00	1.96	1.23	1	7	6	76	0.00	0.0	5.874	0.048	0	0	0	0	2	

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

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	7.44Y	124.0	0.01	1.97	1.23	1	7	6	76	0.00	0.0	5.995	0.121	0	0	0	2
028504	PL.23822	C	Consumer	7.44Y	124.0	0.00	1.97	0.50	0	3	2	83	0.00	0.0	5.995	0.000	3	2	1	1
028506	PL.23822	C	Consumer	7.44Y	124.0	0.00	1.97	0.74	0	4	4	71	0.00	0.0	5.995	0.000	4	4	1	1
028508	PL.14883	B	Consumer	7.43Y	123.9	0.00	2.09	0.35	0	2	2	71	0.00	0.0	5.449	0.000	2	2	1	1
028502	PL.26586	B	Consumer	7.44Y	123.9	0.00	2.06	0.04	0	0	0	100	0.00	0.0	4.968	0.000	0	0	1	1
PL.39253	PL.26587	C	4ACSR	7.44Y	124.1	0.00	1.93	5.06	4	29	24	77	0.00	0.0	4.891	0.010	0	0	0	15
PD.6891	PL.39253	C	25L	7.44Y	124.1	0.00	1.93	5.06	20	29	24	77	0.00	0.0	4.891	0.000	0	0	0	15
PL.39254	PD.6891	C	4ACSR	7.44Y	124.1	0.00	1.93	5.06	4	29	24	77	0.00	0.0	4.902	0.011	0	0	0	15
PL.18779	PL.39254	C	4ACSR	7.44Y	124.1	0.01	1.94	5.06	4	29	24	77	0.00	0.0	4.944	0.042	0	0	0	15
PL.23819	PL.18779	C	4ACSR	7.44Y	124.1	0.00	1.94	0.61	1	3	3	71	0.00	0.0	5.083	0.138	0	0	0	1
029504	PL.23819	C	Consumer	7.44Y	124.1	0.00	1.94	0.61	0	3	3	71	0.00	0.0	5.083	0.000	3	3	1	1
PL.27703	PL.18779	C	4ACSR	7.44Y	124.0	0.02	1.96	4.05	3	23	19	77	0.00	0.0	5.046	0.102	0	0	0	13
PD.234-A	PL.27703	C	Closed	7.44Y	124.0	0.00	1.96	4.05	0	23	19	77	0.00	0.0	5.046	0.000	0	0	0	13
PD.234-B	PD.234-A	C	Closed	7.44Y	124.0	0.00	1.96	4.05	0	23	19	77	0.00	0.0	5.046	0.000	0	0	0	13
PL.27704	PD.234-B	C	4ACSR	7.44Y	124.0	0.02	1.98	4.05	3	23	19	77	0.00	0.0	5.145	0.098	0	0	0	13
PD.3778	PL.27704	C	fuse6AMP	7.44Y	124.0	0.00	1.98	4.05	69	23	19	77	0.00	0.0	5.145	0.000	0	0	0	13
PL.14879	PD.3778	C	4ACSR	7.44Y	124.0	0.03	2.01	3.93	3	22	19	76	0.01	0.0	5.333	0.188	0	0	0	12
PL.30855	PL.14879	C	4ACSR	7.44Y	124.0	0.00	2.01	0.18	0	1	1	71	0.00	0.0	5.334	0.001	0	0	0	1
PD.3779	PL.30855	C	fuse6AMP	7.44Y	124.0	0.00	2.01	0.18	3	1	1	71	0.00	0.0	5.334	0.000	0	0	0	1
PL.30856	PD.3779	C	4ACSR	7.44Y	124.0	0.00	2.01	0.18	0	1	1	71	0.00	0.0	5.361	0.027	0	0	0	1
028524	PL.30856	C	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	5.361	0.000	0	0	0	0
028525	PL.30856	C	Consumer	7.44Y	124.0	0.00	2.01	0.18	0	1	1	71	0.00	0.0	5.361	0.000	1	1	1	1
PL.14880	PL.14879	C	4ACSR	7.44Y	124.0	0.01	2.02	3.75	3	21	18	76	0.00	0.0	5.411	0.078	0	0	0	11
PL.30863	PL.14880	C	4ACSR	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	5.411	0.000	0	0	0	0
PD.3780	PL.30863	C	fuse6AMP	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	5.411	0.000	0	0	0	0
PL.30864	PD.3780	C	4ACSR	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	5.461	0.049	0	0	0	0
PL.19336	PL.14880	C	4ACSR	7.44Y	124.0	0.01	2.03	3.17	3	18	15	77	0.00	0.0	5.480	0.069	0	0	0	10
PL.19337	PL.19336	C	4ACSR	7.44Y	124.0	0.00	2.04	2.03	2	12	10	77	0.00	0.0	5.523	0.044	0	0	0	8
028518	PL.19337	C	Consumer	7.44Y	124.0	0.00	2.04	0.46	0	3	2	83	0.00	0.0	5.523	0.000	3	2	1	1
PL.5795	PL.19337	C	4ACSR	7.44Y	124.0	0.01	2.04	1.57	1	9	8	75	0.00	0.0	5.600	0.077	0	0	0	7
PL.14881	PL.5795	C	4ACSR	7.44Y	124.0	0.00	2.04	1.24	1	7	6	76	0.00	0.0	5.640	0.040	0	0	0	6
028514	PL.14881	C	Consumer	7.44Y	124.0	0.00	2.04	0.34	0	2	2	71	0.00	0.0	5.640	0.000	2	2	1	1
PL.14882	PL.14881	C	4ACSR	7.44Y	124.0	0.00	2.05	0.81	1	5	4	78	0.00	0.0	5.696	0.055	0	0	0	3
PL.27819	PL.14882	C	4ACSR	7.44Y	123.9	0.00	2.05	0.81	1	5	4	78	0.00	0.0	5.800	0.104	0	0	0	3
PL.27820	PL.27819	C	4ACSR	7.44Y	123.9	0.00	2.05	0.64	1	4	3	80	0.00	0.0	5.910	0.110	0	0	0	2
PL.8572	PL.27820	C	4ACSR	7.44Y	123.9	0.00	2.06	0.64	1	4	3	80	0.00	0.0	6.030	0.120	0	0	0	2
PL.19577	PL.8572	C	4ACSR	7.44Y	123.9	0.00	2.06	0.64	1	4	3	80	0.00	0.0	6.078	0.048	0	0	0	2
PL.19578	PL.19577	C	4ACSR	7.44Y	123.9	0.00	2.06	0.37	0	2	2	71	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\SUMMER\PROPOSED SUMMER 06-10 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
028602	PL.19578	C	Consumer	7.44Y	123.9	0.00	2.06	0.00	0	0	0	100	0.00	0.0	6.141	0.000	0	0	0	0
028601	PL.19578	C	Consumer	7.44Y	123.9	0.00	2.06	0.37	0	2	2	71	0.00	0.0	6.141	0.000	2	2	1	1
PL.40280	PL.19577	C	2ACSR	7.44Y	123.9	0.00	2.06	0.27	0	2	1	89	0.00	0.0	6.085	0.006	0	0	0	1
PD.7133	PL.40280	C	fuse6AMP	7.44Y	123.9	0.00	2.06	0.27	5	2	1	89	0.00	0.0	6.085	0.000	0	0	0	1
PL.40281	PD.7133	C	2ACSR	7.44Y	123.9	0.00	2.06	0.27	0	2	1	89	0.00	0.0	6.120	0.035	0	0	0	1
0286006	PL.40281	C	Consumer	7.44Y	123.9	0.00	2.06	0.27	0	2	1	89	0.00	0.0	6.120	0.000	2	1	1	1
028512	PL.27819	C	Consumer	7.44Y	123.9	0.00	2.05	0.17	0	1	1	71	0.00	0.0	5.800	0.000	1	1	1	1
PL.20705	PL.14881	C	4ACSR	7.44Y	124.0	0.00	2.04	0.09	0	1	0	100	0.00	0.0	5.665	0.024	0	0	0	2
PD.3085	PL.20705	C	fuse6AMP	7.44Y	124.0	0.00	2.04	0.09	2	1	0	100	0.00	0.0	5.665	0.000	0	0	0	2
PL.20706	PD.3085	C	4ACSR	7.44Y	124.0	0.00	2.04	0.09	0	1	0	100	0.00	0.0	5.692	0.027	0	0	0	2
PL.8576	PL.20706	C	4ACSR	7.44Y	124.0	0.00	2.05	0.09	0	1	0	100	0.00	0.0	5.761	0.069	0	0	0	2
PL.1493	PL.8576	C	4ACSR	7.44Y	124.0	0.00	2.05	0.09	0	1	0	100	0.00	0.0	5.781	0.020	0	0	0	2
PL.1982	PL.1493	C	4ACSR	7.44Y	124.0	0.00	2.05	0.09	0	1	0	100	0.00	0.0	5.909	0.128	0	0	0	2
PL.1983	PL.1982	C	4ACSR	7.44Y	124.0	0.00	2.05	0.09	0	1	0	100	0.00	0.0	6.017	0.108	0	0	0	2
028605	PL.1983	C	Consumer	7.44Y	124.0	0.00	2.05	0.00	0	0	0	100	0.00	0.0	6.017	0.000	0	0	1	1
028604	PL.1983	C	Consumer	7.44Y	124.0	0.00	2.05	0.09	0	0	0	100	0.00	0.0	6.017	0.000	0	0	1	1
028517	PL.5795	C	Consumer	7.44Y	124.0	0.00	2.04	0.33	0	2	2	71	0.00	0.0	5.600	0.000	2	2	1	1
028526	PL.19336	C	Consumer	7.44Y	124.0	0.00	2.03	0.78	0	4	4	71	0.00	0.0	5.480	0.000	4	4	1	1
028511	PL.19336	C	Consumer	7.44Y	124.0	0.00	2.03	0.36	0	2	2	71	0.00	0.0	5.480	0.000	2	2	1	1
028528	PL.14880	C	Consumer	7.44Y	124.0	0.00	2.02	0.57	0	3	3	71	0.00	0.0	5.411	0.000	3	3	1	1
PL.23820	PD.3778	C	4ACSR	7.44Y	124.0	0.00	1.98	0.12	0	1	1	71	0.00	0.0	5.208	0.064	0	0	0	1
029514	PL.23820	C	Consumer	7.44Y	124.0	0.00	1.98	0.12	0	1	1	71	0.00	0.0	5.208	0.000	1	1	1	1
029509	PL.18779	C	Consumer	7.44Y	124.1	0.00	1.94	0.41	0	2	2	71	0.00	0.0	4.944	0.000	2	2	1	1
029505	PL.20687	B	Consumer	7.44Y	124.0	0.00	2.04	0.52	0	3	2	83	0.00	0.0	4.580	0.000	3	2	1	1
080514	PL.19846	B	Consumer	7.44Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	4.438	0.000	0	0	0	0
080517	PL.19144	B	Consumer	7.44Y	124.0	0.00	2.01	0.12	0	1	1	71	0.00	0.0	4.215	0.000	1	1	1	1
PL.26798	PL.14876	C	4ACSR	7.45Y	124.2	0.00	1.82	0.21	0	1	1	71	0.00	0.0	4.207	0.021	0	0	0	1
PD.2022	PL.26798	C	fuse6AMP	7.45Y	124.2	0.00	1.82	0.21	4	1	1	71	0.00	0.0	4.207	0.000	0	0	0	1
PL.26799	PD.2022	C	4ACSR	7.45Y	124.2	0.00	1.82	0.21	0	1	1	71	0.00	0.0	4.280	0.074	0	0	0	1
080521	PL.26799	C	Consumer	7.45Y	124.2	0.00	1.82	0.21	0	1	1	71	0.00	0.0	4.280	0.000	1	1	1	1
PL.27614	PL.15028	C	4ACSR	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	3.948	0.021	0	0	0	0
PD.2020	PL.27614	C	fuse6AMP	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	3.948	0.000	0	0	0	0
PL.27615	PD.2020	C	4ACSR	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	4.128	0.180	0	0	0	0
PL.26800	PL.15028	C	4ACSR	7.45Y	124.2	0.00	1.77	0.08	0	0	0	100	0.00	0.0	3.953	0.027	0	0	0	1
PD.2019	PL.26800	C	fuse6AMP	7.45Y	124.2	0.00	1.77	0.08	1	0	0	100	0.00	0.0	3.953	0.000	0	0	0	1
PL.26801	PD.2019	C	4ACSR	7.45Y	124.2	0.00	1.77	0.08	0	0	0	100	0.00	0.0	4.052	0.099	0	0	0	1
080520	PL.26801	C	Consumer	7.45Y	124.2	0.00	1.77	0.08	0	0	0	100	0.00	0.0	4.052	0.000	0	0	1	1
081513	PL.7640	C	Consumer	7.46Y	124.3	0.00	1.70	0.44	0	3	2	83	0.00	0.0	3.670	0.000	3	2	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.44Y	124.0	0.02	1.98	15.07	13	86	72	77	0.01	0.0	3.517	0.026	0	0	0	48
PD.577-A	PL.15026	B	Closed	7.44Y	124.0	0.00	1.98	15.07	0	86	72	77	0.00	0.0	3.517	0.000	0	0	0	48
PD.577-B	PD.577-A	B	Closed	7.44Y	124.0	0.00	1.98	15.07	0	86	72	77	0.00	0.0	3.517	0.000	0	0	0	48
PL.15027	PD.577-B	B	4ACSR	7.44Y	124.0	0.04	2.02	15.07	13	86	72	77	0.03	0.0	3.580	0.063	0	0	0	48
PL.30895	PL.15027	B	4ACSR	7.44Y	124.0	0.01	2.03	14.29	12	82	68	77	0.01	0.0	3.594	0.013	0	0	0	44
C PD.3803	PL.30895	B	fuse6AMP	7.44Y	124.0	0.00	2.03	14.29	244	82	68	77	0.00	0.0	3.594	0.000	0	0	0	44 C
PL.30897	PD.3803	B	4ACSR	7.44Y	123.9	0.05	2.08	14.29	12	82	68	77	0.04	0.0	3.669	0.075	0	0	0	44
C PD.3804	PL.30897	B	fuse6AMP	7.44Y	123.9	0.00	2.08	14.29	244	82	68	77	0.00	0.0	3.669	0.000	0	0	0	44 C
PL.30898	PD.3804	B	4ACSR	7.44Y	123.9	0.00	2.08	14.29	12	82	68	77	0.00	0.0	3.670	0.001	0	0	0	44
PL.5201	PL.30898	B	4ACSR	7.44Y	123.9	0.00	2.08	0.27	0	2	1	89	0.00	0.0	3.725	0.055	0	0	0	2
081411	PL.5201	B	Consumer	7.44Y	123.9	0.00	2.08	0.01	0	0	0	100	0.00	0.0	3.725	0.000	0	0	1	1
081425	PL.5201	B	Consumer	7.44Y	123.9	0.00	2.08	0.26	0	2	1	89	0.00	0.0	3.725	0.000	2	1	1	1
PL.17474	PL.30898	B	4ACSR	7.43Y	123.8	0.07	2.15	14.03	12	80	67	77	0.05	0.1	3.785	0.116	0	0	0	42
081409	PL.17474	B	Consumer	7.43Y	123.8	0.00	2.15	0.00	0	0	0	100	0.00	0.0	3.785	0.000	0	0	0	0
081424	PL.17474	B	Consumer	7.43Y	123.8	0.00	2.15	0.27	0	2	1	89	0.00	0.0	3.785	0.000	2	1	1	1
081421	PL.17474	B	Consumer	7.43Y	123.8	0.00	2.15	0.00	0	0	0	100	0.00	0.0	3.785	0.000	0	0	0	0
081418	PL.17474	B	Consumer	7.43Y	123.8	0.00	2.15	0.30	0	2	1	89	0.00	0.0	3.785	0.000	2	1	1	1
PL.20216	PL.17474	B	4ACSR	7.43Y	123.8	0.00	2.16	13.45	11	77	64	77	0.00	0.0	3.791	0.005	0	0	0	40
PD.3452	PL.20216	B	35V4E	7.43Y	123.8	0.00	2.16	13.45	38	77	64	77	0.00	0.0	3.791	0.000	0	0	0	40
PL.20217	PD.3452	B	4ACSR	7.43Y	123.8	0.06	2.22	13.45	11	77	64	77	0.04	0.1	3.887	0.096	0	0	0	40
PL.19944	PL.20217	B	4ACSR	7.42Y	123.7	0.07	2.29	13.38	11	76	64	76	0.05	0.1	3.999	0.112	0	0	0	39
PL.14572	PL.19944	B	4ACSR	7.41Y	123.6	0.14	2.42	13.38	11	76	64	76	0.10	0.1	4.223	0.224	0	0	0	39
PL.14573	PL.14572	B	4ACSR	7.41Y	123.5	0.10	2.52	12.62	11	72	60	77	0.07	0.1	4.395	0.172	0	0	0	35
080405	PL.14573	B	Consumer	7.41Y	123.5	0.00	2.52	0.08	0	0	0	100	0.00	0.0	4.395	0.000	0	0	1	1
PL.7642	PL.14573	B	4ACSR	7.41Y	123.4	0.05	2.57	12.54	11	71	60	76	0.03	0.0	4.478	0.084	0	0	0	34
PL.7641	PL.7642	B	4ACSR	7.40Y	123.4	0.03	2.60	12.54	11	71	60	76	0.02	0.0	4.527	0.048	0	0	0	34
PL.18710	PL.7641	B	4ACSR	7.40Y	123.4	0.04	2.64	10.35	9	59	49	77	0.02	0.0	4.621	0.094	0	0	0	29
PL.19665	PL.18710	B	4ACSR	7.40Y	123.3	0.01	2.66	9.65	8	55	46	77	0.01	0.0	4.650	0.029	0	0	0	27
PL.19666	PL.19665	B	4ACSR	7.40Y	123.3	0.01	2.66	9.65	8	55	46	77	0.00	0.0	4.667	0.017	0	0	0	27
PL.15368	PL.19666	B	4ACSR	7.40Y	123.3	0.01	2.67	8.91	7	50	42	77	0.00	0.0	4.687	0.020	0	0	0	26
PL.30903	PL.15368	B	4ACSR	7.40Y	123.3	0.00	2.67	0.42	0	2	2	71	0.00	0.0	4.700	0.013	0	0	0	1
PD.3808	PL.30903	B	fuse6AMP	7.40Y	123.3	0.00	2.67	0.42	7	2	2	71	0.00	0.0	4.700	0.000	0	0	0	1
PL.30904	PD.3808	B	4ACSR	7.40Y	123.3	0.00	2.67	0.42	0	2	2	71	0.00	0.0	4.744	0.044	0	0	0	1
080428	PL.30904	B	Consumer	7.40Y	123.3	0.00	2.67	0.42	0	2	2	71	0.00	0.0	4.744	0.000	2	2	1	1
PL.42302	PL.15368	B	4ACSR	7.40Y	123.3	0.01	2.69	8.10	7	46	39	76	0.01	0.0	4.726	0.039	0	0	0	23
PD.7683-A	PL.42302	B	Closed	7.40Y	123.3	0.00	2.69	8.10	0	46	39	76	0.00	0.0	4.726	0.000	0	0	0	23
PD.7683-B	PD.7683-A	B	Closed	7.40Y	123.3	0.00	2.69	8.10	0	46	39	76	0.00	0.0	4.726	0.000	0	0	0	23
PL.42303	PD.7683-B	B	4ACSR	7.40Y	123.3	0.01	2.69	8.10	7	46	39	76	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\SUMMER\PROPOSED SUMMER 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	7.40Y	123.3	0.03	2.72	6.98	6	40	33	77	0.01	0.0	4.837	0.092	0	0	0	20
PL.1488	PL.15367	B	4ACSR	7.40Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	4.837	0.000	0	0	0	0
PL.5794	PL.15367	B	4ACSR	7.40Y	123.3	0.01	2.73	6.98	6	40	33	77	0.00	0.0	4.856	0.019	0	0	0	20
PL.15369	PL.5794	B	4ACSR	7.39Y	123.2	0.04	2.77	6.97	6	39	33	76	0.01	0.0	4.980	0.124	0	0	0	19
PL.30871	PL.15369	B	4ACSR	7.39Y	123.2	0.00	2.77	0.82	1	5	4	78	0.00	0.0	4.987	0.008	0	0	0	1
PD.3812	PL.30871	B	fuse6AMP	7.39Y	123.2	0.00	2.77	0.82	14	5	4	78	0.00	0.0	4.987	0.000	0	0	0	1
PL.30872	PD.3812	B	4ACSR	7.39Y	123.2	0.01	2.77	0.82	1	5	4	78	0.00	0.0	5.120	0.133	0	0	0	1
029403	PL.30872	B	Consumer	7.39Y	123.2	0.00	2.77	0.82	0	5	4	78	0.00	0.0	5.120	0.000	5	4	1	1
PL.19030	PL.15369	B	4ACSR	7.39Y	123.2	0.04	2.81	6.15	5	35	29	77	0.01	0.0	5.139	0.159	0	0	0	18
029406	PL.19030	B	Consumer	7.39Y	123.2	0.00	2.81	0.56	0	3	3	71	0.00	0.0	5.139	0.000	3	3	1	1
PL.19250	PL.19030	B	4ACSR	7.39Y	123.2	0.02	2.84	5.59	5	32	27	76	0.01	0.0	5.225	0.086	0	0	0	17
PL.30909	PL.19250	B	4ACSR	7.39Y	123.2	0.00	2.84	0.56	0	3	3	71	0.00	0.0	5.238	0.013	0	0	0	1
PD.3813	PL.30909	B	fuse6AMP	7.39Y	123.2	0.00	2.84	0.56	10	3	3	71	0.00	0.0	5.238	0.000	0	0	0	1
PL.30910	PD.3813	B	4ACSR	7.39Y	123.2	0.00	2.84	0.56	0	3	3	71	0.00	0.0	5.366	0.129	0	0	0	1
PL.1490	PL.30910	B	4ACSR	7.39Y	123.2	0.00	2.84	0.00	0	0	0	100	0.00	0.0	5.626	0.259	0	0	0	0
028420	PL.1490	B	Consumer	7.39Y	123.2	0.00	2.84	0.00	0	0	0	100	0.00	0.0	5.626	0.000	0	0	0	0
028402	PL.1490	B	Consumer	7.39Y	123.2	0.00	2.84	0.00	0	0	0	100	0.00	0.0	5.626	0.000	0	0	0	0
PL.41331	PL.1490	B	2ACSR	7.39Y	123.2	0.00	2.84	0.00	0	0	0	100	0.00	0.0	5.834	0.208	0	0	0	0
0284026	PL.41331	B	Consumer	7.39Y	123.2	0.00	2.84	0.00	0	0	0	100	0.00	0.0	5.834	0.000	0	0	0	0
029405	PL.30910	B	Consumer	7.39Y	123.2	0.00	2.84	0.00	0	0	0	100	0.00	0.0	5.366	0.000	0	0	0	0
029408	PL.30910	B	Consumer	7.39Y	123.2	0.00	2.84	0.56	0	3	3	71	0.00	0.0	5.366	0.000	3	3	1	1
PL.15370	PL.19250	B	4ACSR	7.39Y	123.1	0.04	2.87	5.03	4	28	24	76	0.01	0.0	5.377	0.153	0	0	0	16
PL.90	PL.15370	B	4ACSR	7.39Y	123.1	0.02	2.89	5.03	4	28	24	76	0.00	0.0	5.453	0.076	0	0	0	16
PL.23809	PL.90	B	4ACSR	7.39Y	123.1	0.00	2.89	0.00	0	0	0	100	0.00	0.0	5.457	0.003	0	0	0	0
PL.15371	PL.90	B	4ACSR	7.39Y	123.1	0.03	2.92	4.90	4	28	23	77	0.01	0.0	5.570	0.117	0	0	0	15
PL.15372	PL.15371	B	4ACSR	7.38Y	123.1	0.02	2.94	4.73	4	27	22	78	0.00	0.0	5.663	0.093	0	0	0	14
PL.18333	PL.15372	B	4ACSR	7.38Y	123.1	0.01	2.95	4.32	4	24	21	75	0.00	0.0	5.725	0.061	0	0	0	13
PL.18334	PL.18333	B	4ACSR	7.38Y	123.0	0.01	2.96	3.94	3	22	19	76	0.00	0.0	5.800	0.076	0	0	0	11
PL.18335	PL.18334	B	4ACSR	7.38Y	123.0	0.00	2.96	3.94	3	22	19	76	0.00	0.0	5.806	0.006	0	0	0	11
PD.231-A	PL.18335	B	Closed	7.38Y	123.0	0.00	2.96	3.94	0	22	19	76	0.00	0.0	5.806	0.000	0	0	0	11
PD.231-B	PD.231-A	B	Closed	7.38Y	123.0	0.00	2.96	3.94	0	22	19	76	0.00	0.0	5.806	0.000	0	0	0	11
PL.18336	PD.231-B	B	4ACSR	7.38Y	123.0	0.01	2.97	3.94	3	22	19	76	0.00	0.0	5.835	0.029	0	0	0	11
PL.30913	PL.18336	B	4ACSR	7.38Y	123.0	0.00	2.97	0.39	0	2	2	71	0.00	0.0	5.846	0.011	0	0	0	2
PD.3816	PL.30913	B	fuse6AMP	7.38Y	123.0	0.00	2.97	0.39	7	2	2	71	0.00	0.0	5.846	0.000	0	0	0	2
PL.30914	PD.3816	B	4ACSR	7.38Y	123.0	0.00	2.97	0.39	0	2	2	71	0.00	0.0	5.905	0.059	0	0	0	2
PL.23813	PL.30914	B	4ACSR	7.38Y	123.0	0.00	2.97	0.39	0	2	2	71	0.00	0.0	5.981	0.076	0	0	0	2
028313	PL.23813	B	Consumer	7.38Y	123.0	0.00	2.97	0.01	0	0	0	100	0.00	0.0	5.981	0.000	0	0	1	1
028311	PL.23813	B	Consumer	7.38Y	123.0	0.00	2.97	0.38	0	2	2	71	0.00	0.0	5.981	0.000	2	2	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.38Y	123.0	0.01	2.98	3.55	3	20	17	76	0.00	0.0	5.923	0.088	0	0	0	9
PL.5786	PL.15373	B	4ACSR	7.38Y	123.0	0.02	3.00	2.42	2	14	11	79	0.00	0.0	6.105	0.181	0	0	0	6
028303	PL.5786	B	Consumer	7.38Y	123.0	0.00	3.00	0.54	0	3	3	71	0.00	0.0	6.105	0.000	3	3	1	1
028308	PL.5786	B	Consumer	7.38Y	123.0	0.00	3.00	0.03	0	0	0	100	0.00	0.0	6.105	0.000	0	0	1	1
PL.5788	PL.5786	B	4ACSR	7.38Y	123.0	0.01	3.01	1.85	2	10	9	74	0.00	0.0	6.249	0.145	0	0	0	4
PL.17708	PL.5788	B	4ACSR	7.38Y	123.0	0.02	3.03	1.85	2	10	9	74	0.00	0.0	6.467	0.218	0	0	0	4
PL.19078	PL.17708	B	4ACSR	7.38Y	123.0	0.00	3.04	1.35	1	8	6	80	0.00	0.0	6.519	0.052	0	0	0	3
028312	PL.19078	B	Consumer	7.38Y	123.0	0.00	3.04	0.68	0	4	3	80	0.00	0.0	6.519	0.000	4	3	1	1
PL.19079	PL.19078	B	4ACSR	7.38Y	123.0	0.00	3.04	0.67	1	4	3	80	0.00	0.0	6.555	0.037	0	0	0	2
PL.19080	PL.19079	B	4ACSR	7.38Y	123.0	0.00	3.04	0.49	0	3	2	83	0.00	0.0	6.689	0.134	0	0	0	1
027311	PL.19080	B	Consumer	7.38Y	123.0	0.00	3.04	0.49	0	3	2	83	0.00	0.0	6.689	0.000	3	2	1	1
027318	PL.19080	B	Consumer	7.38Y	123.0	0.00	3.04	0.00	0	0	0	100	0.00	0.0	6.689	0.000	0	0	0	0
027320	PL.19079	B	Consumer	7.38Y	123.0	0.00	3.04	0.18	0	1	1	71	0.00	0.0	6.555	0.000	1	1	1	1
PL.30915	PL.17708	B	4ACSR	7.38Y	123.0	0.00	3.03	0.50	0	3	2	83	0.00	0.0	6.473	0.006	0	0	0	1
PD.3817	PL.30915	B	fuse6AMP	7.38Y	123.0	0.00	3.03	0.50	9	3	2	83	0.00	0.0	6.473	0.000	0	0	0	1
PL.30916	PD.3817	B	4ACSR	7.38Y	123.0	0.00	3.03	0.50	0	3	2	83	0.00	0.0	6.515	0.043	0	0	0	1
028318	PL.30916	B	Consumer	7.38Y	123.0	0.00	3.03	0.50	0	3	2	83	0.00	0.0	6.515	0.000	3	2	1	1
028317	PL.15373	B	Consumer	7.38Y	123.0	0.00	2.98	0.60	0	3	3	71	0.00	0.0	5.923	0.000	3	3	1	1
028304	PL.15373	B	Consumer	7.38Y	123.0	0.00	2.98	0.40	0	2	2	71	0.00	0.0	5.923	0.000	2	2	1	1
028305	PL.15373	B	Consumer	7.38Y	123.0	0.00	2.98	0.13	0	1	1	71	0.00	0.0	5.923	0.000	1	1	1	1
028306	PL.18333	B	Consumer	7.38Y	123.1	0.00	2.95	0.26	0	1	1	71	0.00	0.0	5.725	0.000	1	1	1	1
028316	PL.18333	B	Consumer	7.38Y	123.1	0.00	2.95	0.11	0	1	1	71	0.00	0.0	5.725	0.000	1	1	1	1
028314	PL.15372	B	Consumer	7.38Y	123.1	0.00	2.94	0.41	0	2	2	71	0.00	0.0	5.663	0.000	2	2	1	1
PL.30873	PL.15371	B	4ACSR	7.39Y	123.1	0.00	2.92	0.17	0	1	1	71	0.00	0.0	5.582	0.011	0	0	0	1
PD.3815	PL.30873	B	fuse6AMP	7.39Y	123.1	0.00	2.92	0.17	3	1	1	71	0.00	0.0	5.582	0.000	0	0	0	1
PL.30874	PD.3815	B	4ACSR	7.39Y	123.1	0.00	2.92	0.17	0	1	1	71	0.00	0.0	5.639	0.058	0	0	0	1
028307	PL.30874	B	Consumer	7.39Y	123.1	0.00	2.92	0.17	0	1	1	71	0.00	0.0	5.639	0.000	1	1	1	1
PL.23811	PL.90	B	4ACSR	7.39Y	123.1	0.00	2.89	0.00	0	0	0	100	0.00	0.0	5.456	0.003	0	0	0	0
PL.30911	PL.90	B	4ACSR	7.39Y	123.1	0.00	2.89	0.14	0	1	1	71	0.00	0.0	5.466	0.012	0	0	0	1
PD.3814	PL.30911	B	fuse6AMP	7.39Y	123.1	0.00	2.89	0.14	2	1	1	71	0.00	0.0	5.466	0.000	0	0	0	1
PL.30912	PD.3814	B	4ACSR	7.39Y	123.1	0.00	2.89	0.14	0	1	1	71	0.00	0.0	5.529	0.063	0	0	0	1
028403	PL.30912	B	Consumer	7.39Y	123.1	0.00	2.89	0.14	0	1	1	71	0.00	0.0	5.529	0.000	1	1	1	1
029407	PL.5794	B	Consumer	7.40Y	123.3	0.00	2.73	0.01	0	0	0	100	0.00	0.0	4.856	0.000	0	0	1	1
PL.30907	PL.42303	B	4ACSR	7.40Y	123.3	0.00	2.69	0.57	0	3	3	71	0.00	0.0	4.763	0.018	0	0	0	1
PD.3811	PL.30907	B	fuse6AMP	7.40Y	123.3	0.00	2.69	0.57	10	3	3	71	0.00	0.0	4.763	0.000	0	0	0	1
PL.30908	PD.3811	B	4ACSR	7.40Y	123.3	0.00	2.70	0.57	0	3	3	71	0.00	0.0	4.799	0.037	0	0	0	1
PL.8353	PL.30908	B	4ACSR	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	4.819	0.019	0	0	0	0
080422	PL.30908	B	Consumer	7.40Y	123.3	0.00	2.70	0.57	0	3	3	71	0.00	0.0	4.799	0.000	3	3	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.30905	PL.42303	B	4ACSR	7.40Y	123.3	0.00	2.69	0.55	0	3	3	71	0.00	0.0	4.759	0.014	0	0	0	2
PD.3810	PL.30905	B	fuse6AMP	7.40Y	123.3	0.00	2.69	0.55	9	3	3	71	0.00	0.0	4.759	0.000	0	0	0	2
PL.30906	PD.3810	B	4ACSR	7.40Y	123.3	0.00	2.70	0.55	0	3	3	71	0.00	0.0	4.895	0.136	0	0	0	2
080412	PL.30906	B	Consumer	7.40Y	123.3	0.00	2.70	0.26	0	1	1	71	0.00	0.0	4.895	0.000	1	1	1	1
080423	PL.30906	B	Consumer	7.40Y	123.3	0.00	2.70	0.29	0	2	1	89	0.00	0.0	4.895	0.000	2	1	1	1
080402	PL.15368	B	Consumer	7.40Y	123.3	0.00	2.67	0.26	0	1	1	71	0.00	0.0	4.687	0.000	1	1	1	1
080411	PL.15368	B	Consumer	7.40Y	123.3	0.00	2.67	0.13	0	1	1	71	0.00	0.0	4.687	0.000	1	1	1	1
PL.30869	PL.19666	B	4ACSR	7.40Y	123.3	0.00	2.66	0.75	1	4	4	71	0.00	0.0	4.678	0.011	0	0	0	1
PD.3809	PL.30869	B	fuse6AMP	7.40Y	123.3	0.00	2.66	0.75	13	4	4	71	0.00	0.0	4.678	0.000	0	0	0	1
PL.30870	PD.3809	B	4ACSR	7.40Y	123.3	0.00	2.67	0.75	1	4	4	71	0.00	0.0	4.767	0.089	0	0	0	1
080425	PL.30870	B	Consumer	7.40Y	123.3	0.00	2.67	0.75	0	4	4	71	0.00	0.0	4.767	0.000	4	4	1	1
080416	PL.18710	B	Consumer	7.40Y	123.4	0.00	2.64	0.00	0	0	0	100	0.00	0.0	4.621	0.000	0	0	0	0
080408	PL.18710	B	Consumer	7.40Y	123.4	0.00	2.64	0.35	0	2	2	71	0.00	0.0	4.621	0.000	2	2	1	1
080424	PL.18710	B	Consumer	7.40Y	123.4	0.00	2.64	0.35	0	2	2	71	0.00	0.0	4.621	0.000	2	2	1	1
PL.30901	PL.7641	B	4ACSR	7.40Y	123.4	0.00	2.60	2.19	2	12	10	77	0.00	0.0	4.538	0.011	0	0	0	5
PD.3807	PL.30901	B	fuse6AMP	7.40Y	123.4	0.00	2.60	2.19	37	12	10	77	0.00	0.0	4.538	0.000	0	0	0	5
PL.30902	PD.3807	B	4ACSR	7.40Y	123.4	0.01	2.61	2.19	2	12	10	77	0.00	0.0	4.608	0.070	0	0	0	5
PL.5204	PL.30902	B	4ACSR	7.40Y	123.4	0.00	2.61	0.14	0	1	1	71	0.00	0.0	4.667	0.059	0	0	0	1
PL.5205	PL.5204	B	4ACSR	7.40Y	123.4	0.00	2.61	0.14	0	1	1	71	0.00	0.0	4.724	0.057	0	0	0	1
080409	PL.5205	B	Consumer	7.40Y	123.4	0.00	2.61	0.14	0	1	1	71	0.00	0.0	4.724	0.000	1	1	1	1
080421	PL.30902	B	Consumer	7.40Y	123.4	0.00	2.61	0.50	0	3	2	83	0.00	0.0	4.608	0.000	3	2	1	1
080420	PL.30902	B	Consumer	7.40Y	123.4	0.00	2.61	0.71	0	4	3	80	0.00	0.0	4.608	0.000	4	3	1	1
080418	PL.30902	B	Consumer	7.40Y	123.4	0.00	2.61	0.48	0	3	2	83	0.00	0.0	4.608	0.000	3	2	1	1
080419	PL.30902	B	Consumer	7.40Y	123.4	0.00	2.61	0.37	0	2	2	71	0.00	0.0	4.608	0.000	2	2	1	1
PL.5202	PL.14572	B	4ACSR	7.41Y	123.6	0.00	2.42	0.35	0	2	2	71	0.00	0.0	4.352	0.130	0	0	0	2
081422	PL.5202	B	Consumer	7.41Y	123.6	0.00	2.42	0.31	0	2	1	89	0.00	0.0	4.352	0.000	2	1	1	1
081419	PL.5202	B	Consumer	7.41Y	123.6	0.00	2.42	0.04	0	0	0	100	0.00	0.0	4.352	0.000	0	0	1	1
PL.30899	PL.14572	B	4ACSR	7.41Y	123.6	0.00	2.42	0.42	0	2	2	71	0.00	0.0	4.224	0.002	0	0	0	2
PD.3805	PL.30899	B	fuse6AMP	7.41Y	123.6	0.00	2.42	0.42	7	2	2	71	0.00	0.0	4.224	0.000	0	0	0	2
PL.30900	PD.3805	B	4ACSR	7.41Y	123.6	0.00	2.42	0.42	0	2	2	71	0.00	0.0	4.243	0.019	0	0	0	2
PL.30868	PL.30900	B	4ACSR	7.41Y	123.6	0.00	2.42	0.42	0	2	2	71	0.00	0.0	4.277	0.035	0	0	0	2
PL.21299	PL.30868	B	4ACSR	7.41Y	123.6	0.00	2.42	0.42	0	2	2	71	0.00	0.0	4.311	0.034	0	0	0	2
PL.21226	PL.21299	B	4ACSR	7.41Y	123.6	0.00	2.43	0.20	0	1	1	71	0.00	0.0	4.406	0.095	0	0	0	1
080410	PL.21226	B	Consumer	7.41Y	123.6	0.00	2.43	0.20	0	1	1	71	0.00	0.0	4.406	0.000	1	1	1	1
080426	PL.21299	B	Consumer	7.41Y	123.6	0.00	2.42	0.21	0	1	1	71	0.00	0.0	4.311	0.000	1	1	1	1
PL.21297	PL.30868	B	4ACSR	7.41Y	123.6	0.00	2.42	0.00	0	0	0	100	0.00	0.0	4.342	0.065	0	0	0	0
080407	PL.21297	B	Consumer	7.41Y	123.6	0.00	2.42	0.00	0	0	0	100	0.00	0.0	4.342	0.000	0	0	0	0
081403	PL.20217	B	Consumer	7.43Y	123.8	0.00	2.22	0.07	0	1	0	100	0.00	0.0	3.887	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.44Y	124.0	0.01	2.03	0.75	1	4	4	71	0.00	0.0	3.737	0.157	0	0	0	3
081417	PL.5200	B	Consumer	7.44Y	124.0	0.00	2.03	0.44	0	3	2	83	0.00	0.0	3.737	0.000	3	2	1	1
081406	PL.5200	B	Consumer	7.44Y	124.0	0.00	2.03	0.13	0	1	1	71	0.00	0.0	3.737	0.000	1	1	1	1
081405	PL.5200	B	Consumer	7.44Y	124.0	0.00	2.03	0.18	0	1	1	71	0.00	0.0	3.737	0.000	1	1	1	1
081420	PL.15027	B	Consumer	7.44Y	124.0	0.00	2.02	0.03	0	0	0	100	0.00	0.0	3.580	0.000	0	0	1	1
0824023	PL.19142	B	Consumer	7.48Y	124.7	0.00	1.34	0.08	0	0	0	100	0.00	0.0	1.809	0.000	0	0	1	1
082419	PL.19142	B	Consumer	7.48Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	1.809	0.000	0	0	1	1
082418	PL.19141	B	Consumer	7.48Y	124.7	0.00	1.32	0.59	0	3	3	71	0.00	0.0	1.765	0.000	3	3	1	1
PL.14839	PL.402	A	4ACSR	7.58Y	126.3	-0.00	-0.27	0.00	0	0	0	100	0.01	0.0	1.595	0.010	0	0	0	0
		B		7.48Y	124.7	0.01	1.28	23.54	20	135	113	77					0	0	0	67
		C		7.50Y	124.9	-0.00	1.08	0.00	0	0	0	100					0	0	0	0
PD.575-A	PL.14839	A	Closed	7.58Y	126.3	0.00	-0.27	0.00	0	0	0	100	0.00	0.0	1.595	0.000	0	0	0	0
		B		7.48Y	124.7	0.00	1.28	23.54	0	135	113	77					0	0	0	67
		C		7.50Y	124.9	0.00	1.08	0.00	0	0	0	100					0	0	0	0
PD.575-B	PD.575-A	A	Closed	7.58Y	126.3	0.00	-0.27	0.00	0	0	0	100	0.00	0.0	1.595	0.000	0	0	0	0
		B		7.48Y	124.7	0.00	1.28	23.54	0	135	113	77					0	0	0	67
		C		7.50Y	124.9	0.00	1.08	0.00	0	0	0	100					0	0	0	0
PL.14840	PD.575-B	A	4ACSR	7.58Y	126.3	-0.00	-0.27	0.00	0	0	0	100	0.11	0.1	1.679	0.085	0	0	0	0
		B		7.48Y	124.6	0.09	1.38	23.54	20	135	113	77					0	0	0	67
		C		7.50Y	124.9	-0.02	1.06	0.00	0	0	0	100					0	0	0	0
PL.26487	PL.14840	A	4ACSR	7.58Y	126.3	-0.00	-0.27	0.00	0	0	0	100	0.12	0.1	1.767	0.088	0	0	0	0
		B		7.47Y	124.5	0.10	1.47	23.54	20	135	113	77					0	0	0	67
		C		7.50Y	125.0	-0.02	1.04	0.00	0	0	0	100					0	0	0	0
PL.26488	PL.26487	A	4ACSR	7.58Y	126.3	-0.00	-0.27	0.00	0	0	0	100	0.10	0.1	1.864	0.096	0	0	0	0
		B		7.47Y	124.4	0.09	1.56	21.06	18	121	101	77					0	0	0	61
		C		7.50Y	125.0	-0.02	1.03	0.00	0	0	0	100					0	0	0	0
PL.18467	PL.26488	B	4ACSR	7.47Y	124.4	0.01	1.57	21.06	18	120	101	77	0.01	0.0	1.869	0.005	0	0	0	61
PD.3450	PL.18467	B	0VXE	7.47Y	124.4	0.00	1.57	21.06	0	120	101	77	0.00	0.0	1.869	0.000	0	0	0	61
PL.18468	PD.3450	B	4ACSR	7.46Y	124.4	0.05	1.61	21.06	18	120	101	77	0.05	0.0	1.916	0.047	0	0	0	61
082502	PL.18468	B	Consumer	7.46Y	124.4	0.00	1.61	0.72	0	4	3	80	0.00	0.0	1.916	0.000	4	3	1	1
082557	PL.18468	B	Consumer	7.46Y	124.4	0.00	1.61	0.47	0	3	2	83	0.00	0.0	1.916	0.000	3	2	1	1
PL.8359	PL.18468	B	4ACSR	7.46Y	124.3	0.07	1.68	19.88	17	114	95	77	0.07	0.1	1.989	0.073	0	0	0	59
082559	PL.8359	B	Consumer	7.46Y	124.3	0.00	1.68	0.40	0	2	2	71	0.00	0.0	1.989	0.000	2	2	1	1
PL.26485	PL.8359	B	4ACSR	7.45Y	124.2	0.14	1.82	19.48	16	111	93	77	0.14	0.1	2.144	0.155	0	0	0	58
PL.14841	PL.26485	B	4ACSR	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	2.155	0.011	0	0	0	1
PD.1770	PL.14841	B	fuse6AMP	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	2.155	0.000	0	0	0	1
PL.14842	PD.1770	B	4ACSR	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	2.174	0.019	0	0	0	1
082550	PL.14842	B	Consumer	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	2.174	0.000	0	0	1	1
PL.26486	PL.26485	B	4ACSR	7.45Y	124.1	0.05	1.87	19.48	16	111	93	77	0.05	0.0	2.200	0.056	0	0	0	57
PL.26323	PL.26486	B	4ACSR	7.45Y	124.1	0.02	1.89	19.48	16	111	93	77	0.02	0.0	2.226	0.026	0	0	0	57
PL.16300	PL.26323	B	4ACSR	7.45Y	124.1	0.00	1.90	4.18	4	24	20	77	0.00	0.0	2.236	0.009	0	0	0	9
PD.2013	PL.16300	B	fuse6AMP	7.45Y	124.1	0.00	1.90	4.18	71	24	20	77	0.00	0.0	2.236	0.000	0	0	0	9
PL.19645	PD.2013	B	4ACSR	7.45Y	124.1	0.01	1.90	4.18	4	24	20	77	0.00	0.0	2.274	0.038	0	0	0	9
PL.19646	PL.19645	B	4ACSR	7.45Y	124.1	0.01	1.91	3.69	3	21	18	76	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\SUMMER\PROPOSED SUMMER 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	7.45Y	124.1	0.00	1.92	1.80	2	10	9	74	0.00	0.0	2.380	0.055	0	0	0	3
PL.5189	PL.5188	B	4ACSR	7.44Y	124.1	0.00	1.92	0.71	1	4	3	80	0.00	0.0	2.429	0.050	0	0	0	1
PL.5190	PL.5189	B	4ACSR	7.44Y	124.1	0.00	1.92	0.71	1	4	3	80	0.00	0.0	2.471	0.042	0	0	0	1
PL.5187	PL.5190	B	4ACSR	7.44Y	124.1	0.00	1.92	0.71	1	4	3	80	0.00	0.0	2.621	0.150	0	0	0	1
082540	PL.5187	B	Consumer	7.44Y	124.1	0.00	1.92	0.71	0	4	3	80	0.00	0.0	2.621	0.000	4	3	1	1
082510	PL.5188	B	Consumer	7.45Y	124.1	0.00	1.92	0.36	0	2	2	71	0.00	0.0	2.380	0.000	2	2	1	1
082548	PL.5188	B	Consumer	7.45Y	124.1	0.00	1.92	0.72	0	4	3	80	0.00	0.0	2.380	0.000	4	3	1	1
082531	PL.19646	B	Consumer	7.45Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	2.324	0.000	0	0	1	1
082516	PL.19646	B	Consumer	7.45Y	124.1	0.00	1.91	0.66	0	4	3	80	0.00	0.0	2.324	0.000	4	3	1	1
082532	PL.19646	B	Consumer	7.45Y	124.1	0.00	1.91	0.05	0	0	0	100	0.00	0.0	2.324	0.000	0	0	1	1
082519	PL.19646	B	Consumer	7.45Y	124.1	0.00	1.91	0.90	0	5	4	78	0.00	0.0	2.324	0.000	5	4	1	1
082515	PL.19646	B	Consumer	7.45Y	124.1	0.00	1.91	0.29	0	2	1	89	0.00	0.0	2.324	0.000	2	1	1	1
082543	PL.19645	B	Consumer	7.45Y	124.1	0.00	1.90	0.49	0	3	2	83	0.00	0.0	2.274	0.000	3	2	1	1
PL.26324	PL.26323	B	4ACSR	7.44Y	124.0	0.12	2.01	15.30	13	87	73	77	0.09	0.1	2.391	0.165	0	0	0	48
PL.16303	PL.26324	B	4ACSR	7.44Y	124.0	0.00	2.01	0.78	1	4	4	71	0.00	0.0	2.397	0.005	0	0	0	2
PD.1769	PL.16303	B	fuse6AMP	7.44Y	124.0	0.00	2.01	0.78	13	4	4	71	0.00	0.0	2.397	0.000	0	0	0	2
PL.16304	PD.1769	B	4ACSR	7.44Y	124.0	0.00	2.01	0.78	1	4	4	71	0.00	0.0	2.474	0.077	0	0	0	2
PL.24242	PL.16304	B	4ACSR	7.44Y	124.0	0.00	2.01	0.41	0	2	2	71	0.00	0.0	2.506	0.032	0	0	0	1
082536	PL.24242	B	Consumer	7.44Y	124.0	0.00	2.01	0.41	0	2	2	71	0.00	0.0	2.506	0.000	2	2	1	1
082503	PL.16304	B	Consumer	7.44Y	124.0	0.00	2.01	0.37	0	2	2	71	0.00	0.0	2.474	0.000	2	2	1	1
PL.26322	PL.26324	B	4ACSR	7.44Y	124.0	0.03	2.04	14.52	12	83	69	77	0.02	0.0	2.437	0.046	0	0	0	46
PL.26320	PL.26322	B	4ACSR	7.44Y	123.9	0.02	2.06	14.48	12	82	69	77	0.02	0.0	2.471	0.034	0	0	0	45
PL.16301	PL.26320	B	4ACSR	7.44Y	123.9	0.00	2.06	0.92	1	5	4	78	0.00	0.0	2.476	0.005	0	0	0	3
PD.1773	PL.16301	B	fuse6AMP	7.44Y	123.9	0.00	2.06	0.92	16	5	4	78	0.00	0.0	2.476	0.000	0	0	0	3
PL.16302	PD.1773	B	4ACSR	7.44Y	123.9	0.00	2.07	0.92	1	5	4	78	0.00	0.0	2.582	0.106	0	0	0	3
082512	PL.16302	B	Consumer	7.44Y	123.9	0.00	2.07	0.49	0	3	2	83	0.00	0.0	2.582	0.000	3	2	1	1
082527	PL.16302	B	Consumer	7.44Y	123.9	0.00	2.07	0.04	0	0	0	100	0.00	0.0	2.582	0.000	0	0	1	1
082511	PL.16302	B	Consumer	7.44Y	123.9	0.00	2.07	0.38	0	2	2	71	0.00	0.0	2.582	0.000	2	2	1	1
PL.26321	PL.26320	B	4ACSR	7.44Y	123.9	0.02	2.08	13.56	11	77	65	76	0.01	0.0	2.498	0.027	0	0	0	42
082505	PL.26321	B	Consumer	7.44Y	123.9	0.00	2.08	0.11	0	1	1	71	0.00	0.0	2.498	0.000	1	1	1	1
PL.19172	PL.26321	B	4ACSR	7.43Y	123.9	0.06	2.14	13.45	11	77	64	77	0.04	0.1	2.595	0.097	0	0	0	41
PL.45662	PL.19172	B	4ACSR	7.43Y	123.8	0.03	2.17	13.08	11	74	62	77	0.02	0.0	2.637	0.042	0	0	0	39
PL.45663	PL.45662	B	4ACSR	7.43Y	123.8	0.02	2.19	13.08	11	74	62	77	0.02	0.0	2.677	0.040	0	0	0	39
082537	PL.45663	B	Consumer	7.43Y	123.8	0.00	2.19	0.56	0	3	3	71	0.00	0.0	2.677	0.000	3	3	1	1
PL.26318	PL.45663	B	4ACSR	7.43Y	123.8	0.02	2.21	12.51	11	71	60	76	0.01	0.0	2.712	0.035	0	0	0	38
PL.16307	PL.26318	B	4ACSR	7.43Y	123.8	0.00	2.21	0.31	0	2	2	71	0.00	0.0	2.725	0.013	0	0	0	1
PD.1772	PL.16307	B	fuse6AMP	7.43Y	123.8	0.00	2.21	0.31	5	2	2	71	0.00	0.0	2.725	0.000	0	0	0	1
PL.16308	PD.1772	B	4ACSR	7.43Y	123.8	0.00	2.21	0.31	0	2	2	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\SUMMER\PROPOSED SUMMER 06-10 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
082523	PL.16308	B	Consumer	7.43Y	123.8	0.00	2.21	0.31	0	2	2	71	0.00	0.0	2.794	0.000	2	2	1	1
082541	PL.26318	B	Consumer	7.43Y	123.8	0.00	2.21	0.51	0	3	2	83	0.00	0.0	2.712	0.000	3	2	1	1
PL.26319	PL.26318	B	4ACSR	7.43Y	123.8	0.02	2.23	11.69	10	66	56	76	0.01	0.0	2.748	0.036	0	0	0	36
PL.26317	PL.26319	B	4ACSR	7.43Y	123.8	0.00	2.23	11.42	10	65	55	76	0.00	0.0	2.749	0.001	0	0	0	35
PL.26316	PL.26317	B	4ACSR	7.42Y	123.7	0.03	2.26	11.42	10	65	55	76	0.02	0.0	2.805	0.055	0	0	0	35
PL.26633	PL.26316	B	4ACSR	7.42Y	123.7	0.03	2.29	10.90	9	62	52	77	0.02	0.0	2.860	0.055	0	0	0	32
PL.39581	PL.26633	B	2ACSR	7.42Y	123.7	0.00	2.29	0.49	0	3	2	83	0.00	0.0	2.914	0.054	0	0	0	1
0825060	PL.39581	B	Consumer	7.42Y	123.7	0.00	2.29	0.49	0	3	2	83	0.00	0.0	2.914	0.000	3	2	1	1
082509	PL.26633	B	Consumer	7.42Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	2.860	0.000	0	0	0	0
PL.7637	PL.26633	B	4ACSR	7.42Y	123.7	0.02	2.30	10.40	9	59	50	76	0.01	0.0	2.894	0.034	0	0	0	31
082544	PL.7637	B	Consumer	7.42Y	123.7	0.00	2.30	0.84	0	5	4	78	0.00	0.0	2.894	0.000	5	4	1	1
PL.26631	PL.7637	B	4ACSR	7.42Y	123.7	0.04	2.34	9.56	8	54	46	76	0.02	0.0	2.985	0.091	0	0	0	30
PL.26632	PL.26631	B	4ACSR	7.42Y	123.6	0.06	2.40	7.81	7	44	37	77	0.02	0.1	3.155	0.170	0	0	0	26
PL.26490	PL.26632	B	4ACSR	7.41Y	123.6	0.03	2.44	7.81	7	44	37	77	0.01	0.0	3.244	0.089	0	0	0	26
PL.16313	PL.26490	B	4ACSR	7.41Y	123.6	0.00	2.44	0.16	0	1	1	71	0.00	0.0	3.252	0.007	0	0	0	1
PD.2014	PL.16313	B	fuse6AMP	7.41Y	123.6	0.00	2.44	0.16	3	1	1	71	0.00	0.0	3.252	0.000	0	0	0	1
PL.16314	PD.2014	B	4ACSR	7.41Y	123.6	0.00	2.44	0.16	0	1	1	71	0.00	0.0	3.292	0.040	0	0	0	1
082514	PL.16314	B	Consumer	7.41Y	123.6	0.00	2.44	0.16	0	1	1	71	0.00	0.0	3.292	0.000	1	1	1	1
PL.20688	PL.26490	B	4ACSR	7.41Y	123.5	0.05	2.48	7.65	6	43	36	77	0.02	0.0	3.374	0.130	0	0	0	25
082555	PL.20688	B	Consumer	7.41Y	123.5	0.00	2.48	0.00	0	0	0	100	0.00	0.0	3.374	0.000	0	0	1	1
PL.20689	PL.20688	B	4ACSR	7.41Y	123.5	0.02	2.50	7.65	6	43	36	77	0.01	0.0	3.423	0.049	0	0	0	24
PL.38605	PL.20689	B	4ACSR	7.41Y	123.5	0.00	2.50	0.25	0	1	1	71	0.00	0.0	3.427	0.004	0	0	0	3
PD.2015	PL.38605	B	fuse6AMP	7.41Y	123.5	0.00	2.50	0.25	4	1	1	71	0.00	0.0	3.427	0.000	0	0	0	3
PL.38606	PD.2015	B	4ACSR	7.41Y	123.5	0.00	2.50	0.25	0	1	1	71	0.00	0.0	3.455	0.029	0	0	0	3
PL.5191	PL.38606	B	4ACSR	7.41Y	123.5	0.00	2.50	0.17	0	1	1	71	0.00	0.0	3.569	0.113	0	0	0	2
081505	PL.5191	B	Consumer	7.41Y	123.5	0.00	2.50	0.17	0	1	1	71	0.00	0.0	3.569	0.000	1	1	1	1
081510	PL.5191	B	Consumer	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	3.569	0.000	0	0	1	1
082507	PL.38606	B	Consumer	7.41Y	123.5	0.00	2.50	0.08	0	0	0	100	0.00	0.0	3.455	0.000	0	0	1	1
PL.26489	PL.20689	B	4ACSR	7.41Y	123.5	0.03	2.53	7.41	6	42	35	77	0.01	0.0	3.509	0.086	0	0	0	21
PL.16315	PL.26489	B	4ACSR	7.41Y	123.5	0.00	2.53	0.94	1	5	4	78	0.00	0.0	3.517	0.008	0	0	0	2
PD.2016	PL.16315	B	fuse6AMP	7.41Y	123.5	0.00	2.53	0.94	16	5	4	78	0.00	0.0	3.517	0.000	0	0	0	2
PL.16316	PD.2016	B	4ACSR	7.41Y	123.5	0.00	2.53	0.94	1	5	4	78	0.00	0.0	3.540	0.023	0	0	0	2
081512	PL.16316	B	Consumer	7.41Y	123.5	0.00	2.53	0.10	0	1	0	100	0.00	0.0	3.540	0.000	1	0	1	1
081508	PL.16316	B	Consumer	7.41Y	123.5	0.00	2.53	0.84	0	5	4	78	0.00	0.0	3.540	0.000	5	4	1	1
PL.16317	PL.26489	B	4ACSR	7.41Y	123.4	0.05	2.58	6.47	5	37	31	77	0.02	0.0	3.685	0.176	0	0	0	19
PD.576-A	PL.16317	B	Closed	7.41Y	123.4	0.00	2.58	6.47	0	37	31	77	0.00	0.0	3.685	0.000	0	0	0	19
PD.576-B	PD.576-A	B	Closed	7.41Y	123.4	0.00	2.58	6.47	0	37	31	77	0.00	0.0	3.685	0.000	0	0	0	19
PL.42764	PD.576-B	B	4ACSR	7.40Y	123.3	0.09	2.67	6.47	5	37	31	77	0.03	0.1	3.998	0.313	0	0	0	19

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.40Y	123.3	0.03	2.71	6.47	4	37	31	77	0.01	0.0	4.137	0.139	0	0	0	19
PL.42769	PL.42767	B	2ACSR	7.40Y	123.3	0.02	2.72	6.47	4	37	31	77	0.00	0.0	4.206	0.069	0	0	0	19
081507	PL.42769	B	Consumer	7.40Y	123.3	0.00	2.72	0.04	0	0	0	100	0.00	0.0	4.206	0.000	0	0	1	1
081502	PL.42769	B	Consumer	7.40Y	123.3	0.00	2.72	0.38	0	2	2	71	0.00	0.0	4.206	0.000	2	2	1	1
081509	PL.42769	B	Consumer	7.40Y	123.3	0.00	2.72	0.34	0	2	2	71	0.00	0.0	4.206	0.000	2	2	1	1
PL.42774	PL.42769	B	2ACSR	7.40Y	123.3	0.02	2.74	5.71	4	32	27	76	0.01	0.0	4.310	0.104	0	0	0	16
PL.42773	PL.42774	B	2ACSR	7.40Y	123.3	0.00	2.74	0.96	1	5	5	71	0.00	0.0	4.391	0.081	0	0	0	2
081516	PL.42773	B	Consumer	7.40Y	123.3	0.00	2.74	0.46	0	3	2	83	0.00	0.0	4.391	0.000	3	2	1	1
081503	PL.42773	B	Consumer	7.40Y	123.3	0.00	2.74	0.50	0	3	2	83	0.00	0.0	4.391	0.000	3	2	1	1
PL.42775	PL.42774	B	2ACSR	7.39Y	123.2	0.01	2.75	4.75	3	27	23	76	0.00	0.0	4.380	0.070	0	0	0	14
081514	PL.42775	B	Consumer	7.39Y	123.2	0.00	2.75	0.97	0	6	5	77	0.00	0.0	4.380	0.000	6	5	1	1
081607	PL.42775	B	Consumer	7.39Y	123.2	0.00	2.75	0.02	0	0	0	100	0.00	0.0	4.380	0.000	0	0	1	1
PL.42772	PL.42775	B	2ACSR	7.39Y	123.2	0.02	2.77	3.76	2	21	18	76	0.00	0.0	4.545	0.164	0	0	0	12
0816013	PL.42772	B	Consumer	7.39Y	123.2	0.00	2.77	0.52	0	3	2	83	0.00	0.0	4.545	0.000	3	2	1	1
PL.30316	PL.42772	B	4ACSR	7.39Y	123.2	0.02	2.79	3.24	3	18	15	77	0.00	0.0	4.657	0.112	0	0	0	11
081612	PL.30316	B	Consumer	7.39Y	123.2	0.00	2.79	0.51	0	3	2	83	0.00	0.0	4.657	0.000	3	2	1	1
PL.19097	PL.30316	B	4ACSR	7.39Y	123.2	0.01	2.81	2.73	2	15	13	76	0.00	0.0	4.774	0.117	0	0	0	10
PL.19096	PL.19097	B	4ACSR	7.39Y	123.2	0.00	2.81	1.63	1	9	8	75	0.00	0.0	4.812	0.038	0	0	0	9
PL.14380	PL.19096	B	4ACSR	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	4.860	0.048	0	0	0	0
PL.8300	PL.14380	B	4ACSR	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	4.897	0.037	0	0	0	0
081610	PL.8300	B	Consumer	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	4.897	0.000	0	0	0	0
PL.8301	PL.8300	B	4ACSR	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	4.966	0.069	0	0	0	0
PL.5034	PL.8301	B	4ACSR	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	5.352	0.386	0	0	0	0
PL.19566	PL.19096	B	4ACSR	7.39Y	123.2	0.01	2.82	1.63	1	9	8	75	0.00	0.0	4.904	0.092	0	0	0	9
PL.19565	PL.19566	B	4ACSR	7.39Y	123.2	0.00	2.82	1.37	1	8	7	75	0.00	0.0	4.941	0.037	0	0	0	7
PD.1145	PL.19565	B	fuse6AMP	7.39Y	123.2	0.00	2.82	1.37	23	8	7	75	0.00	0.0	4.941	0.000	0	0	0	7
PL.18748	PD.1145	B	4ACSR	7.39Y	123.2	0.00	2.82	1.37	1	8	7	75	0.00	0.0	4.964	0.023	0	0	0	7
PL.14379	PL.18748	B	4ACSR	7.39Y	123.2	0.02	2.84	1.37	1	8	7	75	0.00	0.0	5.323	0.359	0	0	0	7
PL.18632	PL.14379	B	4ACSR	7.39Y	123.2	0.00	2.84	0.73	1	4	3	80	0.00	0.0	5.347	0.024	0	0	0	3
PD.1146	PL.18632	B	fuse6AMP	7.39Y	123.2	0.00	2.84	0.73	12	4	3	80	0.00	0.0	5.347	0.000	0	0	0	3
PL.18633	PD.1146	B	4ACSR	7.39Y	123.2	0.00	2.85	0.73	1	4	3	80	0.00	0.0	5.408	0.061	0	0	0	3
PL.37966	PL.18633	B	4ACSR	7.39Y	123.2	0.00	2.85	0.24	0	1	1	71	0.00	0.0	5.482	0.075	0	0	0	2
PL.37965	PL.37966	B	2ACSR	7.39Y	123.2	0.00	2.85	0.00	0	0	0	100	0.00	0.0	5.539	0.057	0	0	0	0
PL.37967	PL.37966	B	4ACSR	7.39Y	123.2	0.00	2.85	0.24	0	1	1	71	0.00	0.0	5.586	0.104	0	0	0	2
PL.19171	PL.37967	B	4ACSR	7.39Y	123.2	0.00	2.85	0.16	0	1	1	71	0.00	0.0	5.662	0.076	0	0	0	1
081605	PL.19171	B	Consumer	7.39Y	123.2	0.00	2.85	0.16	0	1	1	71	0.00	0.0	5.662	0.000	1	1	1	1
081604	PL.37967	B	Consumer	7.39Y	123.2	0.00	2.85	0.08	0	0	0	100	0.00	0.0	5.586	0.000	0	0	1	1
081603	PL.18633	B	Consumer	7.39Y	123.2	0.00	2.85	0.48	0	3	2	83	0.00	0.0	5.408	0.000	3	2	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.39236	PL.14379	B	4ACSR	7.39Y	123.2	0.01	2.85	0.64	1	4	3	80	0.00	0.0	5.511	0.188	0	0	0	4
0816016	PL.39236	B	Consumer	7.39Y	123.2	0.00	2.85	0.07	0	0	0	100	0.00	0.0	5.511	0.000	0	0	1	1
PL.39237	PL.39236	B	4ACSR	7.39Y	123.2	0.00	2.85	0.58	0	3	3	71	0.00	0.0	5.556	0.045	0	0	0	3
PD.3443	PL.39237	B	50V4E	7.39Y	123.2	0.00	2.85	0.58	1	3	3	71	0.00	0.0	5.556	0.000	0	0	0	3
PL.18802	PD.3443	B	4ACSR	7.39Y	123.1	0.00	2.85	0.58	0	3	3	71	0.00	0.0	5.651	0.095	0	0	0	3
PL.18805	PL.18802	B	4ACSR	7.39Y	123.1	0.00	2.85	0.58	0	3	3	71	0.00	0.0	5.671	0.020	0	0	0	3
PD.18-A	PL.18805	B	Closed	7.39Y	123.1	0.00	2.85	0.58	0	3	3	71	0.00	0.0	5.671	0.000	0	0	0	3
PD.18-B	PD.18-A	B	Closed	7.39Y	123.1	0.00	2.85	0.58	0	3	3	71	0.00	0.0	5.671	0.000	0	0	0	3
PL.18806	PD.18-B	B	4ACSR	7.39Y	123.1	0.00	2.85	0.58	0	3	3	71	0.00	0.0	5.692	0.021	0	0	0	3
PL.14378	PL.18806	B	4ACSR	7.39Y	123.1	0.00	2.85	0.30	0	2	1	89	0.00	0.0	5.771	0.079	0	0	0	2
PL.5032	PL.14378	B	4ACSR	7.39Y	123.1	0.00	2.86	0.30	0	2	1	89	0.00	0.0	5.848	0.077	0	0	0	2
PL.8294	PL.5032	B	4ACSR	7.39Y	123.1	0.00	2.86	0.30	0	2	1	89	0.00	0.0	5.848	0.000	0	0	0	2
PL.8295	PL.8294	B	4ACSR	7.39Y	123.1	0.00	2.86	0.27	0	2	1	89	0.00	0.0	5.936	0.089	0	0	0	1
082604	PL.8295	B	Consumer	7.39Y	123.1	0.00	2.86	0.27	0	2	1	89	0.00	0.0	5.936	0.000	2	1	1	1
082606	PL.8294	B	Consumer	7.39Y	123.1	0.00	2.86	0.04	0	0	0	100	0.00	0.0	5.848	0.000	0	0	1	1
081611	PL.18806	B	Consumer	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	5.692	0.000	0	0	0	0
081601	PL.18806	B	Consumer	7.39Y	123.1	0.00	2.85	0.28	0	2	1	89	0.00	0.0	5.692	0.000	2	1	1	1
PL.18803	PL.18802	B	4ACSR	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	5.664	0.013	0	0	0	0
PD.1147	PL.18803	B	fuse6AMP	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	5.664	0.000	0	0	0	0
PL.18804	PD.1147	B	4ACSR	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	5.971	0.307	0	0	0	0
PL.19387	PL.18804	B	4ACSR	7.39Y	123.1	0.00	2.85	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	7.39Y	123.1	0.00	2.85	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	7.39Y	123.1	0.00	2.85	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	7.39Y	123.1	0.00	2.85	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	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	6.582	0.000	0	0	0	0
PL.5031	PL.18804	B	4ACSR	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	6.163	0.191	0	0	0	0
PL.5030	PL.5031	B	4ACSR	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	6.312	0.149	0	0	0	0
081602	PL.19566	B	Consumer	7.39Y	123.2	0.00	2.82	0.18	0	1	1	71	0.00	0.0	4.904	0.000	1	1	1	1
081609	PL.19566	B	Consumer	7.39Y	123.2	0.00	2.82	0.08	0	0	0	100	0.00	0.0	4.904	0.000	0	0	1	1
081608	PL.19097	B	Consumer	7.39Y	123.2	0.00	2.81	1.10	0	6	5	77	0.00	0.0	4.774	0.000	6	5	1	1
PL.16311	PL.26631	B	4ACSR	7.42Y	123.7	0.00	2.34	1.75	1	10	8	78	0.00	0.0	2.995	0.010	0	0	0	4
PD.1766	PL.16311	B	fuse6AMP	7.42Y	123.7	0.00	2.34	1.75	30	10	8	78	0.00	0.0	2.995	0.000	0	0	0	4
PL.16312	PD.1766	B	4ACSR	7.42Y	123.7	0.00	2.35	1.75	1	10	8	78	0.00	0.0	3.026	0.031	0	0	0	4
PL.7639	PL.16312	B	4ACSR	7.42Y	123.7	0.00	2.35	0.90	1	5	4	78	0.00	0.0	3.116	0.090	0	0	0	2
082542	PL.7639	B	Consumer	7.42Y	123.7	0.00	2.35	0.56	0	3	3	71	0.00	0.0	3.116	0.000	3	3	1	1
082545	PL.7639	B	Consumer	7.42Y	123.7	0.00	2.35	0.34	0	2	2	71	0.00	0.0	3.116	0.000	2	2	1	1
082524	PL.16312	B	Consumer	7.42Y	123.7	0.00	2.35	0.36	0	2	2	71	0.00	0.0	3.026	0.000	2	2	1	1
082552	PL.16312	B	Consumer	7.42Y	123.7	0.00	2.35	0.49	0	3	2	83	0.00	0.0	3.026	0.000	3	2	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	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.16309	PL.26316	B	4ACSR	7.42Y	123.7	0.00	2.26	0.53	0	3	3	71	0.00	0.0	2.815	0.010	0	0	0	3
PD.1768	PL.16309	B	fuse6AMP	7.42Y	123.7	0.00	2.26	0.53	9	3	3	71	0.00	0.0	2.815	0.000	0	0	0	3
PL.16310	PD.1768	B	4ACSR	7.42Y	123.7	0.00	2.26	0.53	0	3	3	71	0.00	0.0	2.994	0.180	0	0	0	3
PL.5028	PL.16310	B	4ACSR	7.42Y	123.7	0.00	2.27	0.36	0	2	2	71	0.00	0.0	3.134	0.140	0	0	0	2
PL.26634	PL.5028	B	4ACSR	7.42Y	123.7	0.00	2.27	0.36	0	2	2	71	0.00	0.0	3.151	0.017	0	0	0	2
PL.26315	PL.26634	B	4ACSR	7.42Y	123.7	0.00	2.27	0.36	0	2	2	71	0.00	0.0	3.342	0.191	0	0	0	1
082607	PL.26315	B	Consumer	7.42Y	123.7	0.00	2.27	0.36	0	2	2	71	0.00	0.0	3.342	0.000	2	2	1	1
082602	PL.26634	B	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	3.151	0.000	0	0	1	1
PL.5029	PL.16310	B	4ACSR	7.42Y	123.7	0.00	2.26	0.17	0	1	1	71	0.00	0.0	3.090	0.095	0	0	0	1
082601	PL.5029	B	Consumer	7.42Y	123.7	0.00	2.26	0.17	0	1	1	71	0.00	0.0	3.090	0.000	1	1	1	1
PL.24241	PL.16310	B	4ACSR	7.42Y	123.7	0.00	2.26	0.00	0	0	0	100	0.00	0.0	2.994	0.000	0	0	0	0
PL.16305	PL.26319	B	4ACSR	7.43Y	123.8	0.00	2.23	0.26	0	1	1	71	0.00	0.0	2.763	0.014	0	0	0	1
PD.1771	PL.16305	B	fuse6AMP	7.43Y	123.8	0.00	2.23	0.26	5	1	1	71	0.00	0.0	2.763	0.000	0	0	0	1
PL.16306	PD.1771	B	4ACSR	7.43Y	123.8	0.00	2.23	0.26	0	1	1	71	0.00	0.0	2.838	0.076	0	0	0	1
082539	PL.16306	B	Consumer	7.43Y	123.8	0.00	2.23	0.26	0	1	1	71	0.00	0.0	2.838	0.000	1	1	1	1
082553	PL.16306	B	Consumer	7.43Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	2.838	0.000	0	0	0	0
082549	PL.26319	B	Consumer	7.43Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	2.748	0.000	0	0	0	0
082506	PL.19172	B	Consumer	7.43Y	123.9	0.00	2.14	0.33	0	2	2	71	0.00	0.0	2.595	0.000	2	2	1	1
082547	PL.19172	B	Consumer	7.43Y	123.9	0.00	2.14	0.05	0	0	0	100	0.00	0.0	2.595	0.000	0	0	1	1
PL.7635	PL.26321	B	4ACSR	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	2.499	0.001	0	0	0	0
082558	PL.26322	B	Consumer	7.44Y	124.0	0.00	2.04	0.05	0	0	0	100	0.00	0.0	2.437	0.000	0	0	1	1
082401	PL.26487	B	Consumer	7.47Y	124.5	0.00	1.47	0.74	0	4	4	71	0.00	0.0	1.767	0.000	4	4	1	1
082410	PL.26487	B	Consumer	7.47Y	124.5	0.00	1.47	0.06	0	0	0	100	0.00	0.0	1.767	0.000	0	0	1	1
PL.14837	PL.26487	B	4ACSR	7.47Y	124.5	0.00	1.47	1.69	1	10	8	78	0.00	0.0	1.780	0.012	0	0	0	4
PD.1775	PL.14837	B	fuse6AMP	7.47Y	124.5	0.00	1.47	1.69	29	10	8	78	0.00	0.0	1.780	0.000	0	0	0	4
PL.14838	PD.1775	B	4ACSR	7.47Y	124.5	0.01	1.48	1.69	1	10	8	78	0.00	0.0	1.881	0.101	0	0	0	4
082521	PL.14838	B	Consumer	7.47Y	124.5	0.00	1.48	0.84	0	5	4	78	0.00	0.0	1.881	0.000	5	4	1	1
PL.8357	PL.14838	B	4ACSR	7.47Y	124.5	0.00	1.48	0.84	1	5	4	78	0.00	0.0	1.971	0.090	0	0	0	3
082556	PL.8357	B	Consumer	7.47Y	124.5	0.00	1.48	0.40	0	2	2	71	0.00	0.0	1.971	0.000	2	2	1	1
PL.8358	PL.8357	B	4ACSR	7.47Y	124.5	0.00	1.48	0.44	0	3	2	83	0.00	0.0	2.014	0.043	0	0	0	2
082551	PL.8358	B	Consumer	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	2.014	0.000	0	0	1	1
082522	PL.8358	B	Consumer	7.47Y	124.5	0.00	1.48	0.44	0	3	2	83	0.00	0.0	2.014	0.000	3	2	1	1
PL.6961	PL.6965	A	4ACSR	7.57Y	126.2	0.00	-0.23	8.62	7	54	36	83	0.02	0.0	1.134	0.006	0	0	0	10
		B		7.50Y	125.0	0.00	0.99	13.43	11	81	59	81					0	0	0	27
		C		7.50Y	125.0	0.01	0.96	38.76	33	229	179	79					0	0	0	65
PL.20401	PL.6961	A	397ACSR	7.57Y	126.2	-0.00	-0.24	8.62	2	54	36	83	0.01	0.0	1.162	0.028	0	0	0	10
		B		7.50Y	125.0	0.00	0.99	13.43	3	81	59	81					0	0	0	27
		C		7.50Y	125.0	0.01	0.97	38.61	8	228	179	79					0	0	0	63
PD.3716	PL.20401	A	25V4E	7.57Y	126.2	0.00	-0.24	8.62	34	54	36	83	0.00	0.0	1.162	0.000	0	0	0	10
		B		7.50Y	125.0	0.00	0.99	13.43	54	81	59	81					0	0	0	27
		C		7.50Y	125.0	0.00	0.97	38.61	55	228	179	79					0	0	0	63

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.20402	PD.3716	A	4ACSR	7.57Y	126.2	0.00	-0.24	8.62	7	54	36	83	0.04	0.0	1.171	0.009	0	0	0	10		
		B		7.50Y	125.0	0.01	1.00	13.43	11	81	59	81					0	0	0	27		
		C		7.50Y	125.0	0.02	0.99	38.61	32	228	179	79					0	0	0	63		
521913	PL.20402	A	Consumer	7.57Y	126.2	0.00	-0.24	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	126.2	0.00	-0.24	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	126.2	0.00	-0.24	0.35	0	2	2	71	0.00	0.0	1.171	0.000	2	2	1	1		
521806	PL.20402	A	Consumer	7.57Y	126.2	0.00	-0.24	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	126.2	0.00	-0.23	8.27	7	52	34	84	0.28	0.1	1.243	0.071	0	0	0	9		
		B		7.50Y	125.0	0.04	1.03	13.43	11	81	59	81					0	0	0	27		
		C		7.49Y	124.9	0.12	1.11	38.61	32	228	179	79					0	0	0	63		
PL.17951	PL.17950	A	4ACSR	7.57Y	126.2	0.00	-0.23	8.27	7	52	34	84	0.33	0.1	1.327	0.084	0	0	0	9		
		B		7.50Y	124.9	0.04	1.08	13.22	11	80	58	81					0	0	0	26		
		C		7.49Y	124.8	0.14	1.25	38.61	32	228	179	79					0	0	0	63		
PL.26783	PL.17951	A	4ACSR	7.57Y	126.2	0.00	-0.23	0.33	0	2	2	71	0.00	0.0	1.335	0.008	0	0	0	1		
PD.2439	PL.26783	A	fuse6AMP	7.57Y	126.2	0.00	-0.23	0.33	6	2	2	71	0.00	0.0	1.335	0.000	0	0	0	1		
PL.26784	PD.2439	A	4ACSR	7.57Y	126.2	0.00	-0.23	0.33	0	2	2	71	0.00	0.0	1.381	0.046	0	0	0	1		
5217003	PL.26784	A	Consumer	7.57Y	126.2	0.00	-0.23	0.00	0	0	0	100	0.00	0.0	1.381	0.000	0	0	0	0		
521702	PL.26784	A	Consumer	7.57Y	126.2	0.00	-0.23	0.33	0	2	2	71	0.00	0.0	1.381	0.000	2	2	1	1		
PL.17949	PL.17951	A	4ACSR	7.57Y	126.2	0.00	-0.23	7.94	7	50	33	83	0.44	0.1	1.441	0.114	0	0	0	8		
		B		7.49Y	124.9	0.06	1.14	13.22	11	80	58	81					0	0	0	26		
		C		7.47Y	124.6	0.19	1.44	38.61	32	227	178	79					0	0	0	63		
521701	PL.17949	B	Consumer	7.49Y	124.9	0.00	1.14	0.25	0	1	1	71	0.00	0.0	1.441	0.000	1	1	1	1		
PL.6959	PL.17949	A	4ACSR	7.57Y	126.2	0.00	-0.23	7.94	7	50	33	83	0.26	0.1	1.509	0.068	0	0	0	8		
		B		7.49Y	124.8	0.04	1.18	12.98	11	79	57	81					0	0	0	25		
		C		7.47Y	124.4	0.11	1.55	38.61	32	227	178	79					0	0	0	63		
522609	PL.6959	B	Consumer	7.49Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	1.509	0.000	0	0	0	0		
522608	PL.6959	B	Consumer	7.49Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	1.509	0.000	0	0	1	1		
522602	PL.6959	B	Consumer	7.49Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	1.509	0.000	0	0	1	1		
521603	PL.6959	B	Consumer	7.49Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	1.509	0.000	0	0	0	0		
PL.6960	PL.6959	A	4ACSR	7.57Y	126.2	-0.00	-0.23	7.45	6	48	30	85	0.26	0.1	1.576	0.068	0	0	0	7		
		B		7.49Y	124.8	0.04	1.21	12.98	11	79	57	81					0	0	0	23		
		C		7.46Y	124.3	0.11	1.66	38.61	32	227	178	79					0	0	0	63		
PL.14083	PL.6960	A	2ACSR	7.57Y	126.2	-0.00	-0.23	7.45	5	48	30	85	0.00	0.0	1.577	0.000	0	0	0	7		
		B		7.49Y	124.8	0.00	1.21	12.98	8	78	57	81					0	0	0	23		
		C		7.46Y	124.3	0.00	1.66	38.61	25	226	178	79					0	0	0	63		
PL.26788	PL.14083	C	4ACSR	7.46Y	124.3	0.00	1.66	1.04	1	6	5	77	0.00	0.0	1.585	0.008	0	0	0	4		
PD.2440	PL.26788	C	fuse8AMP	7.46Y	124.3	0.00	1.66	1.04	14	6	5	77	0.00	0.0	1.585	0.000	0	0	0	4		
PL.26787	PD.2440	C	4ACSR	7.46Y	124.3	0.00	1.67	1.04	1	6	5	77	0.00	0.0	1.626	0.042	0	0	0	4		
5226015	PL.26787	C	Consumer	7.46Y	124.3	0.00	1.67	0.02	0	0	0	100	0.00	0.0	1.626	0.000	0	0	1	1		
522613	PL.26787	C	Consumer	7.46Y	124.3	0.00	1.67	0.62	0	4	3	80	0.00	0.0	1.626	0.000	4	3	1	1		
522607	PL.26787	C	Consumer	7.46Y	124.3	0.00	1.67	0.00	0	0	0	100	0.00	0.0	1.626	0.000	0	0	0	0		
522612	PL.26787	C	Consumer	7.46Y	124.3	0.00	1.67	0.00	0	0	0	100	0.00	0.0	1.626	0.000	0	0	0	0		
522606	PL.26787	C	Consumer	7.46Y	124.3	0.00	1.67	0.40	0	2	2	71	0.00	0.0	1.626	0.000	2	2	1	1		
522601	PL.26787	C	Consumer	7.46Y	124.3	0.00	1.67	0.00	0	0	0	100	0.00	0.0	1.626	0.000	0	0	1	1		
PL.26789	PL.14083	A	4ACSR	7.57Y	126.2	0.00	-0.23	1.92	2	11	9	77	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\SUMMER\PROPOSED SUMMER 06-10 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.2441	PL.26789	A	fuse8AMP	7.57Y	126.2	0.00	-0.23	1.92	26	11	9	77	0.00	0.0	1.587	0.000	0	0	0	5
PL.26790	PD.2441	A	4ACSR	7.57Y	126.2	0.01	-0.22	1.92	2	11	9	77	0.00	0.0	1.669	0.082	0	0	0	5
522701	PL.26790	A	Consumer	7.57Y	126.2	0.00	-0.22	0.35	0	2	2	71	0.00	0.0	1.669	0.000	2	2	1	1
PL.3500	PL.26790	A	4ACSR	7.57Y	126.2	0.00	-0.22	1.57	1	9	8	75	0.00	0.0	1.713	0.044	0	0	0	4
PL.3498	PL.3500	A	4ACSR	7.57Y	126.2	0.00	-0.21	1.22	1	7	6	76	0.00	0.0	1.801	0.088	0	0	0	2
PL.3496	PL.3498	A	4ACSR	7.57Y	126.2	0.00	-0.21	0.85	1	5	4	78	0.00	0.0	1.883	0.082	0	0	0	1
PL.3495	PL.3496	A	4ACSR	7.57Y	126.2	0.00	-0.21	0.85	1	5	4	78	0.00	0.0	1.953	0.070	0	0	0	1
525701	PL.3495	A	Consumer	7.57Y	126.2	0.00	-0.21	0.85	0	5	4	78	0.00	0.0	1.953	0.000	5	4	1	1
PL.3497	PL.3498	A	4ACSR	7.57Y	126.2	0.00	-0.21	0.37	0	2	2	71	0.00	0.0	1.813	0.012	0	0	0	1
524701	PL.3497	A	Consumer	7.57Y	126.2	0.00	-0.21	0.37	0	2	2	71	0.00	0.0	1.813	0.000	2	2	1	1
PL.3499	PL.3500	A	4ACSR	7.57Y	126.2	0.00	-0.22	0.36	0	2	2	71	0.00	0.0	1.769	0.056	0	0	0	2
523601	PL.3499	A	Consumer	7.57Y	126.2	0.00	-0.22	0.33	0	2	2	71	0.00	0.0	1.769	0.000	2	2	1	1
523602	PL.3499	A	Consumer	7.57Y	126.2	0.00	-0.22	0.03	0	0	0	100	0.00	0.0	1.769	0.000	0	0	1	1
PL.6955	PL.14083	B	4ACSR	7.49Y	124.8	0.00	1.21	8.78	7	51	41	78	0.00	0.0	1.584	0.007	0	0	0	22
522605	PL.6955	B	Consumer	7.49Y	124.8	0.00	1.21	0.50	0	3	2	83	0.00	0.0	1.584	0.000	3	2	1	1
522604	PL.6955	B	Consumer	7.49Y	124.8	0.00	1.21	0.37	0	2	2	71	0.00	0.0	1.584	0.000	2	2	1	1
PL.6956	PL.6955	B	4ACSR	7.49Y	124.8	0.01	1.22	7.91	7	46	37	78	0.00	0.0	1.600	0.017	0	0	0	20
522611	PL.6956	B	Consumer	7.49Y	124.8	0.00	1.22	0.01	0	0	0	100	0.00	0.0	1.600	0.000	0	0	1	1
522614	PL.6956	B	Consumer	7.49Y	124.8	0.00	1.22	0.41	0	2	2	71	0.00	0.0	1.600	0.000	2	2	1	1
522603	PL.6956	B	Consumer	7.49Y	124.8	0.00	1.22	0.21	0	1	1	71	0.00	0.0	1.600	0.000	1	1	1	1
PL.6957	PL.6956	B	4ACSR	7.49Y	124.8	0.01	1.23	7.29	6	43	34	78	0.00	0.0	1.635	0.035	0	0	0	17
PL.14223	PL.6957	B	4ACSR	7.48Y	124.7	0.03	1.26	6.89	6	41	32	79	0.01	0.0	1.734	0.099	0	0	0	16
PL.3494	PL.14223	B	4ACSR	7.48Y	124.7	0.00	1.26	1.22	1	7	6	76	0.00	0.0	1.761	0.027	0	0	0	2
524602	PL.3494	B	Consumer	7.48Y	124.7	0.00	1.26	0.66	0	4	3	80	0.00	0.0	1.761	0.000	4	3	1	1
5246005	PL.3494	B	Consumer	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	1.761	0.000	0	0	0	0
524603	PL.3494	B	Consumer	7.48Y	124.7	0.00	1.26	0.56	0	3	3	71	0.00	0.0	1.761	0.000	3	3	1	1
PL.14224	PL.14223	B	4ACSR	7.48Y	124.7	0.00	1.27	5.37	5	32	25	79	0.00	0.0	1.754	0.020	0	0	0	13
PL.14085	PL.14224	B	4ACSR	7.48Y	124.7	0.02	1.29	5.08	4	30	23	79	0.01	0.0	1.836	0.082	0	0	0	12
083436	PL.14085	B	Consumer	7.48Y	124.7	0.00	1.29	0.20	0	1	1	71	0.00	0.0	1.836	0.000	1	1	1	1
PL.14086	PL.14085	B	4ACSR	7.48Y	124.7	0.02	1.30	3.48	3	20	17	76	0.00	0.0	1.939	0.103	0	0	0	9
PL.5207	PL.14086	B	4ACSR	7.48Y	124.7	0.00	1.31	1.28	1	7	6	76	0.00	0.0	2.023	0.084	0	0	0	2
PL.5206	PL.5207	B	4ACSR	7.48Y	124.7	0.00	1.31	1.28	1	7	6	76	0.00	0.0	2.044	0.021	0	0	0	2
PL.5214	PL.5206	B	4ACSR	7.48Y	124.7	0.00	1.31	1.28	1	7	6	76	0.00	0.0	2.086	0.042	0	0	0	2
083453	PL.5214	B	Consumer	7.48Y	124.7	0.00	1.31	0.71	0	4	3	80	0.00	0.0	2.086	0.000	4	3	1	1
083451	PL.5214	B	Consumer	7.48Y	124.7	0.00	1.31	0.57	0	3	3	71	0.00	0.0	2.086	0.000	3	3	1	1
083424	PL.14086	B	Consumer	7.48Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	1.939	0.000	0	0	0	0
083423	PL.14086	B	Consumer	7.48Y	124.7	0.00	1.30	0.40	0	2	2	71	0.00	0.0	1.939	0.000	2	2	1	1
083428	PL.14086	B	Consumer	7.48Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	1.939	0.000	0	0	0	0

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	
083434	PL.14086	B	Consumer	7.48Y	124.7	0.00	1.30	0.00	0	0	0	0	100	0.00	0.0	1.939	0.000	0	0	0	0
083421	PL.14086	B	Consumer	7.48Y	124.7	0.00	1.30	0.00	0	0	0	0	100	0.00	0.0	1.939	0.000	0	0	0	0
083420	PL.14086	B	Consumer	7.48Y	124.7	0.00	1.30	0.40	0	2	2	71	0.00	0.0	1.939	0.000	2	2	1	1	
083441	PL.14086	B	Consumer	7.48Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	1.939	0.000	0	0	0	0	
083442	PL.14086	B	Consumer	7.48Y	124.7	0.00	1.30	0.03	0	0	0	100	0.00	0.0	1.939	0.000	0	0	1	1	
083425	PL.14086	B	Consumer	7.48Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	1.939	0.000	0	0	0	0	
083422	PL.14086	B	Consumer	7.48Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	1.939	0.000	0	0	0	0	
PL.14087	PL.14086	B	4ACSR	7.48Y	124.7	0.00	1.31	1.37	1	8	7	75	0.00	0.0	1.963	0.024	0	0	0	4	
PL.14088	PL.14087	B	4ACSR	7.48Y	124.7	0.00	1.31	1.37	1	8	7	75	0.00	0.0	1.967	0.004	0	0	0	4	
PL.3501	PL.14088	B	4ACSR	7.48Y	124.7	0.00	1.31	0.71	1	4	3	80	0.00	0.0	2.062	0.095	0	0	0	1	
PL.40777	PL.3501	B	2ACSR	7.48Y	124.7	0.00	1.31	0.71	0	4	3	80	0.00	0.0	2.134	0.072	0	0	0	1	
5257002	PL.40777	B	Consumer	7.48Y	124.7	0.00	1.31	0.71	0	4	3	80	0.00	0.0	2.134	0.000	4	3	1	1	
PL.14089	PL.14088	B	4ACSR	7.48Y	124.7	0.00	1.31	0.66	1	4	3	80	0.00	0.0	2.096	0.129	0	0	0	3	
PL.3503	PL.14089	B	4ACSR	7.48Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	2.141	0.045	0	0	0	1	
527701	PL.3503	B	Consumer	7.48Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	2.141	0.000	0	0	1	1	
527601	PL.14089	B	Consumer	7.48Y	124.7	0.00	1.31	0.06	0	0	0	100	0.00	0.0	2.096	0.000	0	0	1	1	
526701	PL.14089	B	Consumer	7.48Y	124.7	0.00	1.31	0.59	0	3	3	71	0.00	0.0	2.096	0.000	3	3	1	1	
PL.5208	PL.14085	B	4ACSR	7.48Y	124.7	0.01	1.29	1.41	1	9	5	87	0.00	0.0	1.944	0.109	0	0	0	2	
083435	PL.5208	B	Consumer	7.48Y	124.7	0.00	1.29	0.49	0	3	2	83	0.00	0.0	1.944	0.000	3	2	1	1	
083430	PL.5208	B	Consumer	7.48Y	124.7	0.00	1.29	0.93	0	6	3	89	0.00	0.0	1.944	0.000	6	3	1	1	
083432	PL.14224	B	Consumer	7.48Y	124.7	0.00	1.27	0.29	0	2	1	89	0.00	0.0	1.754	0.000	2	1	1	1	
PL.3493	PL.14223	B	4ACSR	7.48Y	124.7	0.00	1.26	0.29	0	2	1	89	0.00	0.0	1.811	0.077	0	0	0	1	
524601	PL.3493	B	Consumer	7.48Y	124.7	0.00	1.26	0.29	0	2	1	89	0.00	0.0	1.811	0.000	2	1	1	1	
523603	PL.6957	B	Consumer	7.49Y	124.8	0.00	1.23	0.40	0	2	2	71	0.00	0.0	1.635	0.000	2	2	1	1	
PL.6958	PL.6957	B	4ACSR	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	1.645	0.009	0	0	0	0	
PL.14084	PL.14083	A	4ACSR	7.57Y	126.2	-0.00	-0.23	5.55	5	36	21	86	0.06	0.0	1.595	0.018	0	0	0	2	
		B		7.49Y	124.8	0.00	1.21	4.22	4	27	16	86					0	0	0	1	
		C		7.46Y	124.3	0.03	1.70	37.57	32	220	173	79					0	0	0	59	
PL.14090	PL.14084	A	4ACSR	7.58Y	126.3	-0.06	-0.29	5.55	5	36	21	86	2.33	0.8	2.282	0.687	0	0	0	2	
		B		7.48Y	124.7	0.10	1.31	4.22	4	27	16	86					0	0	0	1	
		C		7.39Y	123.1	1.17	2.86	37.57	32	220	173	79					0	0	0	59	
PL.14091	PL.14090	A	4ACSR	7.58Y	126.3	-0.01	-0.30	5.35	4	35	20	87	0.33	0.1	2.379	0.097	0	0	0	1	
		B		7.48Y	124.7	0.01	1.32	4.02	3	26	16	85					0	0	0	0	
		C		7.38Y	123.0	0.17	3.03	37.57	32	218	172	79					0	0	0	59	
PL.26398	PL.14091	C	4ACSR	7.37Y	122.9	0.07	3.10	33.49	28	192	156	78	0.11	0.1	2.422	0.043	0	0	0	58	
PD.747-A	PL.26398	C	Closed	7.37Y	122.9	0.00	3.10	33.49	0	192	156	78	0.00	0.0	2.422	0.000	0	0	0	58	
PD.747-B	PD.747-A	C	Closed	7.37Y	122.9	0.00	3.10	33.49	0	192	156	78	0.00	0.0	2.422	0.000	0	0	0	58	
PL.26399	PD.747-B	C	4ACSR	7.36Y	122.6	0.29	3.39	33.49	28	192	156	78	0.51	0.3	2.612	0.191	0	0	0	58	
PL.14092	PL.26399	C	4ACSR	7.35Y	122.5	0.06	3.45	32.82	28	188	152	78	0.10	0.1	2.653	0.041	0	0	0	57	
PL.14093	PL.14092	C	4ACSR	7.35Y	122.5	0.09	3.54	19.62	16	111	92	77	0.09	0.1	2.755	0.102	0	0	0	30	
PL.20226	PL.14093	C	4ACSR	7.35Y	122.5	0.00	3.55	19.23	16	109	90	77	0.00	0.0	2.761	0.005	0	0	0	28	

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.3455	PL.20226	C	25V4E	7.35Y	122.5	0.00	3.55	19.23	77	109	90	77	0.00	0.0	2.761	0.000	0	0	0	28
PL.20227	PD.3455	C	4ACSR	7.34Y	122.4	0.05	3.60	19.23	16	109	90	77	0.05	0.0	2.822	0.061	0	0	0	28
PL.8443	PL.20227	C	4ACSR	7.34Y	122.4	0.02	3.63	18.96	16	107	89	77	0.02	0.0	2.849	0.027	0	0	0	27
PL.8425	PL.8443	C	4ACSR	7.34Y	122.3	0.09	3.71	18.96	16	107	89	77	0.08	0.1	2.948	0.099	0	0	0	27
083336	PL.8425	C	Consumer	7.34Y	122.3	0.00	3.71	1.98	0	11	9	77	0.00	0.0	2.948	0.000	11	9	1	1
PL.13054	PL.8425	C	4ACSR	7.34Y	122.3	0.03	3.74	16.97	14	96	79	77	0.02	0.0	2.981	0.033	0	0	0	26
PL.18772	PL.13054	C	4ACSR	7.33Y	122.2	0.02	3.76	12.86	11	73	60	77	0.01	0.0	3.015	0.034	0	0	0	20
PD.581-A	PL.18772	C	Closed	7.33Y	122.2	0.00	3.76	12.86	0	73	60	77	0.00	0.0	3.015	0.000	0	0	0	20
PD.581-B	PD.581-A	C	Closed	7.33Y	122.2	0.00	3.76	12.86	0	73	60	77	0.00	0.0	3.015	0.000	0	0	0	20
PL.18773	PD.581-B	C	4ACSR	7.33Y	122.2	0.00	3.76	12.86	11	73	60	77	0.00	0.0	3.020	0.005	0	0	0	20
083308	PL.18773	C	Consumer	7.33Y	122.2	0.00	3.76	0.00	0	0	0	100	0.00	0.0	3.020	0.000	0	0	0	0
083329	PL.18773	C	Consumer	7.33Y	122.2	0.00	3.76	0.41	0	3	1	95	0.00	0.0	3.020	0.000	3	1	1	1
PL.13056	PL.18773	C	4ACSR	7.33Y	122.2	0.03	3.79	12.47	10	70	59	76	0.02	0.0	3.073	0.053	0	0	0	19
PL.13057	PL.13056	C	4ACSR	7.33Y	122.2	0.04	3.83	10.06	8	57	47	77	0.02	0.0	3.164	0.091	0	0	0	16
083305	PL.13057	C	Consumer	7.33Y	122.2	0.00	3.83	0.37	0	2	2	71	0.00	0.0	3.164	0.000	2	2	1	1
083334	PL.13057	C	Consumer	7.33Y	122.2	0.00	3.83	0.59	0	3	3	71	0.00	0.0	3.164	0.000	3	3	1	1
083313	PL.13057	C	Consumer	7.33Y	122.2	0.00	3.83	0.00	0	0	0	100	0.00	0.0	3.164	0.000	0	0	0	0
083324	PL.13057	C	Consumer	7.33Y	122.2	0.00	3.83	0.00	0	0	0	100	0.00	0.0	3.164	0.000	0	0	0	0
PL.8373	PL.13057	C	4ACSR	7.33Y	122.1	0.02	3.85	8.28	7	47	39	77	0.01	0.0	3.215	0.050	0	0	0	13
PL.8374	PL.8373	C	4ACSR	7.33Y	122.1	0.03	3.88	7.90	7	44	37	77	0.01	0.0	3.290	0.075	0	0	0	12
PL.13058	PL.8374	C	4ACSR	7.32Y	122.1	0.06	3.94	7.90	7	44	37	77	0.03	0.1	3.460	0.170	0	0	0	12
PL.16333	PL.13058	C	4ACSR	7.32Y	122.1	0.00	3.94	0.46	0	3	2	83	0.00	0.0	3.466	0.006	0	0	0	1
PD.2036	PL.16333	C	fuse6AMP	7.32Y	122.1	0.00	3.94	0.46	8	3	2	83	0.00	0.0	3.466	0.000	0	0	0	1
PL.16334	PD.2036	C	4ACSR	7.32Y	122.1	0.00	3.94	0.46	0	3	2	83	0.00	0.0	3.523	0.057	0	0	0	1
083322	PL.16334	C	Consumer	7.32Y	122.1	0.00	3.94	0.46	0	3	2	83	0.00	0.0	3.523	0.000	3	2	1	1
PL.13059	PL.13058	C	4ACSR	7.32Y	122.0	0.06	4.00	7.44	6	42	35	77	0.02	0.1	3.622	0.162	0	0	0	11
PL.13060	PL.13059	C	4ACSR	7.32Y	122.0	0.01	4.01	5.21	4	29	24	77	0.00	0.0	3.659	0.037	0	0	0	9
083321	PL.13060	C	Consumer	7.32Y	122.0	0.00	4.01	0.77	0	4	4	71	0.00	0.0	3.659	0.000	4	4	1	1
083302	PL.13060	C	Consumer	7.32Y	122.0	0.00	4.01	0.23	0	1	1	71	0.00	0.0	3.659	0.000	1	1	1	1
083331	PL.13060	C	Consumer	7.32Y	122.0	0.00	4.01	0.58	0	3	3	71	0.00	0.0	3.659	0.000	3	3	1	1
083330	PL.13060	C	Consumer	7.32Y	122.0	0.00	4.01	0.00	0	0	0	100	0.00	0.0	3.659	0.000	0	0	0	0
083317	PL.13060	C	Consumer	7.32Y	122.0	0.00	4.01	0.53	0	3	3	71	0.00	0.0	3.659	0.000	3	3	1	1
083323	PL.13060	C	Consumer	7.32Y	122.0	0.00	4.01	0.07	0	0	0	100	0.00	0.0	3.659	0.000	0	0	1	1
PL.19411	PL.13060	C	4ACSR	7.32Y	122.0	0.01	4.01	3.03	3	17	14	77	0.00	0.0	3.703	0.043	0	0	0	4
PL.19412	PL.19411	C	4ACSR	7.32Y	122.0	0.00	4.02	2.28	2	13	11	76	0.00	0.0	3.731	0.028	0	0	0	2
083310	PL.19412	C	Consumer	7.32Y	122.0	0.00	4.02	0.47	0	3	2	83	0.00	0.0	3.731	0.000	3	2	1	1
PL.19567	PL.19412	C	4ACSR	7.32Y	122.0	0.00	4.02	1.81	2	10	9	74	0.00	0.0	3.764	0.034	0	0	0	1
PL.20690	PL.19567	C	4ACSR	7.32Y	122.0	0.00	4.02	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\SUMMER\PROPOSED SUMMER 06-10 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.20691	PL.20690	C	4ACSR	7.32Y	122.0	0.00	4.02	0.00	0	0	0	100	0.00	0.0	4.145	0.052	0	0	0	0
PL.38139	PL.20691	C	4ACSR	7.32Y	122.0	0.00	4.02	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	7.32Y	122.0	0.00	4.02	0.00	0	0	0	100	0.00	0.0	4.150	0.000	0	0	0	0
0832112	PL.20690	C	Consumer	7.32Y	122.0	0.00	4.02	0.00	0	0	0	100	0.00	0.0	4.093	0.000	0	0	0	0
083319	PL.19567	C	Consumer	7.32Y	122.0	0.00	4.02	1.81	0	10	9	74	0.00	0.0	3.764	0.000	10	9	1	1
083320	PL.19411	C	Consumer	7.32Y	122.0	0.00	4.01	0.32	0	2	1	89	0.00	0.0	3.703	0.000	2	1	1	1
083315	PL.19411	C	Consumer	7.32Y	122.0	0.00	4.01	0.44	0	2	2	71	0.00	0.0	3.703	0.000	2	2	1	1
PL.16335	PL.13059	C	4ACSR	7.32Y	122.0	0.00	4.00	2.23	2	12	11	74	0.00	0.0	3.632	0.010	0	0	0	2
PD.2037	PL.16335	C	fuse6AMP	7.32Y	122.0	0.00	4.00	2.23	38	12	11	74	0.00	0.0	3.632	0.000	0	0	0	2
PL.16336	PD.2037	C	4ACSR	7.32Y	122.0	0.01	4.01	2.23	2	12	11	74	0.00	0.0	3.701	0.069	0	0	0	2
083337	PL.16336	C	Consumer	7.32Y	122.0	0.00	4.01	1.01	0	6	5	77	0.00	0.0	3.701	0.000	6	5	1	1
PL.24493	PL.16336	C	4ACSR	7.32Y	122.0	0.00	4.01	1.22	1	7	6	76	0.00	0.0	3.735	0.035	0	0	0	1
083338	PL.24493	C	Consumer	7.32Y	122.0	0.00	4.01	1.22	0	7	6	76	0.00	0.0	3.735	0.000	7	6	1	1
0833040	PL.13058	C	Consumer	7.32Y	122.1	0.00	3.94	0.00	0	0	0	100	0.00	0.0	3.460	0.000	0	0	0	0
083332	PL.8373	C	Consumer	7.33Y	122.1	0.00	3.85	0.37	0	2	2	71	0.00	0.0	3.215	0.000	2	2	1	1
PL.16337	PL.13057	C	4ACSR	7.33Y	122.2	0.00	3.83	0.81	1	5	4	78	0.00	0.0	3.172	0.008	0	0	0	1
PD.2035	PL.16337	C	fuse6AMP	7.33Y	122.2	0.00	3.83	0.81	14	5	4	78	0.00	0.0	3.172	0.000	0	0	0	1
PL.16338	PD.2035	C	4ACSR	7.33Y	122.2	0.00	3.84	0.81	1	5	4	78	0.00	0.0	3.240	0.068	0	0	0	1
083328	PL.16338	C	Consumer	7.33Y	122.2	0.00	3.84	0.81	0	5	4	78	0.00	0.0	3.240	0.000	5	4	1	1
083326	PL.13056	C	Consumer	7.33Y	122.2	0.00	3.79	0.84	0	5	4	78	0.00	0.0	3.073	0.000	5	4	1	1
083327	PL.13056	C	Consumer	7.33Y	122.2	0.00	3.79	0.87	0	5	4	78	0.00	0.0	3.073	0.000	5	4	1	1
PL.16339	PL.13056	C	4ACSR	7.33Y	122.2	0.00	3.79	0.69	1	4	3	80	0.00	0.0	3.080	0.007	0	0	0	1
PD.2034	PL.16339	C	fuse6AMP	7.33Y	122.2	0.00	3.79	0.69	12	4	3	80	0.00	0.0	3.080	0.000	0	0	0	1
PL.16340	PD.2034	C	4ACSR	7.33Y	122.2	0.00	3.79	0.69	1	4	3	80	0.00	0.0	3.126	0.045	0	0	0	1
0833039	PL.16340	C	Consumer	7.33Y	122.2	0.00	3.79	0.69	0	4	3	80	0.00	0.0	3.126	0.000	4	3	1	1
083306	PL.16340	C	Consumer	7.33Y	122.2	0.00	3.79	0.00	0	0	0	100	0.00	0.0	3.126	0.000	0	0	0	0
PL.16341	PL.13054	C	4ACSR	7.34Y	122.3	0.00	3.74	3.19	3	18	15	77	0.00	0.0	2.988	0.007	0	0	0	5
PD.2033	PL.16341	C	fuse6AMP	7.34Y	122.3	0.00	3.74	3.19	54	18	15	77	0.00	0.0	2.988	0.000	0	0	0	5
PL.16342	PD.2033	C	4ACSR	7.34Y	122.3	0.00	3.74	3.19	3	18	15	77	0.00	0.0	3.014	0.026	0	0	0	5
PL.24254	PL.16342	C	4ACSR	7.34Y	122.3	0.01	3.75	2.64	2	15	12	78	0.00	0.0	3.071	0.057	0	0	0	4
PL.4641	PL.24254	C	4ACSR	7.33Y	122.2	0.00	3.75	0.60	1	3	3	71	0.00	0.0	3.090	0.019	0	0	0	2
PL.8369	PL.4641	C	4ACSR	7.33Y	122.2	0.00	3.75	0.60	1	3	3	71	0.00	0.0	3.176	0.086	0	0	0	2
PL.8370	PL.8369	C	4ACSR	7.33Y	122.2	0.00	3.75	0.32	0	2	1	89	0.00	0.0	3.214	0.038	0	0	0	1
084308	PL.8370	C	Consumer	7.33Y	122.2	0.00	3.75	0.32	0	2	1	89	0.00	0.0	3.214	0.000	2	1	1	1
084307	PL.8369	C	Consumer	7.33Y	122.2	0.00	3.75	0.28	0	2	1	89	0.00	0.0	3.176	0.000	2	1	1	1
084306	PL.24254	C	Consumer	7.34Y	122.3	0.00	3.75	0.38	0	2	2	71	0.00	0.0	3.071	0.000	2	2	1	1
PL.4642	PL.24254	C	4ACSR	7.33Y	122.2	0.01	3.76	1.66	1	9	8	75	0.00	0.0	3.160	0.089	0	0	0	1
084303	PL.4642	C	Consumer	7.33Y	122.2	0.00	3.76	1.66	0	9	8	75	0.00	0.0	3.160	0.000	9	8	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.13055	PL.16342	C	4ACSR	7.34Y	122.3	0.00	3.74	0.54	0	3	3	71	0.00	0.0	3.051	0.038	0	0	0	1
083335	PL.13055	C	Consumer	7.34Y	122.3	0.00	3.74	0.54	0	3	3	71	0.00	0.0	3.051	0.000	3	3	1	1
083333	PL.13054	C	Consumer	7.34Y	122.3	0.00	3.74	0.93	0	5	4	78	0.00	0.0	2.981	0.000	5	4	1	1
083401	PL.20227	C	Consumer	7.34Y	122.4	0.00	3.60	0.28	0	2	1	89	0.00	0.0	2.822	0.000	2	1	1	1
PL.26396	PL.14093	C	4ACSR	7.35Y	122.5	0.00	3.54	0.39	0	2	2	71	0.00	0.0	2.774	0.019	0	0	0	1
PD.2044	PL.26396	C	fuse6AMP	7.35Y	122.5	0.00	3.54	0.39	7	2	2	71	0.00	0.0	2.774	0.000	0	0	0	1
PL.26397	PD.2044	C	4ACSR	7.35Y	122.5	0.00	3.55	0.39	0	2	2	71	0.00	0.0	2.832	0.058	0	0	0	1
083413	PL.26397	C	Consumer	7.35Y	122.5	0.00	3.55	0.39	0	2	2	71	0.00	0.0	2.832	0.000	2	2	1	1
083408	PL.26397	C	Consumer	7.35Y	122.5	0.00	3.55	0.00	0	0	0	100	0.00	0.0	2.832	0.000	0	0	0	0
083450	PL.14093	C	Consumer	7.35Y	122.5	0.00	3.54	0.00	0	0	0	100	0.00	0.0	2.755	0.000	0	0	1	1
PL.18608	PL.14092	C	4ACSR	7.35Y	122.5	0.00	3.45	13.21	11	76	60	78	0.00	0.0	2.659	0.006	0	0	0	27
PD.3454	PL.18608	C	25V4E	7.35Y	122.5	0.00	3.45	13.21	53	76	60	78	0.00	0.0	2.659	0.000	0	0	0	27
PL.18609	PD.3454	C	4ACSR	7.35Y	122.5	0.03	3.49	13.21	11	76	60	78	0.02	0.0	2.712	0.053	0	0	0	27
PL.8444	PL.18609	C	4ACSR	7.35Y	122.5	0.04	3.53	12.15	10	70	55	79	0.02	0.0	2.780	0.068	0	0	0	25
PL.4740	PL.8444	C	4ACSR	7.35Y	122.5	0.01	3.53	1.19	1	7	6	76	0.00	0.0	2.888	0.108	0	0	0	2
084406	PL.4740	C	Consumer	7.35Y	122.5	0.00	3.53	0.61	0	3	3	71	0.00	0.0	2.888	0.000	3	3	1	1
PL.8452	PL.4740	C	4ACSR	7.35Y	122.5	0.00	3.53	0.58	0	3	3	71	0.00	0.0	2.919	0.031	0	0	0	1
084433	PL.8452	C	Consumer	7.35Y	122.5	0.00	3.53	0.58	0	3	3	71	0.00	0.0	2.919	0.000	3	3	1	1
PL.8453	PL.8452	C	4ACSR	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	2.947	0.028	0	0	0	0
083414	PL.8444	C	Consumer	7.35Y	122.5	0.00	3.53	1.27	0	7	6	76	0.00	0.0	2.780	0.000	7	6	1	1
PL.26402	PL.8444	C	4ACSR	7.35Y	122.5	0.00	3.53	0.47	0	3	2	83	0.00	0.0	2.801	0.021	0	0	0	1
PD.2045	PL.26402	C	fuse6AMP	7.35Y	122.5	0.00	3.53	0.47	8	3	2	83	0.00	0.0	2.801	0.000	0	0	0	1
PL.26403	PD.2045	C	4ACSR	7.35Y	122.5	0.00	3.53	0.47	0	3	2	83	0.00	0.0	2.858	0.057	0	0	0	1
083452	PL.26403	C	Consumer	7.35Y	122.5	0.00	3.53	0.47	0	3	2	83	0.00	0.0	2.858	0.000	3	2	1	1
PL.13049	PL.8444	C	4ACSR	7.35Y	122.4	0.03	3.55	9.22	8	54	41	80	0.01	0.0	2.848	0.068	0	0	0	21
PL.13050	PL.13049	C	4ACSR	7.35Y	122.4	0.02	3.57	8.14	7	48	36	80	0.01	0.0	2.901	0.053	0	0	0	20
084401	PL.13050	C	Consumer	7.35Y	122.4	0.00	3.57	0.00	0	0	0	100	0.00	0.0	2.901	0.000	0	0	1	1
084425	PL.13050	C	Consumer	7.35Y	122.4	0.00	3.57	0.37	0	2	2	71	0.00	0.0	2.901	0.000	2	2	1	1
084422	PL.13050	C	Consumer	7.35Y	122.4	0.00	3.57	0.28	0	2	1	89	0.00	0.0	2.901	0.000	2	1	1	1
PL.8441	PL.13050	C	4ACSR	7.34Y	122.4	0.03	3.60	6.56	6	39	28	81	0.01	0.0	2.996	0.096	0	0	0	15
PL.8456	PL.8441	C	4ACSR	7.34Y	122.4	0.01	3.61	5.73	5	34	24	82	0.00	0.0	3.023	0.026	0	0	0	12
084437	PL.8456	C	Consumer	7.34Y	122.4	0.00	3.61	0.44	0	2	2	71	0.00	0.0	3.023	0.000	2	2	1	1
PL.13051	PL.8456	C	4ACSR	7.34Y	122.4	0.02	3.63	4.41	4	27	18	83	0.00	0.0	3.097	0.074	0	0	0	9
PL.4739	PL.13051	C	4ACSR	7.34Y	122.4	0.01	3.64	4.01	3	25	16	84	0.00	0.0	3.175	0.079	0	0	0	6
PL.5212	PL.4739	C	4ACSR	7.34Y	122.4	0.00	3.64	1.18	1	7	6	76	0.00	0.0	3.252	0.076	0	0	0	2
PL.5215	PL.5212	C	4ACSR	7.34Y	122.4	0.00	3.65	0.77	1	4	4	71	0.00	0.0	3.384	0.132	0	0	0	1
084435	PL.5215	C	Consumer	7.34Y	122.4	0.00	3.65	0.77	0	4	4	71	0.00	0.0	3.384	0.000	4	4	1	1
084432	PL.5212	C	Consumer	7.34Y	122.4	0.00	3.64	0.41	0	2	2	71	0.00	0.0	3.252	0.000	2	2	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.5213	PL.4739	C	4ACSR	7.34Y	122.4	0.01	3.65	2.13	2	14	7	89	0.00	0.0	3.238	0.063	0	0	0	2
084434	PL.5213	C	Consumer	7.34Y	122.4	0.00	3.65	1.84	0	12	6	89	0.00	0.0	3.238	0.000	12	6	1	1
084431	PL.5213	C	Consumer	7.34Y	122.4	0.00	3.65	0.30	0	2	1	89	0.00	0.0	3.238	0.000	2	1	1	1
084428	PL.4739	C	Consumer	7.34Y	122.4	0.00	3.64	0.38	0	2	2	71	0.00	0.0	3.175	0.000	2	2	1	1
084417	PL.4739	C	Consumer	7.34Y	122.4	0.00	3.64	0.34	0	2	2	71	0.00	0.0	3.175	0.000	2	2	1	1
PL.30339	PL.13051	C	4ACSR	7.34Y	122.4	0.00	3.63	0.03	0	0	0	100	0.00	0.0	3.245	0.148	0	0	0	1
PL.13053	PL.30339	C	4ACSR	7.34Y	122.4	0.00	3.63	0.03	0	0	0	100	0.00	0.0	3.466	0.221	0	0	0	1
084412	PL.13053	C	Consumer	7.34Y	122.4	0.00	3.63	0.03	0	0	0	100	0.00	0.0	3.466	0.000	0	0	1	1
PL.8436	PL.13053	C	4ACSR	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	3.839	0.373	0	0	0	0
084415	PL.8436	C	Consumer	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	3.839	0.000	0	0	0	0
PL.4737	PL.30339	C	4ACSR	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	3.311	0.066	0	0	0	0
084430	PL.13051	C	Consumer	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	3.097	0.000	0	0	1	1
084427	PL.13051	C	Consumer	7.34Y	122.4	0.00	3.63	0.37	0	2	2	71	0.00	0.0	3.097	0.000	2	2	1	1
PL.4738	PL.8456	C	4ACSR	7.34Y	122.4	0.00	3.61	0.88	1	5	4	78	0.00	0.0	3.088	0.066	0	0	0	2
084407	PL.4738	C	Consumer	7.34Y	122.4	0.00	3.61	0.60	0	3	3	71	0.00	0.0	3.088	0.000	3	3	1	1
084424	PL.4738	C	Consumer	7.34Y	122.4	0.00	3.61	0.28	0	2	1	89	0.00	0.0	3.088	0.000	2	1	1	1
084409	PL.4738	C	Consumer	7.34Y	122.4	0.00	3.61	0.00	0	0	0	100	0.00	0.0	3.088	0.000	0	0	0	0
084423	PL.8441	C	Consumer	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	2.996	0.000	0	0	0	0
084419	PL.8441	C	Consumer	7.34Y	122.4	0.00	3.60	0.19	0	1	1	71	0.00	0.0	2.996	0.000	1	1	1	1
084436	PL.8441	C	Consumer	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	2.996	0.000	0	0	1	1
084418	PL.8441	C	Consumer	7.34Y	122.4	0.00	3.60	0.65	0	4	3	80	0.00	0.0	2.996	0.000	4	3	1	1
PL.8450	PL.13050	C	4ACSR	7.35Y	122.4	0.00	3.58	0.93	1	5	4	78	0.00	0.0	2.982	0.081	0	0	0	2
PL.8451	PL.8450	C	4ACSR	7.35Y	122.4	0.00	3.58	0.70	1	4	3	80	0.00	0.0	3.047	0.065	0	0	0	1
084426	PL.8451	C	Consumer	7.35Y	122.4	0.00	3.58	0.70	0	4	3	80	0.00	0.0	3.047	0.000	4	3	1	1
084429	PL.8450	C	Consumer	7.35Y	122.4	0.00	3.58	0.23	0	1	1	71	0.00	0.0	2.982	0.000	1	1	1	1
PL.33894	PL.13049	C	2ACSR	7.35Y	122.4	0.00	3.56	1.09	1	6	5	77	0.00	0.0	2.909	0.061	0	0	0	1
0844038	PL.33894	C	Consumer	7.35Y	122.4	0.00	3.56	1.09	0	6	5	77	0.00	0.0	2.909	0.000	6	5	1	1
PL.4741	PL.13049	C	4ACSR	7.35Y	122.4	0.00	3.55	0.00	0	0	0	100	0.00	0.0	2.943	0.095	0	0	0	0
084402	PL.4741	C	Consumer	7.35Y	122.4	0.00	3.55	0.00	0	0	0	100	0.00	0.0	2.943	0.000	0	0	0	0
083403	PL.18609	C	Consumer	7.35Y	122.5	0.00	3.49	0.66	0	4	3	80	0.00	0.0	2.712	0.000	4	3	1	1
083443	PL.18609	C	Consumer	7.35Y	122.5	0.00	3.49	0.40	0	2	2	71	0.00	0.0	2.712	0.000	2	2	1	1
PL.26400	PL.26399	C	4ACSR	7.36Y	122.6	0.00	3.39	0.67	1	4	3	80	0.00	0.0	2.633	0.020	0	0	0	1
PD.2043	PL.26400	C	fuse6AMP	7.36Y	122.6	0.00	3.39	0.67	11	4	3	80	0.00	0.0	2.633	0.000	0	0	0	1
PL.26401	PD.2043	C	4ACSR	7.36Y	122.6	0.00	3.39	0.67	1	4	3	80	0.00	0.0	2.702	0.069	0	0	0	1
083449	PL.26401	C	Consumer	7.36Y	122.6	0.00	3.39	0.67	0	4	3	80	0.00	0.0	2.702	0.000	4	3	1	1
083405	PL.26401	C	Consumer	7.36Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	2.702	0.000	0	0	0	0
PL.4742	PL.14091	A	4ACSR	7.58Y	126.3	0.01	-0.29	3.97	3	26	16	85	0.01	0.0	2.443	0.064	0	0	0	0
		B		7.48Y	124.7	0.01	1.33	4.02	3	26	16	85					0	0	0	0
		C		7.38Y	123.0	0.01	3.04	4.10	3	26	16	85					0	0	0	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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		Cons	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss			KW	KVAR	On	Thru
PL.4744	PL.4742	A	1/0EPRJCN	7.58Y	126.3	0.00	-0.29	3.97	2	26	16	85	0.00	0.0	2.490	0.047	0	0	0	0
		B		7.48Y	124.7	0.00	1.34	4.02	2	26	16	85					0	0	0	0
		C		7.38Y	123.0	0.00	3.04	4.08	2	26	16	85					0	0	0	0
083447	PL.4744	A	Consumer	7.58Y	126.3	0.00	-0.29	3.99	0	26	16	85	0.00	0.0	2.490	0.000	26	16	0	0
		B		7.48Y	124.7	0.00	1.34	4.04	0	26	16	85					26	16	0	0
		C		7.38Y	123.0	0.00	3.04	4.10	0	26	16	85					26	16	0	0
083444	PL.4742	C	Consumer	7.38Y	123.0	0.00	3.04	0.00	0	0	0	100	0.00	0.0	2.443	0.000	0	0	0	0
083448	PL.4742	C	Consumer	7.38Y	123.0	0.00	3.04	0.02	0	0	0	100	0.00	0.0	2.443	0.000	0	0	1	1
PL.30337	PL.14091	A	4ACSR	7.58Y	126.3	0.00	-0.30	1.39	1	9	5	87	0.00	0.0	2.387	0.008	0	0	0	1
PD.3822	PL.30337	A	fuse6AMP	7.58Y	126.3	0.00	-0.30	1.39	24	9	5	87	0.00	0.0	2.387	0.000	0	0	0	1
PL.30338	PD.3822	A	4ACSR	7.58Y	126.3	0.00	-0.30	1.39	1	9	5	87	0.00	0.0	2.445	0.057	0	0	0	1
PL.4745	PL.30338	A	4ACSR	7.58Y	126.3	0.00	-0.29	1.39	1	9	5	87	0.00	0.0	2.506	0.062	0	0	0	1
083406	PL.4745	A	Consumer	7.58Y	126.3	0.00	-0.29	1.39	0	9	5	87	0.00	0.0	2.506	0.000	9	5	1	1
083446	PL.14090	A	Consumer	7.58Y	126.3	0.00	-0.29	0.20	0	1	1	71	0.00	0.0	2.282	0.000	1	1	1	1
		B		7.48Y	124.7	0.00	1.31	0.20	0	1	1	90					1	1	1	1
PL.26785	PL.6959	A	4ACSR	7.57Y	126.2	0.00	-0.23	0.50	0	3	2	83	0.00	0.0	1.516	0.007	0	0	0	1
PD.2443	PL.26785	A	fuse6AMP	7.57Y	126.2	0.00	-0.23	0.50	8	3	2	83	0.00	0.0	1.516	0.000	0	0	0	1
PL.26786	PD.2443	A	4ACSR	7.57Y	126.2	0.00	-0.23	0.50	0	3	2	83	0.00	0.0	1.553	0.037	0	0	0	1
521703	PL.26786	A	Consumer	7.57Y	126.2	0.00	-0.23	0.50	0	3	2	83	0.00	0.0	1.553	0.000	3	2	1	1
521803	PL.17950	B	Consumer	7.50Y	125.0	0.00	1.03	0.21	0	1	1	71	0.00	0.0	1.243	0.000	1	1	1	1
521910	PL.6961	A	Consumer	7.57Y	126.2	0.00	-0.23	0.00	0	0	0	100	0.00	0.0	1.134	0.000	0	0	0	0
521904	PL.6961	C	Consumer	7.50Y	125.0	0.00	0.96	0.14	0	1	0	100	0.00	0.0	1.134	0.000	1	0	1	1
521909	PL.6961	C	Consumer	7.50Y	125.0	0.00	0.96	0.02	0	0	0	100	0.00	0.0	1.134	0.000	0	0	1	1
521912	PL.6964	C	Consumer	7.50Y	125.1	0.00	0.92	0.08	0	1	0	100	0.00	0.0	1.087	0.000	1	0	1	1
521911	PL.6964	B	Consumer	7.50Y	125.1	0.00	0.95	0.01	0	0	0	100	0.00	0.0	1.087	0.000	0	0	1	1
521906	PL.6964	B	Consumer	7.50Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	1.087	0.000	0	0	0	0
521907	PL.6964	C	Consumer	7.50Y	125.1	0.00	0.92	1.74	0	12	6	89	0.00	0.0	1.087	0.000	12	6	1	1
5219014	PL.6964	B	Consumer	7.50Y	125.1	0.00	0.95	0.79	0	5	4	78	0.00	0.0	1.087	0.000	5	4	1	1
PL.26778	PL.7223	C	4ACSR	7.51Y	125.1	0.00	0.86	0.67	1	4	3	80	0.00	0.0	1.035	0.011	0	0	0	4
PD.2435	PL.26778	C	fuse6AMP	7.51Y	125.1	0.00	0.86	0.67	11	4	3	80	0.00	0.0	1.035	0.000	0	0	0	4
PL.26779	PD.2435	C	4ACSR	7.51Y	125.1	0.00	0.87	0.67	1	4	3	80	0.00	0.0	1.097	0.063	0	0	0	4
PL.6962	PL.26779	C	4ACSR	7.51Y	125.1	0.00	0.87	0.20	0	1	1	71	0.00	0.0	1.141	0.043	0	0	0	1
PL.6963	PL.6962	C	4ACSR	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	1.159	0.018	0	0	0	0
522905	PL.6962	C	Consumer	7.51Y	125.1	0.00	0.87	0.20	0	1	1	71	0.00	0.0	1.141	0.000	1	1	1	1
522901	PL.26779	C	Consumer	7.51Y	125.1	0.00	0.87	0.03	0	0	0	100	0.00	0.0	1.097	0.000	0	0	1	1
522904	PL.26779	C	Consumer	7.51Y	125.1	0.00	0.87	0.42	0	2	2	71	0.00	0.0	1.097	0.000	2	2	1	1
522902	PL.26779	C	Consumer	7.51Y	125.1	0.00	0.87	0.01	0	0	0	100	0.00	0.0	1.097	0.000	0	0	1	1
523002	PL.7223	B	Consumer	7.51Y	125.1	0.00	0.90	0.04	0	0	0	100	0.00	0.0	1.023	0.000	0	0	1	1
522911	PL.7223	C	Consumer	7.51Y	125.1	0.00	0.86	0.59	0	3	3	71	0.00	0.0	1.023	0.000	3	3	1	1
524002	PL.6954	B	Consumer	7.51Y	125.1	0.00	0.86	0.26	0	2	1	89	0.00	0.0	0.974	0.000	2	1	1	1
524001	PL.6954	B	Consumer	7.51Y	125.1	0.00	0.86	0.04	0	0	0	100	0.00	0.0	0.974	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\SUMMER\PROPOSED SUMMER 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 523901, 523001, PL.26776, etc.

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.32940, PD.3931, PL.32941, etc.

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 084554, PL.19844, PD.743, etc.

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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, 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 084543, PL.18530, C PD.2041, PL.18736, PL.8437, PL.26736, PD.2042, PL.26737, 084527, 0845064, PL.20725, PD.3655, PL.20726, PL.39606, 0845063, PL.39607, PL.20142, PL.20143, 084559, PL.8454, PL.37974, PL.37975, PL.242, 085512, 085503, PL.8472, PL.19413, PL.19414, PL.26701, PD.760-A, PD.760-B, PL.43352, 0865036, PL.43353.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 PD.2278, PL.19850, 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: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.32781	PL.32780	A	4ACSR	7.32Y	122.0	0.00	4.02	0.18	0	1	1	71	0.00	0.0	5.522	0.074	0	0	0	3
0854014	PL.32781	A	Consumer	7.32Y	122.0	0.00	4.02	0.04	0	0	0	100	0.00	0.0	5.522	0.000	0	0	1	1
PL.32782	PL.32781	A	4ACSR	7.32Y	122.0	0.00	4.02	0.13	0	1	0	100	0.00	0.0	5.583	0.061	0	0	0	2
0854015	PL.32782	A	Consumer	7.32Y	122.0	0.00	4.02	0.03	0	0	0	100	0.00	0.0	5.583	0.000	0	0	1	1
0854016	PL.32782	A	Consumer	7.32Y	122.0	0.00	4.02	0.11	0	1	0	100	0.00	0.0	5.583	0.000	1	0	1	1
0854009	PL.32779	A	Consumer	7.32Y	122.0	0.00	4.02	0.11	0	1	0	100	0.00	0.0	5.386	0.000	1	0	1	1
PL.32775	PL.32776	A	4ACSR	7.32Y	122.0	0.00	4.02	0.00	0	0	0	100	0.00	0.0	5.344	0.237	0	0	0	0
PL.32772	PL.32773	A	4ACSR	7.32Y	122.0	0.00	4.01	0.19	0	1	1	71	0.00	0.0	4.710	0.080	0	0	0	1
0854011	PL.32772	A	Consumer	7.32Y	122.0	0.00	4.01	0.19	0	1	1	71	0.00	0.0	4.710	0.000	1	1	1	1
PL.32768	PL.32767	A	4ACSR	7.30Y	121.7	0.37	4.35	20.27	17	114	95	77	0.39	0.3	4.049	0.396	0	0	0	42
PL.20938	PL.32768	A	4ACSR	7.30Y	121.6	0.01	4.36	20.27	17	113	95	77	0.01	0.0	4.063	0.014	0	0	0	42
PL.14729	PL.20938	A	4ACSR	7.30Y	121.6	0.00	4.36	20.27	17	113	95	77	0.00	0.0	4.065	0.002	0	0	0	42
PL.15604	PL.14729	A	4ACSR	7.30Y	121.6	0.00	4.36	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	7.30Y	121.6	0.00	4.36	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	7.30Y	121.6	0.00	4.36	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	7.30Y	121.6	0.00	4.36	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	7.30Y	121.6	0.00	4.36	0.00	0	0	0	100	0.00	0.0	4.736	0.000	0	0	0	0
PL.30846	PL.14729	A	4ACSR	7.30Y	121.6	0.01	4.37	20.27	17	113	95	77	0.01	0.0	4.077	0.012	0	0	0	42
PD.2483-A	PL.30846	A	Closed	7.30Y	121.6	0.00	4.37	20.27	0	113	95	77	0.00	0.0	4.077	0.000	0	0	0	42
PD.2483-B	PD.2483-A	A	Closed	7.30Y	121.6	0.00	4.37	20.27	0	113	95	77	0.00	0.0	4.077	0.000	0	0	0	42
PL.30845	PD.2483-B	A	4ACSR	7.30Y	121.6	0.03	4.41	20.27	17	113	95	77	0.03	0.0	4.111	0.034	0	0	0	42
PD.3462	PL.30845	A	50V4E	7.30Y	121.6	0.00	4.41	20.27	41	113	95	77	0.00	0.0	4.111	0.000	0	0	0	42
PL.18890	PD.3462	A	4ACSR	7.29Y	121.5	0.09	4.49	20.27	17	113	95	77	0.09	0.1	4.206	0.096	0	0	0	42
086421	PL.18890	A	Consumer	7.29Y	121.5	0.00	4.49	0.43	0	2	2	71	0.00	0.0	4.206	0.000	2	2	1	1
PL.13063	PL.18890	A	4ACSR	7.28Y	121.3	0.19	4.68	19.84	17	111	93	77	0.19	0.2	4.410	0.204	0	0	0	41
PL.35574	PL.13063	A	4ACSR	7.28Y	121.3	0.00	4.68	0.75	1	4	4	71	0.00	0.0	4.416	0.006	0	0	0	2
PD.5226	PL.35574	A	fuse6AMP	7.28Y	121.3	0.00	4.68	0.75	13	4	4	71	0.00	0.0	4.416	0.000	0	0	0	2
PL.35575	PD.5226	A	4ACSR	7.28Y	121.3	0.00	4.68	0.75	1	4	4	71	0.00	0.0	4.451	0.035	0	0	0	2
086419	PL.35575	A	Consumer	7.28Y	121.3	0.00	4.68	0.61	0	3	3	71	0.00	0.0	4.451	0.000	3	3	1	1
086420	PL.35575	A	Consumer	7.28Y	121.3	0.00	4.68	0.14	0	1	1	71	0.00	0.0	4.451	0.000	1	1	1	1
PL.13062	PL.13063	A	4ACSR	7.28Y	121.3	0.06	4.74	19.08	16	107	89	77	0.06	0.1	4.477	0.067	0	0	0	39
086418	PL.13062	A	Consumer	7.28Y	121.3	0.00	4.74	0.00	0	0	0	100	0.00	0.0	4.477	0.000	0	0	0	0
PL.8473	PL.13062	A	4ACSR	7.26Y	121.0	0.26	5.00	19.08	16	106	89	77	0.26	0.2	4.777	0.300	0	0	0	39
PL.241	PL.8473	A	4ACSR	7.25Y	120.8	0.15	5.15	19.08	16	106	89	77	0.15	0.1	4.948	0.171	0	0	0	39
PL.24565	PL.241	A	4ACSR	7.25Y	120.8	0.00	5.15	0.04	0	0	0	100	0.00	0.0	5.014	0.066	0	0	0	1
086336	PL.24565	A	Consumer	7.25Y	120.8	0.00	5.15	0.04	0	0	0	100	0.00	0.0	5.014	0.000	0	0	1	1
PL.25032	PL.241	A	4ACSR	7.25Y	120.8	0.09	5.25	19.04	16	106	89	77	0.09	0.1	5.053	0.105	0	0	0	38
PL.25031	PL.25032	A	4ACSR	7.24Y	120.7	0.02	5.27	17.88	15	99	83	77	0.02	0.0	5.079	0.026	0	0	0	36

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
086328	PL.25031	A	Consumer	7.24Y	120.7	0.00	5.27	0.47	0	3	2	83	0.00	0.0	5.079	0.000	3	2	1	1
PL.13066	PL.25031	A	4ACSR	7.24Y	120.7	0.04	5.30	17.41	15	97	81	77	0.03	0.0	5.124	0.045	0	0	0	35
PL.13067	PL.13066	A	4ACSR	7.24Y	120.6	0.06	5.37	16.31	14	91	76	77	0.05	0.1	5.210	0.086	0	0	0	33
PL.13071	PL.13067	A	4ACSR	7.23Y	120.5	0.09	5.46	15.06	13	84	70	77	0.07	0.1	5.340	0.130	0	0	0	31
PL.13070	PL.13071	A	4ACSR	7.23Y	120.5	0.09	5.54	14.19	12	79	66	77	0.06	0.1	5.472	0.132	0	0	0	28
PL.25024	PL.13070	A	4ACSR	7.23Y	120.4	0.03	5.57	13.67	11	76	63	77	0.02	0.0	5.513	0.041	0	0	0	27
086326	PL.25024	A	Consumer	7.23Y	120.4	0.00	5.57	1.65	0	9	8	75	0.00	0.0	5.513	0.000	9	8	1	1
PL.13072	PL.25024	A	4ACSR	7.23Y	120.4	0.00	5.57	12.02	10	67	56	77	0.00	0.0	5.518	0.004	0	0	0	26
PL.16019	PL.13072	A	4ACSR	7.23Y	120.4	0.00	5.57	0.52	0	3	2	83	0.00	0.0	5.529	0.011	0	0	0	1
PD.2275	PL.16019	A	fuse6AMP	7.23Y	120.4	0.00	5.57	0.52	9	3	2	83	0.00	0.0	5.529	0.000	0	0	0	1
PL.16020	PD.2275	A	4ACSR	7.23Y	120.4	0.00	5.57	0.52	0	3	2	83	0.00	0.0	5.613	0.084	0	0	0	1
086325	PL.16020	A	Consumer	7.23Y	120.4	0.00	5.57	0.52	0	3	2	83	0.00	0.0	5.613	0.000	3	2	1	1
PL.13073	PL.13072	A	4ACSR	7.23Y	120.4	0.01	5.58	11.50	10	64	53	77	0.01	0.0	5.534	0.016	0	0	0	25
PL.16017	PL.13073	A	4ACSR	7.23Y	120.4	0.00	5.58	0.32	0	2	1	89	0.00	0.0	5.548	0.014	0	0	0	1
PD.2274	PL.16017	A	fuse6AMP	7.23Y	120.4	0.00	5.58	0.32	5	2	1	89	0.00	0.0	5.548	0.000	0	0	0	1
PL.16018	PD.2274	A	4ACSR	7.23Y	120.4	0.00	5.58	0.32	0	2	1	89	0.00	0.0	5.638	0.090	0	0	0	1
086308	PL.16018	A	Consumer	7.23Y	120.4	0.00	5.58	0.32	0	2	1	89	0.00	0.0	5.638	0.000	2	1	1	1
PL.20693	PL.13073	A	4ACSR	7.22Y	120.4	0.05	5.63	11.19	9	62	52	77	0.03	0.0	5.630	0.096	0	0	0	24
086301	PL.20693	A	Consumer	7.22Y	120.4	0.00	5.63	0.42	0	2	2	71	0.00	0.0	5.630	0.000	2	2	1	1
PL.20692	PL.20693	A	4ACSR	7.22Y	120.3	0.02	5.65	10.76	9	60	50	77	0.01	0.0	5.676	0.046	0	0	0	23
PL.13074	PL.20692	A	4ACSR	7.22Y	120.3	0.08	5.74	10.44	9	58	48	77	0.05	0.1	5.852	0.176	0	0	0	21
PL.25023	PL.13074	A	4ACSR	7.21Y	120.2	0.06	5.79	9.42	8	52	44	76	0.03	0.1	5.983	0.132	0	0	0	18
PL.25035	PL.25023	A	4ACSR	7.21Y	120.2	0.01	5.81	9.42	8	52	44	76	0.01	0.0	6.018	0.034	0	0	0	18
086337	PL.25035	A	Consumer	7.21Y	120.2	0.00	5.81	0.13	0	1	1	71	0.00	0.0	6.018	0.000	1	1	1	1
PL.16281	PL.25035	A	4ACSR	7.21Y	120.2	0.00	5.81	0.46	0	3	2	83	0.00	0.0	6.033	0.016	0	0	0	1
PD.2271	PL.16281	A	fuse6AMP	7.21Y	120.2	0.00	5.81	0.46	8	3	2	83	0.00	0.0	6.033	0.000	0	0	0	1
PL.16282	PD.2271	A	4ACSR	7.21Y	120.2	0.00	5.81	0.46	0	3	2	83	0.00	0.0	6.119	0.086	0	0	0	1
086323	PL.16282	A	Consumer	7.21Y	120.2	0.00	5.81	0.46	0	3	2	83	0.00	0.0	6.119	0.000	3	2	1	1
PL.14551	PL.25035	A	4ACSR	7.21Y	120.2	0.04	5.85	8.83	7	49	41	77	0.02	0.0	6.117	0.099	0	0	0	16
0863042	PL.14551	A	Consumer	7.21Y	120.2	0.00	5.85	0.95	0	5	4	78	0.00	0.0	6.117	0.000	5	4	1	1
PL.16279	PL.14551	A	4ACSR	7.21Y	120.1	0.00	5.85	2.83	2	16	13	78	0.00	0.0	6.129	0.013	0	0	0	2
PD.2270	PL.16279	A	fuse6AMP	7.21Y	120.1	0.00	5.85	2.83	48	16	13	78	0.00	0.0	6.129	0.000	0	0	0	2
PL.30325	PD.2270	A	4ACSR	7.21Y	120.1	0.00	5.85	2.83	2	16	13	78	0.00	0.0	6.144	0.014	0	0	0	2
PL.30324	PL.30325	A	4ACSR	7.21Y	120.1	0.00	5.86	1.43	1	8	7	75	0.00	0.0	6.201	0.057	0	0	0	1
0863043	PL.30324	A	Consumer	7.21Y	120.1	0.00	5.86	1.43	0	8	7	75	0.00	0.0	6.201	0.000	8	7	1	1
PL.30326	PL.30325	A	4ACSR	7.21Y	120.1	0.00	5.85	1.40	1	8	6	80	0.00	0.0	6.163	0.020	0	0	0	1
086314	PL.30326	A	Consumer	7.21Y	120.1	0.00	5.85	0.00	0	0	0	100	0.00	0.0	6.163	0.000	0	0	0	0
086327	PL.30326	A	Consumer	7.21Y	120.1	0.00	5.85	1.40	0	8	6	80	0.00	0.0	6.163	0.000	8	6	1	1

Unbalanced Voltage Drop Report
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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.14550	PL.14551	A	4ACSR	7.21Y	120.2	0.00	5.85	5.04	4	28	23	77	0.00	0.0	6.117	0.000	0	0	0	13
PL.13075	PL.14550	A	4ACSR	7.21Y	120.1	0.01	5.86	5.04	4	28	23	77	0.00	0.0	6.174	0.058	0	0	0	13
PL.13078	PL.13075	A	4ACSR	7.21Y	120.1	0.00	5.87	1.09	1	6	5	77	0.00	0.0	6.242	0.068	0	0	0	2
PL.14094	PL.13078	A	4ACSR	7.21Y	120.1	0.00	5.87	0.74	1	4	3	80	0.00	0.0	6.262	0.019	0	0	0	1
PL.24566	PL.14094	A	4ACSR	7.21Y	120.1	0.00	5.87	0.74	1	4	3	80	0.00	0.0	6.299	0.038	0	0	0	1
086338	PL.24566	A	Consumer	7.21Y	120.1	0.00	5.87	0.74	0	4	3	80	0.00	0.0	6.299	0.000	4	3	1	1
PL.14095	PL.14094	A	4ACSR	7.21Y	120.1	0.00	5.87	0.00	0	0	0	100	0.00	0.0	6.279	0.017	0	0	0	0
086324	PL.14095	A	Consumer	7.21Y	120.1	0.00	5.87	0.00	0	0	0	100	0.00	0.0	6.279	0.000	0	0	0	0
PL.5263	PL.13078	A	4ACSR	7.21Y	120.1	0.00	5.87	0.35	0	2	2	71	0.00	0.0	6.282	0.040	0	0	0	1
086319	PL.5263	A	Consumer	7.21Y	120.1	0.00	5.87	0.35	0	2	2	71	0.00	0.0	6.282	0.000	2	2	1	1
PL.13077	PL.13075	A	4ACSR	7.21Y	120.1	0.00	5.87	3.95	3	22	18	77	0.00	0.0	6.191	0.017	0	0	0	11
PL.13076	PL.13077	A	4ACSR	7.21Y	120.1	0.01	5.88	3.17	3	18	15	77	0.00	0.0	6.281	0.090	0	0	0	8
086317	PL.13076	A	Consumer	7.21Y	120.1	0.00	5.88	0.72	0	4	3	80	0.00	0.0	6.281	0.000	4	3	1	1
086320	PL.13076	A	Consumer	7.21Y	120.1	0.00	5.88	0.04	0	0	0	100	0.00	0.0	6.281	0.000	0	0	1	1
PL.25026	PL.13076	A	4ACSR	7.21Y	120.1	0.00	5.88	2.41	2	13	11	76	0.00	0.0	6.320	0.038	0	0	0	6
PL.14097	PL.25026	A	4ACSR	7.21Y	120.1	0.01	5.89	1.66	1	9	8	75	0.00	0.0	6.400	0.080	0	0	0	5
PL.16273	PL.14097	A	4ACSR	7.21Y	120.1	0.00	5.89	0.39	0	2	2	71	0.00	0.0	6.414	0.014	0	0	0	1
PD.2267	PL.16273	A	fuse6AMP	7.21Y	120.1	0.00	5.89	0.39	7	2	2	71	0.00	0.0	6.414	0.000	0	0	0	1
PL.16274	PD.2267	A	4ACSR	7.21Y	120.1	0.00	5.89	0.39	0	2	2	71	0.00	0.0	6.442	0.028	0	0	0	1
086311	PL.16274	A	Consumer	7.21Y	120.1	0.00	5.89	0.39	0	2	2	71	0.00	0.0	6.442	0.000	2	2	1	1
PL.25025	PL.16274	A	4ACSR	7.21Y	120.1	0.00	5.89	0.00	0	0	0	100	0.00	0.0	6.520	0.078	0	0	0	0
PL.14096	PL.14097	A	4ACSR	7.21Y	120.1	0.01	5.89	1.27	1	7	6	76	0.00	0.0	6.487	0.087	0	0	0	4
PL.14098	PL.14096	A	4ACSR	7.21Y	120.1	0.00	5.90	0.32	0	2	1	89	0.00	0.0	6.583	0.096	0	0	0	2
PL.14099	PL.14098	A	4ACSR	7.21Y	120.1	0.00	5.90	0.00	0	0	0	100	0.00	0.0	6.742	0.159	0	0	0	1
PL.36774	PL.14099	A	4ACSR	7.21Y	120.1	0.00	5.90	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	7.21Y	120.1	0.00	5.90	0.00	0	0	0	100	0.00	0.0	6.794	0.000	0	0	0	0
PL.16267	PL.14099	A	4ACSR	7.21Y	120.1	-0.00	5.90	0.00	0	0	0	100	0.00	0.0	6.754	0.012	0	0	0	1
PL.16268	PL.16267	A	4ACSR	7.21Y	120.1	0.00	5.90	0.00	0	0	0	100	0.00	0.0	6.860	0.106	0	0	0	1
085308	PL.16268	A	Consumer	7.21Y	120.1	0.00	5.90	0.00	0	0	0	100	0.00	0.0	6.860	0.000	0	0	1	1
PL.16269	PL.14098	A	4ACSR	7.21Y	120.1	0.00	5.90	0.32	0	2	1	89	0.00	0.0	6.594	0.011	0	0	0	1
PD.2264	PL.16269	A	fuse6AMP	7.21Y	120.1	0.00	5.90	0.32	5	2	1	89	0.00	0.0	6.594	0.000	0	0	0	1
PL.16270	PD.2264	A	4ACSR	7.21Y	120.1	0.00	5.90	0.32	0	2	1	89	0.00	0.0	6.672	0.078	0	0	0	1
085202	PL.16270	A	Consumer	7.21Y	120.1	0.00	5.90	0.32	0	2	1	89	0.00	0.0	6.672	0.000	2	1	1	1
PL.20591	PL.14096	A	4ACSR	7.21Y	120.1	0.00	5.89	0.00	0	0	0	100	0.00	0.0	6.503	0.016	0	0	0	0
PD.2265	PL.20591	A	fuse6AMP	7.21Y	120.1	0.00	5.89	0.00	0	0	0	100	0.00	0.0	6.503	0.000	0	0	0	0
PL.20592	PD.2265	A	4ACSR	7.21Y	120.1	0.00	5.89	0.00	0	0	0	100	0.00	0.0	6.580	0.078	0	0	0	0
085307	PL.20592	A	Consumer	7.21Y	120.1	0.00	5.89	0.00	0	0	0	100	0.00	0.0	6.580	0.000	0	0	0	0
085206	PL.14096	A	Consumer	7.21Y	120.1	0.00	5.89	0.04	0	0	0	100	0.00	0.0	6.487	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.16271	PL.14096	A	4ACSR	7.21Y	120.1	0.00	5.89	0.91	1	5	4	78	0.00	0.0	6.511	0.024	0	0	0	1
PD.2266	PL.16271	A	fuse6AMP	7.21Y	120.1	0.00	5.89	0.91	16	5	4	78	0.00	0.0	6.511	0.000	0	0	0	1
PL.16272	PD.2266	A	4ACSR	7.21Y	120.1	0.00	5.90	0.91	1	5	4	78	0.00	0.0	6.532	0.021	0	0	0	1
085204	PL.16272	A	Consumer	7.21Y	120.1	0.00	5.90	0.91	0	5	4	78	0.00	0.0	6.532	0.000	5	4	1	1
086202	PL.25026	A	Consumer	7.21Y	120.1	0.00	5.88	0.76	0	4	4	71	0.00	0.0	6.320	0.000	4	4	1	1
086339	PL.13077	A	Consumer	7.21Y	120.1	0.00	5.87	0.03	0	0	0	100	0.00	0.0	6.191	0.000	0	0	1	1
PL.16277	PL.13077	A	4ACSR	7.21Y	120.1	0.00	5.87	0.75	1	4	3	80	0.00	0.0	6.209	0.018	0	0	0	2
PD.2268	PL.16277	A	fuse6AMP	7.21Y	120.1	0.00	5.87	0.75	13	4	3	80	0.00	0.0	6.209	0.000	0	0	0	2
PL.16278	PD.2268	A	4ACSR	7.21Y	120.1	0.00	5.87	0.75	1	4	3	80	0.00	0.0	6.296	0.087	0	0	0	2
086322	PL.16278	A	Consumer	7.21Y	120.1	0.00	5.87	0.00	0	0	0	100	0.00	0.0	6.296	0.000	0	0	1	1
086316	PL.16278	A	Consumer	7.21Y	120.1	0.00	5.87	0.75	0	4	3	80	0.00	0.0	6.296	0.000	4	3	1	1
PL.16275	PL.13075	A	4ACSR	7.21Y	120.1	0.00	5.86	0.00	0	0	0	100	0.00	0.0	6.187	0.012	0	0	0	0
PD.2269	PL.16275	A	fuse6AMP	7.21Y	120.1	0.00	5.86	0.00	0	0	0	100	0.00	0.0	6.187	0.000	0	0	0	0
PL.16276	PD.2269	A	4ACSR	7.21Y	120.1	0.00	5.86	0.00	0	0	0	100	0.00	0.0	6.242	0.055	0	0	0	0
086313	PL.14550	A	Consumer	7.21Y	120.2	0.00	5.85	0.00	0	0	0	100	0.00	0.0	6.117	0.000	0	0	0	0
PL.16283	PL.13074	A	4ACSR	7.22Y	120.3	0.00	5.74	0.77	1	4	4	71	0.00	0.0	5.863	0.012	0	0	0	2
PD.2272	PL.16283	A	fuse6AMP	7.22Y	120.3	0.00	5.74	0.77	13	4	4	71	0.00	0.0	5.863	0.000	0	0	0	2
PL.16284	PD.2272	A	4ACSR	7.22Y	120.3	0.00	5.74	0.77	1	4	4	71	0.00	0.0	5.972	0.109	0	0	0	2
086340	PL.16284	A	Consumer	7.22Y	120.3	0.00	5.74	0.05	0	0	0	100	0.00	0.0	5.972	0.000	0	0	1	1
086309	PL.16284	A	Consumer	7.22Y	120.3	0.00	5.74	0.73	0	4	3	80	0.00	0.0	5.972	0.000	4	3	1	1
086307	PL.13074	A	Consumer	7.22Y	120.3	0.00	5.74	0.25	0	1	1	71	0.00	0.0	5.852	0.000	1	1	1	1
PL.16285	PL.20692	A	4ACSR	7.22Y	120.3	0.00	5.65	0.33	0	2	2	71	0.00	0.0	5.687	0.011	0	0	0	2
PD.2273	PL.16285	A	fuse6AMP	7.22Y	120.3	0.00	5.65	0.33	6	2	2	71	0.00	0.0	5.687	0.000	0	0	0	2
PL.16286	PD.2273	A	4ACSR	7.22Y	120.3	0.00	5.65	0.33	0	2	2	71	0.00	0.0	5.772	0.085	0	0	0	2
086303	PL.16286	A	Consumer	7.22Y	120.3	0.00	5.65	0.31	0	2	1	89	0.00	0.0	5.772	0.000	2	1	1	1
0863041	PL.16286	A	Consumer	7.22Y	120.3	0.00	5.65	0.01	0	0	0	100	0.00	0.0	5.772	0.000	0	0	1	1
086310	PL.13070	A	Consumer	7.23Y	120.5	0.00	5.54	0.52	0	3	2	83	0.00	0.0	5.472	0.000	3	2	1	1
PL.16021	PL.13071	A	4ACSR	7.23Y	120.5	0.00	5.46	0.48	0	3	2	83	0.00	0.0	5.358	0.018	0	0	0	1
PD.2276	PL.16021	A	fuse6AMP	7.23Y	120.5	0.00	5.46	0.48	8	3	2	83	0.00	0.0	5.358	0.000	0	0	0	1
PL.16022	PD.2276	A	4ACSR	7.23Y	120.5	0.00	5.46	0.48	0	3	2	83	0.00	0.0	5.424	0.065	0	0	0	1
086332	PL.16022	A	Consumer	7.23Y	120.5	0.00	5.46	0.48	0	3	2	83	0.00	0.0	5.424	0.000	3	2	1	1
PL.16023	PL.13071	A	4ACSR	7.23Y	120.5	0.00	5.46	0.02	0	0	0	100	0.00	0.0	5.358	0.018	0	0	0	1
PD.2277	PL.16023	A	fuse6AMP	7.23Y	120.5	0.00	5.46	0.02	0	0	0	100	0.00	0.0	5.358	0.000	0	0	0	1
PL.16024	PD.2277	A	4ACSR	7.23Y	120.5	0.00	5.46	0.02	0	0	0	100	0.00	0.0	5.392	0.034	0	0	0	1
086329	PL.16024	A	Consumer	7.23Y	120.5	0.00	5.46	0.02	0	0	0	100	0.00	0.0	5.392	0.000	0	0	1	1
086318	PL.13071	A	Consumer	7.23Y	120.5	0.00	5.46	0.37	0	2	2	71	0.00	0.0	5.340	0.000	2	2	1	1
PL.13068	PL.13067	A	4ACSR	7.24Y	120.6	0.00	5.37	0.75	1	4	3	80	0.00	0.0	5.239	0.030	0	0	0	1
086334	PL.13068	A	Consumer	7.24Y	120.6	0.00	5.37	0.75	0	4	3	80	0.00	0.0	5.239	0.000	4	3	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.35572, PD.5225, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 (BOWEN1) beginning with device PD.3930.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 On	Cons Thru
																	KW	KVAR		
PL.14387	PL.14386	A	397ACSR	7.54Y	125.7	0.11	0.32	72.16	15	488	242	90	0.78	0.0	0.547	0.184	0	0	0	86
		B		7.53Y	125.6	0.15	0.43	86.18	18	573	306	88					0	0	0	143
		C		7.54Y	125.7	0.10	0.31	75.12	15	499	268	88					0	0	0	124
083532	PL.14387	B	Consumer	7.53Y	125.6	0.00	0.43	0.46	0	3	2	83	0.00	0.0	0.547	0.000	3	2	1	1
PL.14388	PL.14387	A	397ACSR	7.54Y	125.7	0.02	0.35	72.16	15	488	242	90	0.18	0.0	0.588	0.042	0	0	0	86
		B		7.53Y	125.5	0.03	0.47	85.73	17	570	303	88					0	0	0	142
		C		7.54Y	125.7	0.02	0.33	75.12	15	499	268	88					0	0	0	124
PL.14389	PL.14388	A	397ACSR	7.54Y	125.6	0.01	0.36	72.16	15	487	241	90	0.09	0.0	0.611	0.022	0	0	0	86
		B		7.53Y	125.5	0.02	0.48	85.11	17	567	300	88					0	0	0	141
		C		7.54Y	125.7	0.01	0.35	75.12	15	499	268	88					0	0	0	124
PL.8447	PL.14389	A	397ACSR	7.54Y	125.6	0.04	0.40	72.16	15	487	241	90	0.29	0.0	0.680	0.070	0	0	0	86
		B		7.53Y	125.5	0.05	0.54	85.11	17	567	300	88					0	0	0	141
		C		7.54Y	125.6	0.04	0.38	75.12	15	499	268	88					0	0	0	124
PL.27965	PL.8447	A	397ACSR	7.53Y	125.6	0.05	0.45	72.16	15	487	241	90	0.33	0.0	0.761	0.081	0	0	0	86
		B		7.52Y	125.4	0.06	0.60	83.81	17	559	293	89					0	0	0	140
		C		7.53Y	125.6	0.05	0.43	75.09	15	499	267	88					0	0	0	123
PL.27966	PL.27965	A	397ACSR	7.53Y	125.5	0.03	0.48	72.16	15	487	241	90	0.21	0.0	0.813	0.052	0	0	0	86
		B		7.52Y	125.4	0.04	0.64	83.36	17	556	290	89					0	0	0	139
		C		7.53Y	125.5	0.03	0.46	75.09	15	499	267	88					0	0	0	123
PL.8440	PL.27966	A	397ACSR	7.53Y	125.5	0.03	0.51	72.16	15	487	241	90	0.19	0.0	0.859	0.046	0	0	0	86
		B		7.52Y	125.3	0.03	0.67	83.36	17	556	290	89					0	0	0	139
		C		7.53Y	125.5	0.03	0.49	75.09	15	499	267	88					0	0	0	123
084562	PL.8440	A	Consumer	7.53Y	125.5	0.00	0.51	0.67	0	4	3	80	0.00	0.0	0.859	0.000	4	3	1	1
084509	PL.8440	A	Consumer	7.53Y	125.5	0.00	0.51	0.55	0	3	3	71	0.00	0.0	0.859	0.000	3	3	1	1
084557	PL.8440	A	Consumer	7.53Y	125.5	0.00	0.51	0.09	0	1	0	100	0.00	0.0	0.859	0.000	1	0	1	1
PL.26795	PL.8440	A	397ACSR	7.53Y	125.5	0.02	0.53	70.72	14	479	234	90	0.16	0.0	0.897	0.038	0	0	0	82
		B		7.52Y	125.3	0.03	0.70	83.36	17	556	290	89					0	0	0	139
		C		7.53Y	125.5	0.02	0.51	75.09	15	499	267	88					0	0	0	123
PL.26796	PL.26795	A	1/0EPRJCN	7.53Y	125.5	0.01	0.54	70.72	37	478	234	90	0.17	0.0	0.908	0.011	0	0	0	82
		B		7.52Y	125.3	0.01	0.71	83.36	44	556	289	89					0	0	0	139
		C		7.53Y	125.5	0.01	0.52	75.09	40	499	266	88					0	0	0	123
PL.15978	PL.26796	A	1/0EPRJCN	7.53Y	125.5	0.01	0.55	70.44	37	477	232	90	0.12	0.0	0.916	0.008	0	0	0	81
		B		7.52Y	125.3	0.01	0.72	83.36	44	556	290	89					0	0	0	139
		C		7.53Y	125.5	0.01	0.53	75.09	40	499	266	88					0	0	0	123
PD.744-A	PL.15978	A	Closed	7.53Y	125.5	0.00	0.55	70.44	0	477	232	90	0.00	0.0	0.916	0.000	0	0	0	81
		B		7.52Y	125.3	0.00	0.72	83.36	0	556	290	89					0	0	0	139
		C		7.53Y	125.5	0.00	0.53	75.09	0	499	266	88					0	0	0	123
PD.744-B	PD.744-A	A	Closed	7.53Y	125.5	0.00	0.55	70.44	0	477	232	90	0.00	0.0	0.916	0.000	0	0	0	81
		B		7.52Y	125.3	0.00	0.72	83.36	0	556	290	89					0	0	0	139
		C		7.53Y	125.5	0.00	0.53	75.09	0	499	266	88					0	0	0	123
PL.15979	PD.744-B	A	1/0EPRJCN	7.52Y	125.3	0.17	0.72	70.44	37	477	232	90	2.42	0.2	1.066	0.151	0	0	0	81
		B		7.50Y	125.1	0.21	0.93	83.36	44	556	290	89					0	0	0	139
		C		7.52Y	125.3	0.19	0.72	75.09	40	499	266	88					0	0	0	123
PD.745-A	PL.15979	A	Closed	7.52Y	125.3	0.00	0.72	70.49	0	476	233	90	0.00	0.0	1.066	0.000	0	0	0	81
		B		7.50Y	125.1	0.00	0.93	83.40	0	555	290	89					0	0	0	139
		C		7.52Y	125.3	0.00	0.72	75.14	0	498	267	88					0	0	0	123
PD.745-B	PD.745-A	A	Closed	7.52Y	125.3	0.00	0.72	70.49	0	476	233	90	0.00	0.0	1.066	0.000	0	0	0	81
		B		7.50Y	125.1	0.00	0.93	83.40	0	555	290	89					0	0	0	139
		C		7.52Y	125.3	0.00	0.72	75.14	0	498	267	88					0	0	0	123
PL.403	PD.745-B	A	336ACSR	7.51Y	125.2	0.07	0.79	70.49	16	476	233	90	0.57	0.0	1.185	0.119	0	0	0	81
		B		7.50Y	125.0	0.10	1.03	83.40	19	555	290	89					0	0	0	139
		C		7.51Y	125.2	0.08	0.79	75.14	17	498	267	88					0	0	0	123
PL.25299	PL.403	A	336ACSR	7.50Y	125.0	0.16	0.95	70.49	16	476	232	90	1.31	0.1	1.459	0.273	0	0	0	81
		B		7.48Y	124.7	0.22	1.25	83.40	19	554	289	89					0	0	0	139
		C		7.50Y	125.0	0.17	0.97	75.14	17	498	266	88					0	0	0	123

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.26597	PL.25299	A	336ACSR	7.50Y	125.0	0.03	0.99	70.49	16	475	231	90	0.27	0.0	1.515	0.057	0	0	0	81		
		B		7.48Y	124.7	0.05	1.30	83.40	19	554	288	89					0	0	0	139		
		C		7.50Y	125.0	0.04	1.00	75.14	17	497	265	88					0	0	0	123		
PL.17263	PL.26597	A	4ACSR	7.50Y	125.0	0.00	0.99	0.50	0	3	2	83	0.00	0.0	1.520	0.005	0	0	0	1		
PD.1156	PL.17263	A	fuse6AMP	7.50Y	125.0	0.00	0.99	0.50	8	3	2	83	0.00	0.0	1.520	0.000	0	0	0	1		
PL.17264	PD.1156	A	4ACSR	7.50Y	125.0	0.00	0.99	0.50	0	3	2	83	0.00	0.0	1.560	0.040	0	0	0	1		
083629	PL.17264	A	Consumer	7.50Y	125.0	0.00	0.99	0.50	0	3	2	83	0.00	0.0	1.560	0.000	3	2	1	1		
PL.26598	PL.26597	A	1/0ACSR	7.49Y	124.8	0.24	1.23	70.00	35	473	229	90	2.83	0.2	1.704	0.188	0	0	0	80		
		B		7.46Y	124.4	0.32	1.62	83.40	41	554	288	89					0	0	0	139		
		C		7.48Y	124.7	0.26	1.27	75.14	37	497	265	88					0	0	0	123		
PL.8304	PL.26598	A	1/0ACSR	7.48Y	124.7	0.10	1.33	68.32	34	462	220	90	1.21	0.1	1.785	0.081	0	0	0	74		
		B		7.45Y	124.2	0.14	1.75	83.40	41	553	287	89					0	0	0	139		
		C		7.48Y	124.6	0.11	1.38	75.04	37	496	264	88					0	0	0	122		
083618	PL.8304	B	Consumer	7.45Y	124.2	0.00	1.75	0.31	0	2	2	71	0.00	0.0	1.785	0.000	2	2	1	1		
083620	PL.8304	B	Consumer	7.45Y	124.2	0.00	1.75	0.12	0	1	1	71	0.00	0.0	1.785	0.000	1	1	1	1		
083632	PL.8304	B	Consumer	7.45Y	124.2	0.00	1.75	0.56	0	3	3	71	0.00	0.0	1.785	0.000	3	3	1	1		
PL.19222	PL.8304	A	1/0ACSR	7.48Y	124.6	0.05	1.38	68.32	34	461	220	90	0.57	0.0	1.824	0.039	0	0	0	74		
		B		7.45Y	124.2	0.07	1.82	82.44	41	546	281	89					0	0	0	136		
		C		7.47Y	124.6	0.05	1.43	75.04	37	495	263	88					0	0	0	122		
PL.19223	PL.19222	A	1/0ACSR	7.48Y	124.6	0.03	1.41	68.32	34	461	219	90	0.38	0.0	1.850	0.026	0	0	0	74		
		B		7.45Y	124.1	0.04	1.86	82.00	41	543	280	89					0	0	0	135		
		C		7.47Y	124.5	0.04	1.47	75.04	37	495	263	88					0	0	0	122		
PL.16364	PL.19223	C	4ACSR	7.47Y	124.5	0.00	1.47	1.16	1	7	6	76	0.00	0.0	1.856	0.006	0	0	0	3		
PD.1157	PL.16364	C	fuse6AMP	7.47Y	124.5	0.00	1.47	1.16	20	7	6	76	0.00	0.0	1.856	0.000	0	0	0	3		
PL.16365	PD.1157	C	4ACSR	7.47Y	124.5	0.01	1.48	1.16	1	7	6	76	0.00	0.0	2.006	0.150	0	0	0	3		
083627	PL.16365	C	Consumer	7.47Y	124.5	0.00	1.48	0.46	0	3	2	83	0.00	0.0	2.006	0.000	3	2	1	1		
083625	PL.16365	C	Consumer	7.47Y	124.5	0.00	1.48	0.29	0	2	1	89	0.00	0.0	2.006	0.000	2	1	1	1		
083605	PL.16365	C	Consumer	7.47Y	124.5	0.00	1.48	0.41	0	2	2	71	0.00	0.0	2.006	0.000	2	2	1	1		
PL.26596	PL.19223	A	1/0ACSR	7.44Y	124.0	0.56	1.98	68.32	34	461	219	90	6.48	0.4	2.297	0.447	0	0	0	74		
		B		7.40Y	123.4	0.75	2.61	82.00	41	543	280	89					0	0	0	135		
		C		7.44Y	123.9	0.61	2.08	73.91	37	488	258	88					0	0	0	118		
PL.20901	PL.26596	A	4ACSR	7.44Y	124.0	0.00	1.98	1.04	1	6	5	77	0.00	0.0	2.304	0.007	0	0	0	3		
PD.1159	PL.20901	A	fuse6AMP	7.44Y	124.0	0.00	1.98	1.04	18	6	5	77	0.00	0.0	2.304	0.000	0	0	0	3		
PL.20902	PD.1159	A	4ACSR	7.44Y	124.0	0.00	1.98	1.04	1	6	5	77	0.00	0.0	2.324	0.020	0	0	0	3		
084625	PL.20902	A	Consumer	7.44Y	124.0	0.00	1.98	0.62	0	4	3	80	0.00	0.0	2.324	0.000	4	3	1	1		
084624	PL.20902	A	Consumer	7.44Y	124.0	0.00	1.98	0.40	0	2	2	71	0.00	0.0	2.324	0.000	2	2	1	1		
084609	PL.20902	A	Consumer	7.44Y	124.0	0.00	1.98	0.02	0	0	0	100	0.00	0.0	2.324	0.000	0	0	1	1		
PL.16362	PL.26596	C	4ACSR	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	2.303	0.006	0	0	0	0		
PD.1158	PL.16362	C	fuse6AMP	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	2.303	0.000	0	0	0	0		
PL.16363	PD.1158	C	4ACSR	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	2.408	0.105	0	0	0	0		
0846025	PL.16363	C	Consumer	7.44Y	123.9	0.00	2.08	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	7.44Y	124.0	0.06	2.04	67.32	33	453	213	90	0.71	0.0	2.346	0.049	0	0	0	71		
		B		7.40Y	123.3	0.08	2.69	82.00	41	540	277	89					0	0	0	135		
		C		7.43Y	123.9	0.07	2.15	73.91	37	487	255	89					0	0	0	118		

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. Rows include elements like PL.398, PL.7514, 561102, C PL.27612, PD.2832-A, PD.2832-B, PL.19790, 561101, 561104, 561103, PL.19791, 561203, 561205, PL.19767, PL.19768, C PL.26605, 5632003, PL.20242, PD.2833, PL.20243, 563201, 563202, PL.26606, PL.26607, PL.20607.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	mi						Length	Cons On	Cons Thru	
PL.20608	PL.20607	A	1/0ACSR	7.39Y	123.2	0.06	2.85	65.10	32	438	200	91	0.60	0.0	3.023	0.052	0	0	0	65	
		B		7.35Y	122.5	0.06	3.49	60.52	30	407	180	91					0	0	0	65	
		C		7.37Y	122.8	0.08	3.18	73.30	36	479	250	89					0	0	0	116	
PL.8343	PL.20608	A	1/0ACSR	7.38Y	123.1	0.08	2.93	65.10	32	437	200	91	0.78	0.1	3.092	0.068	0	0	0	65	
		B		7.35Y	122.4	0.07	3.56	60.52	30	407	180	91					0	0	0	65	
		C		7.36Y	122.7	0.10	3.29	73.30	36	479	250	89					0	0	0	116	
567404	PL.8343	C	Consumer	7.36Y	122.7	0.00	3.29	0.02	0	0	0	100	0.00	0.0	3.092	0.000	0	0	1	1	
PL.26608	PL.8343	A	1/0ACSR	7.38Y	123.0	0.07	3.00	65.10	32	437	200	91	0.51	0.0	3.147	0.055	0	0	0	65	
		B		7.34Y	122.4	0.06	3.62	60.52	30	407	180	91					0	0	0	65	
		C		7.36Y	122.7	0.05	3.34	53.15	26	359	155	92					0	0	0	57	
PL.39248	PL.26608	B	4ACSR	7.34Y	122.4	0.00	3.62	0.74	1	4	4	71	0.00	0.0	3.149	0.002	0	0	0	2	
PD.6888	PL.39248	B	fuse6AMP	7.34Y	122.4	0.00	3.62	0.74	13	4	4	71	0.00	0.0	3.149	0.000	0	0	0	2	
PL.39250	PD.6888	B	4ACSR	7.34Y	122.4	0.00	3.63	0.41	0	2	2	71	0.00	0.0	3.223	0.074	0	0	0	1	
568301	PL.39250	B	Consumer	7.34Y	122.4	0.00	3.63	0.41	0	2	2	71	0.00	0.0	3.223	0.000	2	2	1	1	
PL.39249	PD.6888	B	4ACSR	7.34Y	122.4	0.00	3.62	0.34	0	2	2	71	0.00	0.0	3.158	0.009	0	0	0	1	
PL.7509	PL.39249	B	4ACSR	7.34Y	122.4	0.00	3.63	0.34	0	2	2	71	0.00	0.0	3.298	0.140	0	0	0	1	
567301	PL.7509	B	Consumer	7.34Y	122.4	0.00	3.63	0.34	0	2	2	71	0.00	0.0	3.298	0.000	2	2	1	1	
PL.26609	PL.26608	A	336ACSR	7.38Y	122.9	0.05	3.05	65.10	15	437	200	91	0.22	0.0	3.223	0.077	0	0	0	65	
		B		7.34Y	122.3	0.04	3.66	59.81	14	402	176	92					0	0	0	63	
		C		7.36Y	122.6	0.03	3.37	53.15	12	359	155	92					0	0	0	57	
PL.7515	PL.26609	A	336ACSR	7.38Y	122.9	0.02	3.07	65.10	15	437	199	91	0.10	0.0	3.257	0.033	0	0	0	65	
		B		7.34Y	122.3	0.01	3.67	59.23	13	399	173	92					0	0	0	60	
		C		7.36Y	122.6	0.01	3.39	53.15	12	359	155	92					0	0	0	57	
PL.7516	PL.7515	A	336ACSR	7.37Y	122.9	0.05	3.12	65.07	15	437	199	91	0.24	0.0	3.338	0.082	0	0	0	64	
		B		7.34Y	122.3	0.04	3.71	58.95	13	397	172	92					0	0	0	59	
		C		7.35Y	122.6	0.03	3.42	53.15	12	359	155	92					0	0	0	57	
568508	PL.7516	A	Consumer	7.37Y	122.9	0.00	3.12	0.08	0	0	0	100	0.00	0.0	3.338	0.000	0	0	1	1	
568503	PL.7516	A	Consumer	7.37Y	122.9	0.00	3.12	0.27	0	2	1	89	0.00	0.0	3.338	0.000	2	1	1	1	
5685011	PL.7516	A	Consumer	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	3.338	0.000	0	0	1	1	
568510	PL.7516	A	Consumer	7.37Y	122.9	0.00	3.12	0.05	0	0	0	100	0.00	0.0	3.338	0.000	0	0	1	1	
PL.39287	PL.7516	B	2ACSR	7.34Y	122.3	0.00	3.71	3.19	2	18	15	77	0.00	0.0	3.344	0.005	0	0	0	10	
PD.3830	PL.39287	B	fuse6AMP	7.34Y	122.3	0.00	3.71	3.19	55	18	15	77	0.00	0.0	3.344	0.000	0	0	0	10	
PL.30844	PD.3830	B	2ACSR	7.34Y	122.3	0.02	3.73	3.19	2	18	15	77	0.00	0.0	3.548	0.204	0	0	0	10	
PL.42170	PL.30844	B	2ACSR	7.34Y	122.3	0.00	3.73	0.51	0	3	2	83	0.00	0.0	3.571	0.024	0	0	0	1	
0857021	PL.42170	B	Consumer	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	3.571	0.000	0	0	0	0	
PL.42171	PL.42170	B	2ACSR	7.34Y	122.3	0.00	3.73	0.51	0	3	2	83	0.00	0.0	3.606	0.034	0	0	0	1	
0857020	PL.42171	B	Consumer	7.34Y	122.3	0.00	3.73	0.51	0	3	2	83	0.00	0.0	3.606	0.000	3	2	1	1	
0857027	PL.42171	B	Consumer	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	3.606	0.000	0	0	0	0	
PL.41215	PL.42171	B	2ACSR	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	3.641	0.036	0	0	0	0	
0857019	PL.30844	B	Consumer	7.34Y	122.3	0.00	3.73	0.03	0	0	0	100	0.00	0.0	3.548	0.000	0	0	1	1	
PL.42172	PL.30844	B	2ACSR	7.34Y	122.3	0.01	3.74	2.65	2	15	12	78	0.00	0.0	3.606	0.058	0	0	0	8	
PL.42173	PL.42172	B	2ACSR	7.34Y	122.3	0.00	3.74	2.65	2	15	12	78	0.00	0.0	3.643	0.037	0	0	0	8	
PL.32796	PL.42173	B	2ACSR	7.33Y	122.2	0.01	3.75	2.50	2	14	12	76	0.00	0.0	3.750	0.107	0	0	0	7	
PL.32798	PL.32796	B	2ACSR	7.33Y	122.2	0.00	3.75	0.00	0	0	0	100	0.00	0.0	3.780	0.030	0	0	0	1	

Unbalanced Voltage Drop Report
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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
0857017	PL.32798	B	Consumer	7.33Y	122.2	0.00	3.75	0.00	0	0	0	100	0.00	0.0	3.780	0.000	0	0	1	1
PL.33205	PL.32796	B	2ACSR	7.33Y	122.2	0.01	3.76	2.46	2	14	12	76	0.00	0.0	3.814	0.064	0	0	0	2
PL.33206	PL.33205	B	2ACSR	7.33Y	122.2	0.00	3.76	0.86	1	5	4	78	0.00	0.0	3.853	0.038	0	0	0	1
0857016	PL.33206	B	Consumer	7.33Y	122.2	0.00	3.76	0.86	0	5	4	78	0.00	0.0	3.853	0.000	5	4	1	1
0857015	PL.33205	B	Consumer	7.33Y	122.2	0.00	3.76	1.60	0	9	8	75	0.00	0.0	3.814	0.000	9	8	1	1
PL.43908	PL.32796	B	2ACSR	7.33Y	122.2	0.00	3.75	0.04	0	0	0	100	0.00	0.0	3.779	0.028	0	0	0	4
PL.45986	PL.43908	B	2ACSR	7.33Y	122.2	0.00	3.75	0.03	0	0	0	100	0.00	0.0	3.800	0.022	0	0	0	3
0857026	PL.45986	B	Consumer	7.33Y	122.2	0.00	3.75	0.00	0	0	0	100	0.00	0.0	3.800	0.000	0	0	0	0
PL.45987	PL.45986	B	2ACSR	7.33Y	122.2	0.00	3.75	0.03	0	0	0	100	0.00	0.0	3.820	0.020	0	0	0	3
0857025	PL.45987	B	Consumer	7.33Y	122.2	0.00	3.75	0.00	0	0	0	100	0.00	0.0	3.820	0.000	0	0	1	1
PL.44715	PL.45987	B	2ACSR	7.33Y	122.2	0.00	3.75	0.03	0	0	0	100	0.00	0.0	3.945	0.125	0	0	0	2
PL.42277	PL.44715	B	2ACSR	7.33Y	122.2	0.00	3.75	0.03	0	0	0	100	0.00	0.0	3.993	0.048	0	0	0	1
0857023	PL.42277	B	Consumer	7.33Y	122.2	0.00	3.75	0.03	0	0	0	100	0.00	0.0	3.993	0.000	0	0	1	1
0857018	PL.44715	B	Consumer	7.33Y	122.2	0.00	3.75	0.00	0	0	0	100	0.00	0.0	3.945	0.000	0	0	1	1
0857024	PL.43908	B	Consumer	7.33Y	122.2	0.00	3.75	0.01	0	0	0	100	0.00	0.0	3.779	0.000	0	0	1	1
PL.31877	PL.42173	B	2ACSR	7.34Y	122.3	0.00	3.74	0.15	0	1	1	71	0.00	0.0	3.685	0.042	0	0	0	1
PL.31878	PL.31877	B	2ACSR	7.34Y	122.3	0.00	3.74	0.15	0	1	1	71	0.00	0.0	3.704	0.019	0	0	0	1
5694002	PL.31878	B	Consumer	7.34Y	122.3	0.00	3.74	0.15	0	1	1	71	0.00	0.0	3.704	0.000	1	1	1	1
0857022	PL.42172	B	Consumer	7.34Y	122.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	3.606	0.000	0	0	0	0
PL.30347	PL.7516	A B C	336ACSR	7.37Y 7.34Y 7.35Y	122.9 122.3 122.6	0.02 0.01 0.01	3.14 3.72 3.44	64.67 55.90 53.15	15 13 12	434 379 359	197 157 155	91 92 92	0.09 0.0 0.0	0.0	3.370	0.031	0 0 0	0 0 0	0 49 57	60
PL.30348	PL.30347	A B C	336ACSR	7.36Y 7.33Y 7.35Y	122.7 122.2 122.5	0.12 0.07 0.08	3.26 3.80 3.52	64.67 55.90 53.15	15 13 12	434 379 359	197 156 155	91 92 92	0.53 0.0 0.0	0.0	3.559	0.190	0 0 0	0 0 0	0 49 57	60
PL.30344	PL.30348	A B C	336ACSR	7.36Y 7.33Y 7.35Y	122.7 122.2 122.5	0.01 0.01 0.01	3.28 3.81 3.53	64.67 55.90 53.15	15 13 12	434 379 359	196 156 155	91 92 92	0.06 0.0 0.0	0.0	3.582	0.023	0 0 0	0 0 0	0 49 57	60
PD.3827-A	PL.30344	A B C	Closed	7.36Y 7.33Y 7.35Y	122.7 122.2 122.5	0.00 0.00 0.00	3.28 3.81 3.53	64.67 55.90 53.15	0 0 0	434 379 359	196 156 155	91 92 92	0.00 0.0 0.0	0.0	3.582	0.000	0 0 0	0 0 0	0 49 57	60
PD.3827-B	PD.3827-A	A B C	Closed	7.36Y 7.33Y 7.35Y	122.7 122.2 122.5	0.00 0.00 0.00	3.28 3.81 3.53	64.67 55.90 53.15	0 0 0	434 379 359	196 156 155	91 92 92	0.00 0.0 0.0	0.0	3.582	0.000	0 0 0	0 0 0	0 49 57	60
PL.30345	PD.3827-B	A B C	336ACSR	7.36Y 7.33Y 7.35Y	122.7 122.2 122.5	0.02 0.02 0.02	3.30 3.82 3.55	64.67 55.90 53.15	15 13 12	434 379 359	196 156 155	91 92 92	0.11 0.0 0.0	0.0	3.621	0.038	0 0 0	0 0 0	0 49 57	60
PL.17938	PL.30345	A B C	336ACSR	7.34Y 7.32Y 7.33Y	122.4 122.0 122.2	0.33 0.21 0.23	3.63 4.03 3.78	64.67 55.90 53.15	15 13 12	434 379 359	196 156 154	91 92 92	1.46 0.1 0.1	0.1	4.145	0.524	0 0 0	0 0 0	0 49 57	60
PL.26850	PL.17938	B	4ACSR	7.32Y	122.0	0.00	4.03	1.08	1	6	5	77	0.00	0.0	4.155	0.010	0	0	0	3
PD.2046	PL.26850	B	fuse6AMP	7.32Y	122.0	0.00	4.03	1.08	18	6	5	77	0.00	0.0	4.155	0.000	0	0	0	3
PL.26851	PD.2046	B	4ACSR	7.32Y	122.0	0.01	4.04	1.08	1	6	5	77	0.00	0.0	4.363	0.208	0	0	0	3
085704	PL.26851	B	Consumer	7.32Y	122.0	0.00	4.04	0.47	0	3	2	83	0.00	0.0	4.363	0.000	3	2	1	1
PL.8461	PL.26851	B	4ACSR	7.32Y	122.0	0.00	4.04	0.61	1	3	3	71	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\SUMMER\PROPOSED SUMMER 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 085708, 085712, PL.26620, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.45914	PD.8684	A	6ACWC	7.50Y	125.0	0.06	0.99	34.15	29	246	72	96	0.39	0.0	5.325	0.041	0	0	0	16		
		B		7.50Y	125.0	0.08	1.05	45.51	39	320	120	94					0	0	0	37		
		C		7.51Y	125.2	0.05	0.79	33.68	29	243	70	96					0	0	0	10		
PL.25091	PL.45914	A	6ACWC	7.49Y	124.9	0.10	1.09	32.42	27	235	63	97	0.75	0.1	5.405	0.080	0	0	0	13		
		B		7.49Y	124.8	0.15	1.20	45.51	39	319	120	94					0	0	0	37		
		C		7.51Y	125.1	0.09	0.88	33.68	29	243	70	96					0	0	0	10		
PL.26859	PL.25091	A	4ACSR	7.49Y	124.9	0.00	1.09	0.00	0	0	0	100	0.00	0.0	5.414	0.009	0	0	0	0		
PD.2874	PL.26859	A	fuse6AMP	7.49Y	124.9	0.00	1.09	0.00	0	0	0	100	0.00	0.0	5.414	0.000	0	0	0	0		
PL.20483	PL.25091	A	6ACWC	7.49Y	124.9	0.04	1.14	32.42	27	235	63	97	0.32	0.0	5.440	0.035	0	0	0	13		
		B		7.48Y	124.7	0.07	1.26	44.98	38	316	117	94					0	0	0	32		
		C		7.50Y	125.1	0.04	0.92	32.59	28	236	65	96					0	0	0	8		
596412	PL.20483	A	Consumer	7.49Y	124.9	0.00	1.14	0.01	0	0	0	100	0.00	0.0	5.440	0.000	0	0	1	1		
		C		7.50Y	125.1	0.00	0.92	0.01	0	0	0	90					0	0	1	1		
PL.20484	PL.20483	A	6ACWC	7.49Y	124.8	0.04	1.17	32.41	27	235	63	97	0.25	0.0	5.468	0.027	0	0	0	12		
		B		7.48Y	124.7	0.05	1.32	44.98	38	316	117	94					0	0	0	32		
		C		7.50Y	125.0	0.03	0.95	32.58	28	236	65	96					0	0	0	8		
PL.25100	PL.20484	A	6ACWC	7.48Y	124.7	0.09	1.26	32.41	27	235	63	97	0.63	0.1	5.538	0.070	0	0	0	12		
		B		7.47Y	124.6	0.13	1.45	44.61	38	313	115	94					0	0	0	29		
		C		7.50Y	125.0	0.08	1.03	32.58	28	236	65	96					0	0	0	8		
PL.25101	PL.25100	A	6ACWC	7.48Y	124.7	0.02	1.28	32.41	27	234	62	97	0.14	0.0	5.553	0.015	0	0	0	12		
		B		7.47Y	124.5	0.03	1.48	44.61	38	313	115	94					0	0	0	29		
		C		7.50Y	124.9	0.02	1.05	32.58	28	235	65	96					0	0	0	8		
597504	PL.25101	B	Consumer	7.47Y	124.5	0.00	1.48	0.01	0	0	0	100	0.00	0.0	5.553	0.000	0	0	1	1		
597503	PL.25101	B	Consumer	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	5.553	0.000	0	0	1	1		
597501	PL.25101	B	Consumer	7.47Y	124.5	0.00	1.48	0.06	0	0	0	100	0.00	0.0	5.553	0.000	0	0	1	1		
PL.6850	PL.25101	A	6ACWC	7.48Y	124.6	0.12	1.40	32.41	27	234	62	97	0.85	0.1	5.647	0.094	0	0	0	12		
		B		7.46Y	124.3	0.17	1.65	44.54	38	312	115	94					0	0	0	26		
		C		7.49Y	124.8	0.11	1.16	32.58	28	235	65	96					0	0	0	8		
PL.6851	PL.6850	A	6ACWC	7.47Y	124.4	0.18	1.58	32.41	27	234	62	97	1.23	0.2	5.785	0.139	0	0	0	12		
		B		7.45Y	124.1	0.25	1.90	43.85	37	308	111	94					0	0	0	24		
		C		7.48Y	124.7	0.16	1.32	32.58	28	235	65	96					0	0	0	8		
PL.14354	PL.6851	A	6ACWC	7.46Y	124.3	0.08	1.66	32.41	27	234	62	97	0.50	0.1	5.846	0.060	0	0	0	12		
		B		7.44Y	124.0	0.10	2.01	41.28	35	290	102	94					0	0	0	23		
		C		7.48Y	124.6	0.07	1.39	32.23	27	233	63	97					0	0	0	6		
PL.3585	PL.14354	B	2ACSR	7.44Y	124.0	0.02	2.03	9.19	6	61	32	89	0.01	0.0	5.924	0.078	0	0	0	8		
598705	PL.3585	B	Consumer	7.44Y	124.0	0.00	2.03	0.59	0	3	3	71	0.00	0.0	5.924	0.000	3	3	1	1		
598710	PL.3585	B	Consumer	7.44Y	124.0	0.00	2.03	0.29	0	2	1	89	0.00	0.0	5.924	0.000	2	1	1	1		
598703	PL.3585	B	Consumer	7.44Y	124.0	0.00	2.03	1.65	0	11	5	91	0.00	0.0	5.924	0.000	11	5	1	1		
598709	PL.3585	B	Consumer	7.44Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	5.924	0.000	0	0	1	1		
PL.3147	PL.3585	B	2ACSR	7.44Y	124.0	0.01	2.04	6.68	4	45	22	90	0.00	0.0	5.948	0.024	0	0	0	4		
599701	PL.3147	B	Consumer	7.44Y	124.0	0.00	2.04	0.00	0	0	0	100	0.00	0.0	5.948	0.000	0	0	0	0		
598708	PL.3147	B	Consumer	7.44Y	124.0	0.00	2.04	0.17	0	1	1	71	0.00	0.0	5.948	0.000	1	1	1	1		
598706	PL.3147	B	Consumer	7.44Y	124.0	0.00	2.04	0.26	0	1	1	71	0.00	0.0	5.948	0.000	1	1	1	1		
598704	PL.3147	B	Consumer	7.44Y	124.0	0.00	2.04	0.34	0	2	1	89	0.00	0.0	5.948	0.000	2	1	1	1		
PL.3146	PL.3147	B	2ACSR	7.44Y	124.0	0.01	2.04	5.93	4	40	19	90	0.00	0.0	5.979	0.031	0	0	0	1		
PL.3148	PL.3146	B	2ACSR	7.44Y	123.9	0.01	2.05	5.93	4	40	19	90	0.00	0.0	6.033	0.053	0	0	0	1		
598801	PL.3148	B	Consumer	7.44Y	123.9	0.00	2.05	5.93	0	40	19	90	0.00	0.0	6.033	0.000	40	19	1	1		

Unbalanced Voltage Drop Report
Source: BOWEN

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

		Units Displayed In Volts													-----Element-----					
		-Base Voltage:120.0-																		
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	KW	KVAR	Cons On	Cons Thru
PL.28638	PL.14354	A	6ACWC	7.45Y	124.2	0.10	1.76	32.41	27	234	62	97	0.56	0.1	5.927	0.082	0	0	0	12
		B		7.43Y	123.9	0.10	2.11	32.21	27	229	71	96					0	0	0	15
		C		7.47Y	124.5	0.10	1.49	32.23	27	233	63	97					0	0	0	6
PL.28639	PL.28638	A	6ACWC	7.45Y	124.2	0.06	1.82	32.16	27	232	61	97	0.31	0.0	5.972	0.045	0	0	0	11
		B		7.43Y	123.8	0.06	2.17	32.21	27	229	71	96					0	0	0	15
		C		7.47Y	124.5	0.06	1.55	32.23	27	232	63	97					0	0	0	6
PL.22672	PL.28639	A	6ACWC	7.44Y	124.1	0.13	1.94	32.16	27	232	61	97	0.71	0.1	6.076	0.103	0	0	0	11
		B		7.42Y	123.7	0.13	2.30	32.21	27	229	71	96					0	0	0	15
		C		7.46Y	124.3	0.13	1.68	32.23	27	232	63	97					0	0	0	6
PL.28679	PL.22672	A	6ACWC	7.44Y	124.0	0.05	2.00	32.16	27	231	61	97	0.28	0.0	6.117	0.041	0	0	0	11
		B		7.42Y	123.6	0.05	2.35	32.21	27	228	70	96					0	0	0	15
		C		7.46Y	124.3	0.05	1.73	32.23	27	232	63	97					0	0	0	6
PL.28680	PL.28679	A	6ACWC	7.44Y	124.0	0.05	2.04	32.16	27	231	61	97	0.26	0.0	6.155	0.039	0	0	0	11
		B		7.42Y	123.6	0.05	2.40	32.21	27	228	70	96					0	0	0	15
		C		7.45Y	124.2	0.05	1.78	32.23	27	232	63	97					0	0	0	6
PL.30979	PL.28680	A	4ACSR	7.44Y	124.0	0.00	2.04	1.93	2	13	6	91	0.00	0.0	6.166	0.011	0	0	0	3
PD.3969	PL.30979	A	fuse6AMP	7.44Y	124.0	0.00	2.04	1.93	33	13	6	91	0.00	0.0	6.166	0.000	0	0	0	3
PL.30980	PD.3969	A	4ACSR	7.44Y	124.0	0.00	2.05	1.93	2	13	6	91	0.00	0.0	6.177	0.011	0	0	0	3
PL.5262	PL.30980	A	4ACSR	7.44Y	124.0	0.00	2.05	1.93	2	13	6	91	0.00	0.0	6.200	0.023	0	0	0	3
087821	PL.5262	A	Consumer	7.44Y	124.0	0.00	2.05	0.29	0	2	1	89	0.00	0.0	6.200	0.000	2	1	1	1
087824	PL.5262	A	Consumer	7.44Y	124.0	0.00	2.05	1.35	0	9	4	91	0.00	0.0	6.200	0.000	9	4	1	1
087822	PL.5262	A	Consumer	7.44Y	124.0	0.00	2.05	0.29	0	2	1	89	0.00	0.0	6.200	0.000	2	1	1	1
PL.30977	PL.28680	B	4ACSR	7.42Y	123.6	0.00	2.40	0.21	0	1	1	71	0.00	0.0	6.166	0.011	0	0	0	2
PD.3861	PL.30977	B	fuse6AMP	7.42Y	123.6	0.00	2.40	0.21	4	1	1	71	0.00	0.0	6.166	0.000	0	0	0	2
PL.30978	PD.3861	B	4ACSR	7.42Y	123.6	0.00	2.40	0.21	0	1	1	71	0.00	0.0	6.213	0.047	0	0	0	2
086808	PL.30978	B	Consumer	7.42Y	123.6	0.00	2.40	0.00	0	0	0	100	0.00	0.0	6.213	0.000	0	0	1	1
086809	PL.30978	B	Consumer	7.42Y	123.6	0.00	2.40	0.00	0	0	0	100	0.00	0.0	6.213	0.000	0	0	0	0
086801	PL.30978	B	Consumer	7.42Y	123.6	0.00	2.40	0.21	0	1	1	71	0.00	0.0	6.213	0.000	1	1	1	1
599802	PL.28680	B	Consumer	7.42Y	123.6	0.00	2.40	0.44	0	3	1	95	0.00	0.0	6.155	0.000	3	1	1	1
086811	PL.28680	B	Consumer	7.42Y	123.6	0.00	2.40	0.21	0	1	1	71	0.00	0.0	6.155	0.000	1	1	1	1
086810	PL.28680	B	Consumer	7.42Y	123.6	0.00	2.40	0.15	0	1	0	100	0.00	0.0	6.155	0.000	1	0	1	1
PL.8467	PL.28680	A	6ACWC	7.44Y	123.9	0.02	2.07	30.27	26	218	55	97	0.14	0.0	6.177	0.021	0	0	0	8
		B		7.41Y	123.6	0.03	2.43	31.21	26	222	67	96					0	0	0	10
		C		7.45Y	124.2	0.03	1.80	32.23	27	232	63	97					0	0	0	6
PL.25021	PL.8467	A	6ACWC	7.43Y	123.9	0.03	2.10	30.27	26	218	55	97	0.15	0.0	6.201	0.024	0	0	0	8
		B		7.41Y	123.5	0.03	2.46	31.21	26	222	67	96					0	0	0	10
		C		7.45Y	124.2	0.03	1.83	32.23	27	232	63	97					0	0	0	6
087817	PL.25021	C	Consumer	7.45Y	124.2	0.00	1.83	2.22	0	15	7	91	0.00	0.0	6.201	0.000	15	7	1	1
087807	PL.25021	C	Consumer	7.45Y	124.2	0.00	1.83	0.22	0	1	1	71	0.00	0.0	6.201	0.000	1	1	1	1
087815	PL.25021	C	Consumer	7.45Y	124.2	0.00	1.83	1.10	0	7	4	87	0.00	0.0	6.201	0.000	7	4	1	1
PL.14144	PL.25021	A	6ACWC	7.43Y	123.8	0.09	2.19	30.27	26	218	55	97	0.46	0.1	6.278	0.077	0	0	0	8
		B		7.41Y	123.4	0.10	2.55	31.21	26	222	67	96					0	0	0	10
		C		7.44Y	124.1	0.08	1.92	28.77	24	208	51	97					0	0	0	3
PL.14145	PL.14144	A	6ACWC	7.42Y	123.7	0.10	2.29	30.27	26	218	55	97	0.46	0.1	6.361	0.083	0	0	0	8
		B		7.40Y	123.4	0.09	2.64	27.54	23	198	47	97					0	0	0	7
		C		7.44Y	124.0	0.10	2.01	28.77	24	208	51	97					0	0	0	3

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

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.15602, PD.1776, PL.15603, PL.14142, PL.14143, 087818, 087819, PL.24838, 087811, 087812, 087813, 087810, 087809, 087816, PL.14141, PL.24840, PL.24839, 087806, 087823, 087805, PL.19649, PL.19650, PL.45920, and C PD.8687.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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 element IDs like PL.43134, PL.14151, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.5249	PL.5250	A	4ACSR	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	7.395	0.030	0	0	0	0	
		B		7.37Y	122.8	0.00	3.18	0.00	0	0	0	100	0.00	0.0			0	0	0	0	0
		C		7.41Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0			0	0	0	0	0
PL.24837	PL.14148	A	4ACSR	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	7.285	0.069	0	0	0	0	
		B		7.37Y	122.8	0.00	3.18	0.00	0	0	0	100	0.00	0.0			0	0	0	0	
PL.20779	PL.24837	A	4ACSR	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	7.294	0.009	0	0	0	0	
		B		7.37Y	122.8	0.00	3.18	0.00	0	0	0	100	0.00	0.0			0	0	0	0	
PL.20780	PL.20779	A	4ACSR	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	7.371	0.077	0	0	0	0	
		B		7.37Y	122.8	0.00	3.18	0.00	0	0	0	100	0.00	0.0			0	0	0	0	
PL.20744	PL.20780	A	4ACSR	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	7.413	0.042	0	0	0	0	
		B		7.37Y	122.8	0.00	3.18	0.00	0	0	0	100	0.00	0.0			0	0	0	0	
PL.5256	PL.20744	B	4ACSR	7.37Y	122.8	0.00	3.18	0.00	0	0	0	100	0.00	0.0	7.511	0.098	0	0	0	0	
PL.5251	PL.20744	B	4ACSR	7.37Y	122.8	0.00	3.18	0.00	0	0	0	100	0.00	0.0	7.484	0.071	0	0	0	0	
087917	PL.19649	B	Consumer	7.39Y	123.1	0.00	2.85	0.01	0	0	0	100	0.00	0.0	6.567	0.000	0	0	1	1	
0878025	PL.14144	B	Consumer	7.41Y	123.4	0.00	2.55	1.71	0	10	8	78	0.00	0.0	6.278	0.000	2	2	1	2	
087808	0878025	B	Consumer	7.41Y	123.4	0.00	2.55	1.37	0	8	7	75	0.00	0.0	6.278	0.000	8	7	1	1	
087801	PL.14144	B	Consumer	7.41Y	123.4	0.00	2.55	2.33	0	13	11	76	0.00	0.0	6.278	0.000	13	11	1	1	
PL.33151	PL.28638	A	4ACSR	7.45Y	124.2	0.00	1.76	0.25	0	2	1	89	0.00	0.0	5.934	0.007	0	0	0	1	
PL.33152	PL.33151	A	4ACSR	7.45Y	124.2	0.00	1.76	0.25	0	2	1	89	0.00	0.0	5.977	0.043	0	0	0	1	
599702	PL.33152	A	Consumer	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	5.977	0.000	0	0	0	0	
PL.35063	PL.33152	A	2ACSR	7.45Y	124.2	0.00	1.76	0.25	0	2	1	89	0.00	0.0	5.992	0.015	0	0	0	1	
0868012	PL.35063	A	Consumer	7.45Y	124.2	0.00	1.76	0.25	0	2	1	89	0.00	0.0	5.992	0.000	2	1	1	1	
5996001	PL.14354	B	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	5.846	0.000	0	0	0	0	
PL.16254	PL.6851	C	4ACSR	7.48Y	124.7	0.00	1.32	0.38	0	2	2	71	0.00	0.0	5.792	0.007	0	0	0	1	
PD.2877	PL.16254	C	fuse6AMP	7.48Y	124.7	0.00	1.32	0.38	6	2	2	71	0.00	0.0	5.792	0.000	0	0	0	1	
PL.16255	PD.2877	C	4ACSR	7.48Y	124.7	0.00	1.32	0.38	0	2	2	71	0.00	0.0	5.845	0.053	0	0	0	1	
598606	PL.16255	C	Consumer	7.48Y	124.7	0.00	1.32	0.38	0	2	2	71	0.00	0.0	5.845	0.000	2	2	1	1	
598605	PL.6851	C	Consumer	7.48Y	124.7	0.00	1.32	0.00	0	0	0	100	0.00	0.0	5.785	0.000	0	0	1	1	
598603	PL.6851	B	Consumer	7.45Y	124.1	0.00	1.90	2.59	0	17	8	90	0.00	0.0	5.785	0.000	17	8	1	1	
597502	PL.6850	B	Consumer	7.46Y	124.3	0.00	1.65	0.30	0	2	1	89	0.00	0.0	5.647	0.000	2	1	1	1	
598604	PL.6850	B	Consumer	7.46Y	124.3	0.00	1.65	0.43	0	2	2	71	0.00	0.0	5.647	0.000	2	2	1	1	
596404	PL.20484	B	Consumer	7.48Y	124.7	0.00	1.32	0.37	0	2	2	71	0.00	0.0	5.468	0.000	2	2	1	1	
596408	PL.20484	B	Consumer	7.48Y	124.7	0.00	1.32	0.00	0	0	0	100	0.00	0.0	5.468	0.000	0	0	0	0	
596409	PL.20484	B	Consumer	7.48Y	124.7	0.00	1.32	0.00	0	0	0	100	0.00	0.0	5.468	0.000	0	0	1	1	
596406	PL.20484	B	Consumer	7.48Y	124.7	0.00	1.32	0.02	0	0	0	100	0.00	0.0	5.468	0.000	0	0	1	1	
PL.26861	PL.25091	B	4ACSR	7.49Y	124.8	0.00	1.20	0.56	0	3	3	71	0.00	0.0	5.414	0.009	0	0	0	5	
PD.2879	PL.26861	B	fuse6AMP	7.49Y	124.8	0.00	1.20	0.56	10	3	3	71	0.00	0.0	5.414	0.000	0	0	0	5	
PL.26862	PD.2879	B	4ACSR	7.49Y	124.8	0.00	1.20	0.56	0	3	3	71	0.00	0.0	5.464	0.050	0	0	0	5	
597401	PL.26862	B	Consumer	7.49Y	124.8	0.00	1.20	0.39	0	2	2	71	0.00	0.0	5.464	0.000	2	2	1	1	
PL.7567	PL.26862	B	4ACSR	7.49Y	124.8	0.00	1.20	0.18	0	1	1	71	0.00	0.0	5.518	0.055	0	0	0	4	
597406	PL.7567	B	Consumer	7.49Y	124.8	0.00	1.20	0.04	0	0	0	100	0.00	0.0	5.518	0.000	0	0	1	1	

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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							
5973001	PL.7567	B	Consumer	7.49Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	5.518	0.000	0	0	1	1
PL.25020	PL.7567	B	4ACSR	7.49Y	124.8	0.00	1.20	0.14	0	1	1	71	0.00	0.0	5.565	0.047	0	0	0	2
597403	PL.25020	B	Consumer	7.49Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	5.565	0.000	0	0	0	0
597402	PL.25020	B	Consumer	7.49Y	124.8	0.00	1.20	0.07	0	0	0	100	0.00	0.0	5.565	0.000	0	0	1	1
597405	PL.25020	B	Consumer	7.49Y	124.8	0.00	1.20	0.06	0	0	0	100	0.00	0.0	5.565	0.000	0	0	1	1
597404	PL.25020	B	Consumer	7.49Y	124.8	0.00	1.20	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	125.1	0.00	0.88	0.67	0	5	2	93	0.00	0.0	5.405	0.000	5	2	1	1
596410	PL.25091	B	Consumer	7.49Y	124.8	0.00	1.20	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	125.1	0.00	0.88	0.47	0	3	2	83	0.00	0.0	5.405	0.000	3	2	1	1
596411	PL.25091	A	Consumer	7.49Y	124.9	0.00	1.09	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	0.99	1.80	2	10	9	74	0.00	0.0	5.337	0.012	0	0	0	2
PD.3968	PL.33149	A	fuse6AMP	7.50Y	125.0	0.00	0.99	1.80	31	10	9	74	0.00	0.0	5.337	0.000	0	0	0	2
PL.33150	PD.3968	A	4ACSR	7.50Y	125.0	0.00	0.99	1.80	2	10	9	74	0.00	0.0	5.345	0.008	0	0	0	2
PL.2891	PL.33150	A	4ACSR	7.50Y	125.0	0.00	0.99	0.86	1	5	4	78	0.00	0.0	5.411	0.066	0	0	0	1
596202	PL.2891	A	Consumer	7.50Y	125.0	0.00	0.99	0.86	0	5	4	78	0.00	0.0	5.411	0.000	5	4	1	1
PL.2893	PL.33150	A	4ACSR	7.50Y	125.0	0.00	0.99	0.94	1	5	5	71	0.00	0.0	5.389	0.045	0	0	0	1
596301	PL.2893	A	Consumer	7.50Y	125.0	0.00	0.99	0.94	0	5	5	71	0.00	0.0	5.389	0.000	5	5	1	1
595303	PL.45914	C	Consumer	7.51Y	125.2	0.00	0.79	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	0.99	0.10	0	1	0	100	0.00	0.0	5.325	0.000	1	0	1	1
594208	PL.14282	B	Consumer	7.52Y	125.3	0.00	0.74	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	125.3	0.00	0.74	0.30	0	2	1	89	0.00	0.0	5.164	0.000	2	1	1	1
PL.26856	PL.14353	A	4ACSR	7.52Y	125.3	0.00	0.72	1.84	2	11	8	81	0.00	0.0	5.134	0.005	0	0	0	7
PD.2873	PL.26856	A	fuse6AMP	7.52Y	125.3	0.00	0.72	1.84	31	11	8	81	0.00	0.0	5.134	0.000	0	0	0	7
PL.26857	PD.2873	A	4ACSR	7.52Y	125.3	0.01	0.73	1.84	2	11	8	81	0.00	0.0	5.196	0.061	0	0	0	7
PL.6853	PL.26857	A	4ACSR	7.52Y	125.3	0.00	0.73	1.84	2	11	8	81	0.00	0.0	5.249	0.053	0	0	0	7
PL.7563	PL.6853	A	4ACSR	7.52Y	125.3	0.00	0.74	1.54	1	9	7	79	0.00	0.0	5.278	0.029	0	0	0	6
PL.3149	PL.7563	A	4ACSR	7.52Y	125.3	0.01	0.74	1.49	1	9	7	79	0.00	0.0	5.361	0.083	0	0	0	4
595101	PL.3149	A	Consumer	7.52Y	125.3	0.00	0.74	0.01	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	0.74	0.32	0	2	1	89	0.00	0.0	5.361	0.000	2	1	1	1
5951002	PL.3149	A	Consumer	7.52Y	125.3	0.00	0.74	1.15	0	7	6	76	0.00	0.0	5.361	0.000	7	6	1	1
5951004	PL.3149	A	Consumer	7.52Y	125.3	0.00	0.74	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	0.74	0.02	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	0.74	0.02	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	0.74	0.01	0	0	0	100	0.00	0.0	5.278	0.000	0	0	1	1
594101	PL.7563	A	Consumer	7.52Y	125.3	0.00	0.74	0.05	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	0.73	0.30	0	2	1	89	0.00	0.0	5.249	0.000	2	1	1	1
PL.18848	PL.14030	A	4ACSR	7.54Y	125.6	0.00	0.41	4.32	4	29	15	89	0.00	0.0	4.945	0.013	0	0	0	2
PD.2876	PL.18848	A	fuse6AMP	7.54Y	125.6	0.00	0.41	4.32	74	29	15	89	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\SUMMER\PROPOSED SUMMER 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.18849	PD.2876	A	4ACSR	7.53Y	125.6	0.01	0.42	4.32	4	29	15	89	0.00	0.0	5.009	0.064	0	0	0	2
592208	PL.18849	A	Consumer	7.53Y	125.6	0.00	0.42	0.34	0	2	2	71	0.00	0.0	5.009	0.000	2	2	1	1
592210	PL.18849	A	Consumer	7.53Y	125.6	0.00	0.42	3.99	0	27	13	90	0.00	0.0	5.009	0.000	27	13	1	1
592207	PL.18849	A	Consumer	7.53Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	5.009	0.000	0	0	0	0
PL.211	PL.14030	A	6ACWC	7.53Y	125.5	0.05	0.45	17.33	15	105	78	80	0.11	0.0	5.011	0.079	0	0	0	30
		B		7.54Y	125.7	-0.00	0.30	2.46	2	16	10	85					0	0	0	0
		C		7.54Y	125.6	0.06	0.38	17.28	15	104	78	80					0	0	0	41
PL.43725	PL.211	A	2ACSR	7.53Y	125.5	-0.00	0.45	0.00	0	0	0	100	0.00	0.0	5.042	0.032	0	0	0	0
		B		7.54Y	125.7	0.00	0.30	0.00	0	0	0	100					0	0	0	0
		C		7.54Y	125.6	0.00	0.38	0.22	0	2	1	90					0	0	0	1
5923009	PL.43725	C	Consumer	7.54Y	125.6	0.00	0.38	0.22	0	2	1	89	0.00	0.0	5.042	0.000	2	1	1	1
5923010	5923009	C	Consumer	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	5.042	0.000	0	0	0	0
PL.2899	PL.211	A	2ACSR	7.53Y	125.5	0.00	0.46	2.46	2	16	10	85	0.00	0.0	5.038	0.028	0	0	0	0
		B		7.54Y	125.7	0.00	0.30	2.46	2	16	10	85					0	0	0	0
		C		7.54Y	125.6	0.00	0.39	2.46	2	16	10	85					0	0	0	0
592308	PL.2899	A	Consumer	7.53Y	125.5	0.00	0.46	2.46	0	16	10	85	0.00	0.0	5.038	0.000	16	10	0	0
		B		7.54Y	125.7	0.00	0.30	2.46	0	16	10	85					16	10	0	0
		C		7.54Y	125.6	0.00	0.39	2.46	0	16	10	85					16	10	0	0
PL.39059	PL.211	C	2ACSR	7.54Y	125.6	0.00	0.39	14.61	9	87	67	79	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	0.39	14.61	0	87	67	79	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	0.39	14.61	0	87	67	79	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	0.41	14.61	9	87	67	79	0.01	0.0	5.053	0.038	0	0	0	40
PD.6826	PL.39061	C	25E	7.54Y	125.6	0.00	0.41	14.61	58	87	67	79	0.00	0.0	5.053	0.000	0	0	0	40
PL.39062	PD.6826	C	2ACSR	7.54Y	125.6	0.01	0.41	14.61	9	87	67	79	0.01	0.0	5.068	0.015	0	0	0	40
592409	PL.39062	C	Consumer	7.54Y	125.6	0.00	0.41	0.15	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	0.41	0.33	0	2	2	71	0.00	0.0	5.068	0.000	2	2	1	1
PL.39058	PL.39062	C	2ACSR	7.53Y	125.6	0.02	0.43	14.13	9	84	65	79	0.01	0.0	5.106	0.038	0	0	0	38
PL.39056	PL.39058	C	2ACSR	7.53Y	125.5	0.04	0.47	13.62	9	81	63	79	0.02	0.0	5.186	0.079	0	0	0	37
592507	PL.39056	C	Consumer	7.53Y	125.5	0.00	0.47	0.64	0	4	3	80	0.00	0.0	5.186	0.000	4	3	1	1
592502	PL.39056	C	Consumer	7.53Y	125.5	0.00	0.47	0.25	0	2	1	89	0.00	0.0	5.186	0.000	2	1	1	1
592508	PL.39056	C	Consumer	7.53Y	125.5	0.00	0.47	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	0.47	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	0.47	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	0.22	0.69	12.74	8	76	59	79	0.12	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	12.74	0	76	59	79	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	12.74	0	76	59	79	0.00	0.0	5.667	0.000	0	0	0	35
PL.39052	PD.6827-B	C	4ACSR	7.51Y	125.2	0.14	0.83	12.74	11	76	59	79	0.09	0.1	5.912	0.245	0	0	0	35
PL.14040	PL.39052	C	4ACSR	7.50Y	125.1	0.09	0.92	12.74	11	76	59	79	0.06	0.1	6.063	0.152	0	0	0	35
PL.33147	PL.14040	C	4ACSR	7.50Y	125.1	0.00	0.92	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	0.92	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	0.92	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	0.92	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\SUMMER\PROPOSED SUMMER 06-10 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.14041	PL.14040	C	4ACSR	7.48Y	124.6	0.49	1.41	12.48	10	74	57	79	0.31	0.4	6.906	0.843	0	0	0	34
PL.40405	PL.14041	C	2ACSR	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	6.963	0.057	0	0	0	0
0869022	PL.40405	C	Consumer	7.48Y	124.6	0.00	1.41	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	124.6	0.02	1.43	12.48	8	74	57	79	0.01	0.0	6.963	0.056	0	0	0	34
PD.8575-A	PL.43129	C	Closed	7.47Y	124.6	0.00	1.43	12.48	0	74	57	79	0.00	0.0	6.963	0.000	0	0	0	34
PD.8575-B	PD.8575-A	C	Closed	7.47Y	124.6	0.00	1.43	12.48	0	74	57	79	0.00	0.0	6.963	0.000	0	0	0	34
PL.43130	PD.8575-B	C	2ACSR	7.47Y	124.6	0.02	1.45	12.48	8	74	57	79	0.01	0.0	7.006	0.043	0	0	0	34
PL.40404	PL.43130	C	2ACSR	7.47Y	124.5	0.07	1.52	11.17	7	66	51	79	0.04	0.1	7.195	0.189	0	0	0	33
PL.40402	PL.40404	C	4ACSR	7.46Y	124.4	0.06	1.59	11.17	9	66	51	79	0.04	0.1	7.317	0.122	0	0	0	33
PL.14043	PL.40402	C	4ACSR	7.46Y	124.4	0.03	1.61	7.25	6	42	34	78	0.01	0.0	7.399	0.081	0	0	0	29
PL.33960	PL.14043	C	4ACSR	7.46Y	124.4	0.01	1.63	7.25	6	42	34	78	0.01	0.0	7.443	0.045	0	0	0	29
0869020	PL.33960	C	Consumer	7.46Y	124.4	0.00	1.63	0.42	0	2	2	71	0.00	0.0	7.443	0.000	2	2	1	1
PL.33961	PL.33960	C	4ACSR	7.46Y	124.4	0.01	1.63	6.83	6	39	32	77	0.00	0.0	7.462	0.019	0	0	0	28
PL.8335	PL.33961	C	4ACSR	7.46Y	124.4	0.01	1.65	6.83	6	39	32	77	0.00	0.0	7.501	0.039	0	0	0	28
086916	PL.8335	C	Consumer	7.46Y	124.4	0.00	1.65	0.20	0	1	1	71	0.00	0.0	7.501	0.000	1	1	1	1
PL.8336	PL.8335	C	4ACSR	7.46Y	124.3	0.01	1.66	6.63	6	38	31	77	0.00	0.0	7.532	0.031	0	0	0	27
096216	PL.8336	C	Consumer	7.46Y	124.3	0.00	1.66	0.10	0	1	0	100	0.00	0.0	7.532	0.000	1	0	1	1
096238	PL.8336	C	Consumer	7.46Y	124.3	0.00	1.66	0.38	0	2	2	71	0.00	0.0	7.532	0.000	2	2	1	1
PL.20152	PL.8336	C	4ACSR	7.46Y	124.3	0.01	1.67	6.15	5	36	29	78	0.00	0.0	7.582	0.050	0	0	0	25
PL.20153	PL.20152	C	4ACSR	7.46Y	124.3	0.01	1.68	5.90	5	34	28	77	0.00	0.0	7.635	0.052	0	0	0	24
PL.19178	PL.20153	C	4ACSR	7.46Y	124.3	0.05	1.73	4.79	4	28	23	77	0.01	0.0	7.841	0.206	0	0	0	21
096221	PL.19178	C	Consumer	7.46Y	124.3	0.00	1.73	0.57	0	3	3	71	0.00	0.0	7.841	0.000	3	3	1	1
PL.19179	PL.19178	C	4ACSR	7.46Y	124.3	0.02	1.75	4.22	4	25	20	78	0.00	0.0	7.923	0.083	0	0	0	20
PL.14044	PL.19179	C	4ACSR	7.45Y	124.2	0.01	1.75	3.47	3	20	16	78	0.00	0.0	7.970	0.047	0	0	0	16
096203	PL.14044	C	Consumer	7.45Y	124.2	0.00	1.75	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	124.2	0.00	1.76	3.46	3	20	16	78	0.00	0.0	7.996	0.026	0	0	0	15
PL.14046	PL.14045	C	4ACSR	7.45Y	124.2	0.01	1.76	3.46	3	20	16	78	0.00	0.0	8.040	0.044	0	0	0	15
PL.14047	PL.14046	C	4ACSR	7.45Y	124.2	0.01	1.77	3.06	3	18	14	79	0.00	0.0	8.100	0.060	0	0	0	13
PL.14048	PL.14047	C	4ACSR	7.45Y	124.2	0.00	1.77	2.74	2	16	13	78	0.00	0.0	8.111	0.011	0	0	0	12
PL.19228	PL.14048	C	4ACSR	7.45Y	124.2	0.00	1.78	1.53	1	9	7	79	0.00	0.0	8.162	0.051	0	0	0	8
096205	PL.19228	C	Consumer	7.45Y	124.2	0.00	1.78	0.26	0	1	1	71	0.00	0.0	8.162	0.000	1	1	1	1
096230	PL.19228	C	Consumer	7.45Y	124.2	0.00	1.78	0.00	0	0	0	100	0.00	0.0	8.162	0.000	0	0	0	0
096229	PL.19228	C	Consumer	7.45Y	124.2	0.00	1.78	0.09	0	0	0	100	0.00	0.0	8.162	0.000	0	0	1	1
PL.19229	PL.19228	C	4ACSR	7.45Y	124.2	0.01	1.78	1.18	1	7	6	76	0.00	0.0	8.255	0.092	0	0	0	6
096215	PL.19229	C	Consumer	7.45Y	124.2	0.00	1.78	0.70	0	4	3	80	0.00	0.0	8.255	0.000	4	3	1	1
PL.19651	PL.19229	C	4ACSR	7.45Y	124.2	0.00	1.79	0.48	0	3	2	83	0.00	0.0	8.373	0.118	0	0	0	5
PL.19652	PL.19651	C	4ACSR	7.45Y	124.2	0.00	1.79	0.44	0	3	2	83	0.00	0.0	8.436	0.063	0	0	0	4
PL.5326	PL.19652	C	4ACSR	7.45Y	124.2	0.00	1.79	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\SUMMER\PROPOSED SUMMER 06-10 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	7.45Y	124.2	0.00	1.79	0.01	0	0	0	100	0.00	0.0	8.436	0.000	0	0	1	1
095201	PL.19652	C	Consumer	7.45Y	124.2	0.00	1.79	0.04	0	0	0	100	0.00	0.0	8.436	0.000	0	0	1	1
096220	PL.19652	C	Consumer	7.45Y	124.2	0.00	1.79	0.04	0	0	0	100	0.00	0.0	8.436	0.000	0	0	1	1
096218	PL.19652	C	Consumer	7.45Y	124.2	0.00	1.79	0.35	0	2	2	71	0.00	0.0	8.436	0.000	2	2	1	1
0962046	PL.19651	C	Consumer	7.45Y	124.2	0.00	1.79	0.04	0	0	0	100	0.00	0.0	8.373	0.000	0	0	1	1
PL.35689	PL.14048	C	4ACSR	7.45Y	124.2	0.00	1.78	1.21	1	7	5	81	0.00	0.0	8.117	0.006	0	0	0	4
PD.5258	PL.35689	C	fuse6AMP	7.45Y	124.2	0.00	1.78	1.21	21	7	5	81	0.00	0.0	8.117	0.000	0	0	0	4
PL.35690	PD.5258	C	4ACSR	7.45Y	124.2	0.00	1.78	1.21	1	7	5	81	0.00	0.0	8.201	0.084	0	0	0	4
096204	PL.35690	C	Consumer	7.45Y	124.2	0.00	1.78	0.43	0	2	2	71	0.00	0.0	8.201	0.000	2	2	1	1
096219	PL.35690	C	Consumer	7.45Y	124.2	0.00	1.78	0.47	0	3	2	83	0.00	0.0	8.201	0.000	3	2	1	1
PL.5323	PL.35690	C	4ACSR	7.45Y	124.2	0.00	1.78	0.33	0	2	1	89	0.00	0.0	8.257	0.056	0	0	0	2
PL.5324	PL.5323	C	4ACSR	7.45Y	124.2	0.00	1.78	0.33	0	2	1	89	0.00	0.0	8.336	0.079	0	0	0	2
PL.5327	PL.5324	C	4ACSR	7.45Y	124.2	0.00	1.78	0.10	0	1	0	100	0.00	0.0	8.374	0.038	0	0	0	1
096243	PL.5327	C	Consumer	7.45Y	124.2	0.00	1.78	0.10	0	1	0	100	0.00	0.0	8.374	0.000	1	0	1	1
096233	PL.5324	C	Consumer	7.45Y	124.2	0.00	1.78	0.23	0	2	1	89	0.00	0.0	8.336	0.000	2	1	1	1
096237	PL.14047	C	Consumer	7.45Y	124.2	0.00	1.77	0.32	0	2	2	71	0.00	0.0	8.100	0.000	2	2	1	1
PL.35687	PL.14046	C	4ACSR	7.45Y	124.2	0.00	1.77	0.41	0	2	2	71	0.00	0.0	8.050	0.010	0	0	0	2
PD.5257	PL.35687	C	fuse6AMP	7.45Y	124.2	0.00	1.77	0.41	7	2	2	71	0.00	0.0	8.050	0.000	0	0	0	2
PL.35688	PD.5257	C	4ACSR	7.45Y	124.2	0.00	1.77	0.41	0	2	2	71	0.00	0.0	8.083	0.033	0	0	0	2
096227	PL.35688	C	Consumer	7.45Y	124.2	0.00	1.77	0.13	0	1	1	71	0.00	0.0	8.083	0.000	1	1	1	1
096228	PL.35688	C	Consumer	7.45Y	124.2	0.00	1.77	0.28	0	2	1	89	0.00	0.0	8.083	0.000	2	1	1	1
PL.35683	PL.19179	C	4ACSR	7.46Y	124.3	0.00	1.75	0.37	0	2	2	71	0.00	0.0	7.936	0.013	0	0	0	3
PD.5255	PL.35683	C	fuse6AMP	7.46Y	124.3	0.00	1.75	0.37	6	2	2	71	0.00	0.0	7.936	0.000	0	0	0	3
PL.35684	PD.5255	C	4ACSR	7.46Y	124.3	0.00	1.75	0.37	0	2	2	71	0.00	0.0	7.990	0.055	0	0	0	3
096244	PL.35684	C	Consumer	7.46Y	124.3	0.00	1.75	0.02	0	0	0	100	0.00	0.0	7.990	0.000	0	0	1	1
096208	PL.35684	C	Consumer	7.46Y	124.3	0.00	1.75	0.26	0	1	1	71	0.00	0.0	7.990	0.000	1	1	1	1
096239	PL.35684	C	Consumer	7.46Y	124.3	0.00	1.75	0.00	0	0	0	100	0.00	0.0	7.990	0.000	0	0	0	0
096217	PL.35684	C	Consumer	7.46Y	124.3	0.00	1.75	0.09	0	1	0	100	0.00	0.0	7.990	0.000	1	0	1	1
096201	PL.19179	C	Consumer	7.46Y	124.3	0.00	1.75	0.39	0	2	2	71	0.00	0.0	7.923	0.000	2	2	1	1
PL.35681	PL.20153	C	4ACSR	7.46Y	124.3	0.00	1.68	1.11	1	6	5	77	0.00	0.0	7.642	0.007	0	0	0	3
PD.5254	PL.35681	C	fuse6AMP	7.46Y	124.3	0.00	1.68	1.11	19	6	5	77	0.00	0.0	7.642	0.000	0	0	0	3
PL.35682	PD.5254	C	4ACSR	7.46Y	124.3	0.00	1.69	1.11	1	6	5	77	0.00	0.0	7.677	0.035	0	0	0	3
PL.19571	PL.35682	C	4ACSR	7.46Y	124.3	0.00	1.69	0.76	1	4	4	71	0.00	0.0	7.704	0.028	0	0	0	2
096242	PL.19571	C	Consumer	7.46Y	124.3	0.00	1.69	0.40	0	2	2	71	0.00	0.0	7.704	0.000	2	2	1	1
096224	PL.19571	C	Consumer	7.46Y	124.3	0.00	1.69	0.00	0	0	0	100	0.00	0.0	7.704	0.000	0	0	0	0
096241	PL.19571	C	Consumer	7.46Y	124.3	0.00	1.69	0.35	0	2	2	71	0.00	0.0	7.704	0.000	2	2	1	1
096225	PL.19571	C	Consumer	7.46Y	124.3	0.00	1.69	0.00	0	0	0	100	0.00	0.0	7.704	0.000	0	0	0	0
096223	PL.35682	C	Consumer	7.46Y	124.3	0.00	1.69	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\SUMMER\PROPOSED SUMMER 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		
096234	PL.35682	C	Consumer	7.46Y	124.3	0.00	1.69	0.35	0	2	2	71	0.00	0.0	7.677	0.000	2	2	1	1	
096222	PL.20152	C	Consumer	7.46Y	124.3	0.00	1.67	0.25	0	1	1	71	0.00	0.0	7.582	0.000	1	1	1	1	
PL.35679	PL.40402	C	4ACSR	7.46Y	124.4	0.00	1.59	2.35	2	15	9	86	0.00	0.0	7.336	0.019	0	0	0	2	
PD.5253	PL.35679	C	fuse6AMP	7.46Y	124.4	0.00	1.59	2.35	40	15	9	86	0.00	0.0	7.336	0.000	0	0	0	2	
PL.35680	PD.5253	C	4ACSR	7.46Y	124.4	0.00	1.59	2.35	2	15	9	86	0.00	0.0	7.366	0.030	0	0	0	2	
086919	PL.35680	C	Consumer	7.46Y	124.4	0.00	1.59	0.67	0	4	3	80	0.00	0.0	7.366	0.000	4	3	1	1	
PL.25274	PL.35680	C	4ACSR	7.46Y	124.4	0.00	1.59	1.69	1	11	6	88	0.00	0.0	7.367	0.000	0	0	0	1	
PL.5238	PL.25274	C	4ACSR	7.46Y	124.4	0.01	1.60	1.69	1	11	6	88	0.00	0.0	7.435	0.068	0	0	0	1	
086918	PL.5238	C	Consumer	7.46Y	124.4	0.00	1.60	1.69	0	11	6	88	0.00	0.0	7.435	0.000	11	6	1	1	
086917	PL.40402	C	Consumer	7.46Y	124.4	0.00	1.59	1.04	0	6	5	77	0.00	0.0	7.317	0.000	6	5	1	1	
086910	PL.40402	C	Consumer	7.46Y	124.4	0.00	1.59	0.56	0	3	3	71	0.00	0.0	7.317	0.000	3	3	1	1	
086914	PL.43130	C	Consumer	7.47Y	124.6	0.00	1.45	1.31	0	7	6	76	0.00	0.0	7.006	0.000	7	6	1	1	
592408	PL.39058	C	Consumer	7.53Y	125.6	0.00	0.43	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	0.43	0.51	0	3	2	83	0.00	0.0	5.106	0.000	3	2	1	1	
PL.26854	PL.211	A	4ACSR	7.53Y	125.5	0.00	0.46	14.88	13	89	68	79	0.00	0.0	5.018	0.007	0	0	0	30	
PD.6889	PL.26854	A	25L	7.53Y	125.5	0.00	0.46	14.88	60	89	68	79	0.00	0.0	5.018	0.000	0	0	0	30	
PL.26855	PD.6889	A	4ACSR	7.53Y	125.5	0.07	0.53	14.88	13	89	68	79	0.05	0.1	5.114	0.096	0	0	0	30	
PL.7564	PL.26855	A	4ACSR	7.53Y	125.5	0.01	0.54	4.34	4	28	16	87	0.00	0.0	5.166	0.052	0	0	0	5	
591303	PL.7564	A	Consumer	7.53Y	125.5	0.00	0.54	3.04	0	21	10	90	0.00	0.0	5.166	0.000	21	10	1	1	
PL.39141	PL.7564	A	4ACSR	7.53Y	125.5	0.00	0.54	1.34	1	8	6	80	0.00	0.0	5.196	0.030	0	0	0	4	
591302	PL.39141	A	Consumer	7.53Y	125.5	0.00	0.54	0.34	0	2	2	71	0.00	0.0	5.196	0.000	2	2	1	1	
5913005	PL.39141	A	Consumer	7.53Y	125.5	0.00	0.54	0.19	0	1	1	71	0.00	0.0	5.196	0.000	1	1	1	1	
PL.39142	PL.39141	A	4ACSR	7.53Y	125.5	0.00	0.54	0.81	1	5	4	78	0.00	0.0	5.209	0.013	0	0	0	2	
PL.6852	PL.39142	A	4ACSR	7.53Y	125.5	0.00	0.54	0.81	1	5	4	78	0.00	0.0	5.228	0.019	0	0	0	2	
590201	PL.6852	A	Consumer	7.53Y	125.5	0.00	0.54	0.57	0	3	3	71	0.00	0.0	5.228	0.000	3	3	1	1	
590202	PL.6852	A	Consumer	7.53Y	125.5	0.00	0.54	0.24	0	1	1	71	0.00	0.0	5.228	0.000	1	1	1	1	
PL.14031	PL.26855	A	4ACSR	7.52Y	125.4	0.06	0.59	9.15	8	53	44	77	0.03	0.1	5.268	0.154	0	0	0	23	
590405	PL.14031	A	Consumer	7.52Y	125.4	0.00	0.59	0.37	0	2	2	71	0.00	0.0	5.268	0.000	2	2	1	1	
590408	PL.14031	A	Consumer	7.52Y	125.4	0.00	0.59	0.84	0	5	4	78	0.00	0.0	5.268	0.000	5	4	1	1	
PL.14032	PL.14031	A	4ACSR	7.52Y	125.4	0.02	0.61	7.94	7	46	38	77	0.01	0.0	5.326	0.058	0	0	0	21	
PL.14033	PL.14032	A	4ACSR	7.52Y	125.4	0.02	0.63	7.41	6	43	36	77	0.01	0.0	5.380	0.055	0	0	0	19	
PL.14036	PL.14033	A	4ACSR	7.52Y	125.4	0.02	0.65	7.41	6	43	36	77	0.01	0.0	5.427	0.047	0	0	0	19	
PL.25271	PL.14036	A	4ACSR	7.52Y	125.4	0.00	0.65	1.90	2	11	9	77	0.00	0.0	5.452	0.024	0	0	0	4	
PL.25272	PL.25271	A	4ACSR	7.52Y	125.4	0.00	0.65	0.85	1	5	4	78	0.00	0.0	5.490	0.038	0	0	0	2	
PL.14038	PL.25272	A	4ACSR	7.52Y	125.4	0.00	0.65	0.85	1	5	4	78	0.00	0.0	5.503	0.013	0	0	0	2	
PL.2901	PL.14038	A	4ACSR	7.52Y	125.3	0.00	0.65	0.78	1	4	4	71	0.00	0.0	5.541	0.038	0	0	0	1	
085815	PL.2901	A	Consumer	7.52Y	125.3	0.00	0.65	0.78	0	4	4	71	0.00	0.0	5.541	0.000	4	4	1	1	
PL.14039	PL.14038	A	4ACSR	7.52Y	125.3	0.00	0.65	0.07	0	0	0	100	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\SUMMER\PROPOSED SUMMER 06-10 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
590501	PL.14039	A	Consumer	7.52Y	125.3	0.00	0.65	0.07	0	0	0	100	0.00	0.0	5.602	0.000	0	0	1	1
085813	PL.25271	A	Consumer	7.52Y	125.4	0.00	0.65	0.55	0	3	3	71	0.00	0.0	5.452	0.000	3	3	1	1
085812	PL.25271	A	Consumer	7.52Y	125.4	0.00	0.65	0.51	0	3	2	83	0.00	0.0	5.452	0.000	3	2	1	1
PL.14037	PL.14036	A	4ACSR	7.52Y	125.3	0.01	0.66	5.12	4	29	25	76	0.00	0.0	5.477	0.049	0	0	0	14
085808	PL.14037	A	Consumer	7.52Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	5.477	0.000	0	0	0	0
085809	PL.14037	A	Consumer	7.52Y	125.3	0.00	0.66	0.43	0	2	2	71	0.00	0.0	5.477	0.000	2	2	1	1
590410	PL.14037	A	Consumer	7.52Y	125.3	0.00	0.66	0.63	0	4	3	80	0.00	0.0	5.477	0.000	4	3	1	1
085814	PL.14037	A	Consumer	7.52Y	125.3	0.00	0.66	0.51	0	3	2	83	0.00	0.0	5.477	0.000	3	2	1	1
085807	PL.14037	A	Consumer	7.52Y	125.3	0.00	0.66	0.33	0	2	2	71	0.00	0.0	5.477	0.000	2	2	1	1
PL.25270	PL.14037	A	4ACSR	7.52Y	125.3	0.00	0.66	3.22	3	19	16	76	0.00	0.0	5.506	0.030	0	0	0	10
PL.7566	PL.25270	A	4ACSR	7.52Y	125.3	0.00	0.67	3.22	3	19	16	76	0.00	0.0	5.535	0.029	0	0	0	10
PL.14034	PL.7566	A	4ACSR	7.52Y	125.3	0.01	0.67	2.84	2	16	14	75	0.00	0.0	5.585	0.050	0	0	0	8
PL.14035	PL.14034	A	4ACSR	7.52Y	125.3	0.00	0.67	1.74	1	10	8	78	0.00	0.0	5.615	0.030	0	0	0	5
PL.19311	PL.14035	A	4ACSR	7.52Y	125.3	0.00	0.68	1.74	1	10	8	78	0.00	0.0	5.635	0.020	0	0	0	5
PL.27938	PL.19311	A	4ACSR	7.52Y	125.3	0.00	0.68	1.42	1	8	7	75	0.00	0.0	5.653	0.018	0	0	0	4
PL.20481	PL.27938	A	4ACSR	7.52Y	125.3	0.00	0.68	1.42	1	8	7	75	0.00	0.0	5.688	0.035	0	0	0	4
PL.20482	PL.20481	A	4ACSR	7.52Y	125.3	0.00	0.68	0.54	0	3	3	71	0.00	0.0	5.717	0.030	0	0	0	2
590302	PL.20482	A	Consumer	7.52Y	125.3	0.00	0.68	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	125.3	0.00	0.68	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	125.3	0.00	0.68	0.43	0	2	2	71	0.00	0.0	5.688	0.000	2	2	1	1
590301	PL.20481	A	Consumer	7.52Y	125.3	0.00	0.68	0.45	0	3	2	83	0.00	0.0	5.688	0.000	3	2	1	1
085810	PL.19311	A	Consumer	7.52Y	125.3	0.00	0.68	0.33	0	2	2	71	0.00	0.0	5.635	0.000	2	2	1	1
590403	PL.14034	A	Consumer	7.52Y	125.3	0.00	0.67	0.24	0	1	1	71	0.00	0.0	5.585	0.000	1	1	1	1
590401	PL.14034	A	Consumer	7.52Y	125.3	0.00	0.67	0.25	0	1	1	71	0.00	0.0	5.585	0.000	1	1	1	1
590411	PL.14034	A	Consumer	7.52Y	125.3	0.00	0.67	0.61	0	3	3	71	0.00	0.0	5.585	0.000	3	3	1	1
590409	PL.7566	A	Consumer	7.52Y	125.3	0.00	0.67	0.24	0	1	1	71	0.00	0.0	5.535	0.000	1	1	1	1
590402	PL.7566	A	Consumer	7.52Y	125.3	0.00	0.67	0.15	0	1	1	71	0.00	0.0	5.535	0.000	1	1	1	1
085811	PL.14036	A	Consumer	7.52Y	125.4	0.00	0.65	0.39	0	2	2	71	0.00	0.0	5.427	0.000	2	2	1	1
590407	PL.14032	A	Consumer	7.52Y	125.4	0.00	0.61	0.05	0	0	0	100	0.00	0.0	5.326	0.000	0	0	1	1
590404	PL.14032	A	Consumer	7.52Y	125.4	0.00	0.61	0.48	0	3	2	83	0.00	0.0	5.326	0.000	3	2	1	1
591301	PL.26855	A	Consumer	7.53Y	125.5	0.00	0.53	0.43	0	2	2	71	0.00	0.0	5.114	0.000	2	2	1	1
591304	PL.26855	A	Consumer	7.53Y	125.5	0.00	0.53	1.00	0	6	5	77	0.00	0.0	5.114	0.000	6	5	1	1
592301	PL.14030	C	Consumer	7.54Y	125.7	0.00	0.32	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	125.8	0.00	0.15	0.91	1	6	3	89	0.00	0.0	4.870	0.019	0	0	0	1
591202	PL.2900	B	Consumer	7.55Y	125.8	0.00	0.15	0.91	0	6	3	89	0.00	0.0	4.870	0.000	6	3	1	1
590101	PL.25097	B	Consumer	7.28Y	121.3	0.00	4.74	0.00	0	0	0	100	0.00	0.0	4.665	0.000	0	0	0	0
085805	PL.14028	B	Consumer	7.29Y	121.4	0.00	4.58	0.29	0	2	1	89	0.00	0.0	4.586	0.000	2	1	1	1
PL.26852	PL.14026	B	4ACSR	7.30Y	121.7	0.00	4.31	0.41	0	2	2	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\SUMMER\PROPOSED SUMMER 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
PD.2053	PL.26852	B	fuse6AMP	7.30Y	121.7	0.00	4.31	0.41	7	2	2	71	0.00	0.0	4.463	0.000	0	0	0	2
PL.26853	PD.2053	B	4ACSR	7.30Y	121.7	0.00	4.31	0.41	0	2	2	71	0.00	0.0	4.573	0.110	0	0	0	2
085714	PL.26853	B	Consumer	7.30Y	121.7	0.00	4.31	0.01	0	0	0	100	0.00	0.0	4.573	0.000	0	0	1	1
085705	PL.26853	B	Consumer	7.30Y	121.7	0.00	4.31	0.40	0	2	2	71	0.00	0.0	4.573	0.000	2	2	1	1
568501	PL.7515	A	Consumer	7.38Y	122.9	0.00	3.07	0.04	0	0	0	100	0.00	0.0	3.257	0.000	0	0	1	1
567501	PL.7515	B	Consumer	7.34Y	122.3	0.00	3.67	0.00	0	0	0	100	0.00	0.0	3.257	0.000	0	0	0	0
567503	PL.7515	B	Consumer	7.34Y	122.3	0.00	3.67	0.29	0	2	1	89	0.00	0.0	3.257	0.000	2	1	1	1
568401	PL.26609	B	Consumer	7.34Y	122.3	0.00	3.66	0.16	0	1	1	71	0.00	0.0	3.223	0.000	1	1	1	1
567403	PL.26609	B	Consumer	7.34Y	122.3	0.00	3.66	0.27	0	2	1	89	0.00	0.0	3.223	0.000	2	1	1	1
567504	PL.26609	B	Consumer	7.34Y	122.3	0.00	3.66	0.17	0	1	1	71	0.00	0.0	3.223	0.000	1	1	1	1
568402	PL.26609	B	Consumer	7.34Y	122.3	0.00	3.66	0.00	0	0	0	100	0.00	0.0	3.223	0.000	0	0	0	0
PL.20403	PL.8343	C	4ACSR	7.36Y	122.7	0.01	3.29	20.63	17	119	94	78	0.01	0.0	3.097	0.005	0	0	0	58
PD.3719	PL.20403	C	35V4E	7.36Y	122.7	0.00	3.29	20.63	59	119	94	78	0.00	0.0	3.097	0.000	0	0	0	58
PL.20404	PD.3719	C	4ACSR	7.35Y	122.6	0.14	3.43	20.63	17	119	94	78	0.15	0.1	3.242	0.145	0	0	0	58
PL.20058	PL.20404	C	4ACSR	7.35Y	122.5	0.07	3.50	20.22	17	117	92	79	0.07	0.1	3.318	0.075	0	0	0	57
566601	PL.20058	C	Consumer	7.35Y	122.5	0.00	3.50	0.43	0	2	2	71	0.00	0.0	3.318	0.000	2	2	1	1
566602	PL.20058	C	Consumer	7.35Y	122.5	0.00	3.50	0.63	0	4	3	80	0.00	0.0	3.318	0.000	4	3	1	1
566603	PL.20058	C	Consumer	7.35Y	122.5	0.00	3.50	0.29	0	2	1	89	0.00	0.0	3.318	0.000	2	1	1	1
567601	PL.20058	C	Consumer	7.35Y	122.5	0.00	3.50	0.38	0	2	2	71	0.00	0.0	3.318	0.000	2	2	1	1
567607	PL.20058	C	Consumer	7.35Y	122.5	0.00	3.50	0.00	0	0	0	100	0.00	0.0	3.318	0.000	0	0	0	0
PL.26610	PL.20058	C	4ACSR	7.35Y	122.5	0.05	3.55	18.50	16	107	84	79	0.04	0.0	3.371	0.053	0	0	0	53
PL.39788	PL.26610	C	4ACSR	7.35Y	122.4	0.03	3.58	16.49	14	95	76	78	0.03	0.0	3.411	0.040	0	0	0	46
PL.39790	PL.39788	C	2ACSR	7.35Y	122.4	0.00	3.58	0.43	0	2	2	71	0.00	0.0	3.416	0.005	0	0	0	1
PD.7104	PL.39790	C	fuse6AMP	7.35Y	122.4	0.00	3.58	0.43	7	2	2	71	0.00	0.0	3.416	0.000	0	0	0	1
PL.39791	PD.7104	C	2ACSR	7.35Y	122.4	0.00	3.58	0.43	0	2	2	71	0.00	0.0	3.545	0.129	0	0	0	1
5667001	PL.39791	C	Consumer	7.35Y	122.4	0.00	3.58	0.43	0	2	2	71	0.00	0.0	3.545	0.000	2	2	1	1
PL.39789	PL.39788	C	4ACSR	7.34Y	122.4	0.02	3.60	16.06	13	92	74	78	0.02	0.0	3.438	0.027	0	0	0	45
PL.7511	PL.39789	C	4ACSR	7.34Y	122.4	0.00	3.60	15.27	13	87	70	78	0.00	0.0	3.444	0.005	0	0	0	41
PL.7512	PL.7511	C	4ACSR	7.34Y	122.4	0.04	3.65	12.59	11	72	58	78	0.03	0.0	3.519	0.076	0	0	0	36
567712	PL.7512	C	Consumer	7.34Y	122.4	0.00	3.65	0.00	0	0	0	100	0.00	0.0	3.519	0.000	0	0	1	1
567708	PL.7512	C	Consumer	7.34Y	122.4	0.00	3.65	0.00	0	0	0	100	0.00	0.0	3.519	0.000	0	0	0	0
567703	PL.7512	C	Consumer	7.34Y	122.4	0.00	3.65	0.00	0	0	0	100	0.00	0.0	3.519	0.000	0	0	0	0
567716	PL.7512	C	Consumer	7.34Y	122.4	0.00	3.65	0.59	0	3	3	71	0.00	0.0	3.519	0.000	3	3	1	1
567709	PL.7512	C	Consumer	7.34Y	122.4	0.00	3.65	0.50	0	3	2	83	0.00	0.0	3.519	0.000	3	2	1	1
567719	PL.7512	C	Consumer	7.34Y	122.4	0.00	3.65	0.00	0	0	0	100	0.00	0.0	3.519	0.000	0	0	0	0
567707	PL.7512	C	Consumer	7.34Y	122.4	0.00	3.65	0.00	0	0	0	100	0.00	0.0	3.519	0.000	0	0	0	0
567711	PL.7512	C	Consumer	7.34Y	122.4	0.00	3.65	0.17	0	1	1	71	0.00	0.0	3.519	0.000	1	1	1	1
567721	PL.7512	C	Consumer	7.34Y	122.4	0.00	3.65	0.40	0	2	2	71	0.00	0.0	3.519	0.000	2	2	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.7517	PL.7512	C	4ACSR	7.34Y	122.3	0.03	3.68	10.94	9	63	50	78	0.02	0.0	3.580	0.061	0	0	0	31
PL.7518	PL.7517	C	4ACSR	7.34Y	122.3	0.07	3.74	9.69	8	56	44	79	0.03	0.1	3.728	0.148	0	0	0	27
567905	PL.7518	C	Consumer	7.34Y	122.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	3.728	0.000	0	0	0	0
567907	PL.7518	C	Consumer	7.34Y	122.3	0.00	3.74	0.36	0	2	2	71	0.00	0.0	3.728	0.000	2	2	1	1
567908	PL.7518	C	Consumer	7.34Y	122.3	0.00	3.74	0.16	0	1	1	71	0.00	0.0	3.728	0.000	1	1	1	1
PL.7513	PL.7518	C	4ACSR	7.33Y	122.2	0.08	3.82	9.17	8	53	42	78	0.04	0.1	3.916	0.188	0	0	0	25
PL.18207	PL.7513	C	4ACSR	7.33Y	122.2	0.00	3.83	6.34	5	36	30	77	0.00	0.0	3.927	0.011	0	0	0	19
PD.28-A	PL.18207	C	Closed	7.33Y	122.2	0.00	3.83	6.34	0	36	30	77	0.00	0.0	3.927	0.000	0	0	0	19
PD.28-B	PD.28-A	C	Closed	7.33Y	122.2	0.00	3.83	6.34	0	36	30	77	0.00	0.0	3.927	0.000	0	0	0	19
PL.18208	PD.28-B	C	4ACSR	7.33Y	122.2	0.00	3.83	6.34	5	36	30	77	0.00	0.0	3.944	0.017	0	0	0	19
084802	PL.18208	C	Consumer	7.33Y	122.2	0.00	3.83	0.58	0	3	3	71	0.00	0.0	3.944	0.000	3	3	1	1
084846	PL.18208	C	Consumer	7.33Y	122.2	0.00	3.83	0.00	0	0	0	100	0.00	0.0	3.944	0.000	0	0	0	0
PL.8313	PL.18208	C	4ACSR	7.33Y	122.1	0.03	3.86	5.76	5	32	27	76	0.01	0.0	4.047	0.103	0	0	0	18
PL.19874	PL.8313	C	4ACSR	7.33Y	122.1	0.05	3.91	5.76	5	32	27	76	0.01	0.0	4.225	0.178	0	0	0	18
PL.19875	PL.19874	C	4ACSR	7.33Y	122.1	0.01	3.91	5.72	5	32	27	76	0.00	0.0	4.249	0.024	0	0	0	17
PL.26613	PL.19875	C	4ACSR	7.32Y	122.1	0.01	3.92	5.35	4	30	25	77	0.00	0.0	4.270	0.021	0	0	0	16
PL.19643	PL.26613	C	4ACSR	7.32Y	122.1	0.02	3.94	4.91	4	28	23	77	0.01	0.0	4.365	0.095	0	0	0	15
PL.19644	PL.19643	C	4ACSR	7.32Y	122.1	0.01	3.95	4.91	4	28	23	77	0.00	0.0	4.391	0.027	0	0	0	15
PL.26614	PL.19644	C	4ACSR	7.32Y	122.0	0.02	3.96	4.91	4	28	23	77	0.00	0.0	4.473	0.081	0	0	0	15
PL.26615	PL.26614	C	4ACSR	7.32Y	122.0	0.03	3.99	4.59	4	26	22	76	0.01	0.0	4.597	0.124	0	0	0	14
PL.26616	PL.26615	C	4ACSR	7.32Y	122.0	0.00	3.99	4.59	4	26	22	76	0.00	0.0	4.619	0.023	0	0	0	14
PL.26617	PL.26616	C	4ACSR	7.32Y	122.0	0.01	4.01	4.59	4	26	22	76	0.00	0.0	4.688	0.069	0	0	0	13
084806	PL.26617	C	Consumer	7.32Y	122.0	0.00	4.01	0.32	0	2	1	89	0.00	0.0	4.688	0.000	2	1	1	1
084821	PL.26617	C	Consumer	7.32Y	122.0	0.00	4.01	0.27	0	1	1	71	0.00	0.0	4.688	0.000	1	1	1	1
084844	PL.26617	C	Consumer	7.32Y	122.0	0.00	4.01	0.32	0	2	2	71	0.00	0.0	4.688	0.000	2	2	1	1
084832	PL.26617	C	Consumer	7.32Y	122.0	0.00	4.01	0.62	0	3	3	71	0.00	0.0	4.688	0.000	3	3	1	1
084823	PL.26617	C	Consumer	7.32Y	122.0	0.00	4.01	0.00	0	0	0	100	0.00	0.0	4.688	0.000	0	0	0	0
PL.8310	PL.26617	C	4ACSR	7.32Y	122.0	0.01	4.02	3.07	3	17	14	77	0.00	0.0	4.773	0.085	0	0	0	9
084852	PL.8310	C	Consumer	7.32Y	122.0	0.00	4.02	0.26	0	1	1	71	0.00	0.0	4.773	0.000	1	1	1	1
084833	PL.8310	C	Consumer	7.32Y	122.0	0.00	4.02	0.34	0	2	2	71	0.00	0.0	4.773	0.000	2	2	1	1
084840	PL.8310	C	Consumer	7.32Y	122.0	0.00	4.02	0.35	0	2	2	71	0.00	0.0	4.773	0.000	2	2	1	1
084838	PL.8310	C	Consumer	7.32Y	122.0	0.00	4.02	0.00	0	0	0	100	0.00	0.0	4.773	0.000	0	0	0	0
PL.39664	PL.8310	C	4ACSR	7.32Y	122.0	0.00	4.02	2.11	2	12	10	77	0.00	0.0	4.794	0.021	0	0	0	6
PL.39665	PL.39664	C	4ACSR	7.32Y	122.0	0.01	4.03	2.03	2	11	10	74	0.00	0.0	4.863	0.069	0	0	0	5
084847	PL.39665	C	Consumer	7.32Y	122.0	0.00	4.03	0.00	0	0	0	100	0.00	0.0	4.863	0.000	0	0	0	0
084845	PL.39665	C	Consumer	7.32Y	122.0	0.00	4.03	0.81	0	5	4	78	0.00	0.0	4.863	0.000	5	4	1	1
084839	PL.39665	C	Consumer	7.32Y	122.0	0.00	4.03	0.06	0	0	0	100	0.00	0.0	4.863	0.000	0	0	1	1
084828	PL.39665	C	Consumer	7.32Y	122.0	0.00	4.03	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\SUMMER\PROPOSED SUMMER 06-10 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	7.32Y	122.0	0.00	4.03	1.01	1	6	5	77	0.00	0.0	4.962	0.099	0	0	0	2
084829	PL.26619	C	Consumer	7.32Y	122.0	0.00	4.03	0.00	0	0	0	100	0.00	0.0	4.962	0.000	0	0	0	0
084848	PL.26619	C	Consumer	7.32Y	122.0	0.00	4.03	0.46	0	3	2	83	0.00	0.0	4.962	0.000	3	2	1	1
084842	PL.26619	C	Consumer	7.32Y	122.0	0.00	4.03	0.55	0	3	3	71	0.00	0.0	4.962	0.000	3	3	1	1
PL.38676	PL.39665	C	4ACSR	7.32Y	122.0	0.00	4.03	0.15	0	1	1	71	0.00	0.0	4.872	0.009	0	0	0	1
PL.38677	PL.38676	C	4ACSR	7.32Y	122.0	0.00	4.03	0.15	0	1	1	71	0.00	0.0	4.912	0.041	0	0	0	1
PL.24477	PL.38677	C	4ACSR	7.32Y	122.0	0.00	4.03	0.15	0	1	1	71	0.00	0.0	4.967	0.055	0	0	0	1
PL.24478	PL.24477	C	4ACSR	7.32Y	122.0	0.00	4.03	0.15	0	1	1	71	0.00	0.0	5.033	0.066	0	0	0	1
084849	PL.24478	C	Consumer	7.32Y	122.0	0.00	4.03	0.15	0	1	1	71	0.00	0.0	5.033	0.000	1	1	1	1
084824	PL.38677	C	Consumer	7.32Y	122.0	0.00	4.03	0.00	0	0	0	100	0.00	0.0	4.912	0.000	0	0	0	0
PL.39663	PL.39664	C	2ACSR	7.32Y	122.0	0.00	4.02	0.08	0	0	0	100	0.00	0.0	4.949	0.154	0	0	0	1
0848054	PL.39663	C	Consumer	7.32Y	122.0	0.00	4.02	0.08	0	0	0	100	0.00	0.0	4.949	0.000	0	0	1	1
PL.38671	PL.26616	C	4ACSR	7.32Y	122.0	0.00	3.99	0.00	0	0	0	100	0.00	0.0	4.624	0.005	0	0	0	1
PD.7059	PL.38671	C	fuse6AMP	7.32Y	122.0	0.00	3.99	0.00	0	0	0	100	0.00	0.0	4.624	0.000	0	0	0	1
PL.38674	PD.7059	C	4ACSR	7.32Y	122.0	0.00	3.99	0.00	0	0	0	100	0.00	0.0	4.627	0.002	0	0	0	1
PL.38675	PL.38674	C	4ACSR	7.32Y	122.0	0.00	3.99	0.00	0	0	0	100	0.00	0.0	4.654	0.027	0	0	0	0
PL.38673	PL.38674	C	4ACSR	7.32Y	122.0	0.00	3.99	0.00	0	0	0	100	0.00	0.0	4.658	0.031	0	0	0	1
084835	PL.38673	C	Consumer	7.32Y	122.0	0.00	3.99	0.00	0	0	0	100	0.00	0.0	4.658	0.000	0	0	1	1
PL.38669	PL.26614	C	4ACSR	7.32Y	122.0	0.00	3.96	0.32	0	2	2	71	0.00	0.0	4.478	0.005	0	0	0	1
PD.7058	PL.38669	C	fuse6AMP	7.32Y	122.0	0.00	3.96	0.32	5	2	2	71	0.00	0.0	4.478	0.000	0	0	0	1
PL.38670	PD.7058	C	4ACSR	7.32Y	122.0	0.00	3.96	0.32	0	2	2	71	0.00	0.0	4.504	0.026	0	0	0	1
084814	PL.38670	C	Consumer	7.32Y	122.0	0.00	3.96	0.32	0	2	2	71	0.00	0.0	4.504	0.000	2	2	1	1
084819	PL.26613	C	Consumer	7.32Y	122.1	0.00	3.92	0.44	0	2	2	71	0.00	0.0	4.270	0.000	2	2	1	1
PL.38667	PL.19875	C	4ACSR	7.33Y	122.1	0.00	3.91	0.38	0	2	2	71	0.00	0.0	4.255	0.006	0	0	0	1
PD.7057	PL.38667	C	fuse6AMP	7.33Y	122.1	0.00	3.91	0.38	6	2	2	71	0.00	0.0	4.255	0.000	0	0	0	1
PL.38668	PD.7057	C	4ACSR	7.33Y	122.1	0.00	3.91	0.38	0	2	2	71	0.00	0.0	4.317	0.062	0	0	0	1
085804	PL.38668	C	Consumer	7.33Y	122.1	0.00	3.91	0.38	0	2	2	71	0.00	0.0	4.317	0.000	2	2	1	1
084831	PL.19874	C	Consumer	7.33Y	122.1	0.00	3.91	0.04	0	0	0	100	0.00	0.0	4.225	0.000	0	0	1	1
PL.18210	PL.7513	C	4ACSR	7.33Y	122.2	0.00	3.83	2.84	2	17	12	82	0.00	0.0	3.932	0.016	0	0	0	6
PD.1165	PL.18210	C	fuse6AMP	7.33Y	122.2	0.00	3.83	2.84	48	17	12	82	0.00	0.0	3.932	0.000	0	0	0	6
PL.18209	PD.1165	C	4ACSR	7.33Y	122.2	0.01	3.83	2.84	2	17	12	82	0.00	0.0	3.973	0.041	0	0	0	6
PL.40448	PL.18209	C	4ACSR	7.33Y	122.2	0.00	3.83	2.30	2	14	9	84	0.00	0.0	3.989	0.016	0	0	0	5
568003	PL.40448	C	Consumer	7.33Y	122.2	0.00	3.83	0.00	0	0	0	100	0.00	0.0	3.989	0.000	0	0	0	0
568005	PL.40448	C	Consumer	7.33Y	122.2	0.00	3.83	0.42	0	2	2	71	0.00	0.0	3.989	0.000	2	2	1	1
PL.26612	PL.40448	C	4ACSR	7.33Y	122.2	0.00	3.84	1.88	2	12	7	86	0.00	0.0	4.019	0.030	0	0	0	4
PL.3557	PL.26612	C	4ACSR	7.33Y	122.2	0.00	3.84	0.45	0	3	2	83	0.00	0.0	4.035	0.016	0	0	0	2
568007	PL.3557	C	Consumer	7.33Y	122.2	0.00	3.84	0.27	0	1	1	71	0.00	0.0	4.035	0.000	1	1	1	1
568006	PL.3557	C	Consumer	7.33Y	122.2	0.00	3.84	0.18	0	1	1	71	0.00	0.0	4.035	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.5066	PL.26612	C	4ACSR	7.33Y	122.2	0.01	3.85	1.44	1	9	5	87	0.00	0.0	4.178	0.159	0	0	0	2
PL.5068	PL.5066	C	4ACSR	7.33Y	122.2	0.00	3.85	1.44	1	9	5	87	0.00	0.0	4.233	0.055	0	0	0	2
PL.24474	PL.5068	C	4ACSR	7.33Y	122.1	0.00	3.85	1.44	1	9	5	87	0.00	0.0	4.293	0.060	0	0	0	2
084837	PL.24474	C	Consumer	7.33Y	122.1	0.00	3.85	0.00	0	0	0	100	0.00	0.0	4.293	0.000	0	0	0	0
PL.8314	PL.24474	C	4ACSR	7.33Y	122.1	0.01	3.86	1.44	1	9	5	87	0.00	0.0	4.368	0.075	0	0	0	2
084850	PL.8314	C	Consumer	7.33Y	122.1	0.00	3.86	0.30	0	2	1	89	0.00	0.0	4.368	0.000	2	1	1	1
PL.8315	PL.8314	C	4ACSR	7.33Y	122.1	0.01	3.86	1.15	1	8	4	89	0.00	0.0	4.464	0.096	0	0	0	1
PL.8316	PL.8315	C	4ACSR	7.33Y	122.1	0.01	3.87	1.15	1	8	4	89	0.00	0.0	4.604	0.140	0	0	0	1
PL.24480	PL.8316	C	4ACSR	7.33Y	122.1	0.00	3.88	1.15	1	8	4	89	0.00	0.0	4.679	0.075	0	0	0	1
084851	PL.24480	C	Consumer	7.33Y	122.1	0.00	3.88	1.15	0	8	4	89	0.00	0.0	4.679	0.000	8	4	1	1
084853	PL.8315	C	Consumer	7.33Y	122.1	0.00	3.86	0.00	0	0	0	100	0.00	0.0	4.464	0.000	0	0	0	0
084812	PL.5066	C	Consumer	7.33Y	122.2	0.00	3.85	0.00	0	0	0	100	0.00	0.0	4.178	0.000	0	0	0	0
PL.24479	PL.5066	C	4ACSR	7.33Y	122.2	0.00	3.85	0.00	0	0	0	100	0.00	0.0	4.304	0.126	0	0	0	0
PL.40446	PL.18209	C	2ACSR	7.33Y	122.2	0.00	3.83	0.54	0	3	3	71	0.00	0.0	4.024	0.051	0	0	0	1
5680008	PL.40446	C	Consumer	7.33Y	122.2	0.00	3.83	0.54	0	3	3	71	0.00	0.0	4.024	0.000	3	3	1	1
566803	PL.7517	C	Consumer	7.34Y	122.3	0.00	3.68	0.00	0	0	0	100	0.00	0.0	3.580	0.000	0	0	0	0
567802	PL.7517	C	Consumer	7.34Y	122.3	0.00	3.68	0.45	0	3	2	83	0.00	0.0	3.580	0.000	3	2	1	1
567901	PL.7517	C	Consumer	7.34Y	122.3	0.00	3.68	0.12	0	1	1	71	0.00	0.0	3.580	0.000	1	1	1	1
566801	PL.7517	C	Consumer	7.34Y	122.3	0.00	3.68	0.49	0	3	2	83	0.00	0.0	3.580	0.000	3	2	1	1
567804	PL.7517	C	Consumer	7.34Y	122.3	0.00	3.68	0.19	0	1	1	71	0.00	0.0	3.580	0.000	1	1	1	1
567805	PL.7517	C	Consumer	7.34Y	122.3	0.00	3.68	0.00	0	0	0	100	0.00	0.0	3.580	0.000	0	0	0	0
PL.3558	PL.7511	C	4ACSR	7.34Y	122.4	0.01	3.61	2.67	2	15	13	76	0.00	0.0	3.513	0.070	0	0	0	5
PL.33775	PL.3558	C	2ACSR	7.34Y	122.4	0.00	3.61	0.74	0	4	3	80	0.00	0.0	3.549	0.035	0	0	0	1
5687010	PL.33775	C	Consumer	7.34Y	122.4	0.00	3.61	0.74	0	4	3	80	0.00	0.0	3.549	0.000	4	3	1	1
568707	PL.3558	C	Consumer	7.34Y	122.4	0.00	3.61	0.00	0	0	0	100	0.00	0.0	3.513	0.000	0	0	0	0
568705	PL.3558	C	Consumer	7.34Y	122.4	0.00	3.61	0.04	0	0	0	100	0.00	0.0	3.513	0.000	0	0	1	1
568704	PL.3558	C	Consumer	7.34Y	122.4	0.00	3.61	0.00	0	0	0	100	0.00	0.0	3.513	0.000	0	0	0	0
568708	PL.3558	C	Consumer	7.34Y	122.4	0.00	3.61	0.44	0	2	2	71	0.00	0.0	3.513	0.000	2	2	1	1
568706	PL.3558	C	Consumer	7.34Y	122.4	0.00	3.61	0.00	0	0	0	100	0.00	0.0	3.513	0.000	0	0	0	0
PL.3544	PL.3558	C	4ACSR	7.34Y	122.4	0.00	3.62	1.45	1	8	7	75	0.00	0.0	3.585	0.072	0	0	0	2
568801	PL.3544	C	Consumer	7.34Y	122.4	0.00	3.62	0.46	0	3	2	83	0.00	0.0	3.585	0.000	3	2	1	1
568709	PL.3544	C	Consumer	7.34Y	122.4	0.00	3.62	0.99	0	6	5	77	0.00	0.0	3.585	0.000	6	5	1	1
567714	PL.39789	C	Consumer	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	3.438	0.000	0	0	0	0
567720	PL.39789	C	Consumer	7.34Y	122.4	0.00	3.60	0.27	0	2	1	89	0.00	0.0	3.438	0.000	2	1	1	1
567717	PL.39789	C	Consumer	7.34Y	122.4	0.00	3.60	0.07	0	0	0	100	0.00	0.0	3.438	0.000	0	0	1	1
567718	PL.39789	C	Consumer	7.34Y	122.4	0.00	3.60	0.16	0	1	1	71	0.00	0.0	3.438	0.000	1	1	1	1
567701	PL.39789	C	Consumer	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	3.438	0.000	0	0	0	0
567702	PL.39789	C	Consumer	7.34Y	122.4	0.00	3.60	0.31	0	2	1	89	0.00	0.0	3.438	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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							
567605	PL.26610	C	Consumer	7.35Y	122.5	0.00	3.55	0.00	0	0	0	100	0.00	0.0	3.371	0.000	0	0	0	0
567611	PL.26610	C	Consumer	7.35Y	122.5	0.00	3.55	0.43	0	2	2	71	0.00	0.0	3.371	0.000	2	2	1	1
567603	PL.26610	C	Consumer	7.35Y	122.5	0.00	3.55	0.00	0	0	0	100	0.00	0.0	3.371	0.000	0	0	0	0
PL.38665	PL.26610	C	4ACSR	7.35Y	122.5	0.00	3.55	1.59	1	10	6	86	0.00	0.0	3.378	0.007	0	0	0	6
PD.7056	PL.38665	C	fuse6AMP	7.35Y	122.5	0.00	3.55	1.59	27	10	6	86	0.00	0.0	3.378	0.000	0	0	0	6
PL.38666	PD.7056	C	4ACSR	7.35Y	122.4	0.00	3.55	1.59	1	10	6	86	0.00	0.0	3.439	0.061	0	0	0	6
568609	PL.38666	C	Consumer	7.35Y	122.4	0.00	3.55	0.00	0	0	0	100	0.00	0.0	3.439	0.000	0	0	0	0
567610	PL.38666	C	Consumer	7.35Y	122.4	0.00	3.55	0.38	0	2	2	71	0.00	0.0	3.439	0.000	2	2	1	1
567612	PL.38666	C	Consumer	7.35Y	122.4	0.00	3.55	0.07	0	0	0	100	0.00	0.0	3.439	0.000	0	0	1	1
568606	PL.38666	C	Consumer	7.35Y	122.4	0.00	3.55	0.85	0	6	3	89	0.00	0.0	3.439	0.000	6	3	1	1
568607	PL.38666	C	Consumer	7.35Y	122.4	0.00	3.55	0.00	0	0	0	100	0.00	0.0	3.439	0.000	0	0	0	0
568608	PL.38666	C	Consumer	7.35Y	122.4	0.00	3.55	0.22	0	1	1	71	0.00	0.0	3.439	0.000	1	1	1	1
568610	PL.38666	C	Consumer	7.35Y	122.4	0.00	3.55	0.00	0	0	0	100	0.00	0.0	3.439	0.000	0	0	1	1
567602	PL.38666	C	Consumer	7.35Y	122.4	0.00	3.55	0.07	0	0	0	100	0.00	0.0	3.439	0.000	0	0	1	1
567502	PL.20404	C	Consumer	7.35Y	122.6	0.00	3.43	0.40	0	2	2	71	0.00	0.0	3.242	0.000	2	2	1	1
565403	PL.20607	A	Consumer	7.39Y	123.2	0.00	2.79	0.60	0	4	2	89	0.00	0.0	2.971	0.000	4	2	0	0
		B		7.35Y	122.6	0.00	3.43	0.61	0	4	2	90					4	2	0	0
		C		7.37Y	122.9	0.00	3.10	0.60	0	4	2	90					4	2	0	0
565402	PL.26607	B	Consumer	7.36Y	122.6	0.00	3.37	0.05	0	0	0	100	0.00	0.0	2.909	0.000	0	0	1	1
PL.15986	PL.26607	B	4ACSR	7.36Y	122.6	0.00	3.37	2.43	2	14	12	76	0.00	0.0	2.914	0.005	0	0	0	5
PD.2831	PL.15986	B	fuse6AMP	7.36Y	122.6	0.00	3.37	2.43	42	14	12	76	0.00	0.0	2.914	0.000	0	0	0	5
PL.15987	PD.2831	B	4ACSR	7.36Y	122.6	0.01	3.38	2.43	2	14	12	76	0.00	0.0	3.010	0.097	0	0	0	5
PL.3550	PL.15987	B	4ACSR	7.36Y	122.6	0.00	3.38	2.43	2	14	12	76	0.00	0.0	3.052	0.042	0	0	0	5
PL.15984	PL.3550	B	4ACSR	7.36Y	122.6	0.00	3.38	0.23	0	1	1	71	0.00	0.0	3.056	0.003	0	0	0	1
PD.192-A	PL.15984	B	Closed	7.36Y	122.6	0.00	3.38	0.23	0	1	1	71	0.00	0.0	3.056	0.000	0	0	0	1
PD.192-B	PD.192-A	B	Closed	7.36Y	122.6	0.00	3.38	0.23	0	1	1	71	0.00	0.0	3.056	0.000	0	0	0	1
PL.15985	PD.192-B	B	4ACSR	7.36Y	122.6	0.00	3.38	0.23	0	1	1	71	0.00	0.0	3.076	0.020	0	0	0	1
564401	PL.15985	B	Consumer	7.36Y	122.6	0.00	3.38	0.23	0	1	1	71	0.00	0.0	3.076	0.000	1	1	1	1
PL.3549	PL.3550	B	4ACSR	7.36Y	122.6	0.01	3.39	2.20	2	12	10	77	0.00	0.0	3.149	0.097	0	0	0	4
PL.3554	PL.3549	B	4ACSR	7.36Y	122.6	0.01	3.40	1.47	1	8	7	75	0.00	0.0	3.227	0.077	0	0	0	2
563402	PL.3554	B	Consumer	7.36Y	122.6	0.00	3.40	0.57	0	3	3	71	0.00	0.0	3.227	0.000	3	3	1	1
PL.3553	PL.3554	B	4ACSR	7.36Y	122.6	0.00	3.40	0.90	1	5	4	78	0.00	0.0	3.277	0.050	0	0	0	1
PL.3555	PL.3553	B	4ACSR	7.36Y	122.6	0.00	3.40	0.90	1	5	4	78	0.00	0.0	3.293	0.016	0	0	0	1
562401	PL.3555	B	Consumer	7.36Y	122.6	0.00	3.40	0.00	0	0	0	100	0.00	0.0	3.293	0.000	0	0	0	0
PL.3551	PL.3555	B	4ACSR	7.36Y	122.6	0.01	3.41	0.90	1	5	4	78	0.00	0.0	3.459	0.166	0	0	0	1
561202	PL.3551	B	Consumer	7.36Y	122.6	0.00	3.41	0.90	0	5	4	78	0.00	0.0	3.459	0.000	5	4	1	1
PL.3552	PL.3549	B	4ACSR	7.36Y	122.6	0.00	3.39	0.73	1	4	3	80	0.00	0.0	3.206	0.057	0	0	0	2
563401	PL.3552	B	Consumer	7.36Y	122.6	0.00	3.39	0.41	0	2	2	71	0.00	0.0	3.206	0.000	2	2	1	1
563403	PL.3552	B	Consumer	7.36Y	122.6	0.00	3.39	0.32	0	2	2	71	0.00	0.0	3.206	0.000	2	2	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	7.36Y	122.7	0.00	3.34	0.82	1	5	4	78	0.00	0.0	2.893	0.004	0	0	0	1
PD.2834	PL.16361	B	fuse6AMP	7.36Y	122.7	0.00	3.34	0.82	14	5	4	78	0.00	0.0	2.893	0.000	0	0	0	1
PL.16150	PD.2834	B	4ACSR	7.36Y	122.7	0.00	3.35	0.82	1	5	4	78	0.00	0.0	2.953	0.060	0	0	0	1
PL.3548	PL.16150	B	4ACSR	7.36Y	122.7	0.00	3.35	0.82	1	5	4	78	0.00	0.0	3.027	0.074	0	0	0	1
PL.3547	PL.3548	B	4ACSR	7.36Y	122.6	0.00	3.35	0.82	1	5	4	78	0.00	0.0	3.091	0.064	0	0	0	1
564201	PL.3547	B	Consumer	7.36Y	122.6	0.00	3.35	0.82	0	5	4	78	0.00	0.0	3.091	0.000	5	4	1	1
562201	PL.19767	B	Consumer	7.38Y	123.0	0.00	2.97	0.23	0	1	1	71	0.00	0.0	2.572	0.000	1	1	1	1
562202	PL.19767	B	Consumer	7.38Y	123.0	0.00	2.97	0.00	0	0	0	100	0.00	0.0	2.572	0.000	0	0	0	0
PL.399	PL.8308	B	4ACSR	7.40Y	123.3	0.04	2.73	17.28	15	104	75	81	0.04	0.0	2.396	0.050	0	0	0	59
PL.18725	PL.399	B	4ACSR	7.40Y	123.3	0.00	2.74	17.28	15	104	75	81	0.00	0.0	2.402	0.006	0	0	0	59
PD.3445	PL.18725	B	25V4E	7.40Y	123.3	0.00	2.74	17.28	69	104	75	81	0.00	0.0	2.402	0.000	0	0	0	59
PL.18726	PD.3445	B	4ACSR	7.39Y	123.2	0.03	2.77	17.28	15	104	75	81	0.02	0.0	2.437	0.035	0	0	0	59
PL.26590	PL.18726	B	4ACSR	7.39Y	123.2	0.05	2.82	17.28	15	104	75	81	0.05	0.0	2.503	0.066	0	0	0	59
C PD.3819	PL.26590	B	fuse6AMP	7.39Y	123.2	0.00	2.82	17.28	295	104	75	81	0.00	0.0	2.503	0.000	0	0	0	59 C
PL.26599	PD.3819	B	4ACSR	7.39Y	123.1	0.05	2.87	16.81	14	101	72	81	0.04	0.0	2.565	0.062	0	0	0	58
PL.26600	PL.26599	B	4ACSR	7.39Y	123.1	0.02	2.89	15.53	13	94	66	82	0.02	0.0	2.591	0.026	0	0	0	54
083628	PL.26600	B	Consumer	7.39Y	123.1	0.00	2.89	0.57	0	3	3	71	0.00	0.0	2.591	0.000	3	3	1	1
PL.8309	PL.26600	B	4ACSR	7.39Y	123.1	0.03	2.91	14.96	13	90	63	82	0.02	0.0	2.629	0.037	0	0	0	53
083624	PL.8309	B	Consumer	7.39Y	123.1	0.00	2.91	0.26	0	1	1	71	0.00	0.0	2.629	0.000	1	1	1	1
083615	PL.8309	B	Consumer	7.39Y	123.1	0.00	2.91	0.57	0	3	3	71	0.00	0.0	2.629	0.000	3	3	1	1
PL.8306	PL.8309	B	4ACSR	7.38Y	123.0	0.11	3.02	14.13	12	86	59	82	0.08	0.1	2.793	0.164	0	0	0	51
PL.8307	PL.8306	B	4ACSR	7.38Y	122.9	0.03	3.05	13.87	12	84	58	82	0.02	0.0	2.847	0.054	0	0	0	50
PD.25-A	PL.8307	B	Closed	7.38Y	122.9	0.00	3.05	13.87	0	84	58	82	0.00	0.0	2.847	0.000	0	0	0	50
PD.25-B	PD.25-A	B	Closed	7.38Y	122.9	0.00	3.05	13.87	0	84	58	82	0.00	0.0	2.847	0.000	0	0	0	50
PL.40322	PD.25-B	B	4ACSR	7.37Y	122.9	0.03	3.09	13.87	12	84	58	82	0.02	0.0	2.899	0.053	0	0	0	50
PL.40321	PL.40322	B	4ACSR	7.37Y	122.9	0.05	3.14	13.55	11	82	57	82	0.04	0.0	2.980	0.080	0	0	0	48
C PD.3820	PL.40321	B	fuse6AMP	7.37Y	122.9	0.00	3.14	13.55	231	82	57	82	0.00	0.0	2.980	0.000	0	0	0	48 C
PL.26592	PD.3820	B	4ACSR	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	2.995	0.016	0	0	0	0
PL.5051	PL.26592	B	4ACSR	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	3.025	0.030	0	0	0	0
083725	PL.5051	B	Consumer	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	3.025	0.000	0	0	0	0
083723	PL.5051	B	Consumer	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	3.025	0.000	0	0	0	0
PL.26591	PD.3820	B	4ACSR	7.37Y	122.8	0.01	3.15	13.55	11	82	57	82	0.01	0.0	3.003	0.023	0	0	0	48
PL.5053	PL.26591	B	4ACSR	7.37Y	122.8	0.04	3.20	13.55	11	82	57	82	0.03	0.0	3.070	0.067	0	0	0	48
0837034	PL.5053	B	Consumer	7.37Y	122.8	0.00	3.20	0.22	0	1	1	71	0.00	0.0	3.070	0.000	1	1	1	1
PL.5052	PL.5053	B	4ACSR	7.37Y	122.8	0.03	3.23	13.33	11	81	56	82	0.02	0.0	3.119	0.048	0	0	0	47
PL.26593	PL.5052	B	4ACSR	7.37Y	122.8	0.02	3.25	11.89	10	73	49	83	0.01	0.0	3.156	0.038	0	0	0	42
PL.27744	PL.26593	B	4ACSR	7.36Y	122.7	0.06	3.31	11.50	10	71	47	83	0.04	0.1	3.269	0.113	0	0	0	41
C PD.1164	PL.27744	B	fuse6AMP	7.36Y	122.7	0.00	3.31	11.50	196	71	47	83	0.00	0.0	3.269	0.000	0	0	0	41 C

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.36Y	122.7	0.01	3.31	11.50	10	71	47	83	0.00	0.0	3.283	0.013	0	0	0	41
PL.5056	PL.27743	B	4ACSR	7.36Y	122.7	0.00	3.32	0.47	0	3	2	83	0.00	0.0	3.412	0.129	0	0	0	2
083731	PL.5056	B	Consumer	7.36Y	122.7	0.00	3.32	0.47	0	3	2	83	0.00	0.0	3.412	0.000	3	2	1	1
083721	PL.5056	B	Consumer	7.36Y	122.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	3.412	0.000	0	0	1	1
PL.26604	PL.27743	B	4ACSR	7.36Y	122.6	0.08	3.40	11.03	9	68	45	83	0.05	0.1	3.441	0.158	0	0	0	39
C PD.3821	PL.26604	B	fuse6AMP	7.36Y	122.6	0.00	3.40	11.03	188	68	45	83	0.00	0.0	3.441	0.000	0	0	0	39 C
PL.26603	PD.3821	B	4ACSR	7.35Y	122.5	0.13	3.53	10.98	9	68	44	84	0.07	0.1	3.700	0.259	0	0	0	38
PL.26589	PL.26603	B	4ACSR	7.35Y	122.5	0.01	3.54	10.98	9	67	44	84	0.01	0.0	3.725	0.025	0	0	0	38
PD.21-B	PL.26589	B	Closed	7.35Y	122.5	0.00	3.54	10.98	0	67	44	84	0.00	0.0	3.725	0.000	0	0	0	38
PD.21-A	PD.21-B	B	Closed	7.35Y	122.5	0.00	3.54	10.98	0	67	44	84	0.00	0.0	3.725	0.000	0	0	0	38
PL.26588	PD.21-A	B	4ACSR	7.35Y	122.4	0.04	3.58	10.98	9	67	44	84	0.02	0.0	3.800	0.075	0	0	0	38
PL.14374	PL.26588	B	4ACSR	7.34Y	122.4	0.00	3.58	1.59	1	9	7	79	0.00	0.0	3.862	0.062	0	0	0	8
PL.14373	PL.14374	B	4ACSR	7.34Y	122.4	0.00	3.59	0.82	1	5	4	78	0.00	0.0	3.945	0.083	0	0	0	7
PL.14372	PL.14373	B	4ACSR	7.34Y	122.4	0.00	3.59	0.82	1	5	4	78	0.00	0.0	3.969	0.024	0	0	0	7
PL.14371	PL.14372	B	4ACSR	7.34Y	122.4	0.00	3.59	0.04	0	0	0	100	0.00	0.0	4.068	0.099	0	0	0	3
PD.20-B	PL.14371	B	Open	7.34Y	122.4	0.00	3.59	0.00	0	0	0	100	0.00	0.0	4.068	0.000	0	0	0	0
PL.14376	PL.14371	B	4ACSR	7.34Y	122.4	0.00	3.59	0.04	0	0	0	100	0.00	0.0	4.261	0.192	0	0	0	3
PL.18828	PL.14376	B	4ACSR	7.34Y	122.4	0.00	3.59	0.04	0	0	0	100	0.00	0.0	4.345	0.084	0	0	0	3
PD.1148	PL.18828	B	fuse6AMP	7.34Y	122.4	0.00	3.59	0.04	1	0	0	100	0.00	0.0	4.345	0.000	0	0	0	3
PL.18829	PD.1148	B	4ACSR	7.34Y	122.4	0.00	3.59	0.04	0	0	0	100	0.00	0.0	4.588	0.244	0	0	0	3
PL.5035	PL.18829	B	4ACSR	7.34Y	122.4	0.00	3.59	0.00	0	0	0	100	0.00	0.0	4.712	0.124	0	0	0	1
082712	PL.5035	B	Consumer	7.34Y	122.4	0.00	3.59	0.00	0	0	0	100	0.00	0.0	4.712	0.000	0	0	1	1
082703	PL.18829	B	Consumer	7.34Y	122.4	0.00	3.59	0.03	0	0	0	100	0.00	0.0	4.588	0.000	0	0	1	1
PL.14377	PL.18829	B	4ACSR	7.34Y	122.4	0.00	3.59	0.00	0	0	0	100	0.00	0.0	5.679	1.090	0	0	0	1
081701	PL.14377	B	Consumer	7.34Y	122.4	0.00	3.59	0.00	0	0	0	100	0.00	0.0	5.679	0.000	0	0	1	1
PL.18498	PL.14372	B	4ACSR	7.34Y	122.4	0.00	3.59	0.78	1	4	4	71	0.00	0.0	3.984	0.015	0	0	0	4
PD.1149	PL.18498	B	fuse6AMP	7.34Y	122.4	0.00	3.59	0.78	13	4	4	71	0.00	0.0	3.984	0.000	0	0	0	4
PL.27613	PD.1149	B	4ACSR	7.34Y	122.4	0.00	3.59	0.78	1	4	4	71	0.00	0.0	4.047	0.063	0	0	0	4
PL.5026	PL.27613	B	4ACSR	7.34Y	122.4	0.00	3.59	0.42	0	2	2	71	0.00	0.0	4.125	0.078	0	0	0	1
082710	PL.5026	B	Consumer	7.34Y	122.4	0.00	3.59	0.42	0	2	2	71	0.00	0.0	4.125	0.000	2	2	1	1
082706	PL.27613	B	Consumer	7.34Y	122.4	0.00	3.59	0.02	0	0	0	100	0.00	0.0	4.047	0.000	0	0	1	1
0827013	PL.27613	B	Consumer	7.34Y	122.4	0.00	3.59	0.33	0	2	2	71	0.00	0.0	4.047	0.000	2	2	1	1
082702	PL.27613	B	Consumer	7.34Y	122.4	0.00	3.59	0.01	0	0	0	100	0.00	0.0	4.047	0.000	0	0	1	1
PL.14375	PL.27613	B	4ACSR	7.34Y	122.4	0.00	3.59	0.00	0	0	0	100	0.00	0.0	4.129	0.081	0	0	0	0
082707	PL.14375	B	Consumer	7.34Y	122.4	0.00	3.59	0.00	0	0	0	100	0.00	0.0	4.129	0.000	0	0	0	0
PL.26909	PL.14374	B	4ACSR	7.34Y	122.4	0.00	3.58	0.77	1	4	4	71	0.00	0.0	3.878	0.016	0	0	0	1
PD.1150	PL.26909	B	fuse6AMP	7.34Y	122.4	0.00	3.58	0.77	13	4	4	71	0.00	0.0	3.878	0.000	0	0	0	1
PL.26910	PD.1150	B	4ACSR	7.34Y	122.4	0.00	3.59	0.77	1	4	4	71	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\SUMMER\PROPOSED SUMMER 06-10 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
082708	PL.26910	B	Consumer	7.34Y	122.4	0.00	3.59	0.00	0	0	0	100	0.00	0.0	3.916	0.000	0	0	0	0
082709	PL.26910	B	Consumer	7.34Y	122.4	0.00	3.59	0.77	0	4	4	71	0.00	0.0	3.916	0.000	4	4	1	1
PL.394	PL.26588	B	4ACSR	7.34Y	122.4	0.06	3.64	9.41	8	59	37	85	0.03	0.1	3.945	0.145	0	0	0	30
PL.14355	PL.394	B	4ACSR	7.34Y	122.3	0.05	3.69	9.41	8	59	37	85	0.02	0.0	4.057	0.112	0	0	0	30
PL.18919	PL.14355	B	4ACSR	7.34Y	122.3	0.00	3.69	0.44	0	2	2	71	0.00	0.0	4.075	0.017	0	0	0	1
PD.1163	PL.18919	B	fuse6AMP	7.34Y	122.3	0.00	3.69	0.44	7	2	2	71	0.00	0.0	4.075	0.000	0	0	0	1
PL.18920	PD.1163	B	4ACSR	7.34Y	122.3	0.00	3.69	0.44	0	2	2	71	0.00	0.0	4.131	0.057	0	0	0	1
083703	PL.18920	B	Consumer	7.34Y	122.3	0.00	3.69	0.00	0	0	0	100	0.00	0.0	4.131	0.000	0	0	0	0
083726	PL.18920	B	Consumer	7.34Y	122.3	0.00	3.69	0.44	0	2	2	71	0.00	0.0	4.131	0.000	2	2	1	1
PL.18385	PL.14355	B	4ACSR	7.34Y	122.3	0.02	3.71	8.98	8	56	35	85	0.01	0.0	4.094	0.037	0	0	0	29
PD.23-A	PL.18385	B	Closed	7.34Y	122.3	0.00	3.71	8.98	0	56	35	85	0.00	0.0	4.094	0.000	0	0	0	29
PD.23-B	PD.23-A	B	Closed	7.34Y	122.3	0.00	3.71	8.98	0	56	35	85	0.00	0.0	4.094	0.000	0	0	0	29
PL.18386	PD.23-B	B	4ACSR	7.34Y	122.3	0.00	3.71	8.98	8	56	35	85	0.00	0.0	4.100	0.006	0	0	0	29
083704	PL.18386	B	Consumer	7.34Y	122.3	0.00	3.71	0.00	0	0	0	100	0.00	0.0	4.100	0.000	0	0	1	1
PL.14356	PL.18386	B	4ACSR	7.33Y	122.2	0.09	3.80	8.98	8	56	35	85	0.04	0.1	4.319	0.218	0	0	0	28
PL.28067	PL.14356	B	4ACSR	7.33Y	122.2	0.00	3.80	0.21	0	1	1	71	0.00	0.0	4.341	0.023	0	0	0	1
PD.1154	PL.28067	B	fuse6AMP	7.33Y	122.2	0.00	3.80	0.21	4	1	1	71	0.00	0.0	4.341	0.000	0	0	0	1
PL.28068	PD.1154	B	4ACSR	7.33Y	122.2	0.00	3.80	0.21	0	1	1	71	0.00	0.0	4.379	0.038	0	0	0	1
PL.5054	PL.28068	B	4ACSR	7.33Y	122.2	0.00	3.80	0.21	0	1	1	71	0.00	0.0	4.615	0.237	0	0	0	1
083719	PL.5054	B	Consumer	7.33Y	122.2	0.00	3.80	0.21	0	1	1	71	0.00	0.0	4.615	0.000	1	1	1	1
PL.14357	PL.14356	B	4ACSR	7.32Y	122.1	0.13	3.93	8.76	7	55	34	85	0.06	0.1	4.638	0.319	0	0	0	27
PL.14358	PL.14357	B	4ACSR	7.32Y	122.1	0.01	3.94	8.49	7	53	32	86	0.01	0.0	4.668	0.030	0	0	0	26
PL.401	PL.14358	B	4ACSR	7.31Y	121.9	0.16	4.10	8.49	7	53	32	86	0.07	0.1	5.071	0.404	0	0	0	26
PL.396	PL.401	B	4ACSR	7.31Y	121.8	0.13	4.23	8.49	7	53	32	86	0.05	0.1	5.390	0.319	0	0	0	26
PL.397	PL.396	B	4ACSR	7.30Y	121.7	0.08	4.31	8.49	7	53	32	86	0.04	0.1	5.595	0.205	0	0	0	26
PL.18950	PL.397	B	4ACSR	7.30Y	121.6	0.08	4.39	8.49	7	53	32	86	0.03	0.1	5.793	0.197	0	0	0	26
PD.27-A	PL.18950	B	Closed	7.30Y	121.6	0.00	4.39	8.49	0	53	32	86	0.00	0.0	5.793	0.000	0	0	0	26
PD.27-B	PD.27-A	B	Closed	7.30Y	121.6	0.00	4.39	8.49	0	53	32	86	0.00	0.0	5.793	0.000	0	0	0	26
PL.18951	PD.27-B	B	4ACSR	7.29Y	121.5	0.12	4.51	8.49	7	53	32	86	0.05	0.1	6.098	0.306	0	0	0	26
PL.8312	PL.18951	B	4ACSR	7.29Y	121.5	0.00	4.51	0.00	0	0	0	100	0.00	0.0	6.099	0.001	0	0	0	0
PL.14359	PL.18951	B	4ACSR	7.29Y	121.4	0.06	4.57	8.49	7	53	32	86	0.03	0.1	6.253	0.154	0	0	0	26
PL.14360	PL.14359	B	4ACSR	7.28Y	121.4	0.05	4.62	8.49	7	53	32	86	0.02	0.0	6.371	0.119	0	0	0	26
082902	PL.14360	B	Consumer	7.28Y	121.4	0.00	4.62	0.00	0	0	0	100	0.00	0.0	6.371	0.000	0	0	0	0
PL.14361	PL.14360	B	4ACSR	7.28Y	121.3	0.07	4.69	8.49	7	53	32	86	0.03	0.1	6.560	0.189	0	0	0	26
PL.18195	PL.14361	B	4ACSR	7.28Y	121.3	0.00	4.69	0.38	0	2	2	71	0.00	0.0	6.579	0.019	0	0	0	2
PD.1152	PL.18195	B	fuse6AMP	7.28Y	121.3	0.00	4.69	0.38	7	2	2	71	0.00	0.0	6.579	0.000	0	0	0	2
PL.17478	PD.1152	B	4ACSR	7.28Y	121.3	0.00	4.69	0.38	0	2	2	71	0.00	0.0	6.761	0.181	0	0	0	2
PL.5039	PL.17478	B	4ACSR	7.28Y	121.3	0.00	4.69	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\SUMMER\PROPOSED SUMMER 06-10 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	
082903	PL.17478	B	Consumer	7.28Y	121.3	0.00	4.69	0.36	0	2	2	71	0.00	0.0	6.761	0.000	2	2	1	1
082906	PL.17478	B	Consumer	7.28Y	121.3	0.00	4.69	0.02	0	0	0	100	0.00	0.0	6.761	0.000	0	0	1	1
PL.14362	PL.14361	B	4ACSR	7.28Y	121.3	0.04	4.73	8.12	7	51	30	86	0.02	0.0	6.671	0.111	0	0	0	24
PL.20354	PL.14362	B	4ACSR	7.27Y	121.2	0.09	4.83	8.12	7	51	30	86	0.04	0.1	6.921	0.250	0	0	0	24
PD.3444	PL.20354	B	25V4E	7.27Y	121.2	0.00	4.83	8.12	32	51	30	86	0.00	0.0	6.921	0.000	0	0	0	24
PL.20355	PD.3444	B	4ACSR	7.26Y	120.9	0.22	5.05	8.12	7	51	30	86	0.09	0.2	7.514	0.592	0	0	0	24
PL.17769	PL.20355	B	4ACSR	7.25Y	120.9	0.08	5.13	8.12	7	51	30	86	0.03	0.1	7.721	0.208	0	0	0	24
PD.22-A	PL.17769	B	Closed	7.25Y	120.9	0.00	5.13	8.12	0	51	30	86	0.00	0.0	7.721	0.000	0	0	0	24
PD.22-B	PD.22-A	B	Closed	7.25Y	120.9	0.00	5.13	8.12	0	51	30	86	0.00	0.0	7.721	0.000	0	0	0	24
PL.17770	PD.22-B	B	4ACSR	7.25Y	120.8	0.04	5.17	8.12	7	51	30	86	0.02	0.0	7.822	0.101	0	0	0	24
PL.5038	PL.17770	B	4ACSR	7.25Y	120.8	0.00	5.17	0.00	0	0	0	100	0.00	0.0	7.823	0.001	0	0	0	0
PL.16184	PL.17770	B	4ACSR	7.25Y	120.8	0.03	5.20	8.12	7	51	30	86	0.01	0.0	7.905	0.083	0	0	0	24
PD.2491-A	PL.16184	B	Closed	7.25Y	120.8	0.00	5.20	8.12	0	51	30	86	0.00	0.0	7.905	0.000	0	0	0	24
PD.2491-B	PD.2491-A	B	Closed	7.25Y	120.8	0.00	5.20	8.12	0	51	30	86	0.00	0.0	7.905	0.000	0	0	0	24
PL.16185	PD.2491-B	B	4ACSR	7.24Y	120.7	0.13	5.32	8.12	7	51	30	86	0.05	0.1	8.236	0.331	0	0	0	24
PL.243	PL.16185	B	4ACSR	7.23Y	120.5	0.14	5.46	8.12	7	50	30	86	0.06	0.1	8.597	0.361	0	0	0	24
PL.16823	PL.243	B	4ACSR	7.23Y	120.5	0.02	5.48	1.82	2	10	8	78	0.00	0.0	8.787	0.190	0	0	0	16
PD.2297	PL.16823	B	fuse8AMP	7.23Y	120.5	0.00	5.48	1.82	25	10	8	78	0.00	0.0	8.787	0.000	0	0	0	16
PL.16824	PD.2297	B	4ACSR	7.23Y	120.5	0.01	5.48	1.82	2	10	8	78	0.00	0.0	8.882	0.095	0	0	0	16
PL.27969	PL.16824	B	4ACSR	7.23Y	120.5	0.01	5.49	1.70	1	10	8	78	0.00	0.0	8.991	0.108	0	0	0	13
PL.27970	PL.27969	B	4ACSR	7.23Y	120.5	0.01	5.50	1.70	1	10	8	78	0.00	0.0	9.064	0.073	0	0	0	13
093219	PL.27970	B	Consumer	7.23Y	120.5	0.00	5.50	0.04	0	0	0	100	0.00	0.0	9.064	0.000	0	0	1	1
093202	PL.27970	B	Consumer	7.23Y	120.5	0.00	5.50	0.09	0	0	0	100	0.00	0.0	9.064	0.000	0	0	1	1
093214	PL.27970	B	Consumer	7.23Y	120.5	0.00	5.50	0.04	0	0	0	100	0.00	0.0	9.064	0.000	0	0	1	1
093216	PL.27970	B	Consumer	7.23Y	120.5	0.00	5.50	0.47	0	3	2	83	0.00	0.0	9.064	0.000	3	2	1	1
093218	PL.27970	B	Consumer	7.23Y	120.5	0.00	5.50	0.00	0	0	0	100	0.00	0.0	9.064	0.000	0	0	0	0
093201	PL.27970	B	Consumer	7.23Y	120.5	0.00	5.50	0.05	0	0	0	100	0.00	0.0	9.064	0.000	0	0	1	1
PL.14363	PL.27970	B	4ACSR	7.23Y	120.5	0.01	5.50	1.02	1	6	5	77	0.00	0.0	9.184	0.121	0	0	0	8
PL.14364	PL.14363	B	4ACSR	7.23Y	120.5	0.01	5.51	1.02	1	6	5	77	0.00	0.0	9.380	0.195	0	0	0	8
PL.14365	PL.14364	B	4ACSR	7.23Y	120.5	0.00	5.52	0.66	1	4	3	80	0.00	0.0	9.515	0.136	0	0	0	6
094209	PL.14365	B	Consumer	7.23Y	120.5	0.00	5.52	0.08	0	0	0	100	0.00	0.0	9.515	0.000	0	0	1	1
P PL.43671	PL.14365	B	2ACSR	7.23Y	120.5	-0.00	5.52	-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	7.23Y	120.5	-0.00	5.52	-0.04	0	0	0	100	0.00	0.0	9.594	0.059	0	0	0	0 P
0942019	PL.43672	B	Consumer	7.23Y	120.5	0.00	5.52	0.00	0	0	0	100	0.00	0.0	9.594	0.000	0	0	0	0
PL.19879	PL.14365	B	4ACSR	7.23Y	120.5	0.00	5.52	0.60	1	3	3	71	0.00	0.0	9.550	0.035	0	0	0	5
PL.19880	PL.19879	B	4ACSR	7.23Y	120.5	0.00	5.52	0.51	0	3	2	83	0.00	0.0	9.580	0.030	0	0	0	4
PL.14367	PL.19880	B	4ACSR	7.23Y	120.5	0.00	5.52	0.20	0	1	1	71	0.00	0.0	9.615	0.035	0	0	0	2
PL.5314	PL.14367	B	4ACSR	7.23Y	120.5	0.00	5.52	0.20	0	1	1	71	0.00	0.0	9.673	0.058	0	0	0	2

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.23Y	120.5	0.00	5.52	0.18	0	1	1	71	0.00	0.0	9.728	0.055	0	0	0	1
094211	PL.5315	B	Consumer	7.23Y	120.5	0.00	5.52	0.00	0	0	0	100	0.00	0.0	9.728	0.000	0	0	0	0
094210	PL.5315	B	Consumer	7.23Y	120.5	0.00	5.52	0.18	0	1	1	71	0.00	0.0	9.728	0.000	1	1	1	1
094201	PL.5314	B	Consumer	7.23Y	120.5	0.00	5.52	0.02	0	0	0	100	0.00	0.0	9.673	0.000	0	0	1	1
PL.14366	PL.14367	B	4ACSR	7.23Y	120.5	0.00	5.52	0.00	0	0	0	100	0.00	0.0	9.697	0.082	0	0	0	0
PL.400	PL.14366	B	4ACSR	7.23Y	120.5	0.00	5.52	0.00	0	0	0	100	0.00	0.0	9.909	0.212	0	0	0	0
094216	PL.19880	B	Consumer	7.23Y	120.5	0.00	5.52	0.26	0	1	1	71	0.00	0.0	9.580	0.000	1	1	1	1
094215	PL.19880	B	Consumer	7.23Y	120.5	0.00	5.52	0.04	0	0	0	100	0.00	0.0	9.580	0.000	0	0	1	1
094214	PL.19879	B	Consumer	7.23Y	120.5	0.00	5.52	0.09	0	0	0	100	0.00	0.0	9.550	0.000	0	0	1	1
094206	PL.14364	B	Consumer	7.23Y	120.5	0.00	5.51	0.13	0	1	1	71	0.00	0.0	9.380	0.000	1	1	1	1
094217	PL.14364	B	Consumer	7.23Y	120.5	0.00	5.51	0.00	0	0	0	100	0.00	0.0	9.380	0.000	0	0	0	0
094213	PL.14364	B	Consumer	7.23Y	120.5	0.00	5.51	0.23	0	1	1	71	0.00	0.0	9.380	0.000	1	1	1	1
093212	PL.16824	B	Consumer	7.23Y	120.5	0.00	5.48	0.00	0	0	0	100	0.00	0.0	8.882	0.000	0	0	0	0
093213	PL.16824	B	Consumer	7.23Y	120.5	0.00	5.48	0.00	0	0	0	100	0.00	0.0	8.882	0.000	0	0	1	1
0932022	PL.16824	B	Consumer	7.23Y	120.5	0.00	5.48	0.02	0	0	0	100	0.00	0.0	8.882	0.000	0	0	1	1
093207	PL.16824	B	Consumer	7.23Y	120.5	0.00	5.48	0.10	0	1	0	100	0.00	0.0	8.882	0.000	1	0	1	1
PL.46516	PL.243	B	4ACSR	7.23Y	120.5	0.00	5.46	6.32	5	40	22	88	0.00	0.0	8.611	0.013	0	0	0	8
C PD.8750	PL.46516	B	fuse6AMP	7.23Y	120.5	0.00	5.46	6.32	108	40	22	88	0.00	0.0	8.611	0.000	0	0	0	8 C
PL.46517	PD.8750	B	4ACSR	7.23Y	120.5	0.04	5.50	6.32	5	40	22	88	0.01	0.0	8.750	0.139	0	0	0	8
PL.5320	PL.46517	B	4ACSR	7.23Y	120.5	0.00	5.50	0.00	0	0	0	100	0.00	0.0	8.797	0.047	0	0	0	1
093220	PL.5320	B	Consumer	7.23Y	120.5	0.00	5.50	0.00	0	0	0	100	0.00	0.0	8.797	0.000	0	0	1	1
PL.18636	PL.46517	B	4ACSR	7.23Y	120.4	0.07	5.58	6.32	5	40	22	88	0.02	0.1	8.990	0.240	0	0	0	7
PD.2492-A	PL.18636	B	Closed	7.23Y	120.4	0.00	5.58	6.32	0	40	22	88	0.00	0.0	8.990	0.000	0	0	0	7
PD.2492-B	PD.2492-A	B	Closed	7.23Y	120.4	0.00	5.58	6.32	0	40	22	88	0.00	0.0	8.990	0.000	0	0	0	7
PL.18637	PD.2492-B	B	4ACSR	7.22Y	120.4	0.05	5.62	6.32	5	40	22	88	0.01	0.0	9.145	0.155	0	0	0	7
PL.18634	PL.18637	B	4ACSR	7.22Y	120.3	0.04	5.66	6.32	5	40	22	88	0.01	0.0	9.285	0.140	0	0	0	7
PL.18635	PL.18634	B	4ACSR	7.22Y	120.3	0.05	5.72	6.32	5	40	22	88	0.02	0.0	9.469	0.183	0	0	0	7
093204	PL.18635	B	Consumer	7.22Y	120.3	0.00	5.72	0.35	0	2	2	71	0.00	0.0	9.469	0.000	2	2	1	1
PL.17267	PL.18635	B	4ACSR	7.22Y	120.3	0.00	5.72	5.98	5	38	20	88	0.00	0.0	9.474	0.005	0	0	0	6
PD.2495-A	PL.17267	B	Closed	7.22Y	120.3	0.00	5.72	5.98	0	38	20	88	0.00	0.0	9.474	0.000	0	0	0	6
PD.2495-B	PD.2495-A	B	Closed	7.22Y	120.3	0.00	5.72	5.98	0	38	20	88	0.00	0.0	9.474	0.000	0	0	0	6
PL.17268	PD.2495-B	B	4ACSR	7.21Y	120.2	0.04	5.76	5.98	5	38	20	88	0.01	0.0	9.613	0.139	0	0	0	6
PL.14369	PL.17268	B	4ACSR	7.21Y	120.2	0.07	5.83	5.98	5	38	20	88	0.02	0.1	9.873	0.259	0	0	0	6
093301	PL.14369	B	Consumer	7.21Y	120.2	0.00	5.83	0.07	0	0	0	100	0.00	0.0	9.873	0.000	0	0	1	1
PL.37606	PL.14369	B	4ACSR	7.21Y	120.2	0.01	5.84	5.91	5	38	20	88	0.00	0.0	9.904	0.031	0	0	0	5
PL.37605	PL.37606	B	2ACSR	7.21Y	120.2	0.00	5.84	0.52	0	3	2	83	0.00	0.0	9.948	0.045	0	0	0	1
0933004	PL.37605	B	Consumer	7.21Y	120.2	0.00	5.84	0.52	0	3	2	83	0.00	0.0	9.948	0.000	3	2	1	1
0933005	PL.37606	B	Consumer	7.21Y	120.2	0.00	5.84	0.00	0	0	0	100	0.00	0.0	9.904	0.000	0	0	0	0

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	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	7.21Y	120.1	0.04	5.87	5.41	5	35	17	90	0.01	0.0	10.054	0.150	0	0	0	4
PL.20147	PL.37607	B	4ACSR	7.20Y	120.1	0.04	5.92	5.41	5	35	17	90	0.01	0.0	10.230	0.176	0	0	0	4
PD.2494-A	PL.20147	B	Closed	7.20Y	120.1	0.00	5.92	5.41	0	35	17	90	0.00	0.0	10.230	0.000	0	0	0	4
PD.2494-B	PD.2494-A	B	Closed	7.20Y	120.1	0.00	5.92	5.41	0	35	17	90	0.00	0.0	10.230	0.000	0	0	0	4
PL.16198	PD.2494-B	B	4ACSR	7.19Y	119.9	0.22	6.14	5.41	5	35	17	90	0.06	0.2	11.120	0.891	0	0	0	4
PL.5317	PL.16198	B	4ACSR	7.19Y	119.9	0.00	6.14	0.00	0	0	0	100	0.00	0.0	11.287	0.167	0	0	0	0
PL.8332	PL.5317	B	4ACSR	7.19Y	119.9	0.00	6.14	0.00	0	0	0	100	0.00	0.0	11.458	0.171	0	0	0	0
PL.8333	PL.8332	B	4ACSR	7.19Y	119.9	0.00	6.14	0.00	0	0	0	100	0.00	0.0	11.459	0.001	0	0	0	0
PL.18562	PL.16198	B	4ACSR	7.19Y	119.8	0.05	6.20	5.41	5	35	17	90	0.02	0.0	11.338	0.217	0	0	0	4
PD.2493-A	PL.18562	B	Closed	7.19Y	119.8	0.00	6.20	5.41	0	35	17	90	0.00	0.0	11.338	0.000	0	0	0	4
PD.2493-B	PD.2493-A	B	Closed	7.19Y	119.8	0.00	6.20	5.41	0	35	17	90	0.00	0.0	11.338	0.000	0	0	0	4
PL.18593	PD.2493-B	B	4ACSR	7.19Y	119.8	0.05	6.24	5.41	5	35	17	90	0.01	0.0	11.521	0.184	0	0	0	4
PL.8334	PL.18593	B	4ACSR	7.18Y	119.7	0.04	6.28	5.41	5	35	17	90	0.01	0.0	11.675	0.154	0	0	0	4
PL.16197	PL.8334	B	4ACSR	7.18Y	119.7	0.05	6.33	5.41	5	35	17	90	0.01	0.0	11.877	0.202	0	0	0	4
PD.2496-A	PL.16197	B	Closed	7.18Y	119.7	0.00	6.33	5.41	0	35	17	90	0.00	0.0	11.877	0.000	0	0	0	4
PD.2496-B	PD.2496-A	B	Closed	7.18Y	119.7	0.00	6.33	5.41	0	35	17	90	0.00	0.0	11.877	0.000	0	0	0	4
PL.19463	PD.2496-B	B	4ACSR	7.17Y	119.5	0.14	6.47	5.41	5	35	17	90	0.04	0.1	12.426	0.550	0	0	0	4
PL.28629	PL.19463	B	4ACSR	7.17Y	119.5	0.03	6.50	5.41	5	35	17	90	0.01	0.0	12.548	0.121	0	0	0	3
093404	PL.28629	B	Consumer	7.17Y	119.5	0.00	6.50	0.03	0	0	0	100	0.00	0.0	12.548	0.000	0	0	1	1
PL.21313	PL.28629	B	4ACSR	7.17Y	119.5	0.01	6.51	5.38	5	35	17	90	0.00	0.0	12.577	0.030	0	0	0	2
PD.3649-A	PL.21313	B	Closed	7.17Y	119.5	0.00	6.51	5.38	0	35	17	90	0.00	0.0	12.577	0.000	0	0	0	2
PD.3649-B	PD.3649-A	B	Closed	7.17Y	119.5	0.00	6.51	5.38	0	35	17	90	0.00	0.0	12.577	0.000	0	0	0	2
PL.21314	PD.3649-B	B	4ACSR	7.17Y	119.5	0.02	6.52	5.38	5	35	17	90	0.00	0.0	12.640	0.063	0	0	0	2
PL.5321	PL.21314	B	4ACSR	7.17Y	119.5	0.01	6.53	5.15	4	33	16	90	0.00	0.0	12.684	0.044	0	0	0	1
093406	PL.5321	B	Consumer	7.17Y	119.5	0.00	6.53	5.15	0	33	16	90	0.00	0.0	12.684	0.000	33	16	1	1
PL.14370	PL.21314	B	4ACSR	7.17Y	119.5	0.00	6.53	0.24	0	1	1	71	0.00	0.0	12.977	0.337	0	0	0	1
093403	PL.14370	B	Consumer	7.17Y	119.5	0.00	6.53	0.24	0	1	1	71	0.00	0.0	12.977	0.000	1	1	1	1
093405	PL.19463	B	Consumer	7.17Y	119.5	0.00	6.47	0.00	0	0	0	100	0.00	0.0	12.426	0.000	0	0	1	1
093303	PL.37607	B	Consumer	7.21Y	120.1	0.00	5.87	0.00	0	0	0	100	0.00	0.0	10.054	0.000	0	0	0	0
PL.5037	PL.14359	B	4ACSR	7.29Y	121.4	0.00	4.57	0.00	0	0	0	100	0.00	0.0	6.335	0.082	0	0	0	0
PD.1151	PL.5037	B	fuse6AMP	7.29Y	121.4	0.00	4.57	0.00	0	0	0	100	0.00	0.0	6.335	0.000	0	0	0	0
PL.5036	PD.1151	B	4ACSR	7.29Y	121.4	0.00	4.57	0.00	0	0	0	100	0.00	0.0	6.634	0.299	0	0	0	0
PL.20102	PL.14357	B	4ACSR	7.32Y	122.1	0.00	3.93	0.27	0	2	1	89	0.00	0.0	4.655	0.018	0	0	0	1
PD.1153	PL.20102	B	fuse6AMP	7.32Y	122.1	0.00	3.93	0.27	5	2	1	89	0.00	0.0	4.655	0.000	0	0	0	1
PL.20103	PD.1153	B	4ACSR	7.32Y	122.1	0.00	3.93	0.27	0	2	1	89	0.00	0.0	4.848	0.192	0	0	0	1
PL.5055	PL.20103	B	4ACSR	7.32Y	122.1	0.00	3.93	0.27	0	2	1	89	0.00	0.0	4.884	0.037	0	0	0	1
PL.24476	PL.5055	B	4ACSR	7.32Y	122.1	0.00	3.94	0.27	0	2	1	89	0.00	0.0	5.006	0.122	0	0	0	1
083802	PL.24476	B	Consumer	7.32Y	122.1	0.00	3.94	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\SUMMER\PROPOSED SUMMER 06-10 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	7.32Y	122.1	0.00	3.94	0.27	0	2	1	89	0.00	0.0	5.006	0.000	2	1	1	1
PL.5057	PD.3821	B	4ACSR	7.36Y	122.6	0.00	3.40	0.05	0	0	0	100	0.00	0.0	3.545	0.104	0	0	0	1
083708	PL.5057	B	Consumer	7.36Y	122.6	0.00	3.40	0.05	0	0	0	100	0.00	0.0	3.545	0.000	0	0	1	1
083710	PL.26593	B	Consumer	7.37Y	122.8	0.00	3.25	0.39	0	2	2	71	0.00	0.0	3.156	0.000	2	2	1	1
PL.20425	PL.5052	B	4ACSR	7.37Y	122.8	0.00	3.23	1.44	1	8	7	75	0.00	0.0	3.130	0.011	0	0	0	5
PD.1162	PL.20425	B	fuse6AMP	7.37Y	122.8	0.00	3.23	1.44	25	8	7	75	0.00	0.0	3.130	0.000	0	0	0	5
PL.20426	PD.1162	B	4ACSR	7.37Y	122.8	0.01	3.23	1.44	1	8	7	75	0.00	0.0	3.216	0.086	0	0	0	5
PL.26601	PL.20426	B	4ACSR	7.37Y	122.8	0.00	3.23	0.73	1	4	3	80	0.00	0.0	3.266	0.050	0	0	0	2
083724	PL.26601	B	Consumer	7.37Y	122.8	0.00	3.23	0.29	0	2	1	89	0.00	0.0	3.266	0.000	2	1	1	1
PL.26602	PL.26601	B	4ACSR	7.37Y	122.8	0.01	3.24	0.44	0	2	2	71	0.00	0.0	3.715	0.448	0	0	0	1
083712	PL.26602	B	Consumer	7.37Y	122.8	0.00	3.24	0.44	0	2	2	71	0.00	0.0	3.715	0.000	2	2	1	1
PL.5059	PL.20426	B	4ACSR	7.37Y	122.8	0.00	3.23	0.44	0	2	2	71	0.00	0.0	3.258	0.042	0	0	0	1
083727	PL.5059	B	Consumer	7.37Y	122.8	0.00	3.23	0.44	0	2	2	71	0.00	0.0	3.258	0.000	2	2	1	1
083728	PL.5059	B	Consumer	7.37Y	122.8	0.00	3.23	0.00	0	0	0	100	0.00	0.0	3.258	0.000	0	0	0	0
083729	PL.20426	B	Consumer	7.37Y	122.8	0.00	3.23	0.21	0	1	1	71	0.00	0.0	3.216	0.000	1	1	1	1
083722	PL.20426	B	Consumer	7.37Y	122.8	0.00	3.23	0.07	0	0	0	100	0.00	0.0	3.216	0.000	0	0	1	1
0837032	PL.40322	B	Consumer	7.37Y	122.9	0.00	3.09	0.31	0	2	1	89	0.00	0.0	2.899	0.000	2	1	1	1
0837033	PL.40322	B	Consumer	7.37Y	122.9	0.00	3.09	0.02	0	0	0	100	0.00	0.0	2.899	0.000	0	0	1	1
083714	PL.8306	B	Consumer	7.38Y	123.0	0.00	3.02	0.26	0	1	1	71	0.00	0.0	2.793	0.000	1	1	1	1
PL.5047	PL.26599	B	4ACSR	7.39Y	123.1	0.00	2.87	0.93	1	5	4	78	0.00	0.0	2.633	0.068	0	0	0	3
PL.5048	PL.5047	B	4ACSR	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	2.692	0.059	0	0	0	0
PL.5044	PL.5047	B	4ACSR	7.39Y	123.1	0.00	2.87	0.93	1	5	4	78	0.00	0.0	2.737	0.104	0	0	0	3
PL.5045	PL.5044	B	4ACSR	7.39Y	123.1	0.00	2.87	0.48	0	3	2	83	0.00	0.0	2.764	0.027	0	0	0	1
083609	PL.5045	B	Consumer	7.39Y	123.1	0.00	2.87	0.48	0	3	2	83	0.00	0.0	2.764	0.000	3	2	1	1
083614	PL.5045	B	Consumer	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	2.764	0.000	0	0	0	0
PL.5046	PL.5044	B	4ACSR	7.39Y	123.1	0.00	2.88	0.46	0	3	2	83	0.00	0.0	2.777	0.040	0	0	0	2
083622	PL.5046	B	Consumer	7.39Y	123.1	0.00	2.88	0.03	0	0	0	100	0.00	0.0	2.777	0.000	0	0	1	1
083611	PL.5046	B	Consumer	7.39Y	123.1	0.00	2.88	0.42	0	2	2	71	0.00	0.0	2.777	0.000	2	2	1	1
083718	PL.26599	B	Consumer	7.39Y	123.1	0.00	2.87	0.35	0	2	2	71	0.00	0.0	2.565	0.000	2	2	1	1
PL.5049	PD.3819	B	4ACSR	7.39Y	123.2	0.00	2.82	0.46	0	3	2	83	0.00	0.0	2.549	0.046	0	0	0	1
083702	PL.5049	B	Consumer	7.39Y	123.2	0.00	2.82	0.46	0	3	2	83	0.00	0.0	2.549	0.000	3	2	1	1
084621	PL.8308	B	Consumer	7.40Y	123.3	0.00	2.69	0.22	0	1	1	71	0.00	0.0	2.346	0.000	1	1	1	1
084614	PL.8308	C	Consumer	7.43Y	123.9	0.00	2.15	0.01	0	0	0	100	0.00	0.0	2.346	0.000	0	0	1	1
083630	PL.19223	C	Consumer	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	1.850	0.000	0	0	1	1
083626	PL.19222	B	Consumer	7.45Y	124.2	0.00	1.82	0.44	0	3	1	95	0.00	0.0	1.824	0.000	3	1	1	1
PL.16366	PL.26598	A	4ACSR	7.49Y	124.8	0.00	1.23	1.74	1	10	8	78	0.00	0.0	1.710	0.007	0	0	0	6
PD.1155	PL.16366	A	fuse6AMP	7.49Y	124.8	0.00	1.23	1.74	30	10	8	78	0.00	0.0	1.710	0.000	0	0	0	6
PL.16367	PD.1155	A	4ACSR	7.49Y	124.8	0.01	1.24	1.74	1	10	8	78	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\SUMMER\PROPOSED SUMMER 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-'.

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: Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Rows for KW and KVAR. Includes 'Lowest Voltage' and 'Highest Accumulated Voltage Drop' / 'Highest Element Voltage Drop' labels.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 (CAVERUN1) beginning with Device PD.3888.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.9596, PL.19746, PL.9597, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 PD.7253-B, PL.40667, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
398839	PL.21202	A	Consumer	7.50Y	125.0	0.00	1.00	1.22	0	9	2	98	0.00	0.0	2.063	0.000	9	2	1	1
398859	PL.21202	A	Consumer	7.50Y	125.0	0.00	1.00	0.16	0	1	1	71	0.00	0.0	2.063	0.000	1	1	1	1
398843	PL.21202	A	Consumer	7.50Y	125.0	0.00	1.00	0.54	0	4	1	97	0.00	0.0	2.063	0.000	4	1	1	1
398844	PL.21204	A	Consumer	7.50Y	125.0	0.00	0.99	1.37	0	10	2	98	0.00	0.0	2.003	0.000	10	2	1	1
398846	PL.40653	A	Consumer	7.50Y	125.0	0.00	0.99	0.70	0	5	1	98	0.00	0.0	1.975	0.000	5	1	1	1
398845	PL.40653	A	Consumer	7.50Y	125.0	0.00	0.99	0.57	0	4	1	97	0.00	0.0	1.975	0.000	4	1	1	1
PL.40654	PL.15727	A	4ACSR	7.50Y	125.0	0.00	0.97	1.72	1	13	3	97	0.00	0.0	1.896	0.008	0	0	0	2
PD.7246-A	PL.40654	A	Closed	7.50Y	125.0	0.00	0.97	1.72	0	13	3	97	0.00	0.0	1.896	0.000	0	0	0	2
PD.7246-B	PD.7246-A	A	Closed	7.50Y	125.0	0.00	0.97	1.72	0	13	3	97	0.00	0.0	1.896	0.000	0	0	0	2
PL.40655	PD.7246-B	A	4ACSR	7.50Y	125.0	0.00	0.97	1.72	1	13	3	97	0.00	0.0	1.922	0.026	0	0	0	2
398840	PL.40655	A	Consumer	7.50Y	125.0	0.00	0.97	0.98	0	7	2	96	0.00	0.0	1.922	0.000	7	2	1	1
PL.27984	PL.40655	A	4ACSR	7.50Y	125.0	0.00	0.98	0.74	1	5	1	98	0.00	0.0	2.016	0.094	0	0	0	1
PL.24717	PL.27984	A	4ACSR	7.50Y	125.0	0.00	0.98	0.74	1	5	1	98	0.00	0.0	2.061	0.045	0	0	0	1
398838	PL.24717	A	Consumer	7.50Y	125.0	0.00	0.98	0.74	0	5	1	98	0.00	0.0	2.061	0.000	5	1	1	1
PL.15728	PL.9604	A	4/0ACSR	7.51Y	125.1	0.00	0.90	34.80	12	250	77	96	0.00	0.0	1.626	0.003	0	0	0	34
		B		7.53Y	125.4	0.00	0.56	32.79	12	235	76	95					0	0	0	26
		C		7.52Y	125.3	0.00	0.73	36.21	13	259	85	95					0	0	0	25
PD.249-A	PL.15728	A	Closed	7.51Y	125.1	0.00	0.90	34.80	0	250	77	96	0.00	0.0	1.626	0.000	0	0	0	34
		B		7.53Y	125.4	0.00	0.56	32.79	0	235	76	95					0	0	0	26
		C		7.52Y	125.3	0.00	0.73	36.21	0	259	85	95					0	0	0	25
PD.249-B	PD.249-A	A	Closed	7.51Y	125.1	0.00	0.90	34.80	0	250	77	96	0.00	0.0	1.626	0.000	0	0	0	34
		B		7.53Y	125.4	0.00	0.56	32.79	0	235	76	95					0	0	0	26
		C		7.52Y	125.3	0.00	0.73	36.21	0	259	85	95					0	0	0	25
PL.40658	PD.249-B	A	4/0ACSR	7.50Y	125.0	0.05	0.95	34.80	12	250	77	96	0.23	0.0	1.776	0.150	0	0	0	34
		B		7.52Y	125.4	0.05	0.62	32.79	12	235	76	95					0	0	0	26
		C		7.51Y	125.2	0.06	0.79	36.21	13	259	85	95					0	0	0	25
PD.7248-A	PL.40658	A	Closed	7.50Y	125.0	0.00	0.95	34.80	0	250	77	96	0.00	0.0	1.776	0.000	0	0	0	34
		B		7.52Y	125.4	0.00	0.62	32.79	0	235	76	95					0	0	0	26
		C		7.51Y	125.2	0.00	0.79	36.21	0	258	85	95					0	0	0	25
PD.7248-B	PD.7248-A	A	Closed	7.50Y	125.0	0.00	0.95	34.80	0	250	77	96	0.00	0.0	1.776	0.000	0	0	0	34
		B		7.52Y	125.4	0.00	0.62	32.79	0	235	76	95					0	0	0	26
		C		7.51Y	125.2	0.00	0.79	36.21	0	258	85	95					0	0	0	25
PL.40659	PD.7248-B	A	4/0ACSR	7.50Y	125.0	0.03	0.98	34.80	12	250	77	96	0.14	0.0	1.869	0.093	0	0	0	34
		B		7.52Y	125.4	0.03	0.65	32.79	12	235	76	95					0	0	0	26
		C		7.51Y	125.2	0.04	0.83	36.21	13	258	85	95					0	0	0	25
PL.15730	PL.40659	A	4/0ACSR	7.50Y	125.0	0.04	1.02	34.74	12	249	77	96	0.16	0.0	1.970	0.102	0	0	0	33
		B		7.52Y	125.3	0.04	0.68	32.79	12	235	76	95					0	0	0	26
		C		7.51Y	125.1	0.04	0.87	36.21	13	258	85	95					0	0	0	25
PD.3400	PL.15730	A	50L	7.50Y	125.0	0.00	1.02	34.74	69	249	77	96	0.00	0.0	1.970	0.000	0	0	0	33
		B		7.52Y	125.3	0.00	0.68	32.79	66	235	76	95					0	0	0	26
		C		7.51Y	125.1	0.00	0.87	36.21	72	258	85	95					0	0	0	25
PL.15731	PD.3400	A	4/0ACSR	7.50Y	124.9	0.03	1.05	34.74	12	249	77	96	0.15	0.0	2.068	0.097	0	0	0	33
		B		7.52Y	125.3	0.03	0.72	32.79	12	235	76	95					0	0	0	26
		C		7.51Y	125.1	0.04	0.91	36.21	13	258	85	95					0	0	0	25
PL.15732	PL.15731	C	4ACSR	7.51Y	125.1	0.00	0.91	1.17	1	9	2	98	0.00	0.0	2.073	0.006	0	0	0	2
PD.1179	PL.15732	C	fuse6AMP	7.51Y	125.1	0.00	0.91	1.17	20	9	2	98	0.00	0.0	2.073	0.000	0	0	0	2
PL.21517	PD.1179	C	4ACSR	7.51Y	125.1	0.00	0.92	1.17	1	9	2	98	0.00	0.0	2.116	0.043	0	0	0	2
PL.21199	PL.21517	C	4ACSR	7.50Y	125.1	0.01	0.92	1.17	1	9	2	98	0.00	0.0	2.225	0.109	0	0	0	2

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.21200, 399803, 399808, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 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\SUMMER\PROPOSED SUMMER 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, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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							
465405	PL.2915	A	Consumer	7.38Y	123.0	0.00	2.96	0.07	0	0	0	100	0.00	0.0	11.596	0.000	0	0	1	1
4654008	PL.2915	A	Consumer	7.38Y	123.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	11.596	0.000	0	0	0	0
465404	PL.9610	A	Consumer	7.38Y	123.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	11.249	0.000	0	0	1	1
PL.29316	PL.9608	A	4ACSR	7.38Y	123.0	0.01	2.96	1.34	1	10	2	98	0.00	0.0	11.296	0.095	0	0	0	2
464406	PL.29316	A	Consumer	7.38Y	123.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	11.296	0.000	0	0	1	1
464407	PL.29316	A	Consumer	7.38Y	123.0	0.00	2.96	1.34	0	10	2	98	0.00	0.0	11.296	0.000	10	2	1	1
464402	PL.19979	A	Consumer	7.38Y	123.1	0.00	2.95	0.78	0	6	1	99	0.00	0.0	11.012	0.000	6	1	1	1
464409	PL.19979	A	Consumer	7.38Y	123.1	0.00	2.95	0.06	0	0	0	100	0.00	0.0	11.012	0.000	0	0	1	1
464403	PL.19979	A	Consumer	7.38Y	123.1	0.00	2.95	0.36	0	3	1	95	0.00	0.0	11.012	0.000	3	1	1	1
464404	PL.19979	A	Consumer	7.38Y	123.1	0.00	2.95	0.29	0	2	0	100	0.00	0.0	11.012	0.000	2	0	1	1
463501	PL.24915	A	Consumer	7.39Y	123.2	0.00	2.79	0.29	0	2	0	100	0.00	0.0	9.929	0.000	2	0	1	1
464502	PL.24915	A	Consumer	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	9.929	0.000	0	0	0	0
463405	PL.20311	A	Consumer	7.39Y	123.2	0.00	2.77	0.06	0	0	0	100	0.00	0.0	9.807	0.000	0	0	1	1
463504	PL.20311	A	Consumer	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	9.807	0.000	0	0	0	0
463408	PL.29527	A	Consumer	7.40Y	123.3	0.00	2.71	0.09	0	1	0	100	0.00	0.0	9.329	0.000	1	0	1	1
PL.29257	PL.29423	A	1/0EPRJCN	7.41Y	123.4	0.12	2.56	14.32	8	100	35	94	0.50	0.1	6.422	0.573	0	0	0	5
		B		7.43Y	123.8	0.22	2.17	21.97	12	154	56	94					0	0	0	16
		C		7.42Y	123.6	0.15	2.36	15.76	8	110	40	94					0	0	0	7
PL.29255	PL.29257	A	1/0EPRJCN	7.40Y	123.4	0.06	2.62	14.44	8	100	38	93	0.24	0.1	6.694	0.272	0	0	0	5
		B		7.42Y	123.7	0.10	2.27	22.10	12	154	58	94					0	0	0	16
		C		7.41Y	123.6	0.07	2.43	15.88	8	110	42	93					0	0	0	7
PL.29600	PL.29255	A	1/0EPRJCN	7.40Y	123.4	0.00	2.62	0.15	0	1	0	100	0.00	0.0	6.724	0.030	0	0	0	1
PL.29599	PL.29600	A	1/0EPRJCN	7.40Y	123.4	0.00	2.62	0.15	0	1	0	100	0.00	0.0	6.740	0.017	0	0	0	1
PL.29629	PL.29599	A	1/0EPRJCN	7.40Y	123.4	0.00	2.62	0.15	0	1	0	100	0.00	0.0	6.764	0.024	0	0	0	1
PL.29558	PL.29629	A	1/0EPRJCN	7.40Y	123.4	0.00	2.62	0.15	0	1	0	100	0.00	0.0	6.785	0.021	0	0	0	1
PL.29557	PL.29558	A	1/0EPRJCN	7.40Y	123.4	0.00	2.62	0.15	0	1	0	100	0.00	0.0	6.843	0.058	0	0	0	1
453903	PL.29557	A	Consumer	7.40Y	123.4	0.00	2.62	0.16	0	1	1	71	0.00	0.0	6.843	0.000	1	1	1	1
PL.29441	PL.29255	A	1/0EPRJCN	7.40Y	123.3	0.04	2.67	14.37	8	99	39	93	0.18	0.1	6.900	0.206	0	0	0	4
		B		7.42Y	123.7	0.08	2.35	22.16	12	153	59	93					0	0	0	16
		C		7.41Y	123.5	0.05	2.48	15.94	8	110	44	93					0	0	0	7
PL.29523	PL.29441	B	1/0EPRJCN	7.42Y	123.6	0.00	2.35	3.33	2	22	11	89	0.00	0.0	6.955	0.055	0	0	0	1
PL.29314	PL.29523	B	1/0EPRJCN	7.42Y	123.6	0.00	2.35	3.35	2	22	11	89	0.00	0.0	6.965	0.009	0	0	0	1
453912	PL.29314	B	Consumer	7.42Y	123.6	0.00	2.35	3.35	0	22	11	89	0.00	0.0	6.965	0.000	22	11	1	1
PL.29598	PL.29441	B	1/0EPRJCN	7.42Y	123.7	0.00	2.35	0.63	0	5	1	98	0.00	0.0	6.934	0.034	0	0	0	2
PL.29506	PL.29598	B	1/0EPRJCN	7.42Y	123.7	0.00	2.35	0.63	0	5	1	98	0.00	0.0	6.970	0.035	0	0	0	2
PL.29504	PL.29506	B	1/0EPRJCN	7.42Y	123.7	0.00	2.35	0.64	0	5	1	98	0.00	0.0	7.013	0.043	0	0	0	2
PL.29505	PL.29504	B	1/0EPRJCN	7.42Y	123.7	0.00	2.35	0.65	0	5	2	93	0.00	0.0	7.067	0.055	0	0	0	2
PL.2615	PL.29505	B	1/0EPRJCN	7.42Y	123.6	0.00	2.35	0.66	0	5	2	93	0.00	0.0	7.123	0.056	0	0	0	2
452942	PL.2615	B	Consumer	7.42Y	123.6	0.00	2.35	0.01	0	0	0	100	0.00	0.0	7.123	0.000	0	0	1	1
452926	PL.2615	B	Consumer	7.42Y	123.6	0.00	2.35	0.66	0	4	2	89	0.00	0.0	7.123	0.000	4	2	1	1
452905	PL.29441	C	Consumer	7.41Y	123.5	0.00	2.48	0.98	0	7	3	92	0.00	0.0	6.900	0.000	7	3	1	1

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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		
452923	PL.29441	C	Consumer	7.41Y	123.5	0.00	2.48	1.44	0	10	5	89	0.00	0.0	6.900	0.000	10	5	1	1		
PL.29442	PL.29441	A	1/0EPRJCN	7.40Y	123.3	0.02	2.68	14.42	8	99	40	93	0.05	0.0	6.971	0.071	0	0	0	4		
		B		7.42Y	123.6	0.02	2.37	18.26	10	126	49	93					0	0	0	13		
		C		7.41Y	123.5	0.02	2.50	13.58	7	94	37	93					0	0	0	5		
PL.29440	PL.29442	A	1/0EPRJCN	7.40Y	123.3	0.02	2.70	14.44	8	99	40	93	0.05	0.0	7.064	0.093	0	0	0	4		
		B		7.42Y	123.6	0.02	2.39	13.29	7	92	36	93					0	0	0	5		
		C		7.41Y	123.5	0.02	2.52	13.60	7	94	37	93					0	0	0	5		
PL.29438	PL.29440	A	1/0EPRJCN	7.40Y	123.3	0.03	2.73	14.46	8	99	41	92	0.06	0.0	7.170	0.106	0	0	0	4		
		B		7.42Y	123.6	0.02	2.41	13.31	7	92	37	93					0	0	0	5		
		C		7.41Y	123.5	0.02	2.54	13.62	7	94	37	93					0	0	0	5		
PL.29503	PL.29438	B	1/0EPRJCN	7.41Y	123.6	0.00	2.42	5.41	3	36	17	90	0.00	0.0	7.209	0.039	0	0	0	2		
PL.29632	PL.29503	B	1/0EPRJCN	7.41Y	123.6	0.00	2.42	5.42	3	36	17	90	0.00	0.0	7.227	0.018	0	0	0	2		
PL.29172	PL.29632	B	1/0EPRJCN	7.41Y	123.6	0.00	2.42	-0.01	0	0	0	100	0.00	0.0	7.244	0.016	0	0	0	0		
453913	PL.29632	B	Consumer	7.41Y	123.6	0.00	2.42	4.80	0	32	16	89	0.00	0.0	7.227	0.000	32	16	1	1		
452924	PL.29632	B	Consumer	7.41Y	123.6	0.00	2.42	0.63	0	4	2	89	0.00	0.0	7.227	0.000	4	2	1	1		
PL.29439	PL.29438	A	1/0EPRJCN	7.39Y	123.2	0.02	2.75	14.48	8	99	41	92	0.04	0.0	7.263	0.093	0	0	0	4		
		B		7.41Y	123.6	0.01	2.42	7.94	4	55	20	94					0	0	0	3		
		C		7.41Y	123.4	0.02	2.56	13.64	7	94	38	93					0	0	0	5		
PL.29596	PL.29439	A	1/0EPRJCN	7.39Y	123.2	0.00	2.75	14.51	8	99	42	92	0.00	0.0	7.265	0.001	0	0	0	4		
		B		7.41Y	123.6	0.00	2.42	7.96	4	55	20	94					0	0	0	3		
		C		7.41Y	123.4	0.00	2.56	13.66	7	94	38	93					0	0	0	5		
PL.29624	PL.29596	C	1/0EPRJCN	7.41Y	123.4	0.00	2.56	5.44	3	37	17	91	0.00	0.0	7.280	0.015	0	0	0	2		
PL.29502	PL.29624	C	1/0EPRJCN	7.41Y	123.4	0.00	2.56	5.44	3	37	17	91	0.00	0.0	7.300	0.021	0	0	0	2		
PL.29501	PL.29502	C	1/0EPRJCN	7.41Y	123.4	0.01	2.57	5.45	3	37	17	91	0.00	0.0	7.374	0.074	0	0	0	2		
PL.29500	PL.29501	C	1/0EPRJCN	7.41Y	123.4	0.00	2.58	5.47	3	37	18	90	0.00	0.0	7.412	0.037	0	0	0	2		
452938	PL.29500	C	Consumer	7.41Y	123.4	0.00	2.58	4.90	0	33	16	90	0.00	0.0	7.412	0.000	33	16	1	1		
452935	PL.29500	C	Consumer	7.41Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	7.412	0.000	0	0	0	0		
452920	PL.29500	C	Consumer	7.41Y	123.4	0.00	2.58	0.58	0	4	2	89	0.00	0.0	7.412	0.000	4	2	1	1		
PL.2803	PL.29596	A	1/0EPRJCN	7.39Y	123.2	0.00	2.75	2.85	1	19	9	90	0.00	0.0	7.286	0.021	0	0	0	1		
452941	PL.2803	A	Consumer	7.39Y	123.2	0.00	2.75	2.85	0	19	9	90	0.00	0.0	7.286	0.000	19	9	1	1		
PL.29537	PL.29596	A	1/0EPRJCN	7.39Y	123.2	0.03	2.78	11.66	6	80	33	92	0.04	0.0	7.415	0.151	0	0	0	3		
		B		7.41Y	123.6	0.02	2.44	7.96	4	55	20	94					0	0	0	3		
		C		7.41Y	123.4	0.02	2.58	8.23	4	57	21	94					0	0	0	3		
PL.29544	PL.29537	A	1/0EPRJCN	7.39Y	123.2	0.01	2.79	7.96	4	54	23	92	0.01	0.0	7.487	0.071	0	0	0	2		
		B		7.41Y	123.5	0.01	2.45	6.97	4	48	19	93					0	0	0	3		
		C		7.40Y	123.4	0.01	2.59	7.25	4	50	20	93					0	0	0	3		
PL.29436	PL.29544	A	2ALUD	7.39Y	123.2	0.01	2.80	7.98	4	54	23	92	0.01	0.0	7.539	0.053	0	0	0	2		
		B		7.41Y	123.5	0.01	2.46	6.99	4	48	19	93					0	0	0	3		
		C		7.40Y	123.4	0.01	2.60	7.27	4	50	20	93					0	0	0	3		
PL.29250	PL.29436	A	2ALUD	7.39Y	123.2	0.01	2.82	5.27	3	35	17	90	0.00	0.0	7.613	0.074	0	0	0	1		
452915	PL.29250	A	Consumer	7.39Y	123.2	0.00	2.82	5.29	0	35	17	90	0.00	0.0	7.613	0.000	35	17	1	1		
PL.29437	PL.29436	A	2ALUD	7.39Y	123.2	0.00	2.80	2.73	2	19	6	95	0.00	0.0	7.563	0.024	0	0	0	1		
		B		7.41Y	123.5	0.00	2.46	7.00	4	48	20	93					0	0	0	3		
		C		7.40Y	123.4	0.00	2.60	7.28	4	50	21	92					0	0	0	3		
PL.29630	PL.29437	B	2ALUD	7.41Y	123.5	0.00	2.47	6.09	3	41	19	91	0.00	0.0	7.581	0.017	0	0	0	2		
452901	PL.29630	B	Consumer	7.41Y	123.5	0.00	2.47	2.90	0	19	9	90	0.00	0.0	7.581	0.000	19	9	1	1		
PL.29249	PL.29630	B	2ALUD	7.41Y	123.5	0.01	2.47	3.20	2	22	10	91	0.00	0.0	7.639	0.058	0	0	0	1		

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.29248	PL.29249	B	2ALUD	7.41Y	123.5	0.01	2.48	3.21	2	22	10	91	0.00	0.0	7.690	0.051	0	0	0	1		
PL.29247	PL.29248	B	2ALUD	7.41Y	123.5	0.00	2.48	3.23	2	22	10	91	0.00	0.0	7.709	0.019	0	0	0	1		
452902	PL.29247	B	Consumer	7.41Y	123.5	0.00	2.48	3.23	0	22	10	91	0.00	0.0	7.709	0.000	22	10	1	1		
PL.29435	PL.29437	A	2ALUD	7.39Y	123.2	0.01	2.81	2.73	2	19	7	94	0.01	0.0	7.686	0.123	0	0	0	1		
		B		7.41Y	123.5	0.00	2.46	0.97	1	7	1	100			0	0	0	0	1			
		C		7.40Y	123.4	0.02	2.62	5.62	3	38	16	93			0	0	0	0	2			
PL.29605	PL.29435	B	2ALUD	7.41Y	123.5	0.00	2.47	1.05	1	7	3	92	0.00	0.0	7.715	0.029	0	0	0	1		
PL.29601	PL.29605	B	2ALUD	7.41Y	123.5	0.00	2.47	1.06	1	7	3	92	0.00	0.0	7.748	0.032	0	0	0	1		
PL.29604	PL.29601	B	2ALUD	7.41Y	123.5	0.00	2.47	1.07	1	7	3	92	0.00	0.0	7.774	0.027	0	0	0	1		
452922	PL.29604	B	Consumer	7.41Y	123.5	0.00	2.47	1.08	0	7	3	92	0.00	0.0	7.774	0.000	7	3	1	1		
PL.29434	PL.29435	A	2ALUD	7.39Y	123.2	0.01	2.82	2.76	2	19	7	94	0.01	0.0	7.772	0.086	0	0	0	1		
P		B		7.41Y	123.5	-0.00	2.46	-0.26	0	0	-2	0			0	0	0	0	0	P		
		C		7.40Y	123.4	0.01	2.63	5.65	3	38	16	92			0	0	0	0	2			
PL.29602	PL.29434	C	2ALUD	7.40Y	123.4	0.01	2.64	5.75	3	38	18	90	0.00	0.0	7.826	0.054	0	0	0	2		
PL.29288	PL.29602	C	2ALUD	7.40Y	123.4	0.00	2.65	5.77	3	38	18	90	0.00	0.0	7.846	0.020	0	0	0	2		
PL.29606	PL.29288	C	2ALUD	7.40Y	123.3	0.00	2.65	5.77	3	38	19	89	0.00	0.0	7.862	0.016	0	0	0	2		
452940	PL.29606	C	Consumer	7.40Y	123.3	0.00	2.65	4.87	0	32	16	89	0.00	0.0	7.862	0.000	32	16	1	1		
452936	PL.29606	C	Consumer	7.40Y	123.3	0.00	2.65	0.91	0	6	3	89	0.00	0.0	7.862	0.000	6	3	1	1		
452921	PL.29606	C	Consumer	7.40Y	123.3	0.00	2.65	0.00	0	0	0	100	0.00	0.0	7.862	0.000	0	0	0	0		
PL.29603	PL.29434	A	2ALUD	7.39Y	123.2	0.00	2.82	2.86	2	19	9	90	0.00	0.0	7.818	0.046	0	0	0	1		
452916	PL.29603	A	Consumer	7.39Y	123.2	0.00	2.82	2.87	0	19	9	90	0.00	0.0	7.818	0.000	19	9	1	1		
P	PL.30941	A	2ALUD	7.39Y	123.2	-0.00	2.82	-0.20	0	0	-1	0	0.00	0.0	8.091	0.319	0	0	0	0	P	
P		B		7.41Y	123.5	-0.00	2.46	-0.20	0	0	-1	0			0	0	0	0	0	P		
P		C		7.40Y	123.4	-0.00	2.63	-0.20	0	0	-1	0			0	0	0	0	0	P		
PL.29246	PL.29437	C	2ALUD	7.40Y	123.4	0.00	2.61	1.67	1	11	5	91	0.00	0.0	7.637	0.074	0	0	0	1		
PL.29245	PL.29246	C	2ALUD	7.40Y	123.4	0.00	2.61	1.69	1	11	5	91	0.00	0.0	7.684	0.047	0	0	0	1		
452801	PL.29245	C	Consumer	7.40Y	123.4	0.00	2.61	1.70	0	11	5	91	0.00	0.0	7.684	0.000	11	5	1	1		
PL.29597	PL.29537	A	1/0EPRJCN	7.39Y	123.2	0.00	2.79	3.74	2	25	11	92	0.00	0.0	7.445	0.030	0	0	0	1		
		B		7.41Y	123.6	0.00	2.44	1.02	1	7	2	96			0	0	0	0	0			
		C		7.41Y	123.4	0.00	2.58	1.02	1	7	2	96			0	0	0	0	0			
PL.29309	PL.29597	A	1/0EPRJCN	7.39Y	123.2	0.00	2.79	3.75	2	25	11	92	0.00	0.0	7.478	0.033	0	0	0	1		
		B		7.41Y	123.6	0.00	2.44	1.02	1	7	2	96			0	0	0	0	0			
		C		7.41Y	123.4	0.00	2.58	1.03	1	7	2	96			0	0	0	0	0			
PL.29307	PL.29309	A	1/0EPRJCN	7.39Y	123.2	0.00	2.79	1.03	1	7	2	96	0.00	0.0	7.562	0.084	0	0	0	0		
		B		7.41Y	123.6	0.00	2.45	1.03	1	7	2	95			0	0	0	0	0			
		C		7.41Y	123.4	0.00	2.58	1.03	1	7	2	95			0	0	0	0	0			
PL.29306	PL.29307	A	1/0EPRJCN	7.39Y	123.2	0.00	2.79	1.05	1	7	3	92	0.00	0.0	7.675	0.113	0	0	0	0		
		B		7.41Y	123.6	0.00	2.45	1.05	1	7	3	94			0	0	0	0	0			
		C		7.40Y	123.4	0.00	2.58	1.05	1	7	3	94			0	0	0	0	0			
453901	PL.29306	A	Consumer	7.39Y	123.2	0.00	2.79	1.09	0	7	4	87	0.00	0.0	7.675	0.000	7	4	0	0		
		B		7.41Y	123.6	0.00	2.45	1.09	0	7	4	90			7	4	0	0	0			
		C		7.40Y	123.4	0.00	2.58	1.09	0	7	4	90			7	4	0	0	0			
PL.29308	PL.29306	A	1/0EPRJCN	7.39Y	123.2	-0.00	2.79	-0.04	0	0	0	100	0.00	0.0	7.735	0.060	0	0	0	0		
		B		7.41Y	123.6	-0.00	2.45	-0.04	0	0	0	0			0	0	0	0	0			
P		C		7.40Y	123.4	-0.00	2.58	-0.04	0	0	0	0			0	0	0	0	0	P		
PL.29311	PL.29309	A	1/0EPRJCN	7.39Y	123.2	0.00	2.79	2.73	1	18	9	89	0.00	0.0	7.501	0.022	0	0	0	1		
PL.29310	PL.29311	A	1/0EPRJCN	7.39Y	123.2	0.00	2.79	2.73	1	18	9	89	0.00	0.0	7.527	0.027	0	0	0	1		

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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 rows for elements PL.29427, PL.2800, 452934, 452937, PL.29426, PL.23213, PL.28063, PD.1042, PL.28064, PL.27872, 451902, 451904, PL.19436, P PL.19437, 451905, 451901, 451903, PL.29234, PD.1045, PL.29235, 452919, 452909, PL.29428, PL.29289, PL.29429, PL.29291, PL.29290, 452904, 452925, 452913, PL.29430.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
P PL.29431	PL.29430	A	2ALUD	7.41Y	123.5	0.00	2.53	5.60	3	38	18	90	0.00	0.0	6.416	0.017	0	0	0	3
		B		7.45Y	124.2	-0.00	1.83	-0.02	0	0	0	0	0	0			0	0	0	0
		C		7.42Y	123.7	-0.00	2.28	-0.02	0	0	0	0	0	0			0	0	0	0
452914	PL.29431	A	Consumer	7.41Y	123.5	0.00	2.53	0.18	0	1	1	71	0.00	0.0	6.416	0.000	1	1	1	1
PL.30942	PL.29431	A	2ALUD	7.41Y	123.5	-0.00	2.53	-0.01	0	0	0	100	0.00	0.0	6.437	0.021	0	0	0	0
		B		7.45Y	124.2	0.00	1.83	-0.01	0	0	0	0	0	0			0	0	0	0
		C		7.42Y	123.7	0.00	2.28	-0.01	0	0	0	0	0	0			0	0	0	0
PL.29432	PL.29431	A	2ALUD	7.41Y	123.5	0.01	2.54	5.43	3	36	17	90	0.00	0.0	6.463	0.046	0	0	0	2
PL.29547	PL.29432	A	2ALUD	7.41Y	123.5	0.00	2.54	5.44	3	36	17	90	0.00	0.0	6.484	0.021	0	0	0	2
452943	PL.29547	A	Consumer	7.41Y	123.5	0.00	2.54	4.71	0	31	15	90	0.00	0.0	6.484	0.000	31	15	1	1
452927	PL.29547	A	Consumer	7.41Y	123.5	0.00	2.54	0.74	0	5	2	93	0.00	0.0	6.484	0.000	5	2	1	1
452917	PL.29429	A	Consumer	7.41Y	123.5	0.00	2.46	9.81	0	62	38	85	0.00	0.0	5.999	0.000	62	38	0	0
		B		7.45Y	124.2	0.00	1.84	9.76	0	62	38	85	0.00	0.0			62	38	0	0
		C		7.42Y	123.7	0.00	2.29	9.80	0	62	38	85	0.00	0.0			62	38	0	0
PL.29548	PL.29425	A	1/0EPRJCN	7.42Y	123.6	-0.00	2.36	-0.02	0	0	0	100	0.00	0.0	5.708	0.036	0	0	0	0
PL.29293	PL.29425	C	1/0EPRJCN	7.43Y	123.8	0.00	2.19	0.08	0	1	0	100	0.00	0.0	5.724	0.052	0	0	0	1
PL.29292	PL.29293	C	1/0EPRJCN	7.43Y	123.8	0.00	2.19	0.08	0	1	0	100	0.00	0.0	5.752	0.028	0	0	0	1
4529046	PL.29292	C	Consumer	7.43Y	123.8	0.00	2.19	0.09	0	1	0	100	0.00	0.0	5.752	0.000	1	0	1	1
PL.2795	PL.29424	B	1/0EPRJCN	7.45Y	124.2	0.00	1.77	1.56	1	11	2	98	0.00	0.0	5.549	0.021	0	0	0	8
452930	PL.2795	B	Consumer	7.45Y	124.2	0.00	1.77	0.06	0	0	0	100	0.00	0.0	5.549	0.000	0	0	1	1
452928	PL.2795	B	Consumer	7.45Y	124.2	0.00	1.77	0.07	0	0	0	100	0.00	0.0	5.549	0.000	0	0	1	1
452931	PL.2795	B	Consumer	7.45Y	124.2	0.00	1.77	0.29	0	2	0	100	0.00	0.0	5.549	0.000	2	0	1	1
452932	PL.2795	B	Consumer	7.45Y	124.2	0.00	1.77	0.20	0	1	0	100	0.00	0.0	5.549	0.000	1	0	1	1
452929	PL.2795	B	Consumer	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	5.549	0.000	0	0	0	0
452939	PL.2795	B	Consumer	7.45Y	124.2	0.00	1.77	0.27	0	2	0	100	0.00	0.0	5.549	0.000	2	0	1	1
PL.27267	PL.2795	B	1/0EPRJCN	7.45Y	124.2	0.00	1.77	0.67	0	5	1	98	0.00	0.0	5.551	0.002	0	0	0	3
PD.1038	PL.27267	B	fuse6AMP	7.45Y	124.2	0.00	1.77	0.67	11	5	1	98	0.00	0.0	5.551	0.000	0	0	0	3
PL.27268	PD.1038	B	1/0EPRJCN	7.45Y	124.2	0.00	1.77	0.67	0	5	1	98	0.00	0.0	5.591	0.041	0	0	0	3
PL.2796	PL.27268	B	1/0EPRJCN	7.45Y	124.2	0.00	1.77	0.38	0	3	0	100	0.00	0.0	5.653	0.062	0	0	0	2
4529045	PL.2796	B	Consumer	7.45Y	124.2	0.00	1.77	0.19	0	1	0	100	0.00	0.0	5.653	0.000	1	0	1	1
452933	PL.2796	B	Consumer	7.45Y	124.2	0.00	1.77	0.20	0	1	0	100	0.00	0.0	5.653	0.000	1	0	1	1
452944	PL.27268	B	Consumer	7.45Y	124.2	0.00	1.77	0.29	0	2	0	100	0.00	0.0	5.591	0.000	2	0	1	1
PL.18490	PL.15733	C	4ACSR	7.50Y	125.1	0.00	0.93	2.13	2	16	3	98	0.00	0.0	2.119	0.013	0	0	0	3
PD.1180	PL.18490	C	fuse6AMP	7.50Y	125.1	0.00	0.93	2.13	36	16	3	98	0.00	0.0	2.119	0.000	0	0	0	3
PL.18489	PD.1180	C	4ACSR	7.50Y	125.1	0.00	0.93	2.13	2	16	3	98	0.00	0.0	2.159	0.041	0	0	0	3
PL.24718	PL.18489	C	4ACSR	7.50Y	125.1	0.00	0.94	0.92	1	7	1	99	0.00	0.0	2.240	0.081	0	0	0	2
PL.24719	PL.24718	C	4ACSR	7.50Y	125.1	0.00	0.94	0.55	0	4	1	97	0.00	0.0	2.404	0.164	0	0	0	1
399840	PL.24719	C	Consumer	7.50Y	125.1	0.00	0.94	0.55	0	4	1	97	0.00	0.0	2.404	0.000	4	1	1	1
399839	PL.24718	C	Consumer	7.50Y	125.1	0.00	0.94	0.37	0	3	1	95	0.00	0.0	2.240	0.000	3	1	1	1
PL.21198	PL.18489	C	4ACSR	7.50Y	125.1	0.01	0.94	1.21	1	9	2	98	0.00	0.0	2.255	0.096	0	0	0	1
PL.21197	PL.21198	C	4ACSR	7.50Y	125.1	0.00	0.94	1.21	1	9	2	98	0.00	0.0	2.313	0.057	0	0	0	1

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.21196	PL.21197	C	4ACSR	7.50Y	125.1	0.00	0.94	1.21	1	9	2	98	0.00	0.0	2.355	0.042	0	0	0	1
399836	PL.21196	C	Consumer	7.50Y	125.1	0.00	0.94	1.21	0	9	2	98	0.00	0.0	2.355	0.000	9	2	1	1
PL.40656	PL.40659	A	4ACSR	7.50Y	125.0	0.00	0.98	0.06	0	0	0	100	0.00	0.0	1.876	0.007	0	0	0	1
PD.7247	PL.40656	A	fuse6AMP	7.50Y	125.0	0.00	0.98	0.06	1	0	0	100	0.00	0.0	1.876	0.000	0	0	0	1
PL.40657	PD.7247	A	4ACSR	7.50Y	125.0	0.00	0.98	0.06	0	0	0	100	0.00	0.0	1.935	0.059	0	0	0	1
398849	PL.40657	A	Consumer	7.50Y	125.0	0.00	0.98	0.06	0	0	0	100	0.00	0.0	1.935	0.000	0	0	1	1
398837	PL.9603	B	Consumer	7.53Y	125.5	0.00	0.55	0.49	0	4	1	97	0.00	0.0	1.570	0.000	4	1	1	1
398841	PL.9603	B	Consumer	7.53Y	125.5	0.00	0.55	0.83	0	6	1	99	0.00	0.0	1.570	0.000	6	1	1	1
PL.1815	PL.9603	B	4ACSR	7.53Y	125.5	0.00	0.55	1.35	1	10	2	98	0.00	0.0	1.619	0.049	0	0	0	3
398852	PL.1815	B	Consumer	7.53Y	125.5	0.00	0.55	0.65	0	5	1	98	0.00	0.0	1.619	0.000	5	1	1	1
398861	PL.1815	B	Consumer	7.53Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	1.619	0.000	0	0	1	1
398851	PL.1815	B	Consumer	7.53Y	125.5	0.00	0.55	0.70	0	5	1	98	0.00	0.0	1.619	0.000	5	1	1	1
398816	PL.24716	C	Consumer	7.52Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	1.521	0.000	0	0	0	0
398854	PL.24716	A	Consumer	7.51Y	125.1	0.00	0.85	0.42	0	3	1	95	0.00	0.0	1.521	0.000	3	1	1	1
398856	PL.24716	C	Consumer	7.52Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	1.521	0.000	0	0	0	0
398832	PL.24716	B	Consumer	7.53Y	125.5	0.00	0.53	0.76	0	6	1	99	0.00	0.0	1.521	0.000	6	1	1	1
PL.15720	PL.9601	A	4ACSR	7.51Y	125.2	0.00	0.82	4.60	4	34	8	97	0.00	0.0	1.442	0.003	0	0	0	9
PD.1182	PL.15720	A	fuse8AMP	7.51Y	125.2	0.00	0.82	4.60	63	34	8	97	0.00	0.0	1.442	0.000	0	0	0	9
PL.21516	PD.1182	A	4ACSR	7.51Y	125.2	0.01	0.82	4.60	4	34	8	97	0.00	0.0	1.480	0.038	0	0	0	9
398817	PL.21516	A	Consumer	7.51Y	125.2	0.00	0.82	0.11	0	1	0	100	0.00	0.0	1.480	0.000	1	0	1	1
PL.21206	PL.21516	A	4ACSR	7.51Y	125.2	0.01	0.83	4.49	4	33	7	98	0.00	0.0	1.511	0.031	0	0	0	8
398857	PL.21206	A	Consumer	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	1.511	0.000	0	0	0	0
398820	PL.21206	A	Consumer	7.51Y	125.2	0.00	0.83	0.30	0	2	0	100	0.00	0.0	1.511	0.000	2	0	1	1
398818	PL.21206	A	Consumer	7.51Y	125.2	0.00	0.83	0.59	0	4	1	97	0.00	0.0	1.511	0.000	4	1	1	1
PL.23023	PL.21206	A	4ACSR	7.51Y	125.2	0.01	0.84	3.60	3	26	6	97	0.00	0.0	1.553	0.041	0	0	0	6
PL.23024	PL.23023	A	4ACSR	7.51Y	125.2	0.00	0.84	2.34	2	17	4	97	0.00	0.0	1.555	0.002	0	0	0	4
PL.21205	PL.23024	A	4ACSR	7.51Y	125.2	0.00	0.84	2.34	2	17	4	97	0.00	0.0	1.597	0.042	0	0	0	4
398828	PL.21205	A	Consumer	7.51Y	125.2	0.00	0.84	0.23	0	2	0	100	0.00	0.0	1.597	0.000	2	0	1	1
398831	PL.21205	A	Consumer	7.51Y	125.2	0.00	0.84	0.75	0	5	1	98	0.00	0.0	1.597	0.000	5	1	1	1
398827	PL.21205	A	Consumer	7.51Y	125.2	0.00	0.84	0.00	0	0	0	100	0.00	0.0	1.597	0.000	0	0	0	0
398826	PL.21205	A	Consumer	7.51Y	125.2	0.00	0.84	0.77	0	6	1	99	0.00	0.0	1.597	0.000	6	1	1	1
398830	PL.21205	A	Consumer	7.51Y	125.2	0.00	0.84	0.60	0	4	1	97	0.00	0.0	1.597	0.000	4	1	1	1
398822	PL.23023	A	Consumer	7.51Y	125.2	0.00	0.84	0.94	0	7	2	96	0.00	0.0	1.553	0.000	7	2	1	1
398823	PL.23023	A	Consumer	7.51Y	125.2	0.00	0.84	0.00	0	0	0	100	0.00	0.0	1.553	0.000	0	0	0	0
398824	PL.23023	A	Consumer	7.51Y	125.2	0.00	0.84	0.31	0	2	1	89	0.00	0.0	1.553	0.000	2	1	1	1
398810	PL.9600	B	Consumer	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.430	0.000	0	0	0	0
398811	PL.9600	B	Consumer	7.53Y	125.5	0.00	0.50	1.03	0	8	2	97	0.00	0.0	1.430	0.000	8	2	1	1
398812	PL.9600	A	Consumer	7.51Y	125.2	0.00	0.81	1.66	0	12	3	97	0.00	0.0	1.430	0.000	12	3	1	1

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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.29081	PL.29080	B	4ACSR	7.56Y	126.0	0.00	0.01	5.46	5	40	9	98	0.00	0.0	0.035	0.005	0	0	0	13
PL.29082	PL.29081	B	4ACSR	7.56Y	126.0	0.00	0.02	5.46	5	40	9	98	0.00	0.0	0.044	0.009	0	0	0	13
PD.7249	PL.29082	B	70V4E	7.56Y	126.0	0.00	0.02	5.46	8	40	9	98	0.00	0.0	0.044	0.000	0	0	0	13
PL.28319	PD.7249	B	4ACSR	7.56Y	126.0	0.01	0.02	5.46	5	40	9	98	0.00	0.0	0.067	0.023	0	0	0	13
PL.29083	PL.28319	B	4ACSR	7.56Y	126.0	0.00	0.02	4.20	4	31	7	98	0.00	0.0	0.077	0.010	0	0	0	7
PL.29084	PL.29083	B	4ACSR	7.56Y	126.0	0.01	0.03	4.20	4	31	7	98	0.00	0.0	0.108	0.031	0	0	0	7
PL.27473	PL.29084	B	4ACSR	7.56Y	126.0	0.00	0.03	4.20	4	31	7	98	0.00	0.0	0.119	0.011	0	0	0	7
PL.21192	PL.27473	B	4ACSR	7.56Y	126.0	0.00	0.03	4.20	4	31	7	98	0.00	0.0	0.138	0.019	0	0	0	7
PL.21193	PL.21192	B	4ACSR	7.56Y	126.0	0.00	0.04	2.22	2	16	4	97	0.00	0.0	0.165	0.027	0	0	0	4
PL.23021	PL.21193	B	4ACSR	7.56Y	126.0	0.00	0.04	2.22	2	16	4	97	0.00	0.0	0.180	0.015	0	0	0	4
399780	PL.23021	B	Consumer	7.56Y	126.0	0.00	0.04	0.85	0	6	1	99	0.00	0.0	0.180	0.000	6	1	1	1
PL.23022	PL.23021	B	4ACSR	7.56Y	126.0	0.00	0.04	1.38	1	10	2	98	0.00	0.0	0.260	0.080	0	0	0	3
PL.21194	PL.23022	B	4ACSR	7.56Y	126.0	0.00	0.04	0.60	1	4	1	97	0.00	0.0	0.284	0.024	0	0	0	1
399778	PL.21194	B	Consumer	7.56Y	126.0	0.00	0.04	0.60	0	4	1	97	0.00	0.0	0.284	0.000	4	1	1	1
399757	PL.23022	B	Consumer	7.56Y	126.0	0.00	0.04	0.45	0	3	1	95	0.00	0.0	0.260	0.000	3	1	1	1
399786	PL.23022	B	Consumer	7.56Y	126.0	0.00	0.04	0.32	0	2	1	89	0.00	0.0	0.260	0.000	2	1	1	1
399775	PL.21192	B	Consumer	7.56Y	126.0	0.00	0.03	0.55	0	4	1	97	0.00	0.0	0.138	0.000	4	1	1	1
399787	PL.21192	B	Consumer	7.56Y	126.0	0.00	0.03	1.03	0	8	2	97	0.00	0.0	0.138	0.000	8	2	1	1
399737	PL.21192	B	Consumer	7.56Y	126.0	0.00	0.03	0.41	0	3	1	95	0.00	0.0	0.138	0.000	3	1	1	1
PL.27474	PL.29084	B	4ACSR	7.56Y	126.0	0.00	0.03	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	0.02	1.26	1	9	2	98	0.00	0.0	0.094	0.027	0	0	0	6
PL.43758	PL.29076	B	4ACSR	7.56Y	126.0	0.00	0.03	1.26	1	9	2	98	0.00	0.0	0.183	0.089	0	0	0	6
3997110	PL.43758	B	Consumer	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	0.183	0.000	0	0	1	1
PL.43759	PL.43758	B	4ACSR	7.56Y	126.0	0.00	0.03	1.25	1	9	2	98	0.00	0.0	0.234	0.051	0	0	0	5
PL.27472	PL.43759	B	4ACSR	7.56Y	126.0	0.00	0.03	1.21	1	9	2	98	0.00	0.0	0.286	0.052	0	0	0	3
3997102	PL.27472	B	Consumer	7.56Y	126.0	0.00	0.03	0.41	0	3	1	95	0.00	0.0	0.286	0.000	3	1	1	1
3997101	PL.27472	B	Consumer	7.56Y	126.0	0.00	0.03	0.60	0	4	1	97	0.00	0.0	0.286	0.000	4	1	1	1
PL.21195	PL.27472	B	4ACSR	7.56Y	126.0	0.00	0.03	0.21	0	2	0	100	0.00	0.0	0.327	0.041	0	0	0	1
399724	PL.21195	B	Consumer	7.56Y	126.0	0.00	0.03	0.21	0	2	0	100	0.00	0.0	0.327	0.000	2	0	1	1
PL.40660	PL.43759	B	4ACSR	7.56Y	126.0	0.00	0.03	0.05	0	0	0	100	0.00	0.0	0.241	0.007	0	0	0	2
PD.7250	PL.40660	B	fuse6AMP	7.56Y	126.0	0.00	0.03	0.05	1	0	0	100	0.00	0.0	0.241	0.000	0	0	0	2
PL.40661	PD.7250	B	4ACSR	7.56Y	126.0	0.00	0.03	0.05	0	0	0	100	0.00	0.0	0.279	0.038	0	0	0	2
PL.19018	PL.40661	B	4ACSR	7.56Y	126.0	0.00	0.03	0.05	0	0	0	100	0.00	0.0	0.326	0.047	0	0	0	2
PL.27996	PL.19018	B	4ACSR	7.56Y	126.0	0.00	0.03	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	0.03	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	0.03	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	0.03	0.05	0	0	0	100	0.00	0.0	0.326	0.000	0	0	1	1
3997113	PL.19018	B	Consumer	7.56Y	126.0	0.00	0.03	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\SUMMER\PROPOSED SUMMER 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.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\SUMMER\PROPOSED SUMMER 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.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.

Unbalanced Voltage Drop Report
Source: CAVE RUN

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

		Units Displayed In Volts														-----Element-----				
		-Base Voltage:120.0-																		
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	KW	KVAR	Cons On	Cons Thru
PL.6535	PL.6536	A	1/OACSR	7.53Y	125.6	0.02	0.42	22.48	11	157	63	93	0.15	0.0	1.152	0.066	0	0	0	58
		B		7.53Y	125.5	0.04	0.48	25.31	13	176	73	92					0	0	0	39
		C		7.52Y	125.3	0.05	0.72	38.05	19	269	98	94					0	0	0	83
PL.9220	PL.6535	A	1/OACSR	7.53Y	125.5	0.06	0.48	22.48	11	157	63	93	0.48	0.1	1.361	0.209	0	0	0	58
		B		7.52Y	125.4	0.11	0.59	25.31	13	176	73	92					0	0	0	39
		C		7.51Y	125.1	0.16	0.88	38.05	19	269	98	94					0	0	0	83
PL.9221	PL.9220	A	1/OACSR	7.53Y	125.5	0.03	0.51	22.48	11	157	63	93	0.28	0.0	1.485	0.124	0	0	0	58
		B		7.52Y	125.3	0.07	0.66	25.31	13	176	73	92					0	0	0	39
		C		7.50Y	125.0	0.09	0.97	38.05	19	268	98	94					0	0	0	83
PL.20888	PL.9221	A	4ACSR	7.53Y	125.5	0.01	0.52	22.23	19	156	62	93	0.04	0.0	1.492	0.007	0	0	0	57
		B		7.52Y	125.3	0.01	0.67	25.31	21	176	73	92					0	0	0	39
		C		7.50Y	125.0	0.01	0.99	38.05	32	268	98	94					0	0	0	83
PD.396-A	PL.20888	A	Closed	7.53Y	125.5	0.00	0.52	22.23	0	156	62	93	0.00	0.0	1.492	0.000	0	0	0	57
		B		7.52Y	125.3	0.00	0.67	25.31	0	176	73	92					0	0	0	39
		C		7.50Y	125.0	0.00	0.99	38.05	0	268	98	94					0	0	0	83
PD.396-B	PD.396-A	A	Closed	7.53Y	125.5	0.00	0.52	22.23	0	156	62	93	0.00	0.0	1.492	0.000	0	0	0	57
		B		7.52Y	125.3	0.00	0.67	25.31	0	176	73	92					0	0	0	39
		C		7.50Y	125.0	0.00	0.99	38.05	0	268	98	94					0	0	0	83
PL.20889	PD.396-B	A	1/OACSR	7.52Y	125.4	0.07	0.59	22.23	11	156	62	93	0.58	0.1	1.749	0.257	0	0	0	57
		B		7.51Y	125.2	0.14	0.81	25.31	13	176	73	92					0	0	0	39
		C		7.49Y	124.8	0.20	1.18	38.05	19	268	98	94					0	0	0	83
PL.27914	PL.20889	C	4ACSR	7.49Y	124.8	0.00	1.19	10.06	8	74	16	98	0.00	0.0	1.755	0.005	0	0	0	42
PD.2662	PL.27914	C	35L	7.49Y	124.8	0.00	1.19	10.06	29	74	16	98	0.00	0.0	1.755	0.000	0	0	0	42
PL.27915	PD.2662	C	4ACSR	7.49Y	124.8	0.04	1.22	10.06	8	74	16	98	0.02	0.0	1.836	0.081	0	0	0	42
PL.6533	PL.27915	C	4ACSR	7.49Y	124.8	0.02	1.24	9.37	8	68	15	98	0.01	0.0	1.882	0.046	0	0	0	41
PL.9230	PL.6533	C	4ACSR	7.48Y	124.7	0.01	1.25	4.88	4	36	8	98	0.00	0.0	1.935	0.053	0	0	0	21
PL.9231	PL.9230	C	4ACSR	7.48Y	124.7	0.01	1.26	4.15	3	30	7	97	0.00	0.0	1.970	0.035	0	0	0	15
PL.17940	PL.9231	C	4ACSR	7.48Y	124.7	0.00	1.26	3.15	3	23	5	98	0.00	0.0	1.970	0.000	0	0	0	10
PL.17941	PL.17940	C	4ACSR	7.48Y	124.7	0.00	1.26	3.15	3	23	5	98	0.00	0.0	1.997	0.026	0	0	0	10
PL.9232	PL.17941	C	4ACSR	7.48Y	124.7	0.00	1.27	2.40	2	18	4	98	0.00	0.0	2.040	0.043	0	0	0	8
451760	PL.9232	C	Consumer	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	2.040	0.000	0	0	0	0
PL.19335	PL.9232	C	4ACSR	7.48Y	124.7	0.00	1.27	1.43	1	10	2	98	0.00	0.0	2.105	0.065	0	0	0	6
451758	PL.19335	C	Consumer	7.48Y	124.7	0.00	1.27	0.15	0	1	0	100	0.00	0.0	2.105	0.000	1	0	1	1
PL.43966	PL.19335	C	4ACSR	7.48Y	124.7	0.00	1.27	0.07	0	0	0	100	0.00	0.0	2.135	0.031	0	0	0	1
451709	PL.43966	C	Consumer	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	2.135	0.000	0	0	0	0
4517063	PL.43966	C	Consumer	7.48Y	124.7	0.00	1.27	0.07	0	0	0	100	0.00	0.0	2.135	0.000	0	0	1	1
PL.19713	PL.19335	C	4ACSR	7.48Y	124.7	0.00	1.27	1.21	1	9	2	98	0.00	0.0	2.135	0.030	0	0	0	4
451727	PL.19713	C	Consumer	7.48Y	124.7	0.00	1.27	0.47	0	3	1	95	0.00	0.0	2.135	0.000	3	1	1	1
PL.19714	PL.19713	C	4ACSR	7.48Y	124.7	0.00	1.27	0.74	1	5	1	98	0.00	0.0	2.183	0.049	0	0	0	3
PL.6530	PL.19714	C	4ACSR	7.48Y	124.7	0.00	1.28	0.40	0	3	1	95	0.00	0.0	2.267	0.084	0	0	0	1
PL.40808	PL.6530	C	4ACSR	7.48Y	124.7	0.00	1.28	0.40	0	3	1	95	0.00	0.0	2.425	0.158	0	0	0	1
PD.7262-A	PL.40808	C	Closed	7.48Y	124.7	0.00	1.28	0.40	0	3	1	95	0.00	0.0	2.425	0.000	0	0	0	1
PD.7262-B	PD.7262-A	C	Closed	7.48Y	124.7	0.00	1.28	0.40	0	3	1	95	0.00	0.0	2.425	0.000	0	0	0	1
PL.40809	PD.7262-B	C	4ACSR	7.48Y	124.7	0.01	1.29	0.40	0	3	1	95	0.00	0.0	2.785	0.360	0	0	0	1
451601	PL.40809	C	Consumer	7.48Y	124.7	0.00	1.29	0.40	0	3	1	95	0.00	0.0	2.785	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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							
451710	PL.19714	C	Consumer	7.48Y	124.7	0.00	1.27	0.32	0	2	1	89	0.00	0.0	2.183	0.000	2	1	1	1
451747	PL.19714	C	Consumer	7.48Y	124.7	0.00	1.27	0.02	0	0	0	100	0.00	0.0	2.183	0.000	0	0	1	1
PL.40806	PL.9232	C	4ACSR	7.48Y	124.7	0.00	1.27	0.98	1	7	2	96	0.00	0.0	2.045	0.005	0	0	0	2
PD.7261	PL.40806	C	fuse6AMP	7.48Y	124.7	0.00	1.27	0.98	17	7	2	96	0.00	0.0	2.045	0.000	0	0	0	2
PL.40807	PD.7261	C	4ACSR	7.48Y	124.7	0.00	1.27	0.98	1	7	2	96	0.00	0.0	2.080	0.035	0	0	0	2
PL.2794	PL.40807	C	4ACSR	7.48Y	124.7	0.00	1.27	0.16	0	1	0	100	0.00	0.0	2.112	0.032	0	0	0	1
451762	PL.2794	C	Consumer	7.48Y	124.7	0.00	1.27	0.16	0	1	0	100	0.00	0.0	2.112	0.000	1	0	1	1
451712	PL.40807	C	Consumer	7.48Y	124.7	0.00	1.27	0.82	0	6	1	99	0.00	0.0	2.080	0.000	6	1	1	1
451749	PL.17941	C	Consumer	7.48Y	124.7	0.00	1.26	0.24	0	2	0	100	0.00	0.0	1.997	0.000	2	0	1	1
PL.40804	PL.17941	C	4ACSR	7.48Y	124.7	0.00	1.26	0.50	0	4	1	97	0.00	0.0	2.001	0.004	0	0	0	1
PD.7260	PL.40804	C	fuse6AMP	7.48Y	124.7	0.00	1.26	0.50	9	4	1	97	0.00	0.0	2.001	0.000	0	0	0	1
PL.40805	PD.7260	C	4ACSR	7.48Y	124.7	0.00	1.26	0.50	0	4	1	97	0.00	0.0	2.084	0.083	0	0	0	1
PL.2791	PL.40805	C	4ACSR	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	2.164	0.081	0	0	0	0
451730	PL.40805	C	Consumer	7.48Y	124.7	0.00	1.26	0.50	0	4	1	97	0.00	0.0	2.084	0.000	4	1	1	1
PL.6532	PL.17940	C	4ACSR	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	1.970	0.000	0	0	0	0
451752	PL.9231	C	Consumer	7.48Y	124.7	0.00	1.26	0.08	0	1	0	100	0.00	0.0	1.970	0.000	1	0	1	1
PL.40802	PL.9231	C	4ACSR	7.48Y	124.7	0.00	1.26	0.92	1	7	1	99	0.00	0.0	1.975	0.005	0	0	0	4
PD.7259	PL.40802	C	fuse6AMP	7.48Y	124.7	0.00	1.26	0.92	16	7	1	99	0.00	0.0	1.975	0.000	0	0	0	4
PL.40803	PD.7259	C	4ACSR	7.48Y	124.7	0.00	1.26	0.92	1	7	1	99	0.00	0.0	2.017	0.042	0	0	0	4
PL.22911	PL.40803	C	4ACSR	7.48Y	124.7	0.00	1.26	0.54	0	4	1	97	0.00	0.0	2.049	0.032	0	0	0	3
451732	PL.22911	C	Consumer	7.48Y	124.7	0.00	1.26	0.33	0	2	1	89	0.00	0.0	2.049	0.000	2	1	1	1
451735	PL.22911	C	Consumer	7.48Y	124.7	0.00	1.26	0.06	0	0	0	100	0.00	0.0	2.049	0.000	0	0	1	1
451731	PL.22911	C	Consumer	7.48Y	124.7	0.00	1.26	0.14	0	1	0	100	0.00	0.0	2.049	0.000	1	0	1	1
451744	PL.40803	C	Consumer	7.48Y	124.7	0.00	1.26	0.38	0	3	1	95	0.00	0.0	2.017	0.000	3	1	1	1
451751	PL.9230	C	Consumer	7.48Y	124.7	0.00	1.25	0.16	0	1	0	100	0.00	0.0	1.935	0.000	1	0	1	1
451736	PL.9230	C	Consumer	7.48Y	124.7	0.00	1.25	0.02	0	0	0	100	0.00	0.0	1.935	0.000	0	0	1	1
PL.40676	PL.9230	C	4ACSR	7.48Y	124.7	0.00	1.25	0.54	0	4	1	97	0.00	0.0	1.940	0.005	0	0	0	4
PD.7258	PL.40676	C	fuse6AMP	7.48Y	124.7	0.00	1.25	0.54	9	4	1	97	0.00	0.0	1.940	0.000	0	0	0	4
PL.40677	PD.7258	C	4ACSR	7.48Y	124.7	0.00	1.25	0.54	0	4	1	97	0.00	0.0	1.970	0.030	0	0	0	4
451733	PL.40677	C	Consumer	7.48Y	124.7	0.00	1.25	0.03	0	0	0	100	0.00	0.0	1.970	0.000	0	0	1	1
451739	PL.40677	C	Consumer	7.48Y	124.7	0.00	1.25	0.05	0	0	0	100	0.00	0.0	1.970	0.000	0	0	1	1
451728	PL.40677	C	Consumer	7.48Y	124.7	0.00	1.25	0.04	0	0	0	100	0.00	0.0	1.970	0.000	0	0	1	1
451729	PL.40677	C	Consumer	7.48Y	124.7	0.00	1.25	0.42	0	3	1	95	0.00	0.0	1.970	0.000	3	1	1	1
451757	PL.6533	C	Consumer	7.49Y	124.8	0.00	1.24	0.23	0	2	0	100	0.00	0.0	1.882	0.000	2	0	1	1
451748	PL.6533	C	Consumer	7.49Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	1.882	0.000	0	0	1	1
PL.40674	PL.6533	C	4ACSR	7.49Y	124.8	0.00	1.24	4.26	4	31	7	98	0.00	0.0	1.887	0.005	0	0	0	18
PD.7256	PL.40674	C	fuse6AMP	7.49Y	124.8	0.00	1.24	4.26	73	31	7	98	0.00	0.0	1.887	0.000	0	0	0	18
PL.40675	PD.7256	C	4ACSR	7.48Y	124.7	0.01	1.25	4.26	4	31	7	98	0.00	0.0	1.955	0.067	0	0	0	18

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.21911	PL.40675	C	4ACSR	7.48Y	124.7	0.00	1.26	4.26	4	31	7	98	0.00	0.0	1.956	0.002	0	0	0	18
451713	PL.21911	C	Consumer	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	1.956	0.000	0	0	0	0
451734	PL.21911	C	Consumer	7.48Y	124.7	0.00	1.26	0.32	0	2	1	89	0.00	0.0	1.956	0.000	2	1	1	1
PL.21912	PL.21911	C	4ACSR	7.48Y	124.7	0.01	1.26	3.94	3	29	6	98	0.00	0.0	1.988	0.032	0	0	0	17
451754	PL.21912	C	Consumer	7.48Y	124.7	0.00	1.26	0.22	0	2	0	100	0.00	0.0	1.988	0.000	2	0	1	1
451720	PL.21912	C	Consumer	7.48Y	124.7	0.00	1.26	0.09	0	1	0	100	0.00	0.0	1.988	0.000	1	0	1	1
451723	PL.21912	C	Consumer	7.48Y	124.7	0.00	1.26	0.14	0	1	0	100	0.00	0.0	1.988	0.000	1	0	1	1
451722	PL.21912	C	Consumer	7.48Y	124.7	0.00	1.26	0.14	0	1	0	100	0.00	0.0	1.988	0.000	1	0	1	1
451755	PL.21912	C	Consumer	7.48Y	124.7	0.00	1.26	0.02	0	0	0	100	0.00	0.0	1.988	0.000	0	0	1	1
451741	PL.21912	C	Consumer	7.48Y	124.7	0.00	1.26	0.36	0	3	1	95	0.00	0.0	1.988	0.000	3	1	1	1
451721	PL.21912	C	Consumer	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	1.988	0.000	0	0	0	0
PL.22664	PL.21912	C	4ACSR	7.48Y	124.7	0.00	1.26	2.97	2	22	5	98	0.00	0.0	2.017	0.029	0	0	0	11
451716	PL.22664	C	Consumer	7.48Y	124.7	0.00	1.26	0.48	0	3	1	95	0.00	0.0	2.017	0.000	3	1	1	1
451717	PL.22664	C	Consumer	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	2.017	0.000	0	0	0	0
451750	PL.22664	C	Consumer	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	2.017	0.000	0	0	0	0
451745	PL.22664	C	Consumer	7.48Y	124.7	0.00	1.26	0.16	0	1	0	100	0.00	0.0	2.017	0.000	1	0	1	1
451725	PL.22664	C	Consumer	7.48Y	124.7	0.00	1.26	0.71	0	5	1	98	0.00	0.0	2.017	0.000	5	1	1	1
451738	PL.22664	C	Consumer	7.48Y	124.7	0.00	1.26	0.02	0	0	0	100	0.00	0.0	2.017	0.000	0	0	1	1
451753	PL.22664	C	Consumer	7.48Y	124.7	0.00	1.26	0.06	0	0	0	100	0.00	0.0	2.017	0.000	0	0	1	1
451759	PL.22664	C	Consumer	7.48Y	124.7	0.00	1.26	0.06	0	0	0	100	0.00	0.0	2.017	0.000	0	0	1	1
451756	PL.22664	C	Consumer	7.48Y	124.7	0.00	1.26	0.03	0	0	0	100	0.00	0.0	2.017	0.000	0	0	1	1
451740	PL.22664	C	Consumer	7.48Y	124.7	0.00	1.26	0.27	0	2	0	100	0.00	0.0	2.017	0.000	2	0	1	1
451718	PL.22664	C	Consumer	7.48Y	124.7	0.00	1.26	0.21	0	2	0	100	0.00	0.0	2.017	0.000	2	0	1	1
451719	PL.22664	C	Consumer	7.48Y	124.7	0.00	1.26	0.31	0	2	1	89	0.00	0.0	2.017	0.000	2	1	1	1
451746	PL.22664	C	Consumer	7.48Y	124.7	0.00	1.26	0.66	0	5	1	98	0.00	0.0	2.017	0.000	5	1	1	1
451707	PL.27915	C	Consumer	7.49Y	124.8	0.00	1.22	0.70	0	5	1	98	0.00	0.0	1.836	0.000	5	1	1	1
PL.15554	PL.20889	A	1/0ACSR	7.52Y	125.4	0.02	0.60	22.23	11	155	62	93	0.08	0.0	1.795	0.046	0	0	0	57
		B		7.51Y	125.2	0.02	0.83	25.31	13	176	73	92					0	0	0	39
		C		7.49Y	124.8	0.02	1.21	28.10	14	194	81	92					0	0	0	41
PD.397-A	PL.15554	A	Closed	7.52Y	125.4	0.00	0.60	22.23	0	155	62	93	0.00	0.0	1.795	0.000	0	0	0	57
		B		7.51Y	125.2	0.00	0.83	25.31	0	176	73	92					0	0	0	39
		C		7.49Y	124.8	0.00	1.21	28.10	0	194	81	92					0	0	0	41
PD.397-B	PD.397-A	A	Closed	7.52Y	125.4	0.00	0.60	22.23	0	155	62	93	0.00	0.0	1.795	0.000	0	0	0	57
		B		7.51Y	125.2	0.00	0.83	25.31	0	176	73	92					0	0	0	39
		C		7.49Y	124.8	0.00	1.21	28.10	0	194	81	92					0	0	0	41
PL.15555	PD.397-B	A	1/0ACSR	7.48Y	124.7	0.69	1.29	22.23	11	155	62	93	3.15	0.6	3.693	1.898	0	0	0	57
		B		7.45Y	124.2	0.96	1.79	25.31	13	176	73	92					0	0	0	39
		C		7.43Y	123.8	1.02	2.23	28.10	14	194	81	92					0	0	0	41
PL.119	PL.15555	A	1/0ACSR	7.47Y	124.5	0.19	1.49	22.23	11	155	61	93	0.89	0.2	4.228	0.535	0	0	0	57
		B		7.44Y	123.9	0.27	2.06	25.31	13	174	72	92					0	0	0	39
		C		7.41Y	123.5	0.29	2.52	28.10	14	193	79	92					0	0	0	41
PL.6542	PL.119	A	1/0ACSR	7.45Y	124.2	0.30	1.79	22.23	11	155	61	93	1.37	0.3	5.056	0.828	0	0	0	57
		B		7.41Y	123.5	0.42	2.48	25.31	13	174	72	93					0	0	0	39
		C		7.38Y	123.0	0.45	2.96	28.10	14	193	79	93					0	0	0	41

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.6543, PL.126, PL.8606, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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						
REG61	PL.20599	A	1ph-100A-7	7.56Y	126.0	-3.29	0.00	18.53	19	127	50	93	percent Boost= 2.68 Tap= 4.3		2.68	4.3	0	0	0	45		
		B		7.56Y	126.0	-4.50	-0.00	23.97	24	162	66	92	percent Boost= 3.71 Tap= 5.9									
		C		7.56Y	126.0	-5.09	-0.00	22.24	22	150	59	93	percent Boost= 4.21 Tap= 6.7									
PL.25505	REG61	A	4ACSR	7.55Y	125.9	0.11	0.11	18.05	15	127	50	93	0.44	0.1	7.360	0.156	0	0	0	45		
		B		7.55Y	125.9	0.15	0.15	23.11	19	162	66	92	0	0	0	0	0	0	37			
		C		7.55Y	125.9	0.12	0.12	21.34	18	150	59	93	0	0	0	0	0	0	38			
PL.166	PL.25505	A	4ACSR	7.55Y	125.8	0.06	0.17	17.73	15	125	49	93	0.26	0.1	7.453	0.094	0	0	0	44		
		B		7.55Y	125.8	0.09	0.24	23.11	19	161	66	92	0	0	0	0	0	0	37			
		C		7.55Y	125.8	0.07	0.20	21.34	18	150	59	93	0	0	0	0	0	0	38			
PL.25396	PL.166	A	4ACSR	7.55Y	125.8	0.03	0.20	17.73	15	125	49	93	0.12	0.0	7.497	0.043	0	0	0	44		
		B		7.54Y	125.7	0.04	0.28	23.11	19	161	66	92	0	0	0	0	0	0	37			
		C		7.55Y	125.8	0.03	0.23	21.34	18	150	59	93	0	0	0	0	0	0	38			
PL.25397	PL.25396	A	4ACSR	7.55Y	125.8	0.05	0.25	17.58	15	124	48	93	0.22	0.1	7.575	0.078	0	0	0	42		
		B		7.54Y	125.7	0.07	0.35	23.11	19	161	66	92	0	0	0	0	0	0	37			
		C		7.54Y	125.7	0.06	0.29	21.34	18	150	59	93	0	0	0	0	0	0	38			
PL.27862	PL.25397	A	4ACSR	7.54Y	125.7	0.02	0.26	16.89	14	119	46	93	0.07	0.0	7.599	0.024	0	0	0	41		
		B		7.54Y	125.6	0.02	0.37	23.11	19	161	66	92	0	0	0	0	0	0	37			
		C		7.54Y	125.7	0.02	0.31	21.19	18	149	58	93	0	0	0	0	0	0	37			
PL.18715	PL.27862	A	4ACSR	7.54Y	125.7	0.01	0.27	16.89	14	119	46	93	0.04	0.0	7.612	0.013	0	0	0	41		
		B		7.54Y	125.6	0.01	0.38	23.11	19	161	66	92	0	0	0	0	0	0	37			
		C		7.54Y	125.7	0.01	0.32	20.69	17	145	57	93	0	0	0	0	0	0	35			
PL.25398	PL.18715	A	4ACSR	7.54Y	125.7	0.04	0.31	16.89	14	119	46	93	0.15	0.0	7.675	0.063	0	0	0	41		
		B		7.53Y	125.6	0.06	0.44	23.11	19	161	66	92	0	0	0	0	0	0	37			
		C		7.54Y	125.6	0.04	0.36	17.07	14	120	47	93	0	0	0	0	0	0	28			
PL.25399	PL.25398	A	4ACSR	7.54Y	125.6	0.08	0.39	16.89	14	119	46	93	0.26	0.1	7.790	0.116	0	0	0	41		
		B		7.53Y	125.5	0.10	0.54	21.41	18	149	62	92	0	0	0	0	0	0	33			
		C		7.53Y	125.6	0.07	0.43	17.07	14	120	47	93	0	0	0	0	0	0	28			
PL.25400	PL.25399	A	4ACSR	7.53Y	125.5	0.09	0.48	16.89	14	119	46	93	0.30	0.1	7.925	0.135	0	0	0	41		
		B		7.52Y	125.3	0.11	0.66	20.97	18	146	60	92	0	0	0	0	0	0	31			
		C		7.53Y	125.5	0.08	0.51	17.07	14	120	47	93	0	0	0	0	0	0	27			
PL.25401	PL.25400	A	4ACSR	7.52Y	125.4	0.16	0.64	14.77	12	104	41	93	0.59	0.2	8.213	0.288	0	0	0	38		
		B		7.51Y	125.1	0.25	0.90	20.97	18	146	60	92	0	0	0	0	0	0	31			
		C		7.52Y	125.3	0.18	0.69	17.07	14	120	47	93	0	0	0	0	0	0	27			
PL.25405	PL.25401	A	4ACSR	7.52Y	125.3	0.06	0.69	14.77	12	103	40	93	0.20	0.1	8.315	0.102	0	0	0	38		
		B		7.50Y	125.0	0.08	0.99	20.41	17	142	59	92	0	0	0	0	0	0	29			
		C		7.51Y	125.2	0.06	0.75	17.07	14	120	47	93	0	0	0	0	0	0	27			
PL.40887	PL.25405	A	4ACSR	7.52Y	125.3	0.02	0.71	14.77	12	103	40	93	0.06	0.0	8.348	0.033	0	0	0	38		
		B		7.50Y	125.0	0.03	1.02	20.41	17	141	59	92	0	0	0	0	0	0	29			
		C		7.51Y	125.2	0.02	0.77	16.45	14	115	45	93	0	0	0	0	0	0	26			
PD.7275-B	PL.40887	A	Closed	7.52Y	125.3	0.00	0.71	14.77	0	103	40	93	0.00	0.0	8.348	0.000	0	0	0	38		
		B		7.50Y	125.0	0.00	1.02	20.41	0	141	59	92	0	0	0	0	0	0	29			
		C		7.51Y	125.2	0.00	0.77	16.45	0	115	45	93	0	0	0	0	0	0	26			
PD.7275-A	PD.7275-B	A	Closed	7.52Y	125.3	0.00	0.71	14.77	0	103	40	93	0.00	0.0	8.348	0.000	0	0	0	38		
		B		7.50Y	125.0	0.00	1.02	20.41	0	141	59	92	0	0	0	0	0	0	29			
		C		7.51Y	125.2	0.00	0.77	16.45	0	115	45	93	0	0	0	0	0	0	26			
PL.40886	PD.7275-A	A	4ACSR	7.52Y	125.3	0.02	0.73	14.77	12	103	40	93	0.06	0.0	8.378	0.030	0	0	0	38		
		B		7.50Y	125.0	0.03	1.04	20.41	17	141	59	92	0	0	0	0	0	0	29			
		C		7.51Y	125.2	0.02	0.79	16.45	14	115	45	93	0	0	0	0	0	0	26			
PL.20420	PL.40886	A	4ACSR	7.51Y	125.2	0.04	0.77	14.77	12	103	40	93	0.14	0.0	8.458	0.080	0	0	0	38		
		B		7.49Y	124.9	0.06	1.10	18.74	16	130	54	92	0	0	0	0	0	0	25			
		C		7.51Y	125.2	0.05	0.84	16.45	14	115	45	93	0	0	0	0	0	0	26			
PL.20419	PL.20420	A	4ACSR	7.51Y	125.2	0.00	0.78	14.77	12	103	40	93	0.01	0.0	8.464	0.007	0	0	0	38		
		B		7.49Y	124.9	0.01	1.11	18.74	16	130	54	92	0	0	0	0	0	0	25			
		C		7.51Y	125.2	0.00	0.84	16.45	14	115	45	93	0	0	0	0	0	0	26			
PL.25465	PL.20419	A	6ACWC	7.51Y	125.2	0.02	0.80	9.03	8	63	25	93	0.11	0.0	8.534	0.070	0	0	0	27		
		B		7.49Y	124.8	0.06	1.17	18.74	16	130	54	92	0	0	0	0	0	0	25			
		C		7.51Y	125.1	0.04	0.88	16.45	14	115	45	93	0	0	0	0	0	0	26			

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 CWP.WM\
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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. Includes data for elements PL.25477 through PL.43355.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.19368	PL.43355	A	6ACWC	7.50Y	125.0	-0.00	1.03	0.00	0	0	0	0	100	0.00	0.0	9.987	0.035	0	0	0	0
		B		7.47Y	124.5	0.00	1.46	0.00	0	0	0	0	100					0	0	0	0
		C		7.48Y	124.6	0.00	1.36	0.82	1	6	2	93						0	0	0	2
PL.19367	PL.19368	A	6ACWC	7.50Y	125.0	0.00	1.03	0.00	0	0	0	0	100	0.00	0.0	10.033	0.046	0	0	0	0
		B		7.47Y	124.5	0.00	1.46	0.00	0	0	0	0	100					0	0	0	0
		C		7.48Y	124.6	0.00	1.36	0.00	0	0	0	100						0	0	0	0
PL.40891	PL.19367	A	6ACWC	7.50Y	125.0	0.00	1.03	0.00	0	0	0	0	100	0.00	0.0	10.100	0.067	0	0	0	0
		B		7.47Y	124.5	0.00	1.46	0.00	0	0	0	0	100					0	0	0	0
		C		7.48Y	124.6	0.00	1.36	0.00	0	0	0	100						0	0	0	0
456305	PL.19368	C	Consumer	7.48Y	124.6	0.00	1.36	0.82	0	6	2	95	0.00	0.0	9.987	0.000	6	2	1	1	
456350	PL.19368	C	Consumer	7.48Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	9.987	0.000	0	0	1	1	
PL.44218	PL.43356	A	2ACSR	7.50Y	125.0	0.00	1.03	0.01	0	0	0	100	0.00	0.0	10.016	0.074	0	0	0	1	
456365	PL.44218	A	Consumer	7.50Y	125.0	0.00	1.03	0.01	0	0	0	100	0.00	0.0	10.016	0.000	0	0	1	1	
4563068	PL.44218	A	Consumer	7.50Y	125.0	0.00	1.03	0.00	0	0	0	100	0.00	0.0	10.016	0.000	0	0	0	0	
456343	PL.43356	C	Consumer	7.48Y	124.6	0.00	1.36	0.03	0	0	0	100	0.00	0.0	9.942	0.000	0	0	1	1	
456337	PL.43356	C	Consumer	7.48Y	124.6	0.00	1.36	0.33	0	2	1	89	0.00	0.0	9.942	0.000	2	1	1	1	
PL.41018	PL.9467	C	4ACSR	7.48Y	124.7	0.00	1.35	3.03	3	21	8	93	0.00	0.0	9.794	0.011	0	0	0	3	
PD.7323	PL.41018	C	fuse6AMP	7.48Y	124.7	0.00	1.35	3.03	52	21	8	93	0.00	0.0	9.794	0.000	0	0	0	3	
PL.41019	PD.7323	C	4ACSR	7.48Y	124.6	0.01	1.36	3.03	3	21	8	93	0.00	0.0	9.862	0.068	0	0	0	3	
PL.22522	PL.41019	C	4ACSR	7.48Y	124.6	0.01	1.37	3.03	3	21	8	93	0.00	0.0	9.953	0.091	0	0	0	3	
PL.22523	PL.22522	C	4ACSR	7.48Y	124.6	0.00	1.37	0.83	1	6	2	95	0.00	0.0	10.021	0.068	0	0	0	1	
456332	PL.22523	C	Consumer	7.48Y	124.6	0.00	1.37	0.83	0	6	2	95	0.00	0.0	10.021	0.000	6	2	1	1	
456330	PL.22522	C	Consumer	7.48Y	124.6	0.00	1.37	1.27	0	9	3	95	0.00	0.0	9.953	0.000	9	3	1	1	
456329	PL.22522	C	Consumer	7.48Y	124.6	0.00	1.37	0.93	0	6	3	89	0.00	0.0	9.953	0.000	6	3	1	1	
456353	PL.41019	C	Consumer	7.48Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	9.862	0.000	0	0	0	0	
456325	PL.9467	A	Consumer	7.50Y	125.0	0.00	1.03	0.00	0	0	0	100	0.00	0.0	9.783	0.000	0	0	0	0	
456308	PL.9467	C	Consumer	7.48Y	124.7	0.00	1.35	1.04	0	7	3	92	0.00	0.0	9.783	0.000	7	3	1	1	
456342	PL.9465	A	Consumer	7.50Y	125.0	0.00	1.03	0.55	0	4	2	89	0.00	0.0	9.744	0.000	4	2	1	1	
456352	PL.9465	A	Consumer	7.50Y	125.0	0.00	1.03	0.00	0	0	0	100	0.00	0.0	9.744	0.000	0	0	1	1	
PL.41020	PL.9465	C	4ACSR	7.48Y	124.7	0.00	1.34	1.75	1	12	5	92	0.00	0.0	9.752	0.008	0	0	0	3	
PD.7324	PL.41020	C	fuse6AMP	7.48Y	124.7	0.00	1.34	1.75	30	12	5	92	0.00	0.0	9.752	0.000	0	0	0	3	
PL.41021	PD.7324	C	4ACSR	7.48Y	124.7	0.00	1.34	1.75	1	12	5	92	0.00	0.0	9.770	0.018	0	0	0	3	
PL.28555	PL.41021	C	4ACSR	7.48Y	124.7	0.00	1.34	1.75	1	12	5	92	0.00	0.0	9.799	0.029	0	0	0	3	
456351	PL.28555	C	Consumer	7.48Y	124.7	0.00	1.34	0.57	0	4	2	89	0.00	0.0	9.799	0.000	4	2	1	1	
PL.21620	PL.28555	C	4ACSR	7.48Y	124.7	0.00	1.34	1.18	1	8	3	94	0.00	0.0	9.831	0.032	0	0	0	2	
PL.21621	PL.21620	C	4ACSR	7.48Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	9.859	0.027	0	0	0	0	
PL.23086	PL.21620	C	4ACSR	7.48Y	124.7	0.00	1.35	0.69	1	5	2	93	0.00	0.0	9.862	0.031	0	0	0	1	
456310	PL.23086	C	Consumer	7.48Y	124.7	0.00	1.35	0.69	0	5	2	93	0.00	0.0	9.862	0.000	5	2	1	1	
456335	PL.21620	C	Consumer	7.48Y	124.7	0.00	1.34	0.49	0	3	1	95	0.00	0.0	9.831	0.000	3	1	1	1	
PL.41024	PL.9464	C	4ACSR	7.48Y	124.7	0.00	1.33	0.93	1	6	3	89	0.00	0.0	9.715	0.009	0	0	0	2	
PD.7326	PL.41024	C	fuse6AMP	7.48Y	124.7	0.00	1.33	0.93	16	6	3	89	0.00	0.0	9.715	0.000	0	0	0	2	

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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.41025	PD.7326	C	4ACSR	7.48Y	124.7	0.00	1.33	0.93	1	6	3	89	0.00	0.0	9.777	0.062	0	0	0	2
456367	PL.41025	C	Consumer	7.48Y	124.7	0.00	1.33	0.00	0	0	0	100	0.00	0.0	9.777	0.000	0	0	1	1
456341	PL.41025	C	Consumer	7.48Y	124.7	0.00	1.33	0.92	0	6	3	89	0.00	0.0	9.777	0.000	6	3	1	1
PL.41022	PL.9464	B	4ACSR	7.47Y	124.5	0.00	1.45	1.53	1	11	4	94	0.00	0.0	9.713	0.006	0	0	0	1
PD.7325	PL.41022	B	fuse6AMP	7.47Y	124.5	0.00	1.45	1.53	26	11	4	94	0.00	0.0	9.713	0.000	0	0	0	1
PL.41023	PD.7325	B	4ACSR	7.47Y	124.5	0.00	1.46	1.53	1	11	4	94	0.00	0.0	9.749	0.036	0	0	0	1
456333	PL.41023	B	Consumer	7.47Y	124.5	0.00	1.46	1.53	0	11	4	94	0.00	0.0	9.749	0.000	11	4	1	1
456336	PL.9830	A	Consumer	7.50Y	125.0	0.00	1.04	0.23	0	2	1	89	0.00	0.0	9.548	0.000	2	1	1	1
456311	PL.9830	A	Consumer	7.50Y	125.0	0.00	1.04	0.14	0	1	0	100	0.00	0.0	9.548	0.000	1	0	1	1
456348	PL.9830	A	Consumer	7.50Y	125.0	0.00	1.04	0.02	0	0	0	100	0.00	0.0	9.548	0.000	0	0	1	1
PL.41026	PL.9830	A	4ACSR	7.50Y	125.0	0.00	1.04	0.16	0	1	0	100	0.00	0.0	9.555	0.007	0	0	0	1
PD.7327	PL.41026	A	fuse6AMP	7.50Y	125.0	0.00	1.04	0.16	3	1	0	100	0.00	0.0	9.555	0.000	0	0	0	1
PL.41027	PD.7327	A	4ACSR	7.50Y	125.0	0.00	1.04	0.16	0	1	0	100	0.00	0.0	9.632	0.076	0	0	0	1
PL.28656	PL.41027	A	4ACSR	7.50Y	125.0	0.00	1.04	0.16	0	1	0	100	0.00	0.0	9.695	0.064	0	0	0	1
456361	PL.28656	A	Consumer	7.50Y	125.0	0.00	1.04	0.16	0	1	0	100	0.00	0.0	9.695	0.000	1	0	1	1
456320	PL.9826	A	Consumer	7.50Y	125.0	0.00	1.05	0.32	0	2	1	89	0.00	0.0	9.489	0.000	2	1	1	1
456366	PL.9826	A	Consumer	7.50Y	125.0	0.00	1.05	0.00	0	0	0	100	0.00	0.0	9.489	0.000	0	0	1	1
PL.41028	PL.9827	A	4ACSR	7.50Y	125.0	0.00	1.05	3.98	3	28	11	93	0.00	0.0	9.399	0.007	0	0	0	10
PD.7328	PL.41028	A	fuse8AMP	7.50Y	125.0	0.00	1.05	3.98	54	28	11	93	0.00	0.0	9.399	0.000	0	0	0	10
PL.41029	PD.7328	A	4ACSR	7.50Y	124.9	0.01	1.06	3.98	3	28	11	93	0.00	0.0	9.478	0.079	0	0	0	10
PL.21619	PL.41029	A	4ACSR	7.50Y	124.9	0.00	1.07	3.11	3	22	8	94	0.00	0.0	9.509	0.031	0	0	0	8
PL.23090	PL.21619	A	4ACSR	7.50Y	124.9	0.00	1.07	1.72	1	12	5	92	0.00	0.0	9.555	0.046	0	0	0	4
PL.23088	PL.23090	A	4ACSR	7.50Y	124.9	0.00	1.08	1.72	1	12	5	92	0.00	0.0	9.613	0.059	0	0	0	4
PL.23087	PL.23088	A	4ACSR	7.50Y	124.9	0.00	1.08	1.07	1	7	3	92	0.00	0.0	9.654	0.041	0	0	0	3
456364	PL.23087	A	Consumer	7.50Y	124.9	0.00	1.08	0.06	0	0	0	100	0.00	0.0	9.654	0.000	0	0	1	1
456317	PL.23087	A	Consumer	7.50Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	9.654	0.000	0	0	0	0
456318	PL.23087	A	Consumer	7.50Y	124.9	0.00	1.08	0.32	0	2	1	89	0.00	0.0	9.654	0.000	2	1	1	1
456321	PL.23087	A	Consumer	7.50Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	9.654	0.000	0	0	0	0
456349	PL.23087	A	Consumer	7.50Y	124.9	0.00	1.08	0.68	0	5	2	93	0.00	0.0	9.654	0.000	5	2	1	1
PL.22534	PL.23088	A	4ACSR	7.50Y	124.9	0.00	1.08	0.65	1	5	2	93	0.00	0.0	9.700	0.087	0	0	0	1
456355	PL.22534	A	Consumer	7.50Y	124.9	0.00	1.08	0.65	0	5	2	93	0.00	0.0	9.700	0.000	5	2	1	1
PL.7004	PL.22534	A	4ACSR	7.50Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	9.700	0.000	0	0	0	0
PL.22596	PL.21619	A	4ACSR	7.50Y	124.9	0.01	1.07	0.78	1	5	2	93	0.00	0.0	9.694	0.185	0	0	0	3
PL.22597	PL.22596	A	4ACSR	7.50Y	124.9	0.00	1.07	0.17	0	1	0	100	0.00	0.0	9.769	0.075	0	0	0	2
456356	PL.22597	A	Consumer	7.50Y	124.9	0.00	1.07	0.16	0	1	0	100	0.00	0.0	9.769	0.000	1	0	1	1
456306	PL.22597	A	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	9.769	0.000	0	0	1	1
456338	PL.22596	A	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	9.694	0.000	0	0	0	0
456359	PL.22596	A	Consumer	7.50Y	124.9	0.00	1.07	0.62	0	4	2	89	0.00	0.0	9.694	0.000	4	2	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.23091	PL.21619	A	4ACSR	7.50Y	124.9	0.00	1.07	0.61	1	4	2	89	0.00	0.0	9.598	0.089	0	0	0	1
456319	PL.23091	A	Consumer	7.50Y	124.9	0.00	1.07	0.61	0	4	2	89	0.00	0.0	9.598	0.000	4	2	1	1
PL.23089	PL.41029	A	4ACSR	7.50Y	124.9	0.00	1.07	0.87	1	6	2	95	0.00	0.0	9.536	0.058	0	0	0	2
456313	PL.23089	A	Consumer	7.50Y	124.9	0.00	1.07	0.57	0	4	2	89	0.00	0.0	9.536	0.000	4	2	1	1
456326	PL.23089	A	Consumer	7.50Y	124.9	0.00	1.07	0.30	0	2	1	89	0.00	0.0	9.536	0.000	2	1	1	1
456315	PL.9827	A	Consumer	7.50Y	125.0	0.00	1.05	0.83	0	6	2	95	0.00	0.0	9.391	0.000	6	2	1	1
PL.41032	PL.9825	C	4ACSR	7.49Y	124.9	0.00	1.14	1.41	1	10	4	93	0.00	0.0	9.216	0.012	0	0	0	3
PD.7330	PL.41032	C	fuse6AMP	7.49Y	124.9	0.00	1.14	1.41	24	10	4	93	0.00	0.0	9.216	0.000	0	0	0	3
PL.41033	PD.7330	C	4ACSR	7.49Y	124.9	0.00	1.14	1.41	1	10	4	93	0.00	0.0	9.229	0.013	0	0	0	3
PL.23094	PL.41033	C	4ACSR	7.49Y	124.9	0.00	1.15	1.41	1	10	4	93	0.00	0.0	9.301	0.072	0	0	0	3
PL.23092	PL.23094	C	4ACSR	7.49Y	124.8	0.00	1.15	0.77	1	5	2	93	0.00	0.0	9.390	0.089	0	0	0	2
456314	PL.23092	C	Consumer	7.49Y	124.8	0.00	1.15	0.05	0	0	0	100	0.00	0.0	9.390	0.000	0	0	1	1
456328	PL.23092	C	Consumer	7.49Y	124.8	0.00	1.15	0.72	0	5	2	93	0.00	0.0	9.390	0.000	5	2	1	1
456323	PL.23094	C	Consumer	7.49Y	124.9	0.00	1.15	0.64	0	4	2	89	0.00	0.0	9.301	0.000	4	2	1	1
PL.23093	PL.23094	C	4ACSR	7.49Y	124.9	0.00	1.15	0.00	0	0	0	100	0.00	0.0	9.338	0.037	0	0	0	0
PL.41030	PL.9825	B	4ACSR	7.47Y	124.6	0.00	1.42	0.55	0	4	1	97	0.00	0.0	9.214	0.009	0	0	0	1
PD.7329	PL.41030	B	fuse6AMP	7.47Y	124.6	0.00	1.42	0.55	9	4	1	97	0.00	0.0	9.214	0.000	0	0	0	1
PL.41031	PD.7329	B	4ACSR	7.47Y	124.6	0.00	1.42	0.55	0	4	1	97	0.00	0.0	9.332	0.119	0	0	0	1
456410	PL.41031	B	Consumer	7.47Y	124.6	0.00	1.42	0.55	0	4	1	97	0.00	0.0	9.332	0.000	4	1	1	1
456406	PL.9825	A	Consumer	7.50Y	125.0	0.00	1.01	0.86	0	6	2	95	0.00	0.0	9.205	0.000	6	2	1	1
4564020	PL.7019	A	Consumer	7.50Y	125.0	0.00	0.98	0.28	0	2	1	89	0.00	0.0	9.100	0.000	2	1	1	1
4564017	PL.7019	A	Consumer	7.50Y	125.0	0.00	0.98	0.00	0	0	0	100	0.00	0.0	9.100	0.000	0	0	1	1
456408	PL.7019	A	Consumer	7.50Y	125.0	0.00	0.98	0.99	0	7	3	92	0.00	0.0	9.100	0.000	7	3	1	1
456404	PL.9822	A	Consumer	7.50Y	125.0	0.00	0.95	0.16	0	1	0	100	0.00	0.0	8.983	0.000	1	0	1	1
PL.13599	PL.9823	B	4ACSR	7.48Y	124.6	0.00	1.41	0.33	0	2	1	89	0.00	0.0	8.963	0.024	0	0	0	2
PD.1513	PL.13599	B	fuse6AMP	7.48Y	124.6	0.00	1.41	0.33	6	2	1	89	0.00	0.0	8.963	0.000	0	0	0	2
PL.13600	PD.1513	B	4ACSR	7.48Y	124.6	0.00	1.41	0.33	0	2	1	89	0.00	0.0	9.059	0.096	0	0	0	2
456411	PL.13600	B	Consumer	7.48Y	124.6	0.00	1.41	0.33	0	2	1	89	0.00	0.0	9.059	0.000	2	1	1	1
456412	PL.13600	B	Consumer	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	9.059	0.000	0	0	1	1
456401	PL.9823	A	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	8.938	0.000	0	0	0	0
456413	PL.9823	C	Consumer	7.50Y	125.0	0.00	1.02	0.85	0	6	2	95	0.00	0.0	8.938	0.000	6	2	1	1
PL.41034	PL.7020	B	4ACSR	7.48Y	124.6	0.00	1.41	10.79	9	75	29	93	0.00	0.0	8.920	0.004	0	0	0	18
PD.7331-A	PL.41034	B	Closed	7.48Y	124.6	0.00	1.41	10.79	0	75	29	93	0.00	0.0	8.920	0.000	0	0	0	18
PD.7331-B	PD.7331-A	B	Closed	7.48Y	124.6	0.00	1.41	10.79	0	75	29	93	0.00	0.0	8.920	0.000	0	0	0	18
PL.41035	PD.7331-B	B	4ACSR	7.48Y	124.6	0.00	1.41	10.79	9	75	29	93	0.00	0.0	8.928	0.009	0	0	0	18
PD.3527	PL.41035	B	25L	7.48Y	124.6	0.00	1.41	10.79	43	75	29	93	0.00	0.0	8.928	0.000	0	0	0	18
PL.13602	PD.3527	B	4ACSR	7.47Y	124.5	0.07	1.48	10.79	9	75	29	93	0.04	0.1	9.065	0.136	0	0	0	18
PL.25481	PL.13602	B	4ACSR	7.47Y	124.5	0.01	1.49	9.91	8	69	27	93	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\SUMMER\PROPOSED SUMMER 06-10 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.7006	PL.25481	B	4ACSR	7.47Y	124.4	0.07	1.57	9.91	8	69	27	93	0.04	0.1	9.258	0.164	0	0	0	16
455307	PL.7006	B	Consumer	7.47Y	124.4	0.00	1.57	1.11	0	8	3	94	0.00	0.0	9.258	0.000	8	3	1	1
455303	PL.7006	B	Consumer	7.47Y	124.4	0.00	1.57	0.77	0	5	2	93	0.00	0.0	9.258	0.000	5	2	1	1
PL.7016	PL.7006	B	4ACSR	7.47Y	124.4	0.01	1.58	8.04	7	56	22	93	0.00	0.0	9.285	0.027	0	0	0	14
455316	PL.7016	B	Consumer	7.47Y	124.4	0.00	1.58	0.00	0	0	0	100	0.00	0.0	9.285	0.000	0	0	1	1
PL.7017	PL.7016	B	4ACSR	7.46Y	124.3	0.09	1.66	8.04	7	56	22	93	0.04	0.1	9.519	0.234	0	0	0	13
PL.25482	PL.7017	B	4ACSR	7.46Y	124.3	0.03	1.70	7.35	6	51	20	93	0.01	0.0	9.617	0.098	0	0	0	12
PL.40866	PL.25482	B	4ACSR	7.46Y	124.3	0.00	1.70	0.36	0	3	1	95	0.00	0.0	9.623	0.006	0	0	0	1
PD.7265	PL.40866	B	fuse6AMP	7.46Y	124.3	0.00	1.70	0.36	6	3	1	95	0.00	0.0	9.623	0.000	0	0	0	1
PL.40867	PD.7265	B	4ACSR	7.46Y	124.3	0.00	1.70	0.36	0	3	1	95	0.00	0.0	9.699	0.076	0	0	0	1
455312	PL.40867	B	Consumer	7.46Y	124.3	0.00	1.70	0.36	0	3	1	95	0.00	0.0	9.699	0.000	3	1	1	1
PL.9818	PL.25482	B	4ACSR	7.46Y	124.3	0.05	1.75	6.99	6	49	19	93	0.02	0.0	9.782	0.166	0	0	0	11
PL.7007	PL.9818	B	4ACSR	7.45Y	124.2	0.01	1.76	6.31	5	44	17	93	0.00	0.0	9.820	0.038	0	0	0	10
PL.9819	PL.7007	B	4ACSR	7.45Y	124.2	0.02	1.78	5.79	5	40	16	93	0.01	0.0	9.906	0.086	0	0	0	9
455308	PL.9819	B	Consumer	7.45Y	124.2	0.00	1.78	0.57	0	4	2	89	0.00	0.0	9.906	0.000	4	2	1	1
PL.40870	PL.9819	B	4ACSR	7.45Y	124.2	0.03	1.82	5.12	4	36	14	93	0.01	0.0	10.049	0.144	0	0	0	6
PD.7267-A	PL.40870	B	Closed	7.45Y	124.2	0.00	1.82	5.12	0	36	14	93	0.00	0.0	10.049	0.000	0	0	0	6
PD.7267-B	PD.7267-A	B	Closed	7.45Y	124.2	0.00	1.82	5.12	0	36	14	93	0.00	0.0	10.049	0.000	0	0	0	6
PL.40871	PD.7267-B	B	4ACSR	7.45Y	124.1	0.04	1.86	5.12	4	36	14	93	0.01	0.0	10.238	0.188	0	0	0	6
PL.44644	PL.40871	B	4ACSR	7.45Y	124.1	0.00	1.86	3.69	3	26	10	93	0.00	0.0	10.254	0.016	0	0	0	3
PD.8588	PL.44644	B	fuse6AMP	7.45Y	124.1	0.00	1.86	3.69	63	26	10	93	0.00	0.0	10.254	0.000	0	0	0	3
PL.44645	PD.8588	B	4ACSR	7.45Y	124.1	0.01	1.87	3.69	3	26	10	93	0.00	0.0	10.314	0.060	0	0	0	3
PL.1838	PL.44645	B	4ACSR	7.45Y	124.1	0.01	1.88	1.06	1	7	3	92	0.00	0.0	10.513	0.199	0	0	0	1
455319	PL.1838	B	Consumer	7.45Y	124.1	0.00	1.88	1.06	0	7	3	92	0.00	0.0	10.513	0.000	7	3	1	1
455306	PL.44645	B	Consumer	7.45Y	124.1	0.00	1.87	1.54	0	11	4	94	0.00	0.0	10.314	0.000	11	4	1	1
455310	PL.44645	B	Consumer	7.45Y	124.1	0.00	1.87	1.08	0	7	3	92	0.00	0.0	10.314	0.000	7	3	1	1
PL.9821	PL.40871	B	4ACSR	7.45Y	124.1	0.00	1.86	1.43	1	10	4	93	0.00	0.0	10.252	0.015	0	0	0	3
PL.6975	PL.9821	B	4ACSR	7.45Y	124.1	0.01	1.87	1.43	1	10	4	93	0.00	0.0	10.370	0.117	0	0	0	3
454303	PL.6975	B	Consumer	7.45Y	124.1	0.00	1.87	0.79	0	5	2	93	0.00	0.0	10.370	0.000	5	2	1	1
PL.19621	PL.6975	B	4ACSR	7.45Y	124.1	0.00	1.87	0.64	1	4	2	89	0.00	0.0	10.441	0.072	0	0	0	2
454302	PL.19621	B	Consumer	7.45Y	124.1	0.00	1.87	0.01	0	0	0	100	0.00	0.0	10.441	0.000	0	0	1	1
PL.19622	PL.19621	B	4ACSR	7.45Y	124.1	0.00	1.88	0.63	1	4	2	89	0.00	0.0	10.610	0.169	0	0	0	1
PL.13595	PL.19622	B	4ACSR	7.45Y	124.1	0.00	1.88	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	7.45Y	124.1	0.00	1.88	0.00	0	0	0	100	0.00	0.0	10.641	0.000	0	0	0	0
454301	PL.19622	B	Consumer	7.45Y	124.1	0.00	1.88	0.63	0	4	2	89	0.00	0.0	10.610	0.000	4	2	1	1
PL.2616	PL.9821	B	4ACSR	7.45Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	10.255	0.003	0	0	0	0
PL.40868	PL.9819	B	4ACSR	7.45Y	124.2	0.00	1.78	0.11	0	1	0	100	0.00	0.0	9.912	0.007	0	0	0	2
PD.7266	PL.40868	B	fuse6AMP	7.45Y	124.2	0.00	1.78	0.11	2	1	0	100	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\SUMMER\PROPOSED SUMMER 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.40869	PD.7266	B	4ACSR	7.45Y	124.2	0.00	1.78	0.11	0	1	0	100	0.00	0.0	9.986	0.074	0	0	0	2
PL.7008	PL.40869	B	4ACSR	7.45Y	124.2	0.00	1.78	0.08	0	1	0	100	0.00	0.0	9.986	0.000	0	0	0	1
PL.7009	PL.7008	B	4ACSR	7.45Y	124.2	0.00	1.78	0.08	0	1	0	100	0.00	0.0	10.052	0.066	0	0	0	1
455320	PL.7009	B	Consumer	7.45Y	124.2	0.00	1.78	0.08	0	1	0	100	0.00	0.0	10.052	0.000	1	0	1	1
455317	PL.40869	B	Consumer	7.45Y	124.2	0.00	1.78	0.03	0	0	0	100	0.00	0.0	9.986	0.000	0	0	1	1
455318	PL.7007	B	Consumer	7.45Y	124.2	0.00	1.76	0.52	0	4	1	97	0.00	0.0	9.820	0.000	4	1	1	1
455313	PL.9818	B	Consumer	7.46Y	124.3	0.00	1.75	0.68	0	5	2	93	0.00	0.0	9.782	0.000	5	2	1	1
455309	PL.7017	B	Consumer	7.46Y	124.3	0.00	1.66	0.69	0	5	2	93	0.00	0.0	9.519	0.000	5	2	1	1
PL.40864	PL.13602	B	4ACSR	7.47Y	124.5	0.00	1.48	0.88	1	6	2	95	0.00	0.0	9.074	0.009	0	0	0	2
PD.7264	PL.40864	B	fuse6AMP	7.47Y	124.5	0.00	1.48	0.88	15	6	2	95	0.00	0.0	9.074	0.000	0	0	0	2
PL.40865	PD.7264	B	4ACSR	7.47Y	124.5	0.01	1.49	0.88	1	6	2	95	0.00	0.0	9.244	0.170	0	0	0	2
455428	PL.40865	B	Consumer	7.47Y	124.5	0.00	1.49	0.09	0	1	0	100	0.00	0.0	9.244	0.000	1	0	1	1
455419	PL.40865	B	Consumer	7.47Y	124.5	0.00	1.49	0.79	0	5	2	93	0.00	0.0	9.244	0.000	5	2	1	1
455404	PL.25476	A	Consumer	7.51Y	125.1	0.00	0.85	0.16	0	1	1	71	0.00	0.0	8.685	0.000	1	1	1	1
PL.1840	PL.25477	B	4ACSR	7.48Y	124.7	0.01	1.26	2.27	2	15	7	91	0.00	0.0	8.746	0.108	0	0	0	1
455430	PL.1840	B	Consumer	7.48Y	124.7	0.00	1.26	2.27	0	15	7	91	0.00	0.0	8.746	0.000	15	7	1	1
PL.20421	PL.25477	B	4ACSR	7.48Y	124.7	0.00	1.25	3.27	3	22	10	91	0.00	0.0	8.652	0.014	0	0	0	2
PD.1512	PL.20421	B	fuse6AMP	7.48Y	124.7	0.00	1.25	3.27	56	22	10	91	0.00	0.0	8.652	0.000	0	0	0	2
PL.20422	PD.1512	B	4ACSR	7.48Y	124.6	0.14	1.39	3.27	3	22	10	91	0.02	0.1	9.586	0.934	0	0	0	2
PL.25478	PL.20422	B	4ACSR	7.47Y	124.6	0.02	1.42	2.91	2	20	9	91	0.00	0.0	9.757	0.170	0	0	0	1
456415	PL.25478	B	Consumer	7.47Y	124.6	0.00	1.42	2.91	0	20	9	91	0.00	0.0	9.757	0.000	20	9	1	1
PL.25479	PL.20422	B	4ACSR	7.48Y	124.6	0.00	1.40	0.37	0	3	1	95	0.00	0.0	9.653	0.067	0	0	0	1
PL.25480	PL.25479	B	4ACSR	7.48Y	124.6	0.00	1.40	0.37	0	3	1	95	0.00	0.0	9.687	0.034	0	0	0	1
456414	PL.25480	B	Consumer	7.48Y	124.6	0.00	1.40	0.37	0	3	1	95	0.00	0.0	9.687	0.000	3	1	1	1
455417	PL.25465	A	Consumer	7.51Y	125.2	0.00	0.80	0.35	0	2	1	89	0.00	0.0	8.534	0.000	2	1	1	1
PL.41036	PL.25465	C	4ACSR	7.51Y	125.1	0.00	0.88	6.26	5	44	17	93	0.00	0.0	8.541	0.006	0	0	0	9
C PD.7332	PL.41036	C	fuse6AMP	7.51Y	125.1	0.00	0.88	6.26	107	44	17	93	0.00	0.0	8.541	0.000	0	0	0	9 C
PL.41037	PD.7332	C	4ACSR	7.51Y	125.1	0.02	0.91	6.26	5	44	17	93	0.01	0.0	8.618	0.077	0	0	0	9
PL.7021	PL.41037	C	4ACSR	7.51Y	125.1	0.01	0.91	3.17	3	22	9	93	0.00	0.0	8.668	0.050	0	0	0	4
455456	PL.7021	C	Consumer	7.51Y	125.1	0.00	0.91	0.66	0	5	2	93	0.00	0.0	8.668	0.000	5	2	1	1
455436	PL.7021	C	Consumer	7.51Y	125.1	0.00	0.91	0.75	0	5	2	93	0.00	0.0	8.668	0.000	5	2	1	1
455445	PL.7021	C	Consumer	7.51Y	125.1	0.00	0.91	1.16	0	8	3	94	0.00	0.0	8.668	0.000	8	3	1	1
PL.7022	PL.7021	C	4ACSR	7.51Y	125.1	0.00	0.92	0.60	1	4	2	89	0.00	0.0	8.701	0.033	0	0	0	1
455452	PL.7022	C	Consumer	7.51Y	125.1	0.00	0.92	0.60	0	4	2	89	0.00	0.0	8.701	0.000	4	2	1	1
455448	PL.7022	C	Consumer	7.51Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	8.701	0.000	0	0	0	0
PL.19464	PL.41037	C	4ACSR	7.51Y	125.1	0.00	0.91	3.10	3	22	9	93	0.00	0.0	8.636	0.018	0	0	0	5
455425	PL.19464	C	Consumer	7.51Y	125.1	0.00	0.91	1.42	0	10	4	93	0.00	0.0	8.636	0.000	10	4	1	1
455432	PL.19464	C	Consumer	7.51Y	125.1	0.00	0.91	0.08	0	1	0	100	0.00	0.0	8.636	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.19465	PL.19464	C	4ACSR	7.51Y	125.1	0.01	0.91	1.60	1	11	4	94	0.00	0.0	8.705	0.070	0	0	0	3
PL.2648	PL.19465	C	4ACSR	7.50Y	125.1	0.00	0.92	0.92	1	6	3	89	0.00	0.0	8.755	0.050	0	0	0	1
455463	PL.2648	C	Consumer	7.50Y	125.1	0.00	0.92	0.92	0	6	3	89	0.00	0.0	8.755	0.000	6	3	1	1
455431	PL.19465	C	Consumer	7.51Y	125.1	0.00	0.91	0.66	0	5	2	93	0.00	0.0	8.705	0.000	5	2	1	1
455454	PL.19465	C	Consumer	7.51Y	125.1	0.00	0.91	0.01	0	0	0	100	0.00	0.0	8.705	0.000	0	0	1	1
PL.40846	PL.20419	A	4ACSR	7.51Y	125.2	0.00	0.78	5.75	5	40	16	93	0.00	0.0	8.470	0.005	0	0	0	11
PL.40847	PL.40846	A	4ACSR	7.51Y	125.2	0.00	0.78	5.75	5	40	16	93	0.00	0.0	8.472	0.003	0	0	0	11
455403	PL.40847	A	Consumer	7.51Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	8.472	0.000	0	0	0	0
PL.25464	PL.40847	A	4ACSR	7.51Y	125.2	0.01	0.79	5.75	5	40	16	93	0.00	0.0	8.527	0.054	0	0	0	11
PL.15559	PL.25464	A	4ACSR	7.51Y	125.2	0.01	0.80	4.92	4	34	13	93	0.00	0.0	8.562	0.035	0	0	0	10
PL.15560	PL.15559	A	4ACSR	7.51Y	125.2	0.00	0.80	4.92	4	34	13	93	0.00	0.0	8.568	0.006	0	0	0	10
455409	PL.15560	A	Consumer	7.51Y	125.2	0.00	0.80	0.50	0	4	1	97	0.00	0.0	8.568	0.000	4	1	1	1
PL.25467	PL.15560	A	4ACSR	7.51Y	125.2	0.02	0.83	3.95	3	28	11	93	0.01	0.0	8.704	0.136	0	0	0	8
PL.25468	PL.25467	A	4ACSR	7.51Y	125.2	0.01	0.84	2.70	2	19	7	94	0.00	0.0	8.791	0.087	0	0	0	7
PL.25469	PL.25468	A	4ACSR	7.51Y	125.1	0.02	0.86	1.93	2	14	5	94	0.00	0.0	9.062	0.271	0	0	0	5
PL.41038	PL.25469	A	4ACSR	7.51Y	125.1	0.00	0.86	1.24	1	9	3	95	0.00	0.0	9.070	0.009	0	0	0	3
PD.7333-A	PL.41038	A	Closed	7.51Y	125.1	0.00	0.86	1.24	0	9	3	95	0.00	0.0	9.070	0.000	0	0	0	3
PD.7333-B	PD.7333-A	A	Closed	7.51Y	125.1	0.00	0.86	1.24	0	9	3	95	0.00	0.0	9.070	0.000	0	0	0	3
PL.41039	PD.7333-B	A	4ACSR	7.51Y	125.1	0.00	0.87	1.24	1	9	3	95	0.00	0.0	9.102	0.032	0	0	0	3
PL.25471	PL.41039	A	4ACSR	7.51Y	125.1	0.00	0.87	1.24	1	9	3	95	0.00	0.0	9.160	0.058	0	0	0	3
PL.127	PL.25471	A	4ACSR	7.51Y	125.1	0.00	0.87	1.24	1	9	3	95	0.00	0.0	9.171	0.011	0	0	0	3
PL.25474	PL.127	A	4ACSR	7.51Y	125.1	0.01	0.88	1.24	1	9	3	95	0.00	0.0	9.358	0.187	0	0	0	3
PL.25475	PL.25474	A	4ACSR	7.51Y	125.1	0.00	0.88	0.63	1	4	2	89	0.00	0.0	9.393	0.035	0	0	0	2
PL.2622	PL.25475	A	4ACSR	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	9.508	0.115	0	0	0	0
PL.2621	PL.2622	A	4ACSR	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	9.592	0.084	0	0	0	0
PL.25473	PL.25475	A	4ACSR	7.51Y	125.1	0.01	0.89	0.63	1	4	2	89	0.00	0.0	9.695	0.302	0	0	0	2
PL.25472	PL.25473	A	4ACSR	7.51Y	125.1	0.00	0.89	0.63	1	4	2	89	0.00	0.0	9.810	0.115	0	0	0	1
454407	PL.25472	A	Consumer	7.51Y	125.1	0.00	0.89	0.63	0	4	2	89	0.00	0.0	9.810	0.000	4	2	1	1
454411	PL.25473	A	Consumer	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	9.695	0.000	0	0	1	1
PL.40852	PL.25474	A	4ACSR	7.51Y	125.1	0.00	0.88	0.61	1	4	2	89	0.00	0.0	9.366	0.008	0	0	0	1
PD.7581	PL.40852	A	fuse6AMP	7.51Y	125.1	0.00	0.88	0.61	10	4	2	89	0.00	0.0	9.366	0.000	0	0	0	1
PL.40853	PD.7581	A	4ACSR	7.51Y	125.1	0.00	0.88	0.61	1	4	2	89	0.00	0.0	9.510	0.144	0	0	0	1
454430	PL.40853	A	Consumer	7.51Y	125.1	0.00	0.88	0.61	0	4	2	89	0.00	0.0	9.510	0.000	4	2	1	1
PL.2650	PL.25469	A	4ACSR	7.51Y	125.1	0.00	0.86	0.41	0	3	1	95	0.00	0.0	9.132	0.071	0	0	0	1
455466	PL.2650	A	Consumer	7.51Y	125.1	0.00	0.86	0.41	0	3	1	95	0.00	0.0	9.132	0.000	3	1	1	1
455401	PL.25469	A	Consumer	7.51Y	125.1	0.00	0.86	0.28	0	2	1	89	0.00	0.0	9.062	0.000	2	1	1	1
PL.40850	PL.25468	A	4ACSR	7.51Y	125.2	0.00	0.84	0.77	1	5	2	93	0.00	0.0	8.797	0.006	0	0	0	2
PD.7580	PL.40850	A	fuse6AMP	7.51Y	125.2	0.00	0.84	0.77	13	5	2	93	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\SUMMER\PROPOSED SUMMER 06-10 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	7.51Y	125.2	0.00	0.84	0.77	1	5	2	93	0.00	0.0	8.856	0.059	0	0	0	2
PL.2651	PL.40851	A	4ACSR	7.51Y	125.2	0.00	0.84	0.74	1	5	2	93	0.00	0.0	8.891	0.035	0	0	0	1
455467	PL.2651	A	Consumer	7.51Y	125.2	0.00	0.84	0.74	0	5	2	93	0.00	0.0	8.891	0.000	5	2	1	1
455457	PL.40851	A	Consumer	7.51Y	125.2	0.00	0.84	0.03	0	0	0	100	0.00	0.0	8.856	0.000	0	0	1	1
455416	PL.25467	A	Consumer	7.51Y	125.2	0.00	0.83	1.25	0	9	3	95	0.00	0.0	8.704	0.000	9	3	1	1
PL.40848	PL.15560	A	4ACSR	7.51Y	125.2	0.00	0.80	0.47	0	3	1	95	0.00	0.0	8.574	0.006	0	0	0	1
PD.1511	PL.40848	A	fuse6AMP	7.51Y	125.2	0.00	0.80	0.47	8	3	1	95	0.00	0.0	8.574	0.000	0	0	0	1
PL.40849	PD.1511	A	4ACSR	7.51Y	125.2	0.00	0.81	0.47	0	3	1	95	0.00	0.0	8.763	0.188	0	0	0	1
PL.23522	PL.40849	A	4ACSR	7.51Y	125.2	0.00	0.81	0.47	0	3	1	95	0.00	0.0	8.891	0.129	0	0	0	1
455413	PL.23522	A	Consumer	7.51Y	125.2	0.00	0.81	0.47	0	3	1	95	0.00	0.0	8.891	0.000	3	1	1	1
455422	PL.40849	A	Consumer	7.51Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	8.763	0.000	0	0	0	0
PL.23521	PL.25464	A	4ACSR	7.51Y	125.2	0.00	0.80	0.82	1	6	2	95	0.00	0.0	8.577	0.050	0	0	0	1
455415	PL.23521	A	Consumer	7.51Y	125.2	0.00	0.80	0.82	0	6	2	95	0.00	0.0	8.577	0.000	6	2	1	1
PL.40844	PL.20419	A	4ACSR	7.51Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	8.467	0.003	0	0	0	0
PD.7578	PL.40844	A	fuse6AMP	7.51Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	8.467	0.000	0	0	0	0
455459	PL.40886	B	Consumer	7.50Y	125.0	0.00	1.04	0.16	0	1	0	100	0.00	0.0	8.378	0.000	1	0	1	1
455461	PL.40886	B	Consumer	7.50Y	125.0	0.00	1.04	0.51	0	4	1	97	0.00	0.0	8.378	0.000	4	1	1	1
455405	PL.40886	B	Consumer	7.50Y	125.0	0.00	1.04	0.17	0	1	0	100	0.00	0.0	8.378	0.000	1	0	1	1
455423	PL.40886	B	Consumer	7.50Y	125.0	0.00	1.04	0.83	0	6	2	95	0.00	0.0	8.378	0.000	6	2	1	1
PL.40827	PL.25405	C	4ACSR	7.51Y	125.2	0.00	0.75	0.62	1	4	2	89	0.00	0.0	8.320	0.005	0	0	0	1
PD.7572	PL.40827	C	fuse6AMP	7.51Y	125.2	0.00	0.75	0.62	11	4	2	89	0.00	0.0	8.320	0.000	0	0	0	1
PL.40828	PD.7572	C	4ACSR	7.51Y	125.2	0.00	0.76	0.62	1	4	2	89	0.00	0.0	8.428	0.108	0	0	0	1
455418	PL.40828	C	Consumer	7.51Y	125.2	0.00	0.76	0.62	0	4	2	89	0.00	0.0	8.428	0.000	4	2	1	1
PL.40829	PL.25401	B	4ACSR	7.51Y	125.1	0.00	0.90	0.56	0	4	2	89	0.00	0.0	8.220	0.006	0	0	0	2
PD.7573	PL.40829	B	fuse6AMP	7.51Y	125.1	0.00	0.90	0.56	10	4	2	89	0.00	0.0	8.220	0.000	0	0	0	2
PL.40830	PD.7573	B	4ACSR	7.51Y	125.1	0.00	0.91	0.56	0	4	2	89	0.00	0.0	8.323	0.103	0	0	0	2
PL.2649	PL.40830	B	4ACSR	7.51Y	125.1	0.00	0.91	0.45	0	3	1	95	0.00	0.0	8.374	0.051	0	0	0	1
455465	PL.2649	B	Consumer	7.51Y	125.1	0.00	0.91	0.45	0	3	1	95	0.00	0.0	8.374	0.000	3	1	1	1
PL.25403	PL.40830	B	4ACSR	7.51Y	125.1	0.00	0.91	0.12	0	1	0	100	0.00	0.0	8.362	0.040	0	0	0	1
455455	PL.25403	B	Consumer	7.51Y	125.1	0.00	0.91	0.12	0	1	0	100	0.00	0.0	8.362	0.000	1	0	1	1
PL.40831	PL.25400	A	4ACSR	7.53Y	125.5	0.00	0.48	2.12	2	15	6	93	0.00	0.0	7.927	0.002	0	0	0	3
PD.7574	PL.40831	A	fuse6AMP	7.53Y	125.5	0.00	0.48	2.12	36	15	6	93	0.00	0.0	7.927	0.000	0	0	0	3
PL.40834	PD.7574	A	4ACSR	7.53Y	125.5	0.00	0.48	2.12	2	15	6	93	0.00	0.0	7.931	0.004	0	0	0	3
PL.40833	PL.40834	A	4ACSR	7.53Y	125.5	0.01	0.48	1.38	1	10	4	93	0.00	0.0	8.013	0.082	0	0	0	2
PL.2842	PL.40833	A	4ACSR	7.53Y	125.5	0.00	0.48	1.38	1	10	4	93	0.00	0.0	8.055	0.042	0	0	0	2
PL.2841	PL.2842	A	4ACSR	7.53Y	125.5	0.00	0.49	1.38	1	10	4	93	0.00	0.0	8.105	0.050	0	0	0	2
455410	PL.2841	A	Consumer	7.53Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	8.105	0.000	0	0	0	0
455435	PL.2841	A	Consumer	7.53Y	125.5	0.00	0.49	0.86	0	6	2	95	0.00	0.0	8.105	0.000	6	2	1	1

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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							
455437	PL.2841	A	Consumer	7.53Y	125.5	0.00	0.49	0.52	0	4	1	97	0.00	0.0	8.105	0.000	4	1	1	1
PL.40835	PL.40834	A	4ACSR	7.53Y	125.5	0.00	0.48	0.74	1	5	2	93	0.00	0.0	8.019	0.088	0	0	0	1
PL.2840	PL.40835	A	4ACSR	7.53Y	125.5	0.01	0.49	0.74	1	5	2	93	0.00	0.0	8.218	0.199	0	0	0	1
455421	PL.2840	A	Consumer	7.53Y	125.5	0.00	0.49	0.74	0	5	2	93	0.00	0.0	8.218	0.000	5	2	1	1
455407	PL.25399	B	Consumer	7.53Y	125.5	0.00	0.54	0.32	0	2	1	89	0.00	0.0	7.790	0.000	2	1	1	1
PL.18514	PL.25399	B	4ACSR	7.53Y	125.5	0.00	0.54	0.11	0	1	0	100	0.00	0.0	7.800	0.010	0	0	0	1
PD.1066	PL.18514	B	fuse6AMP	7.53Y	125.5	0.00	0.54	0.11	2	1	0	100	0.00	0.0	7.800	0.000	0	0	0	1
PL.18515	PD.1066	B	4ACSR	7.53Y	125.5	0.00	0.54	0.11	0	1	0	100	0.00	0.0	7.920	0.120	0	0	0	1
455426	PL.18515	B	Consumer	7.53Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	7.920	0.000	0	0	0	0
455462	PL.18515	B	Consumer	7.53Y	125.5	0.00	0.54	0.11	0	1	0	100	0.00	0.0	7.920	0.000	1	0	1	1
PL.15557	PL.25399	C	4ACSR	7.53Y	125.6	0.00	0.43	0.00	0	0	0	100	0.00	0.0	7.796	0.005	0	0	0	1
PD.1509	PL.15557	C	fuse6AMP	7.53Y	125.6	0.00	0.43	0.00	0	0	0	100	0.00	0.0	7.796	0.000	0	0	0	1
PL.15558	PD.1509	C	4ACSR	7.53Y	125.6	0.00	0.43	0.00	0	0	0	100	0.00	0.0	7.867	0.071	0	0	0	1
PL.2845	PL.15558	C	4ACSR	7.53Y	125.6	0.00	0.43	0.00	0	0	0	100	0.00	0.0	7.930	0.063	0	0	0	1
455406	PL.2845	C	Consumer	7.53Y	125.6	0.00	0.43	0.00	0	0	0	100	0.00	0.0	7.930	0.000	0	0	1	1
PL.40836	PL.25398	B	4ACSR	7.53Y	125.6	0.00	0.44	1.26	1	9	3	95	0.00	0.0	7.680	0.005	0	0	0	2
PD.7575	PL.40836	B	fuse6AMP	7.53Y	125.6	0.00	0.44	1.26	22	9	3	95	0.00	0.0	7.680	0.000	0	0	0	2
PL.40837	PD.7575	B	4ACSR	7.53Y	125.6	0.01	0.45	1.26	1	9	3	95	0.00	0.0	7.774	0.094	0	0	0	2
455438	PL.40837	B	Consumer	7.53Y	125.6	0.00	0.45	0.60	0	4	2	89	0.00	0.0	7.774	0.000	4	2	1	1
455468	PL.40837	B	Consumer	7.53Y	125.6	0.00	0.45	0.66	0	5	2	93	0.00	0.0	7.774	0.000	5	2	1	1
455414	PL.25398	B	Consumer	7.53Y	125.6	0.00	0.44	0.12	0	1	0	100	0.00	0.0	7.675	0.000	1	0	1	1
455441	PL.25398	B	Consumer	7.53Y	125.6	0.00	0.44	0.32	0	2	1	89	0.00	0.0	7.675	0.000	2	1	1	1
PL.40838	PL.18715	C	4ACSR	7.54Y	125.7	0.00	0.32	3.62	3	25	10	93	0.00	0.0	7.616	0.004	0	0	0	7
PD.7576	PL.40838	C	fuse6AMP	7.54Y	125.7	0.00	0.32	3.62	62	25	10	93	0.00	0.0	7.616	0.000	0	0	0	7
PL.40839	PD.7576	C	4ACSR	7.54Y	125.7	0.00	0.33	3.62	3	25	10	93	0.00	0.0	7.637	0.020	0	0	0	7
455446	PL.40839	C	Consumer	7.54Y	125.7	0.00	0.33	0.03	0	0	0	100	0.00	0.0	7.637	0.000	0	0	1	1
PL.19185	PL.40839	C	4ACSR	7.54Y	125.7	0.00	0.33	3.59	3	25	10	93	0.00	0.0	7.657	0.021	0	0	0	6
455443	PL.19185	C	Consumer	7.54Y	125.7	0.00	0.33	0.02	0	0	0	100	0.00	0.0	7.657	0.000	0	0	1	1
PL.7023	PL.19185	C	4ACSR	7.54Y	125.7	0.01	0.34	3.57	3	25	10	93	0.00	0.0	7.693	0.036	0	0	0	5
455450	PL.7023	C	Consumer	7.54Y	125.7	0.00	0.34	0.73	0	5	2	93	0.00	0.0	7.693	0.000	5	2	1	1
455444	PL.7023	C	Consumer	7.54Y	125.7	0.00	0.34	0.78	0	5	2	93	0.00	0.0	7.693	0.000	5	2	1	1
4554071	PL.7023	C	Consumer	7.54Y	125.7	0.00	0.34	0.00	0	0	0	100	0.00	0.0	7.693	0.000	0	0	0	0
455442	PL.7023	C	Consumer	7.54Y	125.7	0.00	0.34	0.57	0	4	2	89	0.00	0.0	7.693	0.000	4	2	1	1
455451	PL.7023	C	Consumer	7.54Y	125.7	0.00	0.34	0.81	0	6	2	95	0.00	0.0	7.693	0.000	6	2	1	1
455464	PL.7023	C	Consumer	7.54Y	125.7	0.00	0.34	0.68	0	5	2	93	0.00	0.0	7.693	0.000	5	2	1	1
455439	PL.27862	C	Consumer	7.54Y	125.7	0.00	0.31	0.36	0	3	1	95	0.00	0.0	7.599	0.000	3	1	1	1
455434	PL.27862	C	Consumer	7.54Y	125.7	0.00	0.31	0.14	0	1	0	100	0.00	0.0	7.599	0.000	1	0	1	1
PL.40840	PL.25397	A	4ACSR	7.55Y	125.8	0.00	0.25	0.69	1	5	2	93	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\SUMMER\PROPOSED SUMMER 06-10 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	7.55Y	125.8	0.00	0.25	0.69	12	5	2	93	0.00	0.0	7.578	0.000	0	0	0	1
PL.40841	PD.7577	A	4ACSR	7.55Y	125.8	0.00	0.25	0.69	1	5	2	93	0.00	0.0	7.665	0.087	0	0	0	1
PL.23523	PL.40841	A	4ACSR	7.54Y	125.7	0.00	0.25	0.69	1	5	2	93	0.00	0.0	7.733	0.068	0	0	0	1
PL.23524	PL.23523	A	4ACSR	7.54Y	125.7	0.00	0.25	0.69	1	5	2	93	0.00	0.0	7.753	0.020	0	0	0	1
455411	PL.23524	A	Consumer	7.54Y	125.7	0.00	0.25	0.69	0	5	2	93	0.00	0.0	7.753	0.000	5	2	1	1
4554070	455411	A	Consumer	7.54Y	125.7	0.00	0.25	0.00	0	0	0	100	0.00	0.0	7.753	0.000	0	0	0	0
455440	PL.25397	C	Consumer	7.54Y	125.7	0.00	0.29	0.15	0	1	0	100	0.00	0.0	7.575	0.000	1	0	1	1
455449	PL.25396	A	Consumer	7.55Y	125.8	0.00	0.20	0.02	0	0	0	100	0.00	0.0	7.497	0.000	0	0	1	1
455447	PL.25396	A	Consumer	7.55Y	125.8	0.00	0.20	0.13	0	1	0	100	0.00	0.0	7.497	0.000	1	0	1	1
454405	PL.25505	A	Consumer	7.55Y	125.9	0.00	0.11	0.32	0	2	1	89	0.00	0.0	7.360	0.000	2	1	1	1
PL.2623	PL.20599	A	4ACSR	7.36Y	122.7	0.00	3.29	0.88	1	6	3	89	0.00	0.0	7.263	0.059	0	0	0	1
		B		7.29Y	121.5	-0.00	4.50	0.00	0	0	0	100			0		0	0	0	0
		C		7.25Y	120.9	0.00	5.09	0.00	0	0	0	100			0		0	0	0	0
454503	PL.2623	A	Consumer	7.36Y	122.7	0.00	3.29	0.88	0	6	3	89	0.00	0.0	7.263	0.000	6	3	1	1
454510	PL.20600	B	Consumer	7.30Y	121.6	0.00	4.40	0.20	0	1	1	71	0.00	0.0	7.100	0.000	1	1	1	1
PL.17794	PL.25504	C	4ACSR	7.27Y	121.1	0.00	4.89	5.87	5	39	18	91	0.00	0.0	6.967	0.009	0	0	0	3
C PD.1048	PL.17794	C	fuse6AMP	7.27Y	121.1	0.00	4.89	5.87	100	39	18	91	0.00	0.0	6.967	0.000	0	0	0	3 C
PL.17795	PD.1048	C	4ACSR	7.27Y	121.1	0.01	4.90	5.87	5	39	18	91	0.00	0.0	7.017	0.051	0	0	0	3
PL.6976	PL.17795	C	4ACSR	7.27Y	121.1	0.00	4.90	0.00	0	0	0	100	0.00	0.0	7.018	0.000	0	0	0	0
454509	PL.17795	C	Consumer	7.27Y	121.1	0.00	4.90	0.18	0	1	0	100	0.00	0.0	7.017	0.000	1	0	1	1
454507	PL.17795	C	Consumer	7.27Y	121.1	0.00	4.90	4.92	0	32	16	89	0.00	0.0	7.017	0.000	32	16	1	1
454508	PL.17795	C	Consumer	7.27Y	121.1	0.00	4.90	0.77	0	5	2	93	0.00	0.0	7.017	0.000	5	2	1	1
PL.23076	PL.18729	B	4ACSR	7.31Y	121.8	0.00	4.16	0.00	0	0	0	100	0.00	0.0	6.968	0.120	0	0	0	0
454502	PL.18729	A	Consumer	7.38Y	123.0	0.00	3.04	0.28	0	2	1	89	0.00	0.0	6.848	0.000	2	1	1	1
PL.40821	PL.18729	A	4ACSR	7.38Y	123.0	0.00	3.04	0.29	0	2	1	89	0.00	0.0	6.856	0.008	0	0	0	1
PD.7569	PL.40821	A	fuse6AMP	7.38Y	123.0	0.00	3.04	0.29	5	2	1	89	0.00	0.0	6.856	0.000	0	0	0	1
PL.40822	PD.7569	A	4ACSR	7.38Y	123.0	0.00	3.04	0.29	0	2	1	89	0.00	0.0	6.930	0.074	0	0	0	1
PL.22450	PL.40822	A	4ACSR	7.38Y	123.0	0.00	3.04	0.00	0	0	0	100	0.00	0.0	7.192	0.262	0	0	0	0
454412	PL.22450	A	Consumer	7.38Y	123.0	0.00	3.04	0.00	0	0	0	100	0.00	0.0	7.192	0.000	0	0	0	0
454428	PL.40822	A	Consumer	7.38Y	123.0	0.00	3.04	0.29	0	2	1	89	0.00	0.0	6.930	0.000	2	1	1	1
454408	PL.9234	A	Consumer	7.38Y	123.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	6.735	0.000	0	0	1	1
454409	PL.9234	B	Consumer	7.32Y	122.0	0.00	4.05	1.15	0	8	3	94	0.00	0.0	6.735	0.000	8	3	1	1
PL.40823	PL.9235	A	4ACSR	7.39Y	123.1	0.00	2.86	0.00	0	0	0	100	0.00	0.0	6.602	0.004	0	0	0	1
PD.7570	PL.40823	A	fuse6AMP	7.39Y	123.1	0.00	2.86	0.00	0	0	0	100	0.00	0.0	6.602	0.000	0	0	0	1
PL.40824	PD.7570	A	4ACSR	7.39Y	123.1	0.00	2.86	0.00	0	0	0	100	0.00	0.0	6.714	0.113	0	0	0	1
454406	PL.40824	A	Consumer	7.39Y	123.1	0.00	2.86	0.00	0	0	0	100	0.00	0.0	6.714	0.000	0	0	1	1
454425	PL.9233	A	Consumer	7.39Y	123.2	0.00	2.81	0.09	0	1	0	100	0.00	0.0	6.519	0.000	1	0	1	1
PL.40825	PL.19297	A	4ACSR	7.40Y	123.3	0.00	2.74	1.22	1	8	3	94	0.00	0.0	6.419	0.004	0	0	0	4
PD.7571	PL.40825	A	fuse6AMP	7.40Y	123.3	0.00	2.74	1.22	21	8	3	94	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\SUMMER\PROPOSED SUMMER 06-10 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	7.40Y	123.3	0.01	2.74	1.22	1	8	3	94	0.00	0.0	6.562	0.142	0	0	0	4
PL.23078	PL.40826	A	4ACSR	7.40Y	123.3	0.00	2.74	0.30	0	2	1	89	0.00	0.0	6.597	0.035	0	0	0	1
454424	PL.23078	A	Consumer	7.40Y	123.3	0.00	2.74	0.30	0	2	1	89	0.00	0.0	6.597	0.000	2	1	1	1
454427	PL.40826	A	Consumer	7.40Y	123.3	0.00	2.74	0.14	0	1	0	100	0.00	0.0	6.562	0.000	1	0	1	1
PL.35664	PL.40826	A	4ACSR	7.40Y	123.3	0.00	2.74	0.78	1	5	2	93	0.00	0.0	6.602	0.041	0	0	0	2
PL.35666	PL.35664	A	4ACSR	7.40Y	123.3	0.00	2.75	0.78	1	5	2	93	0.00	0.0	6.659	0.057	0	0	0	2
4544031	PL.35666	A	Consumer	7.40Y	123.3	0.00	2.75	0.36	0	2	1	89	0.00	0.0	6.659	0.000	2	1	1	1
PL.35667	PL.35666	A	4ACSR	7.40Y	123.3	0.00	2.75	0.42	0	3	1	95	0.00	0.0	6.674	0.014	0	0	0	1
454429	PL.35667	A	Consumer	7.40Y	123.3	0.00	2.75	0.42	0	3	1	95	0.00	0.0	6.674	0.000	3	1	1	1
453401	PL.19298	A	Consumer	7.41Y	123.4	0.00	2.58	0.71	0	5	2	93	0.00	0.0	6.206	0.000	5	2	1	1
4534002	PL.19298	A	Consumer	7.41Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	6.206	0.000	0	0	0	0
452501	PL.6542	A	Consumer	7.45Y	124.2	0.00	1.79	0.23	0	2	0	100	0.00	0.0	5.056	0.000	2	0	1	1
PL.120	PL.9221	A	1/0ACSR	7.53Y	125.5	0.00	0.51	0.25	0	2	1	89	0.00	0.0	1.572	0.087	0	0	0	1
		B		7.52Y	125.3	-0.00	0.66	0.00	0	0	0	100			0	0	0	0	0	0
		C		7.50Y	125.0	0.00	0.97	0.00	0	0	0	100			0	0	0	0	0	0
PL.9216	PL.120	A	1/0ACSR	7.53Y	125.5	0.00	0.51	0.25	0	2	1	89	0.00	0.0	1.590	0.019	0	0	0	1
		B		7.52Y	125.3	-0.00	0.66	0.00	0	0	0	100			0	0	0	0	0	0
		C		7.50Y	125.0	0.00	0.97	0.00	0	0	0	100			0	0	0	0	0	0
PD.7257	PL.9216	A	fuse6AMP	7.53Y	125.5	0.00	0.51	0.25	4	2	1	89	0.00	0.0	1.590	0.000	0	0	0	1
		B		7.52Y	125.3	0.00	0.66	0.00	0	0	0	100			0	0	0	0	0	0
		C		7.50Y	125.0	0.00	0.97	0.00	0	0	0	100			0	0	0	0	0	0
PL.9219	PD.7257	A	1/0ACSR	7.53Y	125.5	0.00	0.51	0.25	0	2	1	89	0.00	0.0	1.773	0.182	0	0	0	1
		B		7.52Y	125.3	-0.00	0.66	0.00	0	0	0	100			0	0	0	0	0	0
		C		7.50Y	125.0	0.00	0.97	0.00	0	0	0	100			0	0	0	0	0	0
PL.15551	PL.9219	A	4ACSR	7.53Y	125.5	0.00	0.51	0.25	0	2	1	89	0.00	0.0	1.773	0.001	0	0	0	1
PL.15552	PL.15551	A	4ACSR	7.53Y	125.5	0.00	0.51	0.25	0	2	1	89	0.00	0.0	1.780	0.007	0	0	0	1
PD.1040	PL.15552	A	fuse6AMP	7.53Y	125.5	0.00	0.51	0.25	4	2	1	89	0.00	0.0	1.780	0.000	0	0	0	1
PL.15553	PD.1040	A	4ACSR	7.53Y	125.5	0.00	0.51	0.25	0	2	1	89	0.00	0.0	1.878	0.098	0	0	0	1
PL.2798	PL.15553	A	4ACSR	7.53Y	125.5	0.00	0.52	0.25	0	2	1	89	0.00	0.0	1.987	0.109	0	0	0	1
451824	PL.2798	A	Consumer	7.53Y	125.5	0.00	0.52	0.25	0	2	1	89	0.00	0.0	1.987	0.000	2	1	1	1
PL.2799	PL.15553	A	4ACSR	7.53Y	125.5	0.00	0.51	0.00	0	0	0	100	0.00	0.0	2.016	0.138	0	0	0	0
PL.29287	PL.9220	A	4ACSR	7.53Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	1.410	0.049	0	0	0	0
450803	PL.20406	C	Consumer	7.52Y	125.4	0.00	0.61	0.67	0	5	1	98	0.00	0.0	1.006	0.000	5	1	1	1
PL.15546	PL.9159	A	336ACSR	7.54Y	125.7	0.00	0.31	5.00	1	37	5	99	0.00	0.0	0.746	0.003	0	0	0	14
		B		7.54Y	125.7	0.00	0.27	4.02	1	29	8	96			0	0	0	0	6	6
		C		7.54Y	125.6	0.00	0.41	1.69	0	13	0	100			0	0	0	0	1	1
PL.15547	PL.15546	A	336ACSR	7.54Y	125.7	0.00	0.31	5.00	1	37	5	99	0.00	0.0	0.810	0.064	0	0	0	14
		B		7.54Y	125.7	0.00	0.27	4.02	1	29	8	96			0	0	0	0	6	6
		C		7.54Y	125.6	0.00	0.41	1.69	0	13	0	100			0	0	0	0	1	1
PL.15544	PL.15547	A	336ACSR	7.54Y	125.7	0.00	0.31	4.67	1	35	5	99	0.00	0.0	0.813	0.003	0	0	0	11
		B		7.54Y	125.7	0.00	0.27	4.02	1	29	8	96			0	0	0	0	6	6
		C		7.54Y	125.6	0.00	0.41	1.69	0	13	0	100			0	0	0	0	1	1
PL.40672	PL.15544	A	336ACSR	7.54Y	125.7	0.00	0.31	4.67	1	35	5	99	0.00	0.0	0.847	0.034	0	0	0	11
		B		7.54Y	125.7	0.00	0.27	4.02	1	29	8	96			0	0	0	0	6	6
		C		7.54Y	125.6	0.00	0.41	1.69	0	13	0	100			0	0	0	0	1	1

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 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\SUMMER\PROPOSED SUMMER 06-10 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.9227	PL.9226	A	1/0EPRJCN	7.54Y	125.7	0.00	0.33	1.09	1	8	3	94	0.00	0.0	1.612	0.112	0	0	0	0
		B		7.54Y	125.7	0.00	0.28	1.09	1	8	3	92					0	0	0	0
		C		7.53Y	125.6	0.00	0.42	1.09	1	8	3	92					0	0	0	0
450825	PL.9227	A	Consumer	7.54Y	125.7	0.00	0.33	1.12	0	8	4	89	0.00	0.0	1.612	0.000	8	4	0	0
		B		7.54Y	125.7	0.00	0.28	1.12	0	8	4	90					8	4	0	0
		C		7.53Y	125.6	0.00	0.42	1.12	0	8	4	90					8	4	0	0
PL.29298	PL.9226	A	1/0EPRJCN	7.54Y	125.7	0.00	0.32	0.10	0	1	0	100	0.00	0.0	1.537	0.037	0	0	0	0
		B		7.54Y	125.7	0.00	0.28	0.10	0	1	0	-95					0	0	0	0
		C		7.53Y	125.6	0.00	0.42	0.10	0	1	0	-95					0	0	0	0
PL.29299	PL.29298	A	1/0EPRJCN	7.54Y	125.7	0.00	0.32	0.10	0	1	0	100	0.00	0.0	1.594	0.057	0	0	0	0
		B		7.54Y	125.7	0.00	0.28	0.10	0	1	0	-100					0	0	0	0
		C		7.53Y	125.6	0.00	0.42	0.10	0	1	0	-100					0	0	0	0
PL.29300	PL.29299	A	1/0EPRJCN	7.54Y	125.7	0.00	0.32	0.10	0	1	0	100	0.00	0.0	1.626	0.033	0	0	0	0
		B		7.54Y	125.7	0.00	0.28	0.10	0	1	0	96					0	0	0	0
		C		7.53Y	125.6	0.00	0.42	0.10	0	1	0	96					0	0	0	0
450827	PL.29300	A	Consumer	7.54Y	125.7	0.00	0.32	0.11	0	1	0	100	0.00	0.0	1.626	0.000	1	0	0	0
		B		7.54Y	125.7	0.00	0.28	0.11	0	1	0	90					1	0	0	0
		C		7.53Y	125.6	0.00	0.42	0.11	0	1	0	90					1	0	0	0
PL.2804	PL.9226	B	1/0EPRJCN	7.54Y	125.7	0.00	0.28	0.04	0	0	0	100	0.00	0.0	1.533	0.033	0	0	0	2
450832	PL.2804	B	Consumer	7.54Y	125.7	0.00	0.28	0.03	0	0	0	100	0.00	0.0	1.533	0.000	0	0	1	1
450833	PL.2804	B	Consumer	7.54Y	125.7	0.00	0.28	0.01	0	0	0	100	0.00	0.0	1.533	0.000	0	0	1	1
PL.15739	PL.9222	A	4ACSR	7.54Y	125.7	0.00	0.32	2.95	2	22	5	98	0.00	0.0	1.002	0.004	0	0	0	5
PD.1044	PL.15739	A	fuse6AMP	7.54Y	125.7	0.00	0.32	2.95	50	22	5	98	0.00	0.0	1.002	0.000	0	0	0	5
PL.15740	PD.1044	A	4ACSR	7.54Y	125.7	0.01	0.33	2.95	2	22	5	98	0.00	0.0	1.073	0.071	0	0	0	5
PL.24633	PL.15740	A	4ACSR	7.54Y	125.7	0.01	0.34	2.95	2	22	5	98	0.00	0.0	1.169	0.096	0	0	0	5
PL.24720	PL.24633	A	4ACSR	7.54Y	125.6	0.01	0.35	2.39	2	18	4	98	0.00	0.0	1.288	0.120	0	0	0	4
PL.9225	PL.24720	A	4ACSR	7.54Y	125.6	0.01	0.36	1.52	1	11	2	98	0.00	0.0	1.417	0.129	0	0	0	2
399843	PL.9225	A	Consumer	7.54Y	125.6	0.00	0.36	1.08	0	8	2	97	0.00	0.0	1.417	0.000	8	2	1	1
PL.1814	PL.9225	A	4ACSR	7.54Y	125.6	0.00	0.36	0.44	0	3	1	95	0.00	0.0	1.464	0.047	0	0	0	1
399844	PL.1814	A	Consumer	7.54Y	125.6	0.00	0.36	0.44	0	3	1	95	0.00	0.0	1.464	0.000	3	1	1	1
PL.9224	PL.9225	A	4ACSR	7.54Y	125.6	0.00	0.36	0.00	0	0	0	100	0.00	0.0	1.597	0.180	0	0	0	0
399842	PL.24720	A	Consumer	7.54Y	125.6	0.00	0.35	0.22	0	2	0	100	0.00	0.0	1.288	0.000	2	0	1	1
399847	PL.24720	A	Consumer	7.54Y	125.6	0.00	0.35	0.65	0	5	1	98	0.00	0.0	1.288	0.000	5	1	1	1
399846	PL.24633	A	Consumer	7.54Y	125.7	0.00	0.34	0.55	0	4	1	97	0.00	0.0	1.169	0.000	4	1	1	1
3998060	PL.24633	A	Consumer	7.54Y	125.7	0.00	0.34	0.00	0	0	0	100	0.00	0.0	1.169	0.000	0	0	0	0
450813	PL.9222	B	Consumer	7.54Y	125.7	0.00	0.27	0.20	0	1	1	71	0.00	0.0	0.998	0.000	1	1	1	1
450822	PL.9222	B	Consumer	7.54Y	125.7	0.00	0.27	1.53	0	10	5	89	0.00	0.0	0.998	0.000	10	5	1	1
450831	PL.9222	B	Consumer	7.54Y	125.7	0.00	0.27	0.66	0	4	2	89	0.00	0.0	0.998	0.000	4	2	1	1
450834	PL.6539	A	Consumer	7.54Y	125.7	0.00	0.32	0.03	0	0	0	100	0.00	0.0	0.953	0.000	0	0	1	1
450828	PL.6538	A	Consumer	7.54Y	125.7	0.00	0.32	0.01	0	0	0	100	0.00	0.0	0.930	0.000	0	0	1	1
450829	PL.40673	A	Consumer	7.54Y	125.7	0.00	0.31	0.03	0	0	0	100	0.00	0.0	0.882	0.000	0	0	1	1
450830	PL.40673	A	Consumer	7.54Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	0.882	0.000	0	0	1	1
PL.40670	PL.15547	A	4ACSR	7.54Y	125.7	0.00	0.31	0.33	0	2	1	89	0.00	0.0	0.814	0.004	0	0	0	3
PD.1043	PL.40670	A	fuse6AMP	7.54Y	125.7	0.00	0.31	0.33	6	2	1	89	0.00	0.0	0.814	0.000	0	0	0	3

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.40671, 450808, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
399812	PL.24712	A	Consumer	7.54Y	125.7	0.00	0.33	0.51	0	4	1	97	0.00	0.0	0.620	0.000	4	1	1	1
399835	PL.24711	A	Consumer	7.54Y	125.7	0.00	0.33	0.60	0	4	1	97	0.00	0.0	0.602	0.000	4	1	1	1
399811	PL.24002	A	Consumer	7.54Y	125.7	0.00	0.33	0.05	0	0	0	100	0.00	0.0	0.554	0.000	0	0	1	1
399814	PL.24002	A	Consumer	7.54Y	125.7	0.00	0.33	0.65	0	5	1	98	0.00	0.0	0.554	0.000	5	1	1	1
399823	PL.24002	A	Consumer	7.54Y	125.7	0.00	0.33	0.75	0	5	1	98	0.00	0.0	0.554	0.000	5	1	1	1
399830	PL.24001	A	Consumer	7.54Y	125.7	0.00	0.32	0.96	0	7	2	96	0.00	0.0	0.519	0.000	7	2	1	1
399730	PL.24001	A	Consumer	7.54Y	125.7	0.00	0.32	0.66	0	5	1	98	0.00	0.0	0.519	0.000	5	1	1	1
399827	PL.24001	A	Consumer	7.54Y	125.7	0.00	0.32	0.63	0	5	1	98	0.00	0.0	0.519	0.000	5	1	1	1
399831	PL.24001	A	Consumer	7.54Y	125.7	0.00	0.32	0.08	0	1	0	100	0.00	0.0	0.519	0.000	1	0	1	1
399829	PL.24001	A	Consumer	7.54Y	125.7	0.00	0.32	0.93	0	7	2	96	0.00	0.0	0.519	0.000	7	2	1	1
PL.9613	PL.9614	A	4ACSR	7.54Y	125.7	0.01	0.30	15.65	13	114	31	96	0.01	0.0	0.394	0.014	0	0	0	29
PL.40629	PL.9613	A	4ACSR	7.54Y	125.7	0.04	0.33	15.65	13	114	31	96	0.03	0.0	0.448	0.055	0	0	0	29
399768	PL.40629	A	Consumer	7.54Y	125.7	0.00	0.33	0.48	0	4	1	97	0.00	0.0	0.448	0.000	4	1	1	1
399767	PL.40629	A	Consumer	7.54Y	125.7	0.00	0.33	0.46	0	3	1	95	0.00	0.0	0.448	0.000	3	1	1	1
399744	PL.40629	A	Consumer	7.54Y	125.7	0.00	0.33	0.00	0	0	0	100	0.00	0.0	0.448	0.000	0	0	0	0
PL.40630	PL.40629	A	4ACSR	7.54Y	125.6	0.02	0.35	14.71	12	107	30	96	0.01	0.0	0.477	0.029	0	0	0	27
PL.36666	PL.40630	A	4ACSR	7.54Y	125.6	0.02	0.38	14.02	12	102	29	96	0.02	0.0	0.513	0.035	0	0	0	25
399782	PL.36666	A	Consumer	7.54Y	125.6	0.00	0.38	2.33	0	15	9	86	0.00	0.0	0.513	0.000	15	9	1	1
399771	PL.36666	A	Consumer	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	0.513	0.000	0	0	0	0
PL.36662	PL.36666	A	4ACSR	7.54Y	125.6	0.01	0.39	11.80	10	87	19	98	0.01	0.0	0.537	0.024	0	0	0	24
PL.15742	PL.36662	A	4ACSR	7.54Y	125.6	0.02	0.41	10.20	9	75	17	98	0.01	0.0	0.581	0.045	0	0	0	21
PD.248-A	PL.15742	A	Closed	7.54Y	125.6	0.00	0.41	10.20	0	75	17	98	0.00	0.0	0.581	0.000	0	0	0	21
PD.248-B	PD.248-A	A	Closed	7.54Y	125.6	0.00	0.41	10.20	0	75	17	98	0.00	0.0	0.581	0.000	0	0	0	21
399723	PD.248-B	A	Consumer	7.54Y	125.6	0.00	0.41	0.08	0	1	0	100	0.00	0.0	0.581	0.000	1	0	1	1
PL.15741	PD.248-B	A	4ACSR	7.54Y	125.6	0.00	0.41	10.11	8	74	17	97	0.00	0.0	0.584	0.002	0	0	0	20
PL.40662	PL.15741	A	4ACSR	7.54Y	125.6	0.00	0.41	3.58	3	26	6	97	0.00	0.0	0.591	0.007	0	0	0	8
PD.7251	PL.40662	A	fuse6AMP	7.54Y	125.6	0.00	0.41	3.58	61	26	6	97	0.00	0.0	0.591	0.000	0	0	0	8
PL.40663	PD.7251	A	4ACSR	7.53Y	125.6	0.01	0.42	3.58	3	26	6	97	0.00	0.0	0.636	0.045	0	0	0	8
PL.9616	PL.40663	A	4ACSR	7.53Y	125.6	0.01	0.42	3.13	3	23	5	98	0.00	0.0	0.672	0.037	0	0	0	7
PL.9617	PL.9616	A	4ACSR	7.53Y	125.6	0.00	0.42	0.96	1	7	2	96	0.00	0.0	0.677	0.005	0	0	0	4
PL.1813	PL.9617	A	4ACSR	7.53Y	125.6	0.00	0.42	0.96	1	7	2	96	0.00	0.0	0.740	0.063	0	0	0	4
399815	PL.1813	A	Consumer	7.53Y	125.6	0.00	0.42	0.26	0	2	0	100	0.00	0.0	0.740	0.000	2	0	1	1
399820	PL.1813	A	Consumer	7.53Y	125.6	0.00	0.42	0.01	0	0	0	100	0.00	0.0	0.740	0.000	0	0	1	1
399816	PL.1813	A	Consumer	7.53Y	125.6	0.00	0.42	0.67	0	5	1	98	0.00	0.0	0.740	0.000	5	1	1	1
399822	PL.1813	A	Consumer	7.53Y	125.6	0.00	0.42	0.02	0	0	0	100	0.00	0.0	0.740	0.000	0	0	1	1
399781	PL.9616	A	Consumer	7.53Y	125.6	0.00	0.42	0.48	0	4	1	97	0.00	0.0	0.672	0.000	4	1	1	1
399726	PL.9616	A	Consumer	7.53Y	125.6	0.00	0.42	0.50	0	4	1	97	0.00	0.0	0.672	0.000	4	1	1	1
399785	PL.9616	A	Consumer	7.53Y	125.6	0.00	0.42	1.20	0	9	2	98	0.00	0.0	0.672	0.000	9	2	1	1

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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)	-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
3997108	PL.40663	A	Consumer	7.53Y	125.6	0.00	0.42	0.45	0	3	1	95	0.00	0.0	0.636	0.000	3	1	1	1
PL.9615	PL.15741	A	4ACSR	7.53Y	125.6	0.02	0.43	6.53	5	48	11	97	0.01	0.0	0.669	0.085	0	0	0	12
399772	PL.9615	A	Consumer	7.53Y	125.6	0.00	0.43	0.00	0	0	0	100	0.00	0.0	0.669	0.000	0	0	1	1
399738	PL.9615	A	Consumer	7.53Y	125.6	0.00	0.43	1.11	0	8	2	97	0.00	0.0	0.669	0.000	8	2	1	1
PL.9154	PL.9615	A	4ACSR	7.53Y	125.6	0.01	0.44	5.43	5	40	9	98	0.00	0.0	0.692	0.023	0	0	0	10
PL.9156	PL.9154	A	4ACSR	7.53Y	125.6	0.01	0.44	3.42	3	25	6	97	0.00	0.0	0.733	0.041	0	0	0	6
PL.1810	PL.9156	A	4ACSR	7.53Y	125.6	0.00	0.45	0.64	1	5	1	98	0.00	0.0	0.763	0.031	0	0	0	1
399793	PL.1810	A	Consumer	7.53Y	125.6	0.00	0.45	0.64	0	5	1	98	0.00	0.0	0.763	0.000	5	1	1	1
PL.9155	PL.9156	A	4ACSR	7.53Y	125.5	0.01	0.45	2.79	2	20	5	97	0.00	0.0	0.783	0.050	0	0	0	5
399734	PL.9155	A	Consumer	7.53Y	125.5	0.00	0.45	0.33	0	2	1	89	0.00	0.0	0.783	0.000	2	1	1	1
399733	PL.9155	A	Consumer	7.53Y	125.5	0.00	0.45	1.06	0	8	2	97	0.00	0.0	0.783	0.000	8	2	1	1
PL.19533	PL.9155	A	4ACSR	7.53Y	125.5	0.00	0.45	1.40	1	10	2	98	0.00	0.0	0.816	0.033	0	0	0	3
PL.19532	PL.19533	A	4ACSR	7.53Y	125.5	0.00	0.45	1.40	1	10	2	98	0.00	0.0	0.844	0.028	0	0	0	3
PL.18717	PL.19532	A	4ACSR	7.53Y	125.5	0.00	0.46	1.17	1	9	2	98	0.00	0.0	0.874	0.030	0	0	0	2
399739	PL.18717	A	Consumer	7.53Y	125.5	0.00	0.46	0.00	0	0	0	100	0.00	0.0	0.874	0.000	0	0	0	0
PL.18716	PL.18717	A	4ACSR	7.53Y	125.5	0.00	0.46	1.17	1	9	2	98	0.00	0.0	0.932	0.057	0	0	0	2
399759	PL.18716	A	Consumer	7.53Y	125.5	0.00	0.46	0.54	0	4	1	97	0.00	0.0	0.932	0.000	4	1	1	1
399741	PL.18716	A	Consumer	7.53Y	125.5	0.00	0.46	0.63	0	5	1	98	0.00	0.0	0.932	0.000	5	1	1	1
399742	PL.19532	A	Consumer	7.53Y	125.5	0.00	0.45	0.23	0	2	0	100	0.00	0.0	0.844	0.000	2	0	1	1
399735	PL.19533	A	Consumer	7.53Y	125.5	0.00	0.45	0.00	0	0	0	100	0.00	0.0	0.816	0.000	0	0	0	0
399745	PL.9154	A	Consumer	7.53Y	125.6	0.00	0.44	0.71	0	5	1	98	0.00	0.0	0.692	0.000	5	1	1	1
399751	PL.9154	A	Consumer	7.53Y	125.6	0.00	0.44	0.38	0	3	1	95	0.00	0.0	0.692	0.000	3	1	1	1
PL.40664	PL.9154	A	4ACSR	7.53Y	125.6	0.00	0.44	0.91	1	7	1	99	0.00	0.0	0.699	0.007	0	0	0	2
PD.7252	PL.40664	A	fuse6AMP	7.53Y	125.6	0.00	0.44	0.91	16	7	1	99	0.00	0.0	0.699	0.000	0	0	0	2
PL.40665	PD.7252	A	4ACSR	7.53Y	125.6	0.00	0.44	0.91	1	7	1	99	0.00	0.0	0.746	0.047	0	0	0	2
399789	PL.40665	A	Consumer	7.53Y	125.6	0.00	0.44	0.58	0	4	1	97	0.00	0.0	0.746	0.000	4	1	1	1
399758	PL.40665	A	Consumer	7.53Y	125.6	0.00	0.44	0.33	0	2	1	89	0.00	0.0	0.746	0.000	2	1	1	1
399769	PL.36662	A	Consumer	7.54Y	125.6	0.00	0.39	0.08	0	1	0	100	0.00	0.0	0.537	0.000	1	0	1	1
399770	PL.36662	A	Consumer	7.54Y	125.6	0.00	0.39	0.30	0	2	0	100	0.00	0.0	0.537	0.000	2	0	1	1
399725	PL.36662	A	Consumer	7.54Y	125.6	0.00	0.39	1.22	0	9	2	98	0.00	0.0	0.537	0.000	9	2	1	1
3997105	PL.40630	A	Consumer	7.54Y	125.6	0.00	0.35	0.69	0	5	1	98	0.00	0.0	0.477	0.000	2	0	1	2
3997104	3997105	A	Consumer	7.54Y	125.6	0.00	0.35	0.46	0	3	1	95	0.00	0.0	0.477	0.000	3	1	1	1
450709	PL.18760	A	Consumer	7.55Y	125.8	0.00	0.24	1.48	0	11	2	98	0.00	0.0	0.332	0.000	11	2	1	1
450708	PL.18760	A	Consumer	7.55Y	125.8	0.00	0.24	1.16	0	8	4	89	0.00	0.0	0.332	0.000	8	4	1	1
450715	PL.23629	B	Consumer	7.55Y	125.9	0.00	0.09	0.52	0	4	1	97	0.00	0.0	0.267	0.000	4	1	1	1
399711	PL.23629	B	Consumer	7.55Y	125.9	0.00	0.09	0.16	0	1	0	100	0.00	0.0	0.267	0.000	1	0	1	1
450712	PL.23629	B	Consumer	7.55Y	125.9	0.00	0.09	3.97	0	27	13	90	0.00	0.0	0.267	0.000	27	13	1	1
450720	PL.23629	A	Consumer	7.55Y	125.8	0.00	0.18	0.01	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\SUMMER\PROPOSED SUMMER 06-10 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 Drop	% Amps	Thru Cap	KW	KVAR	% PF	kW Loss	% Loss		Length (mi)	KW		
PL.1809	PL.18819	B	4ACSR	7.56Y	125.9	0.00	0.07	2.11	2	16	4	97	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	0.00	0	0	0	100	0.00	0.0	0.236	0.000	0	0	1	1	
399777	PL.1809	B	Consumer	7.56Y	125.9	0.00	0.07	2.06	0	15	3	98	0.00	0.0	0.236	0.000	15	3	1	1	
399714	PL.1809	B	Consumer	7.56Y	125.9	0.00	0.07	0.05	0	0	0	100	0.00	0.0	0.236	0.000	0	0	1	1	
399712	PL.18819	B	Consumer	7.56Y	125.9	0.00	0.06	0.23	0	2	1	89	0.00	0.0	0.184	0.000	2	1	1	1	
399736	PL.18819	C	Consumer	7.55Y	125.9	0.00	0.10	0.30	0	2	0	100	0.00	0.0	0.184	0.000	2	0	1	1	
399773	PL.18819	C	Consumer	7.55Y	125.9	0.00	0.10	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	0.01	0	0	0	100	0.00	0.0	0.184	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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	2033	0	0	0	0	0	33	0.00		2066
KVAR	780	0	0	-144	0	0	33			670

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 122.71 volts on PL.2623	3.29 volts on PL.2623	0.69 volts on PL.15555
B-Phase -> 121.50 volts on PL.20599	4.50 volts on PL.20599	0.96 volts on PL.15555
C-Phase -> 120.91 volts on PL.2623	5.09 volts on PL.2623	1.02 volts on PL.15555

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.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\SUMMER\PROPOSED SUMMER 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							
PL.40757	PL.40756	C	4ACSR	7.46Y	124.4	0.02	1.61	5.01	4	35	12	95	0.00	0.0	1.772	0.074	0	0	0	8
625603	PL.40757	C	Consumer	7.46Y	124.4	0.00	1.61	0.00	0	0	0	100	0.00	0.0	1.772	0.000	0	0	0	0
PL.38870	PL.40757	C	4ACSR	7.46Y	124.4	0.00	1.61	1.53	1	11	4	94	0.00	0.0	1.778	0.006	0	0	0	3
PD.6750	PL.38870	C	fuse6AMP	7.46Y	124.4	0.00	1.61	1.53	26	11	4	94	0.00	0.0	1.778	0.000	0	0	0	3
PL.38871	PD.6750	C	4ACSR	7.46Y	124.4	0.00	1.61	1.53	1	11	4	94	0.00	0.0	1.781	0.003	0	0	0	3
PL.38869	PL.38871	C	4ACSR	7.46Y	124.4	0.00	1.61	1.53	1	11	4	94	0.00	0.0	1.829	0.048	0	0	0	3
PL.12695	PL.38869	C	4ACSR	7.46Y	124.4	0.00	1.61	0.77	1	5	2	93	0.00	0.0	1.853	0.023	0	0	0	2
624702	PL.12695	C	Consumer	7.46Y	124.4	0.00	1.61	0.60	0	4	1	97	0.00	0.0	1.853	0.000	4	1	1	1
PL.7735	PL.12695	C	4ACSR	7.46Y	124.4	0.00	1.61	0.18	0	1	0	100	0.00	0.0	1.900	0.047	0	0	0	1
623701	PL.7735	C	Consumer	7.46Y	124.4	0.00	1.61	0.18	0	1	0	100	0.00	0.0	1.900	0.000	1	0	1	1
624703	PL.38869	C	Consumer	7.46Y	124.4	0.00	1.61	0.76	0	5	2	93	0.00	0.0	1.829	0.000	5	2	1	1
PL.24327	PL.40757	C	4ACSR	7.46Y	124.4	0.01	1.62	3.48	3	25	9	94	0.00	0.0	1.826	0.054	0	0	0	5
624802	PL.24327	C	Consumer	7.46Y	124.4	0.00	1.62	1.44	0	10	4	93	0.00	0.0	1.826	0.000	10	4	1	1
624701	PL.24327	C	Consumer	7.46Y	124.4	0.00	1.62	1.32	0	9	3	95	0.00	0.0	1.826	0.000	9	3	1	1
624704	PL.24327	C	Consumer	7.46Y	124.4	0.00	1.62	0.26	0	2	1	89	0.00	0.0	1.826	0.000	2	1	1	1
624801	PL.24327	C	Consumer	7.46Y	124.4	0.00	1.62	0.46	0	3	1	95	0.00	0.0	1.826	0.000	3	1	1	1
624705	PL.24327	C	Consumer	7.46Y	124.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	1.826	0.000	0	0	1	1
PL.38866	PL.12644	C	4ACSR	7.46Y	124.4	0.00	1.59	0.69	1	5	2	93	0.00	0.0	1.699	0.001	0	0	0	3
PD.6748	PL.38866	C	fuse6AMP	7.46Y	124.4	0.00	1.59	0.69	12	5	2	93	0.00	0.0	1.699	0.000	0	0	0	3
PL.38867	PD.6748	C	4ACSR	7.46Y	124.4	0.00	1.59	0.69	1	5	2	93	0.00	0.0	1.699	0.000	0	0	0	3
PL.38865	PL.38867	C	4ACSR	7.46Y	124.4	0.00	1.59	0.11	0	1	0	100	0.00	0.0	1.737	0.038	0	0	0	2
626704	PL.38865	C	Consumer	7.46Y	124.4	0.00	1.59	0.11	0	1	0	100	0.00	0.0	1.737	0.000	1	0	1	1
626706	PL.38865	C	Consumer	7.46Y	124.4	0.00	1.59	0.00	0	0	0	100	0.00	0.0	1.737	0.000	0	0	1	1
626707	PL.38865	C	Consumer	7.46Y	124.4	0.00	1.59	0.00	0	0	0	100	0.00	0.0	1.737	0.000	0	0	0	0
PL.38863	PL.38867	C	4ACSR	7.46Y	124.4	0.00	1.59	0.58	0	4	1	97	0.00	0.0	1.742	0.043	0	0	0	1
626804	PL.38863	C	Consumer	7.46Y	124.4	0.00	1.59	0.58	0	4	1	97	0.00	0.0	1.742	0.000	4	1	1	1
625808	PL.12644	C	Consumer	7.46Y	124.4	0.00	1.59	1.38	0	10	3	96	0.00	0.0	1.697	0.000	10	3	1	1
625804	PL.12644	C	Consumer	7.46Y	124.4	0.00	1.59	0.00	0	0	0	100	0.00	0.0	1.697	0.000	0	0	0	0
625805	PL.12644	C	Consumer	7.46Y	124.4	0.00	1.59	0.58	0	4	1	97	0.00	0.0	1.697	0.000	4	1	1	1
625803	PL.12644	C	Consumer	7.46Y	124.4	0.00	1.59	0.36	0	3	1	95	0.00	0.0	1.697	0.000	3	1	1	1
625809	PL.12644	C	Consumer	7.46Y	124.4	0.00	1.59	0.01	0	0	0	100	0.00	0.0	1.697	0.000	0	0	1	1
PL.38862	PL.12643	C	4ACSR	7.47Y	124.4	0.00	1.57	0.95	1	7	2	96	0.00	0.0	1.639	0.010	0	0	0	2
PD.6747	PL.38862	C	fuse6AMP	7.47Y	124.4	0.00	1.57	0.95	16	7	2	96	0.00	0.0	1.639	0.000	0	0	0	2
PL.38861	PD.6747	C	4ACSR	7.47Y	124.4	0.00	1.57	0.95	1	7	2	96	0.00	0.0	1.701	0.062	0	0	0	2
625807	PL.38861	C	Consumer	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	1.701	0.000	0	0	1	1
625806	PL.38861	C	Consumer	7.47Y	124.4	0.00	1.57	0.95	0	7	2	96	0.00	0.0	1.701	0.000	7	2	1	1
626808	PL.17459	C	Consumer	7.47Y	124.5	0.00	1.55	1.11	0	8	3	94	0.00	0.0	1.590	0.000	8	3	1	1
626807	PL.17459	C	Consumer	7.47Y	124.5	0.00	1.55	0.88	0	6	2	95	0.00	0.0	1.590	0.000	6	2	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	mi	Length						KW	KVAR	Cons On	Cons Thru
626904	PL.12642	B	Consumer	7.50Y	125.1	0.00	0.95	1.52	0	10	5	89	0.00	0.0	1.561	0.000	10	5	1	1		
PL.16206	PL.7279	A	4/0ACSR	7.47Y	124.5	0.00	1.47	2.25	1	15	7	91	0.00	0.0	1.500	0.006	0	0	0	1		
		B		7.50Y	125.1	0.00	0.94	5.95	2	41	18	92					0	0	0	8		
		C		7.47Y	124.5	0.00	1.52	3.66	1	25	10	93					0	0	0	5		
PD.2916	PL.16206	A	fuse10AMP	7.47Y	124.5	0.00	1.47	2.25	23	15	7	91	0.00	0.0	1.500	0.000	0	0	0	1		
		B		7.50Y	125.1	0.00	0.94	5.95	62	41	18	92					0	0	0	8		
		C		7.47Y	124.5	0.00	1.52	3.66	38	25	10	93					0	0	0	5		
PL.16207	PD.2916	A	4/0ACSR	7.47Y	124.5	0.00	1.47	2.25	1	15	7	91	0.00	0.0	1.513	0.013	0	0	0	1		
		B		7.50Y	125.1	0.00	0.95	5.95	2	41	18	92					0	0	0	8		
		C		7.47Y	124.5	0.00	1.52	3.66	1	25	10	93					0	0	0	5		
627901	PL.16207	A	Consumer	7.47Y	124.5	0.00	1.47	0.73	0	5	2	93	0.00	0.0	1.513	0.000	5	2	1	1		
627902	PL.16207	C	Consumer	7.47Y	124.5	0.00	1.52	0.18	0	1	0	100	0.00	0.0	1.513	0.000	1	0	1	1		
PL.12696	PL.16207	A	4/0ACSR	7.47Y	124.5	0.00	1.47	1.52	1	10	5	89	0.00	0.0	1.520	0.007	0	0	0	0		
		B		7.50Y	125.1	0.00	0.95	5.95	2	41	18	92					0	0	0	8		
		C		7.47Y	124.5	0.00	1.52	3.49	1	24	10	93					0	0	0	4		
627910	PL.12696	A	Consumer	7.47Y	124.5	0.00	1.47	1.52	0	10	5	89	0.00	0.0	1.520	0.000	10	5	0	0		
		B		7.50Y	125.1	0.00	0.95	1.52	0	10	5	90					10	5	0	0		
		C		7.47Y	124.5	0.00	1.52	1.52	0	10	5	90					10	5	0	0		
PL.12697	PL.12696	A	4/0ACSR	7.47Y	124.5	-0.00	1.47	0.00	0	0	0	100	0.00	0.0	1.528	0.008	0	0	0	0		
		B		7.50Y	125.1	0.00	0.95	4.43	2	31	13	93					0	0	0	8		
		C		7.47Y	124.5	-0.00	1.52	1.97	1	14	5	94					0	0	0	4		
PL.27715	PL.12697	B	4ACSR	7.50Y	125.1	0.00	0.95	3.08	3	21	9	92	0.00	0.0	1.534	0.006	0	0	0	4		
PD.2924	PL.27715	B	fuse6AMP	7.50Y	125.1	0.00	0.95	3.08	53	21	9	92	0.00	0.0	1.534	0.000	0	0	0	4		
PL.27714	PD.2924	B	4ACSR	7.50Y	125.0	0.00	0.95	3.08	3	21	9	92	0.00	0.0	1.555	0.020	0	0	0	4		
PL.6949	PL.27714	B	4ACSR	7.50Y	125.0	0.00	0.96	3.08	3	21	9	92	0.00	0.0	1.586	0.031	0	0	0	4		
PL.6948	PL.6949	B	4ACSR	7.50Y	125.0	0.00	0.96	2.91	2	20	9	91	0.00	0.0	1.596	0.011	0	0	0	3		
627801	PL.6948	B	Consumer	7.50Y	125.0	0.00	0.96	1.11	0	8	4	89	0.00	0.0	1.596	0.000	8	4	1	1		
627805	PL.6948	B	Consumer	7.50Y	125.0	0.00	0.96	1.10	0	8	3	94	0.00	0.0	1.596	0.000	8	3	1	1		
627808	PL.6948	B	Consumer	7.50Y	125.0	0.00	0.96	0.70	0	5	2	93	0.00	0.0	1.596	0.000	5	2	1	1		
627807	PL.6949	B	Consumer	7.50Y	125.0	0.00	0.96	0.18	0	1	1	71	0.00	0.0	1.586	0.000	1	1	1	1		
PL.6950	PL.12697	B	4ACSR	7.50Y	125.1	0.00	0.95	1.35	1	10	3	96	0.00	0.0	1.576	0.048	0	0	0	4		
627911	PL.6950	B	Consumer	7.50Y	125.1	0.00	0.95	0.71	0	5	2	93	0.00	0.0	1.576	0.000	5	2	1	1		
PL.6951	PL.6950	B	4ACSR	7.50Y	125.0	0.00	0.95	0.64	1	5	2	93	0.00	0.0	1.651	0.074	0	0	0	3		
628909	PL.6951	B	Consumer	7.50Y	125.0	0.00	0.95	0.04	0	0	0	100	0.00	0.0	1.651	0.000	0	0	1	1		
628901	PL.6951	B	Consumer	7.50Y	125.0	0.00	0.95	0.36	0	3	1	95	0.00	0.0	1.651	0.000	3	1	1	1		
628907	PL.6951	B	Consumer	7.50Y	125.0	0.00	0.95	0.25	0	2	1	89	0.00	0.0	1.651	0.000	2	1	1	1		
PL.27716	PL.12697	C	4ACSR	7.47Y	124.5	0.00	1.52	1.97	2	14	5	94	0.00	0.0	1.533	0.005	0	0	0	4		
PD.2925	PL.27716	C	fuse6AMP	7.47Y	124.5	0.00	1.52	1.97	34	14	5	94	0.00	0.0	1.533	0.000	0	0	0	4		
PL.27717	PD.2925	C	4ACSR	7.47Y	124.5	0.00	1.52	1.97	2	14	5	94	0.00	0.0	1.574	0.041	0	0	0	4		
PL.24328	PL.27717	C	4ACSR	7.47Y	124.5	0.01	1.53	0.92	1	6	2	95	0.00	0.0	1.703	0.129	0	0	0	1		
628904	PL.24328	C	Consumer	7.47Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	1.703	0.000	0	0	0	0		
628906	PL.24328	C	Consumer	7.47Y	124.5	0.00	1.53	0.92	0	6	2	95	0.00	0.0	1.703	0.000	6	2	1	1		
PL.24336	PL.27717	C	4ACSR	7.47Y	124.5	0.00	1.52	1.05	1	7	3	92	0.00	0.0	1.585	0.011	0	0	0	3		
627907	PL.24336	C	Consumer	7.47Y	124.5	0.00	1.52	0.02	0	0	0	100	0.00	0.0	1.585	0.000	0	0	1	1		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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							
628018	PL.24336	C	Consumer	7.47Y	124.5	0.00	1.52	0.00	0	0	0	100	0.00	0.0	1.585	0.000	0	0	0	0
627903	PL.24336	C	Consumer	7.47Y	124.5	0.00	1.52	0.97	0	7	2	96	0.00	0.0	1.585	0.000	7	2	1	1
627905	PL.24336	C	Consumer	7.47Y	124.5	0.00	1.52	0.00	0	0	0	100	0.00	0.0	1.585	0.000	0	0	0	0
627908	PL.24336	C	Consumer	7.47Y	124.5	0.00	1.52	0.06	0	0	0	100	0.00	0.0	1.585	0.000	0	0	1	1
PL.24338	PL.7279	B	4ACSR	7.50Y	125.1	0.00	0.94	1.03	1	7	3	92	0.00	0.0	1.506	0.012	0	0	0	1
626906	PL.24338	B	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.506	0.000	0	0	0	0
626903	PL.24338	B	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.506	0.000	0	0	0	0
626905	PL.24338	B	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.506	0.000	0	0	0	0
626902	PL.24338	B	Consumer	7.50Y	125.1	0.00	0.94	1.03	0	7	3	92	0.00	0.0	1.506	0.000	7	3	1	1
627912	PL.12698	B	Consumer	7.50Y	125.1	0.00	0.94	0.42	0	3	1	95	0.00	0.0	1.453	0.000	3	1	1	1
6279025	PL.12698	B	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.453	0.000	0	0	0	0
PL.16210	PL.16209	A	4/0ACSR	7.47Y	124.5	0.01	1.48	124.83	44	884	297	95	0.07	0.0	1.424	0.005	0	0	0	170
		B		7.50Y	125.1	0.00	0.93	67.65	24	482	158	95					0	0	0	88
		C		7.47Y	124.5	0.01	1.51	81.47	29	579	188	95					0	0	0	98
C PD.2926	PL.16210	A	fuse6AMP	7.47Y	124.5	0.00	1.48	124.83	2132	884	297	95	0.00	0.0	1.424	0.000	0	0	0	170
C		B		7.50Y	125.1	0.00	0.93	67.65	1156	482	158	95					0	0	0	88
C		C		7.47Y	124.5	0.00	1.51	81.47	1392	579	188	95					0	0	0	98
PL.20752	PD.2926	A	4/0ACSR	7.47Y	124.4	0.07	1.56	124.83	44	884	297	95	0.56	0.0	1.471	0.047	0	0	0	170
		B		7.50Y	125.1	0.01	0.95	67.65	24	482	158	95					0	0	0	88
		C		7.47Y	124.4	0.05	1.56	81.47	29	579	188	95					0	0	0	98
628016	PL.20752	A	Consumer	7.47Y	124.4	0.00	1.56	0.03	0	0	0	100	0.00	0.0	1.471	0.000	0	0	0	0
		B		7.50Y	125.1	0.00	0.95	0.03	0	0	0	90					0	0	0	0
		C		7.47Y	124.4	0.00	1.56	0.03	0	0	0	90					0	0	0	0
628022	PL.20752	B	Consumer	7.50Y	125.1	0.00	0.95	5.43	0	37	18	90	0.00	0.0	1.471	0.000	37	18	1	1
628020	PL.20752	A	Consumer	7.47Y	124.4	0.00	1.56	0.72	0	5	2	93	0.00	0.0	1.471	0.000	5	2	0	0
		B		7.50Y	125.1	0.00	0.95	0.72	0	5	2	90					5	2	0	0
		C		7.47Y	124.4	0.00	1.56	0.72	0	5	2	90					5	2	0	0
628014	PL.20752	A	Consumer	7.47Y	124.4	0.00	1.56	4.38	0	28	17	85	0.00	0.0	1.471	0.000	28	17	0	0
		B		7.50Y	125.1	0.00	0.95	4.36	0	28	17	85					28	17	0	0
		C		7.47Y	124.4	0.00	1.56	4.38	0	28	17	85					28	17	0	0
PL.20753	PL.20752	A	4/0ACSR	7.46Y	124.4	0.03	1.59	119.83	42	851	277	95	0.24	0.0	1.493	0.023	0	0	0	169
		B		7.50Y	125.1	0.00	0.95	57.33	20	413	121	96					0	0	0	86
		C		7.47Y	124.4	0.02	1.58	76.48	27	546	168	96					0	0	0	97
PL.12707	PL.20753	A	4/0ACSR	7.46Y	124.4	0.02	1.61	118.48	42	841	272	95	0.16	0.0	1.509	0.016	0	0	0	169
		B		7.50Y	125.0	0.00	0.95	55.99	20	404	116	96					0	0	0	86
		C		7.46Y	124.4	0.02	1.60	75.13	26	536	164	96					0	0	0	97
PL.12708	PL.12707	A	4/0ACSR	7.46Y	124.4	0.04	1.65	118.48	42	841	272	95	0.26	0.0	1.534	0.026	0	0	0	169
		B		7.50Y	125.0	0.00	0.95	55.99	20	404	116	96					0	0	0	86
		C		7.46Y	124.4	0.03	1.63	75.13	26	536	164	96					0	0	0	97
PL.12709	PL.12708	A	4/0ACSR	7.46Y	124.3	0.04	1.69	115.37	40	820	261	95	0.26	0.0	1.561	0.026	0	0	0	169
		B		7.50Y	125.0	0.00	0.96	52.85	19	382	106	96					0	0	0	84
		C		7.46Y	124.3	0.03	1.65	72.03	25	515	153	96					0	0	0	96
507105	PL.12709	A	Consumer	7.46Y	124.3	0.00	1.69	0.51	0	3	2	83	0.00	0.0	1.561	0.000	3	2	1	1
PL.15098	PL.12709	A	4ACSR	7.46Y	124.3	0.00	1.69	3.26	3	23	8	94	0.00	0.0	1.566	0.006	0	0	0	5
PD.2815	PL.15098	A	fuse6AMP	7.46Y	124.3	0.00	1.69	3.26	56	23	8	94	0.00	0.0	1.566	0.000	0	0	0	5
PL.15099	PD.2815	A	4ACSR	7.46Y	124.3	0.01	1.70	3.26	3	23	8	94	0.00	0.0	1.639	0.072	0	0	0	5
508101	PL.15099	A	Consumer	7.46Y	124.3	0.00	1.70	0.49	0	3	1	95	0.00	0.0	1.639	0.000	3	1	1	1
507103	PL.15099	A	Consumer	7.46Y	124.3	0.00	1.70	1.37	0	10	3	96	0.00	0.0	1.639	0.000	10	3	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 rows for various elements like 508103, 508102, PL.3205, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
509203	PL.7362	A	Consumer	7.44Y	124.0	0.00	2.03	0.23	0	2	1	89	0.00	0.0	1.951	0.000	2	1	1	1
507214	PL.38247	A	Consumer	7.44Y	124.0	0.00	2.02	0.48	0	3	1	95	0.00	0.0	1.861	0.000	3	1	1	1
507212	PL.38247	A	Consumer	7.44Y	124.0	0.00	2.02	0.76	0	5	2	93	0.00	0.0	1.861	0.000	5	2	1	1
507222	PL.38247	A	Consumer	7.44Y	124.0	0.00	2.02	0.20	0	1	0	100	0.00	0.0	1.861	0.000	1	0	1	1
507213	PL.38247	A	Consumer	7.44Y	124.0	0.00	2.02	1.31	0	9	3	95	0.00	0.0	1.861	0.000	9	3	1	1
PL.38245	PL.38246	A	4ACSR	7.44Y	124.0	0.01	2.00	5.55	5	39	14	94	0.00	0.0	1.812	0.034	0	0	0	10
PL.7365	PL.38245	A	4ACSR	7.44Y	124.0	0.01	2.00	4.25	4	30	10	95	0.00	0.0	1.839	0.026	0	0	0	6
508207	PL.7365	A	Consumer	7.44Y	124.0	0.00	2.00	0.73	0	5	2	93	0.00	0.0	1.839	0.000	5	2	1	1
508217	PL.7365	A	Consumer	7.44Y	124.0	0.00	2.00	0.56	0	4	1	97	0.00	0.0	1.839	0.000	4	1	1	1
508204	PL.7365	A	Consumer	7.44Y	124.0	0.00	2.00	0.54	0	4	1	97	0.00	0.0	1.839	0.000	4	1	1	1
508201	PL.7365	A	Consumer	7.44Y	124.0	0.00	2.00	1.24	0	9	3	95	0.00	0.0	1.839	0.000	9	3	1	1
PL.7366	PL.7365	A	4ACSR	7.44Y	124.0	0.00	2.00	1.18	1	8	3	94	0.00	0.0	1.878	0.039	0	0	0	2
509202	PL.7366	A	Consumer	7.44Y	124.0	0.00	2.00	0.72	0	5	2	93	0.00	0.0	1.878	0.000	5	2	1	1
509205	PL.7366	A	Consumer	7.44Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	1.878	0.000	0	0	0	0
509206	PL.7366	A	Consumer	7.44Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	1.878	0.000	0	0	0	0
509201	PL.7366	A	Consumer	7.44Y	124.0	0.00	2.00	0.46	0	3	1	95	0.00	0.0	1.878	0.000	3	1	1	1
508203	PL.38245	A	Consumer	7.44Y	124.0	0.00	2.00	0.36	0	3	1	95	0.00	0.0	1.812	0.000	3	1	1	1
508202	PL.38245	A	Consumer	7.44Y	124.0	0.00	2.00	0.31	0	2	1	89	0.00	0.0	1.812	0.000	2	1	1	1
5082018	PL.38245	A	Consumer	7.44Y	124.0	0.00	2.00	0.02	0	0	0	100	0.00	0.0	1.812	0.000	0	0	1	1
508216	PL.38245	A	Consumer	7.44Y	124.0	0.00	2.00	0.62	0	4	2	89	0.00	0.0	1.812	0.000	4	2	1	1
PL.38240	PL.15808	A	4ACSR	7.44Y	124.0	0.01	1.99	16.59	14	116	43	94	0.01	0.0	1.780	0.009	0	0	0	36
PL.38243	PL.38240	A	4ACSR	7.44Y	124.0	0.00	1.99	16.59	14	116	43	94	0.00	0.0	1.783	0.003	0	0	0	36
PL.38244	PL.38243	A	4ACSR	7.44Y	124.0	0.04	2.04	16.59	14	116	43	94	0.04	0.0	1.841	0.058	0	0	0	36
508305	PL.38244	A	Consumer	7.44Y	124.0	0.00	2.04	0.47	0	3	1	95	0.00	0.0	1.841	0.000	3	1	1	1
508306	PL.38244	A	Consumer	7.44Y	124.0	0.00	2.04	0.97	0	7	2	96	0.00	0.0	1.841	0.000	7	2	1	1
PL.12711	PL.38244	A	4ACSR	7.44Y	124.0	0.01	2.05	15.15	13	106	39	94	0.01	0.0	1.858	0.016	0	0	0	34
PL.12712	PL.12711	A	4ACSR	7.44Y	123.9	0.01	2.06	12.24	10	86	30	94	0.01	0.0	1.878	0.020	0	0	0	33
PL.12713	PL.12712	A	4ACSR	7.44Y	123.9	0.01	2.07	11.36	10	80	28	94	0.01	0.0	1.903	0.025	0	0	0	32
509302	PL.12713	A	Consumer	7.44Y	123.9	0.00	2.07	0.49	0	3	1	95	0.00	0.0	1.903	0.000	3	1	1	1
509313	PL.12713	A	Consumer	7.44Y	123.9	0.00	2.07	0.37	0	3	1	95	0.00	0.0	1.903	0.000	3	1	1	1
509306	PL.12713	A	Consumer	7.44Y	123.9	0.00	2.07	0.31	0	2	1	89	0.00	0.0	1.903	0.000	2	1	1	1
509310	PL.12713	A	Consumer	7.44Y	123.9	0.00	2.07	0.36	0	3	1	95	0.00	0.0	1.903	0.000	3	1	1	1
509312	PL.12713	A	Consumer	7.44Y	123.9	0.00	2.07	0.54	0	4	1	97	0.00	0.0	1.903	0.000	4	1	1	1
509301	PL.12713	A	Consumer	7.44Y	123.9	0.00	2.07	0.36	0	3	1	95	0.00	0.0	1.903	0.000	3	1	1	1
509309	PL.12713	A	Consumer	7.44Y	123.9	0.00	2.07	0.20	0	1	0	100	0.00	0.0	1.903	0.000	1	0	1	1
509303	PL.12713	A	Consumer	7.44Y	123.9	0.00	2.07	0.34	0	2	1	89	0.00	0.0	1.903	0.000	2	1	1	1
509304	PL.12713	A	Consumer	7.44Y	123.9	0.00	2.07	0.67	0	5	2	93	0.00	0.0	1.903	0.000	5	2	1	1
509305	PL.12713	A	Consumer	7.44Y	123.9	0.00	2.07	0.14	0	1	0	100	0.00	0.0	1.903	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
509307	PL.12713	A	Consumer	7.44Y	123.9	0.00	2.07	0.19	0	1	0	100	0.00	0.0	1.903	0.000	1	0	1	1
509308	PL.12713	A	Consumer	7.44Y	123.9	0.00	2.07	0.38	0	3	1	95	0.00	0.0	1.903	0.000	3	1	1	1
509314	PL.12713	A	Consumer	7.44Y	123.9	0.00	2.07	0.33	0	2	1	89	0.00	0.0	1.903	0.000	2	1	1	1
509311	PL.12713	A	Consumer	7.44Y	123.9	0.00	2.07	0.35	0	2	1	89	0.00	0.0	1.903	0.000	2	1	1	1
PL.7368	PL.12713	A	4ACSR	7.44Y	123.9	0.01	2.08	6.33	5	44	15	95	0.00	0.0	1.931	0.028	0	0	0	18
509331	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.48	0	3	1	95	0.00	0.0	1.931	0.000	3	1	1	1
509322	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.18	0	1	0	100	0.00	0.0	1.931	0.000	1	0	1	1
509320	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.66	0	5	2	93	0.00	0.0	1.931	0.000	5	2	1	1
509318	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.24	0	2	1	89	0.00	0.0	1.931	0.000	2	1	1	1
509321	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.29	0	2	1	89	0.00	0.0	1.931	0.000	2	1	1	1
509330	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.18	0	1	0	100	0.00	0.0	1.931	0.000	1	0	1	1
509316	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.45	0	3	1	95	0.00	0.0	1.931	0.000	3	1	1	1
509315	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.47	0	3	1	95	0.00	0.0	1.931	0.000	3	1	1	1
509332	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.46	0	3	1	95	0.00	0.0	1.931	0.000	3	1	1	1
509325	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.25	0	2	1	89	0.00	0.0	1.931	0.000	2	1	1	1
509324	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.24	0	2	1	89	0.00	0.0	1.931	0.000	2	1	1	1
509323	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.23	0	2	1	89	0.00	0.0	1.931	0.000	2	1	1	1
509319	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.29	0	2	1	89	0.00	0.0	1.931	0.000	2	1	1	1
509317	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.48	0	3	1	95	0.00	0.0	1.931	0.000	3	1	1	1
509328	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.45	0	3	1	95	0.00	0.0	1.931	0.000	3	1	1	1
509327	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.42	0	3	1	95	0.00	0.0	1.931	0.000	3	1	1	1
509329	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.18	0	1	0	100	0.00	0.0	1.931	0.000	1	0	1	1
509326	PL.7368	A	Consumer	7.44Y	123.9	0.00	2.08	0.38	0	3	1	95	0.00	0.0	1.931	0.000	3	1	1	1
PL.38255	PL.12712	A	4ACSR	7.44Y	123.9	0.00	2.06	0.88	1	6	2	95	0.00	0.0	1.881	0.003	0	0	0	1
PD.6670	PL.38255	A	fuse6AMP	7.44Y	123.9	0.00	2.06	0.88	15	6	2	95	0.00	0.0	1.881	0.000	0	0	0	1
PL.38256	PD.6670	A	4ACSR	7.44Y	123.9	0.00	2.06	0.88	1	6	2	95	0.00	0.0	1.991	0.110	0	0	0	1
509207	PL.38256	A	Consumer	7.44Y	123.9	0.00	2.06	0.88	0	6	2	95	0.00	0.0	1.991	0.000	6	2	1	1
PL.38253	PL.12711	A	4ACSR	7.44Y	124.0	0.00	2.05	2.93	2	20	9	91	0.00	0.0	1.860	0.003	0	0	0	1
PD.6669	PL.38253	A	fuse6AMP	7.44Y	124.0	0.00	2.05	2.93	50	20	9	91	0.00	0.0	1.860	0.000	0	0	0	1
PL.38254	PD.6669	A	4ACSR	7.44Y	123.9	0.00	2.05	2.93	2	20	9	91	0.00	0.0	1.892	0.032	0	0	0	1
509333	PL.38254	A	Consumer	7.44Y	123.9	0.00	2.05	2.93	0	20	9	91	0.00	0.0	1.892	0.000	20	9	1	1
PL.38249	PL.15808	A	4ACSR	7.44Y	124.0	0.00	1.98	0.37	0	3	1	95	0.00	0.0	1.775	0.005	0	0	0	1
PD.6667	PL.38249	A	fuse6AMP	7.44Y	124.0	0.00	1.98	0.37	6	3	1	95	0.00	0.0	1.775	0.000	0	0	0	1
PL.38250	PD.6667	A	4ACSR	7.44Y	124.0	0.00	1.98	0.37	0	3	1	95	0.00	0.0	1.817	0.042	0	0	0	1
508302	PL.38250	A	Consumer	7.44Y	124.0	0.00	1.98	0.37	0	3	1	95	0.00	0.0	1.817	0.000	3	1	1	1
508304	PL.38250	A	Consumer	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	1.817	0.000	0	0	0	0
508303	PL.38250	A	Consumer	7.44Y	124.0	0.00	1.98	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\SUMMER\PROPOSED SUMMER 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.7364, 507323, PL.19254, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
505202	PL.12906	C	Consumer	7.44Y	124.1	0.00	1.95	0.00	0	0	0	100	0.00	0.0	2.000	0.000	0	0	0	0
PL.12907	PL.12906	A	4ACSR	7.44Y	123.9	0.01	2.06	6.35	5	45	16	94	0.00	0.0	2.045	0.045	0	0	0	9
		C		7.44Y	124.0	0.00	1.95	1.60	1	11	4	94			0	0	0	0	3	
505212	PL.12907	C	Consumer	7.44Y	124.0	0.00	1.95	0.78	0	5	2	93	0.00	0.0	2.045	0.000	5	2	1	1
505218	PL.12907	C	Consumer	7.44Y	124.0	0.00	1.95	0.51	0	4	1	97	0.00	0.0	2.045	0.000	4	1	1	1
505214	PL.12907	A	Consumer	7.44Y	123.9	0.00	2.06	0.32	0	2	1	89	0.00	0.0	2.045	0.000	2	1	1	1
		C		7.44Y	124.0	0.00	1.95	0.32	0	2	1	90			2	1	1	1	1	
PL.38236	PL.12907	A	4ACSR	7.44Y	123.9	0.00	2.07	6.04	5	42	15	94	0.00	0.0	2.060	0.015	0	0	0	8
C PD.6665	PL.38236	A	fuse6AMP	7.44Y	123.9	0.00	2.07	6.04	103	42	15	94	0.00	0.0	2.060	0.000	0	0	0	8 C
PL.38237	PD.6665	A	4ACSR	7.44Y	123.9	0.00	2.07	6.04	5	42	15	94	0.00	0.0	2.075	0.015	0	0	0	8
PL.12909	PL.38237	A	4ACSR	7.44Y	123.9	0.01	2.08	4.98	4	35	12	95	0.00	0.0	2.113	0.038	0	0	0	6
505219	PL.12909	A	Consumer	7.44Y	123.9	0.00	2.08	0.17	0	1	0	100	0.00	0.0	2.113	0.000	1	0	1	1
505102	PL.12909	A	Consumer	7.44Y	123.9	0.00	2.08	0.15	0	1	0	100	0.00	0.0	2.113	0.000	1	0	1	1
505217	PL.12909	A	Consumer	7.44Y	123.9	0.00	2.08	1.34	0	9	3	95	0.00	0.0	2.113	0.000	9	3	1	1
506209	PL.12909	A	Consumer	7.44Y	123.9	0.00	2.08	0.91	0	6	2	95	0.00	0.0	2.113	0.000	6	2	1	1
PL.12910	PL.12909	A	4ACSR	7.44Y	123.9	0.00	2.08	2.41	2	17	6	94	0.00	0.0	2.150	0.037	0	0	0	2
506210	PL.12910	A	Consumer	7.44Y	123.9	0.00	2.08	1.01	0	7	2	96	0.00	0.0	2.150	0.000	7	2	1	1
506211	PL.12910	A	Consumer	7.44Y	123.9	0.00	2.08	1.40	0	10	3	96	0.00	0.0	2.150	0.000	10	3	1	1
505215	PL.38237	A	Consumer	7.44Y	123.9	0.00	2.07	0.73	0	5	2	93	0.00	0.0	2.075	0.000	5	2	1	1
505216	PL.38237	A	Consumer	7.44Y	123.9	0.00	2.07	0.33	0	2	1	89	0.00	0.0	2.075	0.000	2	1	1	1
PL.19657	PL.12906	C	4ACSR	7.44Y	124.0	0.00	1.95	0.76	1	5	2	93	0.00	0.0	2.028	0.028	0	0	0	1
PL.19658	PL.19657	C	4ACSR	7.44Y	124.0	0.00	1.95	0.00	0	0	0	100	0.00	0.0	2.056	0.027	0	0	0	0
506201	PL.19658	C	Consumer	7.44Y	124.0	0.00	1.95	0.00	0	0	0	100	0.00	0.0	2.056	0.000	0	0	0	0
505209	PL.19657	C	Consumer	7.44Y	124.0	0.00	1.95	0.00	0	0	0	100	0.00	0.0	2.028	0.000	0	0	0	0
505208	PL.19657	C	Consumer	7.44Y	124.0	0.00	1.95	0.76	0	5	2	93	0.00	0.0	2.028	0.000	5	2	1	1
505312	PL.15816	C	Consumer	7.44Y	124.1	0.00	1.94	0.50	0	4	1	97	0.00	0.0	1.955	0.000	4	1	1	1
505205	PL.15816	C	Consumer	7.44Y	124.1	0.00	1.94	0.00	0	0	0	100	0.00	0.0	1.955	0.000	0	0	0	0
505346	PL.15816	A	Consumer	7.44Y	124.0	0.00	2.04	0.96	0	7	2	96	0.00	0.0	1.955	0.000	7	2	1	1
505341	PL.15816	C	Consumer	7.44Y	124.1	0.00	1.94	0.01	0	0	0	100	0.00	0.0	1.955	0.000	0	0	1	1
506239	PL.15816	A	Consumer	7.44Y	124.0	0.00	2.04	0.00	0	0	0	100	0.00	0.0	1.955	0.000	0	0	0	0
505318	PL.15816	C	Consumer	7.44Y	124.1	0.00	1.94	0.00	0	0	0	100	0.00	0.0	1.955	0.000	0	0	0	0
PL.29495	PL.15816	C	4ACSR	7.44Y	124.1	0.00	1.95	12.03	10	84	31	94	0.00	0.0	1.961	0.006	0	0	0	26
C PD.2812	PL.29495	C	fuse6AMP	7.44Y	124.1	0.00	1.95	12.03	206	84	31	94	0.00	0.0	1.961	0.000	0	0	0	26 C
PL.29496	PD.2812	C	4ACSR	7.44Y	124.1	0.00	1.95	12.03	10	84	31	94	0.00	0.0	1.967	0.006	0	0	0	26
PL.29468	PL.29496	C	4ACSR	7.44Y	124.0	0.01	1.96	12.03	10	84	31	94	0.01	0.0	1.983	0.016	0	0	0	26
PL.29469	PL.29468	C	4ACSR	7.44Y	124.0	0.01	1.97	4.38	4	31	11	94	0.00	0.0	2.027	0.043	0	0	0	9
PL.29333	PL.29469	C	4ACSR	7.44Y	124.0	0.00	1.97	4.38	4	31	11	94	0.00	0.0	2.047	0.021	0	0	0	9
506229	PL.29333	C	Consumer	7.44Y	124.0	0.00	1.97	0.53	0	4	1	97	0.00	0.0	2.047	0.000	4	1	1	1
506227	PL.29333	C	Consumer	7.44Y	124.0	0.00	1.97	0.54	0	4	1	97	0.00	0.0	2.047	0.000	4	1	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	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
506228	PL.29333	C	Consumer	7.44Y	124.0	0.00	1.97	0.37	0	3	1	95	0.00	0.0	2.047	0.000	3	1	1	1
506230	PL.29333	C	Consumer	7.44Y	124.0	0.00	1.97	0.43	0	3	1	95	0.00	0.0	2.047	0.000	3	1	1	1
506234	PL.29333	C	Consumer	7.44Y	124.0	0.00	1.97	0.63	0	4	2	89	0.00	0.0	2.047	0.000	4	2	1	1
506232	PL.29333	C	Consumer	7.44Y	124.0	0.00	1.97	0.69	0	5	2	93	0.00	0.0	2.047	0.000	5	2	1	1
506235	PL.29333	C	Consumer	7.44Y	124.0	0.00	1.97	0.66	0	5	2	93	0.00	0.0	2.047	0.000	5	2	1	1
506233	PL.29333	C	Consumer	7.44Y	124.0	0.00	1.97	0.30	0	2	1	89	0.00	0.0	2.047	0.000	2	1	1	1
506231	PL.29333	C	Consumer	7.44Y	124.0	0.00	1.97	0.23	0	2	1	89	0.00	0.0	2.047	0.000	2	1	1	1
506216	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	0.26	0	2	1	89	0.00	0.0	1.983	0.000	2	1	1	1
505336	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	0.18	0	1	0	100	0.00	0.0	1.983	0.000	1	0	1	1
506225	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	0.43	0	3	1	95	0.00	0.0	1.983	0.000	3	1	1	1
506214	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	0.30	0	2	1	89	0.00	0.0	1.983	0.000	2	1	1	1
506217	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	0.40	0	3	1	95	0.00	0.0	1.983	0.000	3	1	1	1
505334	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	0.49	0	3	1	95	0.00	0.0	1.983	0.000	3	1	1	1
506215	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	0.42	0	3	1	95	0.00	0.0	1.983	0.000	3	1	1	1
505335	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	0.24	0	2	1	89	0.00	0.0	1.983	0.000	2	1	1	1
505337	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	0.34	0	2	1	89	0.00	0.0	1.983	0.000	2	1	1	1
506226	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	0.51	0	4	1	97	0.00	0.0	1.983	0.000	4	1	1	1
506220	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	1.44	0	10	5	89	0.00	0.0	1.983	0.000	10	5	1	1
506222	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	0.37	0	3	1	95	0.00	0.0	1.983	0.000	3	1	1	1
506219	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	0.27	0	2	1	89	0.00	0.0	1.983	0.000	2	1	1	1
506223	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	0.54	0	4	1	97	0.00	0.0	1.983	0.000	4	1	1	1
506224	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	0.28	0	2	1	89	0.00	0.0	1.983	0.000	2	1	1	1
506218	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	0.76	0	5	2	93	0.00	0.0	1.983	0.000	5	2	1	1
506221	PL.29468	C	Consumer	7.44Y	124.0	0.00	1.96	0.42	0	3	1	95	0.00	0.0	1.983	0.000	3	1	1	1
PL.12912	PL.25004	A	4/0ACSR	7.44Y	124.0	0.02	2.04	28.95	10	203	71	94	0.03	0.0	1.924	0.034	0	0	0	40
		B		7.50Y	125.0	0.01	1.01	25.88	9	183	65	94					0	0	0	56
		C		7.45Y	124.1	-0.00	1.89	2.18	1	15	5	94					0	0	0	5
PL.12911	PL.12912	A	4/0ACSR	7.44Y	123.9	0.02	2.06	28.47	10	200	70	94	0.03	0.0	1.962	0.038	0	0	0	39
		B		7.50Y	125.0	0.01	1.02	25.88	9	183	65	94					0	0	0	56
		C		7.45Y	124.1	-0.00	1.89	1.62	1	11	4	94					0	0	0	3
PL.15817	PL.12911	A	4ACSR	7.44Y	123.9	0.00	2.07	15.17	13	107	37	95	0.00	0.0	1.967	0.005	0	0	0	19
C.PD.2811	PL.15817	A	fuse8AMP	7.44Y	123.9	0.00	2.07	15.17	207	107	37	95	0.00	0.0	1.967	0.000	0	0	0	19 C
PL.21412	PD.2811	A	4ACSR	7.43Y	123.9	0.02	2.09	15.17	13	107	37	95	0.01	0.0	1.992	0.025	0	0	0	19
PL.20517	PL.21412	A	4ACSR	7.43Y	123.9	0.04	2.12	13.57	11	95	33	94	0.03	0.0	2.049	0.057	0	0	0	16
505339	PL.20517	A	Consumer	7.43Y	123.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	2.049	0.000	0	0	0	0
505321	PL.20517	A	Consumer	7.43Y	123.9	0.00	2.12	0.88	0	6	2	95	0.00	0.0	2.049	0.000	6	2	1	1
505348	PL.20517	A	Consumer	7.43Y	123.9	0.00	2.12	0.74	0	5	2	93	0.00	0.0	2.049	0.000	5	2	1	1
505326	PL.20517	A	Consumer	7.43Y	123.9	0.00	2.12	0.99	0	7	2	96	0.00	0.0	2.049	0.000	7	2	1	1
504301	PL.20517	A	Consumer	7.43Y	123.9	0.00	2.12	0.99	0	7	2	96	0.00	0.0	2.049	0.000	7	2	1	1
505347	PL.20517	A	Consumer	7.43Y	123.9	0.00	2.12	1.06	0	7	3	92	0.00	0.0	2.049	0.000	7	3	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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. The table lists various electrical elements and their characteristics.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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						
506432	PL.25009	B	Consumer	7.50Y	125.0	0.00	1.04	0.63	0	4	2	89	0.00	0.0	2.065	0.000	4	2	1	1
506430	PL.25009	A	Consumer	7.44Y	123.9	0.00	2.07	0.48	0	3	1	95	0.00	0.0	2.065	0.000	3	1	1	1
		B		7.50Y	125.0	0.00	1.04	0.48	0	3	1	94					3	1	1	1
506429	PL.25009	A	Consumer	7.44Y	123.9	0.00	2.07	0.09	0	1	0	100	0.00	0.0	2.065	0.000	1	0	1	1
		B		7.50Y	125.0	0.00	1.04	0.09	0	1	0	94					1	0	1	1
506413	PL.25008	A	Consumer	7.44Y	123.9	0.00	2.07	0.30	0	2	1	89	0.00	0.0	2.029	0.000	2	1	1	1
		B		7.50Y	125.0	0.00	1.03	0.29	0	2	1	94					2	1	1	1
506428	PL.25008	B	Consumer	7.50Y	125.0	0.00	1.03	0.53	0	4	1	97	0.00	0.0	2.029	0.000	4	1	1	1
506431	PL.25008	A	Consumer	7.44Y	123.9	0.00	2.07	0.37	0	3	1	95	0.00	0.0	2.029	0.000	3	1	1	1
		B		7.50Y	125.0	0.00	1.03	0.36	0	3	1	94					3	1	1	1
506417	PL.25008	B	Consumer	7.50Y	125.0	0.00	1.03	1.02	0	7	3	92	0.00	0.0	2.029	0.000	7	3	1	1
505414	PL.25008	B	Consumer	7.50Y	125.0	0.00	1.03	0.75	0	5	2	93	0.00	0.0	2.029	0.000	5	2	1	1
506426	PL.25008	B	Consumer	7.50Y	125.0	0.00	1.03	0.23	0	2	1	89	0.00	0.0	2.029	0.000	2	1	1	1
506420	PL.25008	B	Consumer	7.50Y	125.0	0.00	1.03	0.52	0	4	1	97	0.00	0.0	2.029	0.000	4	1	1	1
PL.19031	PL.12911	A	4/0ACSR	7.44Y	123.9	0.00	2.07	11.44	4	80	28	94	0.01	0.0	1.983	0.021	0	0	0	17
		B		7.50Y	125.0	0.00	1.02	19.72	7	139	50	94					0	0	0	46
		C		7.45Y	124.1	-0.00	1.88	1.62	1	11	4	94					0	0	0	3
505342	PL.19031	C	Consumer	7.45Y	124.1	0.00	1.88	0.34	0	2	1	89	0.00	0.0	1.983	0.000	2	1	1	1
505332	PL.19031	C	Consumer	7.45Y	124.1	0.00	1.88	0.00	0	0	0	100	0.00	0.0	1.983	0.000	0	0	0	0
505331	PL.19031	A	Consumer	7.44Y	123.9	0.00	2.07	0.24	0	2	1	89	0.00	0.0	1.983	0.000	2	1	1	1
505325	PL.19031	C	Consumer	7.45Y	124.1	0.00	1.88	0.00	0	0	0	100	0.00	0.0	1.983	0.000	0	0	0	0
505327	PL.19031	C	Consumer	7.45Y	124.1	0.00	1.88	0.82	0	6	2	95	0.00	0.0	1.983	0.000	6	2	1	1
505416	PL.19031	C	Consumer	7.45Y	124.1	0.00	1.88	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	7.44Y	123.9	0.01	2.08	11.20	4	79	27	95	0.01	0.0	2.021	0.039	0	0	0	16
		B		7.50Y	125.0	0.01	1.03	19.72	7	139	50	94					0	0	0	46
		C		7.45Y	124.1	-0.00	1.88	0.46	0	3	1	94					0	0	0	1
PL.15823	PL.19506	A	4ACSR	7.44Y	123.9	0.00	2.08	1.71	1	12	4	95	0.00	0.0	2.027	0.005	0	0	0	3
		B		7.50Y	125.0	0.00	1.03	4.80	4	34	12	94					0	0	0	9
PD.2807	PL.15823	A	fuse8AMP	7.44Y	123.9	0.00	2.08	1.71	23	12	4	95	0.00	0.0	2.027	0.000	0	0	0	3
		B		7.50Y	125.0	0.00	1.03	4.80	66	34	12	94					0	0	0	9
PL.15824	PD.2807	A	4ACSR	7.44Y	123.9	0.00	2.08	1.71	1	12	4	95	0.00	0.0	2.054	0.027	0	0	0	3
		B		7.50Y	125.0	0.01	1.04	4.80	4	34	12	94					0	0	0	9
PL.15825	PL.15824	A	4ACSR	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	2.106	0.052	0	0	0	0
		B		7.50Y	125.0	0.00	1.04	0.05	0	0	0	90					0	0	0	1
PL.25007	PL.15825	A	4ACSR	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	2.143	0.037	0	0	0	0
		B		7.50Y	125.0	0.00	1.04	0.05	0	0	0	90					0	0	0	1
505501	PL.25007	B	Consumer	7.50Y	125.0	0.00	1.04	0.05	0	0	0	100	0.00	0.0	2.143	0.000	0	0	1	1
505421	PL.15825	A	Consumer	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	2.106	0.000	0	0	0	0
505417	PL.15824	A	Consumer	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	2.054	0.000	0	0	0	0
505411	PL.15824	B	Consumer	7.50Y	125.0	0.00	1.04	0.53	0	4	1	97	0.00	0.0	2.054	0.000	4	1	1	1
505415	PL.15824	A	Consumer	7.44Y	123.9	0.00	2.08	0.08	0	1	0	100	0.00	0.0	2.054	0.000	1	0	1	1
		B		7.50Y	125.0	0.00	1.04	0.08	0	1	0	90					1	0	1	1
505422	PL.15824	A	Consumer	7.44Y	123.9	0.00	2.08	0.32	0	2	1	89	0.00	0.0	2.054	0.000	2	1	1	1
		B		7.50Y	125.0	0.00	1.04	0.32	0	2	1	94					2	1	1	1
505409	PL.15824	B	Consumer	7.50Y	125.0	0.00	1.04	0.68	0	5	2	93	0.00	0.0	2.054	0.000	5	2	1	1
505405	PL.15824	B	Consumer	7.50Y	125.0	0.00	1.04	0.54	0	4	1	97	0.00	0.0	2.054	0.000	4	1	1	1

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 rows for elements 505410 through 504408.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	2.117	0.042	0	0	0	0
		B		7.50Y	124.9	0.01	1.05	13.63	5	96	35	94					0	0	0	34
		C		7.45Y	124.1	-0.00	1.87	0.00	0	0	0	100					0	0	0	0
504416	PL.24827	B	Consumer	7.50Y	124.9	0.00	1.05	0.17	0	1	0	100	0.00	0.0	2.117	0.000	1	0	1	1
504418	PL.24827	B	Consumer	7.50Y	124.9	0.00	1.05	0.34	0	2	1	89	0.00	0.0	2.117	0.000	2	1	1	1
504417	PL.24827	B	Consumer	7.50Y	124.9	0.00	1.05	0.34	0	2	1	89	0.00	0.0	2.117	0.000	2	1	1	1
504402	PL.24827	B	Consumer	7.50Y	124.9	0.00	1.05	0.00	0	0	0	100	0.00	0.0	2.117	0.000	0	0	0	0
504419	PL.24827	B	Consumer	7.50Y	124.9	0.00	1.05	0.70	0	5	2	93	0.00	0.0	2.117	0.000	5	2	1	1
504415	PL.24827	B	Consumer	7.50Y	124.9	0.00	1.05	1.35	0	9	4	91	0.00	0.0	2.117	0.000	9	4	1	1
504441	PL.24827	B	Consumer	7.50Y	124.9	0.00	1.05	0.00	0	0	0	100	0.00	0.0	2.117	0.000	0	0	0	0
PL.29334	PL.24827	B	4ACSR	7.50Y	124.9	0.01	1.06	8.78	7	62	22	94	0.00	0.0	2.141	0.024	0	0	0	25
PL.29335	PL.29334	B	4ACSR	7.50Y	124.9	0.01	1.07	4.26	4	30	10	95	0.00	0.0	2.168	0.026	0	0	0	9
PL.29336	PL.29335	B	4ACSR	7.50Y	124.9	0.00	1.07	3.08	3	22	8	94	0.00	0.0	2.188	0.021	0	0	0	5
504313	PL.29336	B	Consumer	7.50Y	124.9	0.00	1.07	0.25	0	2	1	89	0.00	0.0	2.188	0.000	2	1	1	1
504335	PL.29336	B	Consumer	7.50Y	124.9	0.00	1.07	0.83	0	6	2	95	0.00	0.0	2.188	0.000	6	2	1	1
503401	PL.29336	B	Consumer	7.50Y	124.9	0.00	1.07	0.42	0	3	1	95	0.00	0.0	2.188	0.000	3	1	1	1
504316	PL.29336	B	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	2.188	0.000	0	0	0	0
504328	PL.29336	B	Consumer	7.50Y	124.9	0.00	1.07	0.48	0	3	1	95	0.00	0.0	2.188	0.000	3	1	1	1
503405	PL.29336	B	Consumer	7.50Y	124.9	0.00	1.07	1.10	0	8	3	94	0.00	0.0	2.188	0.000	8	3	1	1
503413	PL.29335	B	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	2.168	0.000	0	0	0	0
504431	PL.29335	B	Consumer	7.50Y	124.9	0.00	1.07	0.26	0	2	1	89	0.00	0.0	2.168	0.000	2	1	1	1
503407	PL.29335	B	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	2.168	0.000	0	0	0	0
504430	PL.29335	B	Consumer	7.50Y	124.9	0.00	1.07	0.26	0	2	1	89	0.00	0.0	2.168	0.000	2	1	1	1
503414	PL.29335	B	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	2.168	0.000	0	0	0	0
503408	PL.29335	B	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	2.168	0.000	0	0	0	0
504429	PL.29335	B	Consumer	7.50Y	124.9	0.00	1.07	0.34	0	2	1	89	0.00	0.0	2.168	0.000	2	1	1	1
503411	PL.29335	B	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	2.168	0.000	0	0	0	0
503412	PL.29335	B	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	2.168	0.000	0	0	0	0
504428	PL.29335	B	Consumer	7.50Y	124.9	0.00	1.07	0.32	0	2	1	89	0.00	0.0	2.168	0.000	2	1	1	1
503409	PL.29335	B	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	2.168	0.000	0	0	0	0
503410	PL.29335	B	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	2.168	0.000	0	0	0	0
504438	PL.29334	B	Consumer	7.50Y	124.9	0.00	1.06	0.26	0	2	1	89	0.00	0.0	2.141	0.000	2	1	1	1
504424	PL.29334	B	Consumer	7.50Y	124.9	0.00	1.06	0.26	0	2	1	89	0.00	0.0	2.141	0.000	2	1	1	1
504426	PL.29334	B	Consumer	7.50Y	124.9	0.00	1.06	0.53	0	4	1	97	0.00	0.0	2.141	0.000	4	1	1	1
504434	PL.29334	B	Consumer	7.50Y	124.9	0.00	1.06	0.19	0	1	1	71	0.00	0.0	2.141	0.000	1	1	1	1
504421	PL.29334	B	Consumer	7.50Y	124.9	0.00	1.06	0.19	0	1	0	100	0.00	0.0	2.141	0.000	1	0	1	1
504423	PL.29334	B	Consumer	7.50Y	124.9	0.00	1.06	0.38	0	3	1	95	0.00	0.0	2.141	0.000	3	1	1	1
504437	PL.29334	B	Consumer	7.50Y	124.9	0.00	1.06	0.38	0	3	1	95	0.00	0.0	2.141	0.000	3	1	1	1
504432	PL.29334	B	Consumer	7.50Y	124.9	0.00	1.06	0.19	0	1	0	100	0.00	0.0	2.141	0.000	1	0	1	1

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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			
504425	PL.29334	B	Consumer	7.50Y	124.9	0.00	1.06	0.26	0	2	1	89	0.00	0.0	2.141	0.000	2	1	1	1
504436	PL.29334	B	Consumer	7.50Y	124.9	0.00	1.06	0.10	0	1	0	100	0.00	0.0	2.141	0.000	1	0	1	1
504427	PL.29334	B	Consumer	7.50Y	124.9	0.00	1.06	0.26	0	2	1	89	0.00	0.0	2.141	0.000	2	1	1	1
504435	PL.29334	B	Consumer	7.50Y	124.9	0.00	1.06	0.11	0	1	0	100	0.00	0.0	2.141	0.000	1	0	1	1
504439	PL.29334	B	Consumer	7.50Y	124.9	0.00	1.06	0.31	0	2	1	89	0.00	0.0	2.141	0.000	2	1	1	1
504422	PL.29334	B	Consumer	7.50Y	124.9	0.00	1.06	0.38	0	3	1	95	0.00	0.0	2.141	0.000	3	1	1	1
504433	PL.29334	B	Consumer	7.50Y	124.9	0.00	1.06	0.29	0	2	1	89	0.00	0.0	2.141	0.000	2	1	1	1
504420	PL.29334	B	Consumer	7.50Y	124.9	0.00	1.06	0.43	0	3	1	95	0.00	0.0	2.141	0.000	3	1	1	1
PL.12914	PL.24827	A	4/0ACSR	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	2.183	0.065	0	0	0	0
		B		7.50Y	124.9	0.00	1.06	1.95	1	14	5	94					0	0	0	4
		C		7.45Y	124.1	-0.00	1.87	0.00	0	0	0	100					0	0	0	0
PL.12913	PL.12914	A	4/0ACSR	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	2.196	0.013	0	0	0	0
		B		7.50Y	124.9	0.00	1.06	0.00	0	0	0	100					0	0	0	0
		C		7.45Y	124.1	0.00	1.87	0.00	0	0	0	100					0	0	0	0
PD.4350-B	PL.12913	A	Open	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	2.196	0.000	0	0	0	0
		B		7.50Y	124.9	0.00	1.06	0.00	0	0	0	100					0	0	0	0
		C		7.45Y	124.1	0.00	1.87	0.00	0	0	0	100					0	0	0	0
503310	PL.12914	B	Consumer	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	2.183	0.000	0	0	0	0
503307	PL.12914	B	Consumer	7.50Y	124.9	0.00	1.06	0.94	0	7	2	96	0.00	0.0	2.183	0.000	7	2	1	1
504306	PL.12914	B	Consumer	7.50Y	124.9	0.00	1.06	0.23	0	2	1	89	0.00	0.0	2.183	0.000	2	1	1	1
504331	PL.12914	B	Consumer	7.50Y	124.9	0.00	1.06	0.25	0	2	1	89	0.00	0.0	2.183	0.000	2	1	1	1
503312	PL.12914	C	Consumer	7.45Y	124.1	0.00	1.87	0.00	0	0	0	100	0.00	0.0	2.183	0.000	0	0	0	0
503303	PL.12914	B	Consumer	7.50Y	124.9	0.00	1.06	0.53	0	4	1	97	0.00	0.0	2.183	0.000	4	1	1	1
504413	PL.19058	C	Consumer	7.45Y	124.1	0.00	1.88	0.00	0	0	0	100	0.00	0.0	2.047	0.000	0	0	0	0
504406	PL.19058	B	Consumer	7.50Y	125.0	0.00	1.04	0.29	0	2	1	89	0.00	0.0	2.047	0.000	2	1	1	1
504412	PL.19058	B	Consumer	7.50Y	125.0	0.00	1.04	0.53	0	4	1	97	0.00	0.0	2.047	0.000	4	1	1	1
504414	PL.19058	B	Consumer	7.50Y	125.0	0.00	1.04	0.48	0	3	1	95	0.00	0.0	2.047	0.000	3	1	1	1
506302	PL.12912	A	Consumer	7.44Y	124.0	0.00	2.04	0.48	0	3	1	95	0.00	0.0	1.924	0.000	3	1	1	1
		C		7.45Y	124.1	0.00	1.89	0.48	0	3	1	94					3	1	1	1
505338	PL.12912	A	Consumer	7.44Y	124.0	0.00	2.04	0.00	0	0	0	100	0.00	0.0	1.924	0.000	0	0	0	0
		C		7.45Y	124.1	0.00	1.89	0.00	0	0	0	100					0	0	0	0
505324	PL.12912	C	Consumer	7.45Y	124.1	0.00	1.89	0.08	0	1	0	100	0.00	0.0	1.924	0.000	1	0	1	1
505328	PL.12912	C	Consumer	7.45Y	124.1	0.00	1.89	0.00	0	0	0	100	0.00	0.0	1.924	0.000	0	0	0	0
506401	PL.12912	A	Consumer	7.44Y	124.0	0.00	2.04	0.00	0	0	0	100	0.00	0.0	1.924	0.000	0	0	0	0
		C		7.45Y	124.1	0.00	1.89	0.00	0	0	0	100					0	0	0	0
506313	PL.12912	A	Consumer	7.44Y	124.0	0.00	2.04	0.00	0	0	0	100	0.00	0.0	1.924	0.000	0	0	1	1
		C		7.45Y	124.1	0.00	1.89	0.00	0	0	0	94					0	0	1	1
PL.17653	PL.25004	C	4ACSR	7.45Y	124.1	0.00	1.90	8.10	7	57	20	94	0.00	0.0	1.895	0.005	0	0	0	11
C PD.2809	PL.17653	C	fuse8AMP	7.45Y	124.1	0.00	1.90	8.10	111	57	20	94	0.00	0.0	1.895	0.000	0	0	0	11 C
PL.17654	PD.2809	C	4ACSR	7.45Y	124.1	0.01	1.90	8.10	7	57	20	94	0.00	0.0	1.916	0.021	0	0	0	11
506314	PL.17654	C	Consumer	7.45Y	124.1	0.00	1.90	0.84	0	6	2	95	0.00	0.0	1.916	0.000	6	2	1	1
506318	PL.17654	C	Consumer	7.45Y	124.1	0.00	1.90	0.00	0	0	0	100	0.00	0.0	1.916	0.000	0	0	0	0
506322	PL.17654	C	Consumer	7.45Y	124.1	0.00	1.90	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\SUMMER\PROPOSED SUMMER 06-10 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	7.45Y	124.1	0.00	1.90	1.02	0	7	2	96	0.00	0.0	1.916	0.000	7	2	1	1
506320	PL.17654	C	Consumer	7.45Y	124.1	0.00	1.90	0.00	0	0	0	100	0.00	0.0	1.916	0.000	0	0	0	0
506303	PL.17654	C	Consumer	7.45Y	124.1	0.00	1.90	0.00	0	0	0	100	0.00	0.0	1.916	0.000	0	0	0	0
506319	PL.17654	C	Consumer	7.45Y	124.1	0.00	1.90	0.00	0	0	0	100	0.00	0.0	1.916	0.000	0	0	0	0
PL.27827	PL.17654	C	4ACSR	7.45Y	124.1	0.01	1.91	6.24	5	44	15	95	0.00	0.0	1.950	0.034	0	0	0	9
PL.27828	PL.27827	C	4ACSR	7.44Y	124.1	0.00	1.92	2.99	3	21	7	95	0.00	0.0	1.982	0.032	0	0	0	4
506433	PL.27828	C	Consumer	7.44Y	124.1	0.00	1.92	0.35	0	2	1	89	0.00	0.0	1.982	0.000	2	1	1	1
506427	PL.27828	C	Consumer	7.44Y	124.1	0.00	1.92	1.61	0	11	4	94	0.00	0.0	1.982	0.000	5	2	1	2
5064034	506427	C	Consumer	7.44Y	124.1	0.00	1.92	0.86	0	6	2	95	0.00	0.0	1.982	0.000	6	2	1	1
PL.25010	PL.27828	C	4ACSR	7.44Y	124.1	0.00	1.92	1.03	1	7	3	92	0.00	0.0	2.028	0.046	0	0	0	1
507401	PL.25010	C	Consumer	7.44Y	124.1	0.00	1.92	1.03	0	7	3	92	0.00	0.0	2.028	0.000	7	3	1	1
506409	PL.25010	C	Consumer	7.44Y	124.1	0.00	1.92	0.00	0	0	0	100	0.00	0.0	2.028	0.000	0	0	0	0
506317	PL.27827	C	Consumer	7.45Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	1.950	0.000	0	0	0	0
506423	PL.27827	C	Consumer	7.45Y	124.1	0.00	1.91	1.19	0	8	3	94	0.00	0.0	1.950	0.000	8	3	1	1
506310	PL.27827	C	Consumer	7.45Y	124.1	0.00	1.91	0.58	0	4	1	97	0.00	0.0	1.950	0.000	4	1	1	1
506424	PL.27827	C	Consumer	7.45Y	124.1	0.00	1.91	0.68	0	5	2	93	0.00	0.0	1.950	0.000	5	2	1	1
506411	PL.27827	C	Consumer	7.45Y	124.1	0.00	1.91	0.19	0	1	0	100	0.00	0.0	1.950	0.000	1	0	1	1
506309	PL.27827	C	Consumer	7.45Y	124.1	0.00	1.91	0.63	0	4	2	89	0.00	0.0	1.950	0.000	4	2	1	1
506419	PL.27827	C	Consumer	7.45Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	1.950	0.000	0	0	0	0
PL.44719	PL.24822	A	2ACSR	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	1.910	0.034	0	0	0	0
		B		7.50Y	125.0	0.00	1.00	0.00	0	0	0	90			0	0	0	0	0	
		C		7.45Y	124.1	0.00	1.89	0.00	0	0	0	90			0	0	0	0	0	
5063031	PL.44719	A	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	1.910	0.000	0	0	0	0
		B		7.50Y	125.0	0.00	1.00	0.00	0	0	0	90			0	0	0	0	0	
		C		7.45Y	124.1	0.00	1.89	0.00	0	0	0	90			0	0	0	0	0	
P PL.45849	PL.24822	A	1/0EPRJCN	7.44Y	124.0	-0.00	2.02	-0.02	0	0	0	100	0.00	0.0	1.906	0.030	0	0	0	0 P
5063034	PL.45849	A	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	1.906	0.000	0	0	0	0
5063035	5063034	A	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	1.906	0.000	0	0	0	0
5063032	PL.45849	A	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	1.906	0.000	0	0	0	0
5063033	5063032	A	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	1.906	0.000	0	0	0	0
506312	PL.24822	C	Consumer	7.45Y	124.1	0.00	1.89	0.01	0	0	0	100	0.00	0.0	1.876	0.000	0	0	1	1
PL.15809	PL.18372	A	4ACSR	7.44Y	124.0	0.00	2.00	12.11	10	85	30	94	0.00	0.0	1.833	0.005	0	0	0	16
C PD.2813	PL.15809	A	fuse8AMP	7.44Y	124.0	0.00	2.00	12.11	166	85	30	94	0.00	0.0	1.833	0.000	0	0	0	16 C
PL.15810	PD.2813	A	4ACSR	7.44Y	124.0	0.01	2.01	12.11	10	85	30	94	0.00	0.0	1.847	0.014	0	0	0	16
506330	PL.15810	A	Consumer	7.44Y	124.0	0.00	2.01	0.30	0	2	1	89	0.00	0.0	1.847	0.000	2	1	1	1
507318	PL.15810	A	Consumer	7.44Y	124.0	0.00	2.01	0.75	0	5	2	93	0.00	0.0	1.847	0.000	5	2	1	1
506325	PL.15810	A	Consumer	7.44Y	124.0	0.00	2.01	0.07	0	0	0	100	0.00	0.0	1.847	0.000	0	0	1	1
506308	PL.15810	A	Consumer	7.44Y	124.0	0.00	2.01	1.15	0	8	3	94	0.00	0.0	1.847	0.000	8	3	1	1
506315	PL.15810	A	Consumer	7.44Y	124.0	0.00	2.01	1.01	0	7	2	96	0.00	0.0	1.847	0.000	7	2	1	1
506316	PL.15810	A	Consumer	7.44Y	124.0	0.00	2.01	0.30	0	2	1	89	0.00	0.0	1.847	0.000	2	1	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	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.24293	PL.15810	A	4ACSR	7.44Y	124.0	0.02	2.03	8.53	7	60	21	94	0.01	0.0	1.896	0.050	0	0	0	10
PL.12715	PL.24293	A	4ACSR	7.44Y	124.0	0.00	2.03	5.59	5	39	14	94	0.00	0.0	1.915	0.019	0	0	0	6
PL.12716	PL.12715	A	4ACSR	7.44Y	124.0	0.00	2.03	5.59	5	39	14	94	0.00	0.0	1.916	0.000	0	0	0	6
PL.7369	PL.12716	A	4ACSR	7.44Y	124.0	0.00	2.03	0.77	1	5	2	93	0.00	0.0	1.957	0.041	0	0	0	1
507403	PL.7369	A	Consumer	7.44Y	124.0	0.00	2.03	0.77	0	5	2	93	0.00	0.0	1.957	0.000	5	2	1	1
507406	PL.12716	A	Consumer	7.44Y	124.0	0.00	2.03	1.98	0	14	5	94	0.00	0.0	1.916	0.000	14	5	1	1
507313	PL.12716	A	Consumer	7.44Y	124.0	0.00	2.03	0.86	0	6	2	95	0.00	0.0	1.916	0.000	6	2	1	1
507310	PL.12716	A	Consumer	7.44Y	124.0	0.00	2.03	0.80	0	6	2	95	0.00	0.0	1.916	0.000	6	2	1	1
5073035	507310	A	Consumer	7.44Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	1.916	0.000	0	0	0	0
507407	PL.12716	A	Consumer	7.44Y	124.0	0.00	2.03	0.37	0	3	1	95	0.00	0.0	1.916	0.000	3	1	1	1
507405	PL.12716	A	Consumer	7.44Y	124.0	0.00	2.03	0.81	0	6	2	95	0.00	0.0	1.916	0.000	6	2	1	1
507307	PL.24293	A	Consumer	7.44Y	124.0	0.00	2.03	1.20	0	8	3	94	0.00	0.0	1.896	0.000	8	3	1	1
507312	PL.24293	A	Consumer	7.44Y	124.0	0.00	2.03	0.79	0	6	2	95	0.00	0.0	1.896	0.000	6	2	1	1
507306	PL.24293	A	Consumer	7.44Y	124.0	0.00	2.03	0.43	0	3	1	95	0.00	0.0	1.896	0.000	3	1	1	1
507322	PL.24293	A	Consumer	7.44Y	124.0	0.00	2.03	0.52	0	4	1	97	0.00	0.0	1.896	0.000	4	1	1	1
PL.15811	PL.18372	A	4ACSR	7.44Y	124.0	0.00	2.00	4.43	4	31	11	94	0.00	0.0	1.833	0.005	0	0	0	9
PD.2814	PL.15811	A	fuse8AMP	7.44Y	124.0	0.00	2.00	4.43	61	31	11	94	0.00	0.0	1.833	0.000	0	0	0	9
PL.15812	PD.2814	A	4ACSR	7.44Y	124.0	0.01	2.01	4.43	4	31	11	94	0.00	0.0	1.860	0.027	0	0	0	9
PL.24292	PL.15812	A	4ACSR	7.44Y	124.0	0.01	2.01	3.92	3	28	10	94	0.00	0.0	1.909	0.048	0	0	0	7
506236	PL.24292	A	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	1.909	0.000	0	0	0	0
506204	PL.24292	A	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	1.909	0.000	0	0	0	0
5062041	PL.24292	A	Consumer	7.44Y	124.0	0.00	2.01	1.11	0	8	3	94	0.00	0.0	1.909	0.000	8	3	1	1
506240	PL.24292	A	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	1.909	0.000	0	0	0	0
506238	PL.24292	A	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	1.909	0.000	0	0	0	0
506207	PL.24292	A	Consumer	7.44Y	124.0	0.00	2.01	0.37	0	3	1	95	0.00	0.0	1.909	0.000	3	1	1	1
506237	PL.24292	A	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	1.909	0.000	0	0	1	1
506206	PL.24292	A	Consumer	7.44Y	124.0	0.00	2.01	0.88	0	6	2	95	0.00	0.0	1.909	0.000	6	2	1	1
PL.24823	PL.24292	A	4ACSR	7.44Y	124.0	0.00	2.02	1.56	1	11	4	94	0.00	0.0	1.941	0.033	0	0	0	3
506208	PL.24823	A	Consumer	7.44Y	124.0	0.00	2.02	0.81	0	6	2	95	0.00	0.0	1.941	0.000	6	2	1	1
506212	PL.24823	A	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	1.941	0.000	0	0	1	1
506203	PL.24823	A	Consumer	7.44Y	124.0	0.00	2.02	0.75	0	5	2	93	0.00	0.0	1.941	0.000	5	2	1	1
506205	PL.15812	A	Consumer	7.44Y	124.0	0.00	2.01	0.39	0	3	1	95	0.00	0.0	1.860	0.000	3	1	1	1
506324	PL.15812	A	Consumer	7.44Y	124.0	0.00	2.01	0.12	0	1	0	100	0.00	0.0	1.860	0.000	1	0	1	1
507302	PL.19254	C	Consumer	7.45Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	1.778	0.000	0	0	1	1
507209	PL.19254	C	Consumer	7.45Y	124.1	0.00	1.86	1.35	0	9	3	95	0.00	0.0	1.778	0.000	9	3	1	1
507218	PL.19254	C	Consumer	7.45Y	124.1	0.00	1.86	0.15	0	1	0	100	0.00	0.0	1.778	0.000	1	0	1	1
507208	PL.19254	C	Consumer	7.45Y	124.1	0.00	1.86	0.63	0	4	2	89	0.00	0.0	1.778	0.000	4	2	1	1
507217	PL.19254	C	Consumer	7.45Y	124.1	0.00	1.86	0.59	0	4	1	97	0.00	0.0	1.778	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 CWP.WM\
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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 PD.174-B, PL.15803, 507404, PL.12717, PL.24298, PL.12718, PL.12719, 509509, 509508, PL.12245, PL.12246, 509609, 509610, 509612, 509622, PL.18238, PL.6522, PL.12764, 510611, 510610, PL.12765, PL.12763, PL.12761.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.44Y	124.0	0.00	1.97	2.27	1	15	7	91	0.00	0.0	2.340	0.037	0	0	0	3		
		B		7.50Y	125.0	0.00	1.05	7.57	2	51	24	91					0	0	0	5		
		C		7.44Y	124.0	0.00	1.99	5.72	1	39	18	91					0	0	0	3		
PL.12760	PL.12762	A	336ACSR	7.44Y	124.0	-0.00	1.97	1.58	0	11	5	91	0.00	0.0	2.352	0.012	0	0	0	2		
		B		7.50Y	125.0	0.00	1.05	1.52	0	10	5	90					0	0	0	1		
		C		7.44Y	124.0	0.00	1.99	5.03	1	34	16	91					0	0	0	3		
511707	PL.12760	C	Consumer	7.44Y	124.0	0.00	1.99	1.03	0	7	3	92	0.00	0.0	2.352	0.000	7	3	1	1		
511701	PL.12760	C	Consumer	7.44Y	124.0	0.00	1.99	2.47	0	17	8	90	0.00	0.0	2.352	0.000	17	8	1	1		
510708	PL.12760	C	Consumer	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	2.352	0.000	0	0	0	0		
PL.12759	PL.12760	A	336ACSR	7.44Y	124.0	0.00	1.97	1.58	0	11	5	91	0.00	0.0	2.368	0.016	0	0	0	2		
		B		7.50Y	125.0	0.00	1.05	1.52	0	10	5	90					0	0	0	1		
		C		7.44Y	124.0	0.00	1.99	1.53	0	10	5	90					0	0	0	1		
PL.12758	PL.12759	A	336ACSR	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	2.374	0.006	0	0	0	0		
		B		7.50Y	125.0	0.00	1.05	0.00	0	0	0	100					0	0	0	0		
		C		7.44Y	124.0	0.00	1.99	0.00	0	0	0	100					0	0	0	0		
PD.3067-B	PL.12758	A	Open	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	2.374	0.000	0	0	0	0		
		B		7.50Y	125.0	0.00	1.05	0.00	0	0	0	100					0	0	0	0		
		C		7.44Y	124.0	0.00	1.99	0.00	0	0	0	100					0	0	0	0		
510718	PL.12759	A	Consumer	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	2.368	0.000	0	0	0	0		
511720	PL.12759	A	Consumer	7.44Y	124.0	0.00	1.97	0.40	0	3	1	95	0.00	0.0	2.368	0.000	3	1	1	1		
511719	PL.12759	B	Consumer	7.50Y	125.0	0.00	1.05	1.52	0	10	5	89	0.00	0.0	2.368	0.000	10	5	1	1		
		C		7.44Y	124.0	0.00	1.99	1.53	0	10	5	90					10	5	1	1		
511718	PL.12759	A	Consumer	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	2.368	0.000	0	0	0	0		
511704	PL.12759	A	Consumer	7.44Y	124.0	0.00	1.97	1.18	0	8	4	89	0.00	0.0	2.368	0.000	8	4	1	1		
PL.6525	PL.12762	A	4ACSR	7.44Y	124.0	0.00	1.98	0.69	1	5	2	93	0.00	0.0	2.396	0.055	0	0	0	1		
		B		7.50Y	124.9	0.02	1.06	6.04	5	41	19	91					0	0	0	5		
		C		7.44Y	124.0	-0.00	1.98	0.69	1	5	2	90					0	0	0	1		
PL.7204	PL.6525	A	4ACSR	7.44Y	124.0	0.00	1.98	0.69	1	5	2	93	0.00	0.0	2.411	0.016	0	0	0	1		
		B		7.50Y	124.9	0.00	1.06	2.23	2	15	6	92					0	0	0	3		
		C		7.44Y	124.0	0.00	1.98	0.69	1	5	2	90					0	0	0	1		
510717	PL.7204	A	Consumer	7.44Y	124.0	0.00	1.98	0.20	0	1	1	71	0.00	0.0	2.411	0.000	1	1	0	0		
		B		7.50Y	124.9	0.00	1.06	0.20	0	1	1	90					1	1	0	0		
		C		7.44Y	124.0	0.00	1.98	0.20	0	1	1	90					1	1	0	0		
510731	PL.7204	B	Consumer	7.50Y	124.9	0.00	1.06	0.51	0	3	2	83	0.00	0.0	2.411	0.000	3	2	1	1		
510707	PL.7204	A	Consumer	7.44Y	124.0	0.00	1.98	0.49	0	3	2	83	0.00	0.0	2.411	0.000	3	2	0	0		
		B		7.50Y	124.9	0.00	1.06	0.49	0	3	2	90					3	2	0	0		
		C		7.44Y	124.0	0.00	1.98	0.49	0	3	2	90					3	2	0	0		
510729	PL.7204	B	Consumer	7.50Y	124.9	0.00	1.06	1.04	0	7	3	92	0.00	0.0	2.411	0.000	7	3	1	1		
510724	PL.7204	B	Consumer	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	2.411	0.000	0	0	0	0		
510730	PL.6525	B	Consumer	7.50Y	124.9	0.00	1.06	2.50	0	17	8	90	0.00	0.0	2.396	0.000	17	8	1	1		
510716	PL.6525	C	Consumer	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	2.396	0.000	0	0	0	0		
510706	PL.6525	B	Consumer	7.50Y	124.9	0.00	1.06	1.32	0	9	4	91	0.00	0.0	2.396	0.000	9	4	1	1		
509626	PL.12761	B	Consumer	7.50Y	125.0	0.00	1.04	0.02	0	0	0	100	0.00	0.0	2.303	0.000	0	0	1	1		
5107036	PL.12761	A	Consumer	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	2.303	0.000	0	0	0	0		
510617	PL.12761	A	Consumer	7.44Y	124.0	0.00	1.97	0.16	0	1	1	71	0.00	0.0	2.303	0.000	1	1	1	1		
510725	PL.12761	A	Consumer	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	2.303	0.000	0	0	0	0		
510612	PL.12761	A	Consumer	7.44Y	124.0	0.00	1.97	0.72	0	5	2	93	0.00	0.0	2.303	0.000	5	2	1	1		
511715	PL.12761	C	Consumer	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	2.303	0.000	0	0	0	0		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.44Y	124.0	0.00	1.97	0.89	0	6	2	95	0.00	0.0	2.303	0.000	6	2	1	1
510702	PL.12761	A	Consumer	7.44Y	124.0	0.00	1.97	0.25	0	2	1	89	0.00	0.0	2.303	0.000	2	1	1	1
510622	PL.12763	B	Consumer	7.50Y	125.0	0.00	1.04	0.29	0	2	1	89	0.00	0.0	2.267	0.000	2	1	1	1
510621	PL.12763	B	Consumer	7.50Y	125.0	0.00	1.04	1.68	0	11	5	91	0.00	0.0	2.267	0.000	11	5	1	1
510609	PL.12763	B	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	2.267	0.000	0	0	0	0
510620	PL.12763	B	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	2.267	0.000	0	0	1	1
510605	PL.12763	B	Consumer	7.50Y	125.0	0.00	1.04	0.36	0	2	1	89	0.00	0.0	2.267	0.000	2	1	1	1
510614	PL.12763	B	Consumer	7.50Y	125.0	0.00	1.04	0.38	0	3	1	95	0.00	0.0	2.267	0.000	3	1	1	1
PL.3446	PL.12765	C	4ACSR	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	2.283	0.028	0	0	0	0
510615	PL.12765	A	Consumer	7.44Y	124.0	0.00	1.97	0.80	0	5	3	86	0.00	0.0	2.255	0.000	5	3	0	0
		B		7.50Y	125.0	0.00	1.04	0.79	0	5	3	90					5	3	0	0
		C		7.44Y	124.0	0.00	1.98	0.80	0	5	3	90					5	3	0	0
510623	PL.12765	A	Consumer	7.44Y	124.0	0.00	1.97	1.50	0	11	4	94	0.00	0.0	2.255	0.000	11	4	1	1
PL.6523	PL.12764	A	336ACSR	7.44Y	124.0	-0.00	1.97	0.77	0	5	2	93	0.00	0.0	2.266	0.036	0	0	0	1
		B		7.50Y	125.0	0.00	1.04	0.21	0	1	1	94					0	0	0	1
		C		7.44Y	124.0	0.00	1.99	8.12	2	56	23	92					0	0	0	8
PL.6524	PL.6523	A	336ACSR	7.44Y	124.0	-0.00	1.97	0.77	0	5	2	93	0.00	0.0	2.293	0.028	0	0	0	1
		B		7.50Y	125.0	0.00	1.04	0.21	0	1	1	94					0	0	0	1
		C		7.44Y	124.0	0.00	1.99	8.12	2	56	23	92					0	0	0	8
PL.40418	PL.6524	A	336ACSR	7.44Y	124.0	-0.00	1.97	0.77	0	5	2	93	0.00	0.0	2.329	0.036	0	0	0	1
		B		7.50Y	125.0	0.00	1.04	0.21	0	1	1	94					0	0	0	1
		C		7.44Y	124.0	0.00	1.99	8.12	2	56	23	92					0	0	0	8
509620	PL.40418	C	Consumer	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	2.329	0.000	0	0	0	0
509705	PL.40418	C	Consumer	7.44Y	124.0	0.00	1.99	1.18	0	8	3	94	0.00	0.0	2.329	0.000	8	3	1	1
509708	PL.40418	C	Consumer	7.44Y	124.0	0.00	1.99	3.31	0	22	11	89	0.00	0.0	2.329	0.000	22	11	1	1
509706	PL.40418	C	Consumer	7.44Y	124.0	0.00	1.99	0.45	0	3	1	95	0.00	0.0	2.329	0.000	3	1	1	1
509703	PL.40418	C	Consumer	7.44Y	124.0	0.00	1.99	0.84	0	6	2	95	0.00	0.0	2.329	0.000	6	2	1	1
509702	PL.40418	C	Consumer	7.44Y	124.0	0.00	1.99	0.79	0	6	2	95	0.00	0.0	2.329	0.000	6	2	1	1
509709	PL.40418	C	Consumer	7.44Y	124.0	0.00	1.99	0.17	0	1	1	71	0.00	0.0	2.329	0.000	1	1	1	1
509619	PL.40418	A	Consumer	7.44Y	124.0	0.00	1.97	0.77	0	5	2	93	0.00	0.0	2.329	0.000	5	2	1	1
		C		7.44Y	124.0	0.00	1.99	0.77	0	5	2	90					5	2	1	1
509704	PL.40418	C	Consumer	7.44Y	124.0	0.00	1.99	0.64	0	4	2	89	0.00	0.0	2.329	0.000	4	2	1	1
509707	PL.40418	B	Consumer	7.50Y	125.0	0.00	1.04	0.21	0	1	1	71	0.00	0.0	2.329	0.000	1	1	1	1
PL.7359	PL.12246	A	4ACSR	7.44Y	124.0	0.00	1.97	3.37	3	23	11	90	0.00	0.0	2.179	0.016	0	0	0	3
509615	PL.7359	A	Consumer	7.44Y	124.0	0.00	1.97	1.74	0	12	6	89	0.00	0.0	2.179	0.000	12	6	1	1
509601	PL.7359	A	Consumer	7.44Y	124.0	0.00	1.97	1.15	0	8	4	89	0.00	0.0	2.179	0.000	8	4	1	1
PL.7360	PL.7359	A	4ACSR	7.44Y	124.0	0.00	1.97	0.48	0	3	1	95	0.00	0.0	2.185	0.006	0	0	0	1
PL.3447	PL.7360	A	4ACSR	7.44Y	124.0	0.00	1.97	0.48	0	3	1	95	0.00	0.0	2.229	0.044	0	0	0	1
510601	PL.3447	A	Consumer	7.44Y	124.0	0.00	1.97	0.48	0	3	1	95	0.00	0.0	2.229	0.000	3	1	1	1
509507	PL.12245	A	Consumer	7.44Y	124.0	0.00	1.96	1.20	0	8	3	94	0.00	0.0	2.110	0.000	8	3	1	1
509506	PL.12245	A	Consumer	7.44Y	124.0	0.00	1.96	0.82	0	6	2	95	0.00	0.0	2.110	0.000	6	2	1	1
509504	PL.12245	C	Consumer	7.44Y	124.0	0.00	1.97	0.23	0	2	1	89	0.00	0.0	2.110	0.000	2	1	1	1
5095010	PL.12245	A	Consumer	7.44Y	124.0	0.00	1.96	0.39	0	3	1	95	0.00	0.0	2.110	0.000	3	1	1	1

Unbalanced Voltage Drop Report
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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.7370	PL.12719	C	4ACSR	7.44Y	124.0	0.00	1.96	12.45	10	87	31	94	0.00	0.0	2.064	0.005	0	0	0	17
509502	PL.7370	C	Consumer	7.44Y	124.0	0.00	1.96	1.24	0	9	3	95	0.00	0.0	2.064	0.000	9	3	1	1
PL.12242	PL.7370	C	4ACSR	7.44Y	124.0	0.02	1.98	11.21	9	79	28	94	0.01	0.0	2.108	0.044	0	0	0	16
PL.12243	PL.12242	C	4ACSR	7.44Y	124.0	0.00	1.98	0.01	0	0	0	100	0.00	0.0	2.165	0.058	0	0	0	2
PL.3213	PL.12243	C	4ACSR	7.44Y	124.0	0.00	1.98	0.01	0	0	0	100	0.00	0.0	2.263	0.097	0	0	0	2
PL.40723	PL.3213	C	4ACSR	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	2.314	0.052	0	0	0	0
507601	PL.40723	C	Consumer	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	2.314	0.000	0	0	0	0
508701	PL.3213	C	Consumer	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	2.263	0.000	0	0	1	1
PL.40724	PL.3213	C	2ACSR	7.44Y	124.0	0.00	1.98	0.01	0	0	0	100	0.00	0.0	2.359	0.096	0	0	0	1
5087002	PL.40724	C	Consumer	7.44Y	124.0	0.00	1.98	0.01	0	0	0	100	0.00	0.0	2.359	0.000	0	0	1	1
PL.19788	PL.12242	C	4ACSR	7.44Y	124.0	0.03	2.01	6.45	5	45	17	94	0.01	0.0	2.194	0.086	0	0	0	9
PL.30931	PL.19788	C	4ACSR	7.44Y	124.0	0.00	2.01	4.99	4	35	13	94	0.00	0.0	2.204	0.010	0	0	0	7
509616	PL.30931	C	Consumer	7.44Y	124.0	0.00	2.01	0.15	0	1	0	100	0.00	0.0	2.204	0.000	1	0	1	1
509623	PL.30931	C	Consumer	7.44Y	124.0	0.00	2.01	1.02	0	7	3	92	0.00	0.0	2.204	0.000	7	3	1	1
5096027	PL.30931	C	Consumer	7.44Y	124.0	0.00	2.01	0.55	0	4	1	97	0.00	0.0	2.204	0.000	4	1	1	1
509614	PL.30931	C	Consumer	7.44Y	124.0	0.00	2.01	0.74	0	5	2	93	0.00	0.0	2.204	0.000	5	2	1	1
PL.30932	PL.30931	C	4ACSR	7.44Y	124.0	0.00	2.01	2.53	2	18	6	95	0.00	0.0	2.216	0.012	0	0	0	3
509605	PL.30932	C	Consumer	7.44Y	124.0	0.00	2.01	0.05	0	0	0	100	0.00	0.0	2.216	0.000	0	0	1	1
509613	PL.30932	C	Consumer	7.44Y	124.0	0.00	2.01	0.98	0	7	2	96	0.00	0.0	2.216	0.000	7	2	1	1
509621	PL.30932	C	Consumer	7.44Y	124.0	0.00	2.01	1.50	0	11	4	94	0.00	0.0	2.216	0.000	11	4	1	1
509608	PL.19788	C	Consumer	7.44Y	124.0	0.00	2.01	0.51	0	4	1	97	0.00	0.0	2.194	0.000	4	1	1	1
509624	PL.19788	C	Consumer	7.44Y	124.0	0.00	2.01	0.96	0	7	2	96	0.00	0.0	2.194	0.000	7	2	1	1
PL.7373	PL.12242	C	4ACSR	7.44Y	124.0	0.01	1.99	4.64	4	33	11	95	0.00	0.0	2.144	0.036	0	0	0	4
508504	PL.7373	C	Consumer	7.44Y	124.0	0.00	1.99	0.73	0	5	2	93	0.00	0.0	2.144	0.000	5	2	1	1
PL.5796	PL.7373	C	4ACSR	7.44Y	124.0	0.00	1.99	3.91	3	27	10	94	0.00	0.0	2.166	0.022	0	0	0	3
508501	PL.5796	C	Consumer	7.44Y	124.0	0.00	1.99	1.20	0	8	3	94	0.00	0.0	2.166	0.000	8	3	1	1
508503	PL.5796	C	Consumer	7.44Y	124.0	0.00	1.99	1.72	0	12	4	95	0.00	0.0	2.166	0.000	12	4	1	1
508502	PL.5796	C	Consumer	7.44Y	124.0	0.00	1.99	0.99	0	7	2	96	0.00	0.0	2.166	0.000	7	2	1	1
509503	PL.12242	C	Consumer	7.44Y	124.0	0.00	1.98	0.11	0	1	0	100	0.00	0.0	2.108	0.000	1	0	1	1
508403	PL.12717	B	Consumer	7.50Y	125.0	0.00	1.01	0.19	0	1	0	100	0.00	0.0	1.965	0.000	1	0	1	1
508412	PL.12717	B	Consumer	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	1.965	0.000	0	0	1	1
PL.3211	PL.15803	A	4ACSR	7.44Y	124.0	0.01	1.95	1.55	1	11	4	94	0.00	0.0	1.971	0.086	0	0	0	2
508405	PL.3211	A	Consumer	7.44Y	124.0	0.00	1.95	0.46	0	3	1	95	0.00	0.0	1.971	0.000	3	1	1	1
508406	PL.3211	A	Consumer	7.44Y	124.0	0.00	1.95	1.10	0	8	3	94	0.00	0.0	1.971	0.000	8	3	1	1
PL.3212	PL.15803	A	4ACSR	7.44Y	124.1	0.00	1.95	0.00	0	0	0	100	0.00	0.0	1.928	0.042	0	0	0	0
507316	PL.15805	C	Consumer	7.45Y	124.1	0.00	1.88	2.00	0	14	5	94	0.00	0.0	1.815	0.000	14	5	1	1
507304	PL.15805	C	Consumer	7.45Y	124.1	0.00	1.88	1.03	0	7	3	92	0.00	0.0	1.815	0.000	7	3	1	1
507315	PL.15805	C	Consumer	7.45Y	124.1	0.00	1.88	0.57	0	4	1	97	0.00	0.0	1.815	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 507308, 507325, 507317, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
629001	PL.30976	B	Consumer	7.50Y	125.0	0.00	1.02	3.81	0	26	12	91	0.00	0.0	1.611	0.000	26	12	1	1
PL.12701	PL.20560	A	4/0ACSR	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	1.684	0.134	0	0	0	0
		B		7.50Y	125.0	0.00	0.98	0.12	0	1	0	94					0	0	0	1
		C		7.47Y	124.5	-0.00	1.49	0.00	0	0	0	100					0	0	0	0
620001	PL.12701	B	Consumer	7.50Y	125.0	0.00	0.98	0.12	0	1	0	100	0.00	0.0	1.684	0.000	1	0	1	1
PL.3861	PL.21159	C	1/0EPRJCN	7.47Y	124.5	0.00	1.49	1.62	1	11	5	91	0.00	0.0	1.560	0.040	0	0	0	2
629005	PL.3861	C	Consumer	7.47Y	124.5	0.00	1.49	1.63	0	11	5	91	0.00	0.0	1.560	0.000	0	0	1	2
6290007	629005	C	Consumer	7.47Y	124.5	0.00	1.49	1.63	0	11	5	91	0.00	0.0	1.560	0.000	11	5	1	1
628021	PL.28983	B	Consumer	7.50Y	125.0	0.00	0.96	2.87	0	19	9	90	0.00	0.0	1.487	0.000	19	9	1	1
628023	PL.28982	A	Consumer	7.47Y	124.5	0.00	1.48	3.54	0	22	14	84	0.00	0.0	1.479	0.000	22	14	0	0
		B		7.50Y	125.0	0.00	0.96	3.52	0	22	14	85					22	14	0	0
		C		7.47Y	124.5	0.00	1.50	3.54	0	22	14	85					22	14	0	0
PL.24337	PL.12699	C	4ACSR	7.47Y	124.5	0.00	1.50	0.89	1	6	2	95	0.00	0.0	1.503	0.057	0	0	0	1
628008	PL.24337	C	Consumer	7.47Y	124.5	0.00	1.50	0.89	0	6	2	95	0.00	0.0	1.503	0.000	6	2	1	1
628001	PL.12702	C	Consumer	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	1.412	0.000	0	0	1	1
628017	PL.12702	C	Consumer	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	1.412	0.000	0	0	0	0
PL.38915	PL.16212	C	4ACSR	7.47Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	1.349	0.003	0	0	0	0
PD.6767	PL.38915	C	fuse6AMP	7.47Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	1.349	0.000	0	0	0	0
PL.38916	PD.6767	C	4ACSR	7.47Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	1.408	0.060	0	0	0	0
627003	PL.16212	C	Consumer	7.47Y	124.6	0.00	1.44	0.40	0	3	1	95	0.00	0.0	1.346	0.000	3	1	1	1
627007	PL.16212	C	Consumer	7.47Y	124.6	0.00	1.44	0.54	0	4	1	97	0.00	0.0	1.346	0.000	4	1	1	1
627001	PL.16212	C	Consumer	7.47Y	124.6	0.00	1.44	0.23	0	2	1	89	0.00	0.0	1.346	0.000	2	1	1	1
627008	PL.16212	C	Consumer	7.47Y	124.6	0.00	1.44	0.51	0	4	1	97	0.00	0.0	1.346	0.000	4	1	1	1
PL.38917	PL.12703	C	4ACSR	7.48Y	124.6	0.00	1.40	0.94	1	7	2	96	0.00	0.0	1.309	0.002	0	0	0	1
PD.6768	PL.38917	C	fuse6AMP	7.48Y	124.6	0.00	1.40	0.94	16	7	2	96	0.00	0.0	1.309	0.000	0	0	0	1
PL.38918	PD.6768	C	4ACSR	7.48Y	124.6	0.00	1.40	0.94	1	7	2	96	0.00	0.0	1.371	0.062	0	0	0	1
625901	PL.38918	C	Consumer	7.48Y	124.6	0.00	1.40	0.94	0	7	2	96	0.00	0.0	1.371	0.000	7	2	1	1
626003	PL.12705	C	Consumer	7.48Y	124.7	0.00	1.33	0.00	0	0	0	100	0.00	0.0	1.233	0.000	0	0	0	0
626005	PL.12705	C	Consumer	7.48Y	124.7	0.00	1.33	0.00	0	0	0	100	0.00	0.0	1.233	0.000	0	0	0	0
626008	PL.12705	C	Consumer	7.48Y	124.7	0.00	1.33	0.64	0	5	2	93	0.00	0.0	1.233	0.000	5	2	1	1
626010	PL.12705	C	Consumer	7.48Y	124.7	0.00	1.33	0.91	0	6	2	95	0.00	0.0	1.233	0.000	6	2	1	1
626002	PL.12705	C	Consumer	7.48Y	124.7	0.00	1.33	0.42	0	3	1	95	0.00	0.0	1.233	0.000	3	1	1	1
625005	PL.12705	C	Consumer	7.48Y	124.7	0.00	1.33	0.00	0	0	0	100	0.00	0.0	1.233	0.000	0	0	0	0
626004	PL.12705	C	Consumer	7.48Y	124.7	0.00	1.33	0.74	0	5	2	93	0.00	0.0	1.233	0.000	5	2	1	1
PL.38919	PL.12705	C	4ACSR	7.48Y	124.7	0.00	1.33	0.00	0	0	0	100	0.00	0.0	1.236	0.003	0	0	0	0
PD.6769	PL.38919	C	fuse6AMP	7.48Y	124.7	0.00	1.33	0.00	0	0	0	100	0.00	0.0	1.236	0.000	0	0	0	0
PL.38920	PD.6769	C	4ACSR	7.48Y	124.7	0.00	1.33	0.00	0	0	0	100	0.00	0.0	1.301	0.065	0	0	0	0
625003	PL.12704	C	Consumer	7.48Y	124.7	0.00	1.28	0.95	0	7	2	96	0.00	0.0	1.186	0.000	7	2	1	1
PL.16213	PL.12706	C	4ACSR	7.49Y	124.8	0.00	1.16	0.81	1	6	2	95	0.00	0.0	1.068	0.005	0	0	0	1
PD.2922	PL.16213	C	fuse6AMP	7.49Y	124.8	0.00	1.16	0.81	14	6	2	95	0.00	0.0	1.068	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, 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
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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. Rows include various elements like 0194125, PL.45428, PL.45429, PL.42345, 019587, PL.12922, PL.17130, PD.154-A, PD.154-B, PL.17131, PL.12923, PL.12924, PL.12919, PL.12920, PL.12921, 019551, PL.12933, PL.29514, PD.1934, PL.29515, 019515, 019583, 019504, 019512.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	% PF	kW Loss			% Loss	KW			KVAR
PL.12935	PL.12933	A	336ACSR	7.53Y	125.5	0.03	0.47	23.26	5	165	58	94	0.17	0.0	1.255	0.104	0	0	0	30
		B		7.45Y	124.2	0.07	1.80	64.36	15	451	163	94					0	0	0	119
		C		7.50Y	125.0	-0.01	0.96	20.29	5	143	52	94					0	0	0	26
019565	PL.12935	A	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	1.255	0.000	0	0	0	0
019522	PL.12935	C	Consumer	7.50Y	125.0	0.00	0.96	0.73	0	5	2	93	0.00	0.0	1.255	0.000	5	2	1	1
0195093	PL.12935	C	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	1.255	0.000	0	0	1	1
019577	PL.12935	B	Consumer	7.45Y	124.2	0.00	1.80	0.37	0	3	1	95	0.00	0.0	1.255	0.000	3	1	1	1
PL.12936	PL.12935	A	336ACSR	7.53Y	125.5	0.00	0.47	23.26	5	165	58	94	0.00	0.0	1.255	0.000	0	0	0	30
		B		7.45Y	124.2	0.00	1.80	63.99	14	449	162	94					0	0	0	118
		C		7.50Y	125.0	0.00	0.96	19.56	4	138	50	94					0	0	0	24
PL.12934	PL.12936	A	336ACSR	7.53Y	125.5	0.01	0.48	23.26	5	165	58	94	0.04	0.0	1.278	0.023	0	0	0	30
		B		7.45Y	124.2	0.02	1.81	63.99	14	449	162	94					0	0	0	118
		C		7.50Y	125.0	-0.00	0.96	19.56	4	138	50	94					0	0	0	24
PL.27766	PL.12934	A	4ACSR	7.53Y	125.5	0.01	0.49	23.26	20	165	58	94	0.03	0.0	1.284	0.006	0	0	0	30
		B		7.45Y	124.2	0.01	1.82	37.78	32	264	97	94					0	0	0	79
		C		7.50Y	125.0	0.00	0.96	19.56	16	138	50	94					0	0	0	24
PL.27767	PL.27766	A	336ACSR	7.53Y	125.5	0.01	0.50	23.26	5	165	58	94	0.03	0.0	1.327	0.043	0	0	0	30
		B		7.45Y	124.2	0.02	1.84	37.78	9	264	97	94					0	0	0	79
		C		7.50Y	125.0	0.00	0.97	19.56	4	138	50	94					0	0	0	24
019503	PL.27767	B	Consumer	7.45Y	124.2	0.00	1.84	0.12	0	1	0	100	0.00	0.0	1.327	0.000	1	0	1	1
019540	PL.27767	B	Consumer	7.45Y	124.2	0.00	1.84	0.55	0	4	1	97	0.00	0.0	1.327	0.000	4	1	1	1
019564	PL.27767	A	Consumer	7.53Y	125.5	0.00	0.50	0.11	0	1	0	100	0.00	0.0	1.327	0.000	1	0	1	1
019516	PL.27767	B	Consumer	7.45Y	124.2	0.00	1.84	0.64	0	5	2	93	0.00	0.0	1.327	0.000	5	2	1	1
019502	PL.27767	B	Consumer	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	1.327	0.000	0	0	1	1
019576	PL.27767	B	Consumer	7.45Y	124.2	0.00	1.84	0.04	0	0	0	100	0.00	0.0	1.327	0.000	0	0	1	1
PL.45400	PL.27767	A	2ACSR	7.53Y	125.5	0.00	0.50	0.06	0	0	0	100	0.00	0.0	1.378	0.052	0	0	0	1
PL.45401	PL.45400	A	2ACSR	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.421	0.042	0	0	0	0
0195094	PL.45401	A	Consumer	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.421	0.000	0	0	0	0
019513	PL.45400	A	Consumer	7.53Y	125.5	0.00	0.50	0.06	0	0	0	100	0.00	0.0	1.378	0.000	0	0	1	1
PL.43535	PL.27767	A	336ACSR	7.53Y	125.5	0.01	0.51	23.09	5	164	58	94	0.03	0.0	1.366	0.040	0	0	0	28
		B		7.45Y	124.1	0.01	1.85	36.44	8	255	93	94					0	0	0	74
		C		7.50Y	125.0	0.00	0.97	19.56	4	138	50	94					0	0	0	24
PD.8583	PL.43535	A	70V4E	7.53Y	125.5	0.00	0.51	23.09	33	164	57	94	0.00	0.0	1.366	0.000	0	0	0	28
		B		7.45Y	124.1	0.00	1.85	36.44	52	255	93	94					0	0	0	74
		C		7.50Y	125.0	0.00	0.97	19.56	28	138	50	94					0	0	0	24
PL.43536	PD.8583	A	336ACSR	7.53Y	125.5	0.04	0.55	23.09	5	164	57	94	0.12	0.0	1.550	0.183	0	0	0	28
		B		7.45Y	124.1	0.06	1.91	36.44	8	255	93	94					0	0	0	74
		C		7.50Y	125.0	0.01	0.98	19.56	4	138	50	94					0	0	0	24
PL.42281	PL.43536	A	336ACSR	7.52Y	125.4	0.04	0.59	22.33	5	159	56	94	0.10	0.0	1.716	0.166	0	0	0	27
		B		7.44Y	124.0	0.06	1.97	36.13	8	253	92	94					0	0	0	73
		C		7.50Y	125.0	0.01	0.99	19.56	4	138	50	94					0	0	0	24
PL.42286	PL.42281	C	4ACSR	7.50Y	125.0	0.00	0.99	1.98	2	14	5	94	0.00	0.0	1.722	0.006	0	0	0	2
PD.1938	PL.42286	C	fuse6AMP	7.50Y	125.0	0.00	0.99	1.98	34	14	5	94	0.00	0.0	1.722	0.000	0	0	0	2
PL.42287	PD.1938	C	4ACSR	7.50Y	125.0	0.01	0.99	1.98	2	14	5	94	0.00	0.0	1.783	0.062	0	0	0	2
018570	PL.42287	C	Consumer	7.50Y	125.0	0.00	0.99	0.76	0	5	2	93	0.00	0.0	1.783	0.000	5	2	1	1
018566	PL.42287	C	Consumer	7.50Y	125.0	0.00	0.99	1.22	0	9	3	95	0.00	0.0	1.783	0.000	9	3	1	1
018565	PL.42281	A	Consumer	7.52Y	125.4	0.00	0.59	0.00	0	0	0	100	0.00	0.0	1.716	0.000	0	0	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 data for various elements like 0185086, PL.42284, PD.7677, etc.

Unbalanced Voltage Drop Report
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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-----					
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF			kW Loss	% Loss	KW	KVAR	Cons On	Cons Thru
018522	PL.12948	A	Consumer	7.52Y	125.3	0.00	0.70	0.27	0	2	1	89	0.00	0.0	2.208	0.000	2	1	1	1
018501	PL.12948	A	Consumer	7.52Y	125.3	0.00	0.70	1.95	0	14	5	94	0.00	0.0	2.208	0.000	14	5	1	1
0185087	PL.12948	A	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	2.208	0.000	0	0	0	0
PL.12949	PL.12948	A	336ACSR	7.52Y	125.3	0.00	0.70	4.75	1	34	12	94	0.01	0.0	2.228	0.021	0	0	0	5
		B		7.43Y	123.9	0.01	2.15	35.44	8	248	89	94					0	0	0	72
		C		7.50Y	125.1	-0.00	0.92	4.60	1	32	12	94					0	0	0	6
PL.1693	PL.12949	A	4ACSR	7.52Y	125.3	0.00	0.70	0.54	0	4	1	97	0.00	0.0	2.366	0.137	0	0	0	1
018572	PL.1693	A	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	2.366	0.000	0	0	0	0
PL.33973	PL.1693	A	2ACSR	7.52Y	125.3	0.00	0.71	0.54	0	4	1	97	0.00	0.0	2.445	0.079	0	0	0	1
0185083	PL.33973	A	Consumer	7.52Y	125.3	0.00	0.71	0.54	0	4	1	97	0.00	0.0	2.445	0.000	4	1	1	1
PL.12950	PL.12949	A	336ACSR	7.52Y	125.3	0.00	0.71	4.20	1	30	10	95	0.02	0.0	2.264	0.036	0	0	0	4
		B		7.43Y	123.8	0.01	2.16	35.44	8	248	89	94					0	0	0	72
		C		7.51Y	125.1	-0.01	0.92	4.60	1	32	12	94					0	0	0	6
PL.17125	PL.12950	C	4ACSR	7.50Y	125.1	0.00	0.92	4.60	4	32	12	94	0.00	0.0	2.275	0.010	0	0	0	6
PD.1944	PL.17125	C	fuse6AMP	7.50Y	125.1	0.00	0.92	4.60	78	32	12	94	0.00	0.0	2.275	0.000	0	0	0	6
PL.45353	PD.1944	C	4ACSR	7.50Y	125.1	0.01	0.93	4.60	4	32	12	94	0.00	0.0	2.312	0.037	0	0	0	6
PL.45354	PL.45353	C	4ACSR	7.50Y	125.1	0.02	0.94	4.06	3	28	11	93	0.00	0.0	2.394	0.082	0	0	0	5
PL.12951	PL.45354	C	4ACSR	7.50Y	125.0	0.01	0.95	3.15	3	22	9	93	0.00	0.0	2.462	0.068	0	0	0	4
PL.1670	PL.12951	C	4ACSR	7.50Y	125.0	0.01	0.96	2.14	2	15	6	93	0.00	0.0	2.524	0.063	0	0	0	3
PL.1669	PL.1670	C	4ACSR	7.50Y	125.0	0.00	0.96	2.14	2	15	6	93	0.00	0.0	2.566	0.041	0	0	0	3
018558	PL.1669	C	Consumer	7.50Y	125.0	0.00	0.96	0.38	0	3	1	95	0.00	0.0	2.566	0.000	3	1	1	1
018575	PL.1669	C	Consumer	7.50Y	125.0	0.00	0.96	1.06	0	7	3	92	0.00	0.0	2.566	0.000	7	3	1	1
018562	PL.1669	C	Consumer	7.50Y	125.0	0.00	0.96	0.70	0	5	2	93	0.00	0.0	2.566	0.000	5	2	1	1
PL.12952	PL.12951	C	4ACSR	7.50Y	125.0	0.00	0.95	1.01	1	7	2	96	0.00	0.0	2.549	0.088	0	0	0	1
018563	PL.12952	C	Consumer	7.50Y	125.0	0.00	0.95	1.01	0	7	2	96	0.00	0.0	2.549	0.000	7	2	1	1
PL.1679	PL.45354	C	4ACSR	7.50Y	125.1	0.00	0.95	0.92	1	6	2	95	0.00	0.0	2.507	0.113	0	0	0	1
018576	PL.1679	C	Consumer	7.50Y	125.1	0.00	0.95	0.92	0	6	2	95	0.00	0.0	2.507	0.000	6	2	1	1
018518	PL.45353	C	Consumer	7.50Y	125.1	0.00	0.93	0.53	0	4	1	97	0.00	0.0	2.312	0.000	4	1	1	1
PL.17123	PL.12950	A	4ACSR	7.52Y	125.3	0.00	0.71	4.20	4	30	10	95	0.00	0.0	2.270	0.006	0	0	0	4
PD.1943	PL.17123	A	fuse6AMP	7.52Y	125.3	0.00	0.71	4.20	72	30	10	95	0.00	0.0	2.270	0.000	0	0	0	4
PL.17124	PD.1943	A	4ACSR	7.52Y	125.3	0.01	0.72	4.20	4	30	10	95	0.00	0.0	2.321	0.050	0	0	0	4
018557	PL.17124	A	Consumer	7.52Y	125.3	0.00	0.72	0.00	0	0	0	100	0.00	0.0	2.321	0.000	0	0	1	1
018510	PL.17124	A	Consumer	7.52Y	125.3	0.00	0.72	1.78	0	13	4	96	0.00	0.0	2.321	0.000	13	4	1	1
PL.1668	PL.17124	A	4ACSR	7.52Y	125.3	0.00	0.72	2.42	2	17	6	94	0.00	0.0	2.338	0.018	0	0	0	2
PL.1671	PL.1668	A	4ACSR	7.52Y	125.3	0.00	0.72	2.42	2	17	6	94	0.00	0.0	2.370	0.032	0	0	0	2
018573	PL.1671	A	Consumer	7.52Y	125.3	0.00	0.72	1.50	0	11	4	94	0.00	0.0	2.370	0.000	11	4	1	1
PL.23754	PL.1671	A	4ACSR	7.52Y	125.3	0.00	0.73	0.91	1	6	2	95	0.00	0.0	2.489	0.119	0	0	0	1
018577	PL.23754	A	Consumer	7.52Y	125.3	0.00	0.73	0.91	0	6	2	95	0.00	0.0	2.489	0.000	6	2	1	1
PL.6104	PL.12950	B	4ACSR	7.43Y	123.8	0.08	2.24	35.44	30	248	89	94	0.14	0.1	2.312	0.048	0	0	0	72
018519	PL.6104	B	Consumer	7.43Y	123.8	0.00	2.24	0.18	0	1	0	100	0.00	0.0	2.312	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	Length (mi)	KW							KVAR			
PL.28908	PL.6104	B	4ACSR	7.43Y	123.8	0.00	2.24	35.25	30	246	89	94	0.00	0.0	2.312	0.000	0	0	0	71	
PL.28909	PL.28908	B	4ACSR	7.42Y	123.7	0.10	2.34	35.25	30	246	89	94	0.19	0.1	2.377	0.065	0	0	0	71	
018551	PL.28909	B	Consumer	7.42Y	123.7	0.00	2.34	0.26	0	2	1	89	0.00	0.0	2.377	0.000	2	1	1	1	
018509	PL.28909	B	Consumer	7.42Y	123.7	0.00	2.34	0.59	0	4	1	97	0.00	0.0	2.377	0.000	4	1	1	1	
018516	PL.28909	B	Consumer	7.42Y	123.7	0.00	2.34	1.01	0	7	2	96	0.00	0.0	2.377	0.000	7	2	1	1	
PL.12953	PL.28909	B	4ACSR	7.41Y	123.5	0.12	2.47	33.39	28	233	84	94	0.21	0.1	2.457	0.080	0	0	0	68	
PL.12954	PL.12953	B	4ACSR	7.41Y	123.5	0.05	2.51	31.88	27	222	80	94	0.08	0.0	2.490	0.034	0	0	0	65	
018539	PL.12954	B	Consumer	7.41Y	123.5	0.00	2.51	0.35	0	2	1	89	0.00	0.0	2.490	0.000	2	1	1	1	
018582	PL.12954	B	Consumer	7.41Y	123.5	0.00	2.51	0.98	0	7	2	96	0.00	0.0	2.490	0.000	7	2	1	1	
018507	PL.12954	B	Consumer	7.41Y	123.5	0.00	2.51	0.70	0	5	2	93	0.00	0.0	2.490	0.000	5	2	1	1	
018556	PL.12954	B	Consumer	7.41Y	123.5	0.00	2.51	0.82	0	6	2	95	0.00	0.0	2.490	0.000	6	2	1	1	
PL.18894	PL.12954	B	4ACSR	7.41Y	123.5	0.01	2.52	29.03	24	202	73	94	0.01	0.0	2.497	0.007	0	0	0	61	
PD.158-A	PL.18894	B	Closed	7.41Y	123.5	0.00	2.52	29.03	0	202	73	94	0.00	0.0	2.497	0.000	0	0	0	61	
PD.158-B	PD.158-A	B	Closed	7.41Y	123.5	0.00	2.52	29.03	0	202	73	94	0.00	0.0	2.497	0.000	0	0	0	61	
PL.18895	PD.158-B	B	4ACSR	7.41Y	123.4	0.04	2.57	29.03	24	202	73	94	0.07	0.0	2.530	0.033	0	0	0	61	
PL.12955	PL.18895	B	4ACSR	7.40Y	123.3	0.17	2.74	27.74	23	193	70	94	0.25	0.1	2.668	0.138	0	0	0	57	
017508	PL.12955	B	Consumer	7.40Y	123.3	0.00	2.74	0.59	0	4	1	97	0.00	0.0	2.668	0.000	4	1	1	1	
PL.12956	PL.12955	B	4ACSR	7.39Y	123.2	0.05	2.79	27.15	23	189	68	94	0.07	0.0	2.709	0.041	0	0	0	56	
PL.6106	PL.12956	B	4ACSR	7.39Y	123.2	0.03	2.83	26.13	22	182	66	94	0.04	0.0	2.736	0.027	0	0	0	54	
017531	PL.6106	B	Consumer	7.39Y	123.2	0.00	2.83	0.47	0	3	1	95	0.00	0.0	2.736	0.000	3	1	1	1	
017501	PL.6106	B	Consumer	7.39Y	123.2	0.00	2.83	0.34	0	2	1	89	0.00	0.0	2.736	0.000	2	1	1	1	
PL.18741	PL.6106	B	4ACSR	7.39Y	123.2	0.00	2.83	1.35	1	9	3	95	0.00	0.0	2.749	0.013	0	0	0	3	
PD.1945	PL.18741	B	fuse6AMP	7.39Y	123.2	0.00	2.83	1.35	23	9	3	95	0.00	0.0	2.749	0.000	0	0	0	3	
PL.18742	PD.1945	B	4ACSR	7.39Y	123.2	0.00	2.83	1.35	1	9	3	95	0.00	0.0	2.795	0.046	0	0	0	3	
017522	PL.18742	B	Consumer	7.39Y	123.2	0.00	2.83	0.50	0	4	1	97	0.00	0.0	2.795	0.000	4	1	1	1	
017520	PL.18742	B	Consumer	7.39Y	123.2	0.00	2.83	0.80	0	6	2	95	0.00	0.0	2.795	0.000	6	2	1	1	
017527	PL.18742	B	Consumer	7.39Y	123.2	0.00	2.83	0.04	0	0	0	100	0.00	0.0	2.795	0.000	0	0	1	1	
PL.12957	PL.6106	B	4ACSR	7.39Y	123.1	0.03	2.85	20.09	17	139	51	94	0.03	0.0	2.768	0.032	0	0	0	41	
PL.12958	PL.12957	B	4ACSR	7.38Y	123.1	0.08	2.94	20.09	17	139	51	94	0.09	0.1	2.861	0.093	0	0	0	41	
017509	PL.12958	B	Consumer	7.38Y	123.1	0.00	2.94	0.72	0	5	2	93	0.00	0.0	2.861	0.000	5	2	1	1	
PL.6105	PL.12958	B	4ACSR	7.38Y	123.0	0.03	2.97	19.37	16	134	49	94	0.03	0.0	2.895	0.034	0	0	0	40	
PL.19923	PL.6105	B	4ACSR	7.38Y	123.0	0.05	3.02	17.80	15	123	46	94	0.04	0.0	2.952	0.057	0	0	0	37	
PD.3369	PL.19923	B	50V4E	7.38Y	123.0	0.00	3.02	17.80	36	123	46	94	0.00	0.0	2.952	0.000	0	0	0	37	
PL.20323	PD.3369	B	4ACSR	7.38Y	123.0	0.00	3.02	17.80	15	123	46	94	0.00	0.0	2.958	0.006	0	0	0	37	
017503	PL.20323	B	Consumer	7.38Y	123.0	0.00	3.02	0.55	0	4	1	97	0.00	0.0	2.958	0.000	4	1	1	1	
PL.12959	PL.20323	B	4ACSR	7.37Y	122.9	0.06	3.08	17.25	14	119	44	94	0.06	0.0	3.038	0.080	0	0	0	36	
PL.33876	PL.12959	B	4ACSR	7.37Y	122.8	0.07	3.16	12.42	10	86	30	94	0.05	0.1	3.166	0.127	0	0	0	29	
PL.33877	PL.33876	B	4ACSR	7.37Y	122.8	0.06	3.22	12.36	10	86	30	94	0.04	0.0	3.274	0.109	0	0	0	28	

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
017545	PL.33877	B	Consumer	7.37Y	122.8	0.00	3.22	0.99	0	7	2	96	0.00	0.0	3.274	0.000	7	2	1	1
PL.6133	PL.33877	B	4ACSR	7.36Y	122.7	0.04	3.26	11.37	10	79	28	94	0.02	0.0	3.347	0.073	0	0	0	27
PL.6109	PL.6133	B	4ACSR	7.36Y	122.7	0.04	3.30	11.37	10	79	28	94	0.03	0.0	3.431	0.084	0	0	0	27
017524	PL.6109	B	Consumer	7.36Y	122.7	0.00	3.30	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	3.30	0.41	0	3	1	95	0.00	0.0	3.431	0.000	3	1	1	1
PL.12961	PL.6109	B	4ACSR	7.36Y	122.7	0.03	3.33	10.96	9	76	27	94	0.02	0.0	3.495	0.064	0	0	0	26
PL.12962	PL.12961	B	4ACSR	7.36Y	122.6	0.02	3.35	10.96	9	76	27	94	0.01	0.0	3.541	0.046	0	0	0	26
PL.33768	PL.12962	B	4ACSR	7.36Y	122.6	0.00	3.35	0.06	0	0	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	3.35	0.06	1	0	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	3.35	0.06	0	0	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	3.35	0.06	0	0	0	100	0.00	0.0	3.647	0.000	0	0	1	1
017539	PL.12962	B	Consumer	7.36Y	122.6	0.00	3.35	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	3.35	0.50	0	3	1	95	0.00	0.0	3.541	0.000	3	1	1	1
017526	PL.12962	B	Consumer	7.36Y	122.6	0.00	3.35	0.00	0	0	0	100	0.00	0.0	3.541	0.000	0	0	0	0
PL.33766	PL.12962	B	4ACSR	7.36Y	122.6	0.00	3.35	1.30	1	9	3	95	0.00	0.0	3.552	0.012	0	0	0	3
PD.4030	PL.33766	B	fuse6AMP	7.36Y	122.6	0.00	3.35	1.30	22	9	3	95	0.00	0.0	3.552	0.000	0	0	0	3
PL.33767	PD.4030	B	4ACSR	7.36Y	122.6	0.00	3.36	1.30	1	9	3	95	0.00	0.0	3.598	0.046	0	0	0	3
017544	PL.33767	B	Consumer	7.36Y	122.6	0.00	3.36	0.61	0	4	1	97	0.00	0.0	3.598	0.000	4	1	1	1
017512	PL.33767	B	Consumer	7.36Y	122.6	0.00	3.36	0.40	0	3	1	95	0.00	0.0	3.598	0.000	3	1	1	1
017519	PL.33767	B	Consumer	7.36Y	122.6	0.00	3.36	0.29	0	2	1	89	0.00	0.0	3.598	0.000	2	1	1	1
PL.19201	PL.12962	B	4ACSR	7.36Y	122.6	0.02	3.38	9.10	8	63	22	94	0.01	0.0	3.597	0.057	0	0	0	21
PL.19202	PL.19201	B	4ACSR	7.36Y	122.6	0.02	3.40	9.10	8	63	22	94	0.01	0.0	3.641	0.044	0	0	0	21
017550	PL.19202	B	Consumer	7.36Y	122.6	0.00	3.40	0.44	0	3	1	95	0.00	0.0	3.641	0.000	3	1	1	1
017506	PL.19202	B	Consumer	7.36Y	122.6	0.00	3.40	0.62	0	4	1	97	0.00	0.0	3.641	0.000	4	1	1	1
PL.6111	PL.19202	B	4ACSR	7.35Y	122.6	0.02	3.42	6.11	5	42	15	94	0.01	0.0	3.725	0.084	0	0	0	16
PL.33772	PL.6111	B	4ACSR	7.35Y	122.6	0.00	3.42	0.36	0	2	1	89	0.00	0.0	3.733	0.008	0	0	0	1
PD.4033	PL.33772	B	fuse6AMP	7.35Y	122.6	0.00	3.42	0.36	6	2	1	89	0.00	0.0	3.733	0.000	0	0	0	1
PL.33773	PD.4033	B	4ACSR	7.35Y	122.6	0.00	3.42	0.36	0	2	1	89	0.00	0.0	3.771	0.038	0	0	0	1
PL.434	PL.33773	B	4ACSR	7.35Y	122.6	0.00	3.42	0.36	0	2	1	89	0.00	0.0	3.906	0.134	0	0	0	1
PL.435	PL.434	B	4ACSR	7.35Y	122.6	0.00	3.42	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	122.6	0.00	3.42	0.36	0	2	1	89	0.00	0.0	3.906	0.000	2	1	1	1
PL.69	PL.6111	B	4ACSR	7.35Y	122.6	0.02	3.44	5.75	5	40	14	94	0.01	0.0	3.793	0.069	0	0	0	15
PL.64	PL.69	B	4ACSR	7.35Y	122.5	0.02	3.46	5.75	5	40	14	94	0.01	0.0	3.871	0.078	0	0	0	15
PL.5871	PL.64	B	4ACSR	7.35Y	122.5	0.01	3.47	4.60	4	32	11	95	0.00	0.0	3.914	0.043	0	0	0	11
016652	PL.5871	B	Consumer	7.35Y	122.5	0.00	3.47	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	122.5	0.03	3.49	4.60	4	32	11	95	0.01	0.0	4.037	0.123	0	0	0	11
PL.39617	PL.5872	B	2ACSR	7.35Y	122.5	0.00	3.49	1.30	1	9	3	95	0.00	0.0	4.071	0.034	0	0	0	3
016629	PL.39617	B	Consumer	7.35Y	122.5	0.00	3.49	0.46	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\SUMMER\PROPOSED SUMMER 06-10 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	122.5	0.00	3.49	0.05	0	0	0	100	0.00	0.0	4.071	0.000	0	0	1	1
PL.39618	PL.39617	B	2ACSR	7.35Y	122.5	0.00	3.49	0.80	1	6	2	95	0.00	0.0	4.100	0.029	0	0	0	1
016630	PL.39618	B	Consumer	7.35Y	122.5	0.00	3.49	0.80	0	6	2	95	0.00	0.0	4.100	0.000	0	0	0	1
016646	016630	B	Consumer	7.35Y	122.5	0.00	3.49	0.80	0	6	2	95	0.00	0.0	4.100	0.000	6	2	1	1
016619	PL.5872	B	Consumer	7.35Y	122.5	0.00	3.49	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	122.5	0.00	3.49	0.85	0	6	2	95	0.00	0.0	4.037	0.000	6	2	1	1
016611	PL.5872	B	Consumer	7.35Y	122.5	0.00	3.49	0.00	0	0	0	100	0.00	0.0	4.037	0.000	0	0	1	1
016621	PL.5872	B	Consumer	7.35Y	122.5	0.00	3.49	0.63	0	4	2	89	0.00	0.0	4.037	0.000	4	2	1	1
016631	PL.5872	B	Consumer	7.35Y	122.5	0.00	3.49	0.13	0	1	0	100	0.00	0.0	4.037	0.000	1	0	1	1
016635	PL.5872	B	Consumer	7.35Y	122.5	0.00	3.49	0.56	0	4	1	97	0.00	0.0	4.037	0.000	4	1	1	1
PL.5854	PL.5872	B	4ACSR	7.35Y	122.5	0.01	3.50	1.13	1	8	3	94	0.00	0.0	4.135	0.098	0	0	0	3
016645	PL.5854	B	Consumer	7.35Y	122.5	0.00	3.50	0.40	0	3	1	95	0.00	0.0	4.135	0.000	3	1	1	1
016647	PL.5854	B	Consumer	7.35Y	122.5	0.00	3.50	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	122.5	0.00	3.50	0.73	1	5	2	93	0.00	0.0	4.194	0.059	0	0	0	2
PL.12964	PL.12963	B	4ACSR	7.35Y	122.5	0.00	3.50	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	122.5	0.00	3.50	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	122.5	0.00	3.50	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	122.5	0.00	3.50	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	122.5	0.00	3.50	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	122.5	0.00	3.50	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	122.5	0.00	3.50	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	122.5	0.00	3.50	0.69	0	5	2	93	0.00	0.0	4.194	0.000	5	2	1	1
016620	PL.64	B	Consumer	7.35Y	122.5	0.00	3.46	0.00	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	3.46	0.25	0	2	1	89	0.00	0.0	3.871	0.000	2	1	1	1
016607	PL.64	B	Consumer	7.35Y	122.5	0.00	3.46	0.37	0	3	1	95	0.00	0.0	3.871	0.000	3	1	1	1
016608	PL.64	B	Consumer	7.35Y	122.5	0.00	3.46	0.53	0	4	1	97	0.00	0.0	3.871	0.000	4	1	1	1
016617	PL.64	B	Consumer	7.35Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	3.871	0.000	0	0	0	0
PL.18473	PL.19202	B	4ACSR	7.36Y	122.6	0.00	3.40	1.93	2	13	5	93	0.00	0.0	3.648	0.006	0	0	0	3
PD.159-A	PL.18473	B	Closed	7.36Y	122.6	0.00	3.40	1.93	0	13	5	93	0.00	0.0	3.648	0.000	0	0	0	3
PD.159-B	PD.159-A	B	Closed	7.36Y	122.6	0.00	3.40	1.93	0	13	5	93	0.00	0.0	3.648	0.000	0	0	0	3
PL.33770	PD.159-B	B	4ACSR	7.36Y	122.6	0.00	3.40	1.93	2	13	5	93	0.00	0.0	3.654	0.007	0	0	0	3
PD.4032	PL.33770	B	fuse6AMP	7.36Y	122.6	0.00	3.40	1.93	33	13	5	93	0.00	0.0	3.654	0.000	0	0	0	3
PL.33771	PD.4032	B	4ACSR	7.36Y	122.6	0.00	3.40	1.93	2	13	5	93	0.00	0.0	3.711	0.056	0	0	0	3
017538	PL.33771	B	Consumer	7.36Y	122.6	0.00	3.40	0.53	0	4	1	97	0.00	0.0	3.711	0.000	4	1	1	1
017514	PL.33771	B	Consumer	7.36Y	122.6	0.00	3.40	0.80	0	6	2	95	0.00	0.0	3.711	0.000	6	2	1	1
017530	PL.33771	B	Consumer	7.36Y	122.6	0.00	3.40	0.00	0	0	0	100	0.00	0.0	3.711	0.000	0	0	0	0
017542	PL.33771	B	Consumer	7.36Y	122.6	0.00	3.40	0.60	0	4	1	97	0.00	0.0	3.711	0.000	4	1	1	1
017518	PL.19201	B	Consumer	7.36Y	122.6	0.00	3.38	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\SUMMER\PROPOSED SUMMER 06-10 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	122.7	0.00	3.33	0.00	0	0	0	100	0.00	0.0	3.556	0.061	0	0	0	0
017535	PL.6133	B	Consumer	7.36Y	122.7	0.00	3.26	0.00	0	0	0	100	0.00	0.0	3.347	0.000	0	0	0	0
0175055	PL.33876	B	Consumer	7.37Y	122.8	0.00	3.16	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	122.8	0.00	3.16	0.06	0	0	0	100	0.00	0.0	3.166	0.000	0	0	1	1
PL.33764	PL.12959	B	4ACSR	7.37Y	122.9	0.00	3.09	4.84	4	33	14	92	0.00	0.0	3.046	0.008	0	0	0	7
C PD.4029	PL.33764	B	fuse6AMP	7.37Y	122.9	0.00	3.09	4.84	83	33	14	92	0.00	0.0	3.046	0.000	0	0	0	7 C
PL.45230	PD.4029	B	4ACSR	7.37Y	122.9	0.00	3.09	4.84	4	33	14	92	0.00	0.0	3.053	0.007	0	0	0	7
PL.45231	PL.45230	B	4ACSR	7.37Y	122.9	0.01	3.09	2.90	2	19	9	90	0.00	0.0	3.093	0.040	0	0	0	3
PL.1673	PL.45231	B	4ACSR	7.37Y	122.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	3.145	0.052	0	0	0	0
PL.1674	PL.1673	B	4ACSR	7.37Y	122.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	3.190	0.045	0	0	0	0
017546	PL.1674	B	Consumer	7.37Y	122.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	3.190	0.000	0	0	0	0
PL.6107	PL.45231	B	4ACSR	7.37Y	122.9	0.00	3.10	2.90	2	19	9	90	0.00	0.0	3.115	0.022	0	0	0	3
017504	PL.6107	B	Consumer	7.37Y	122.9	0.00	3.10	0.45	0	3	1	95	0.00	0.0	3.115	0.000	3	1	1	1
PL.6108	PL.6107	B	4ACSR	7.37Y	122.9	0.00	3.10	2.46	2	16	8	89	0.00	0.0	3.148	0.033	0	0	0	2
PL.42299	PL.6108	B	2ACSR	7.37Y	122.9	0.04	3.14	2.46	2	16	8	89	0.00	0.0	3.595	0.447	0	0	0	2
0175054	PL.42299	B	Consumer	7.37Y	122.9	0.00	3.14	0.78	0	5	3	86	0.00	0.0	3.595	0.000	5	3	1	1
0175056	0175054	B	Consumer	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	3.595	0.000	0	0	0	0
017510	PL.42299	B	Consumer	7.37Y	122.9	0.00	3.14	1.68	0	11	5	91	0.00	0.0	3.595	0.000	11	5	1	1
PL.45229	PL.45230	B	4ACSR	7.37Y	122.9	0.01	3.10	1.94	2	13	5	93	0.00	0.0	3.146	0.093	0	0	0	4
017534	PL.45229	B	Consumer	7.37Y	122.9	0.00	3.10	0.34	0	2	1	89	0.00	0.0	3.146	0.000	2	1	1	1
017523	PL.45229	B	Consumer	7.37Y	122.9	0.00	3.10	0.55	0	4	1	97	0.00	0.0	3.146	0.000	4	1	1	1
017540	PL.45229	B	Consumer	7.37Y	122.9	0.00	3.10	0.53	0	4	1	97	0.00	0.0	3.146	0.000	4	1	1	1
017532	PL.45229	B	Consumer	7.37Y	122.9	0.00	3.10	0.51	0	4	1	97	0.00	0.0	3.146	0.000	4	1	1	1
PL.1683	PL.6105	B	4ACSR	7.38Y	123.0	0.00	2.97	0.61	1	4	1	97	0.00	0.0	2.943	0.048	0	0	0	1
017525	PL.1683	B	Consumer	7.38Y	123.0	0.00	2.97	0.61	0	4	1	97	0.00	0.0	2.943	0.000	4	1	1	1
PL.20723	PL.6105	B	4ACSR	7.38Y	123.0	0.00	2.97	0.96	1	7	2	96	0.00	0.0	2.917	0.022	0	0	0	2
PD.3475	PL.20723	B	fuse6AMP	7.38Y	123.0	0.00	2.97	0.96	16	7	2	96	0.00	0.0	2.917	0.000	0	0	0	2
PL.20724	PD.3475	B	4ACSR	7.38Y	123.0	0.00	2.97	0.96	1	7	2	96	0.00	0.0	2.962	0.045	0	0	0	2
017517	PL.20724	B	Consumer	7.38Y	123.0	0.00	2.97	0.41	0	3	1	95	0.00	0.0	2.962	0.000	3	1	1	1
017505	PL.20724	B	Consumer	7.38Y	123.0	0.00	2.97	0.55	0	4	1	97	0.00	0.0	2.962	0.000	4	1	1	1
PL.17485	PL.12957	B	4ACSR	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	2.777	0.009	0	0	0	0
PD.1947	PL.17485	B	fuse6AMP	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	2.777	0.000	0	0	0	0
PL.17486	PD.1947	B	4ACSR	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	2.830	0.053	0	0	0	0
017529	PL.17486	B	Consumer	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	2.830	0.000	0	0	0	0
PL.27695	PL.6106	B	4ACSR	7.39Y	123.2	0.00	2.83	3.88	3	27	9	95	0.00	0.0	2.743	0.007	0	0	0	8
PD.1946	PL.27695	B	fuse6AMP	7.39Y	123.2	0.00	2.83	3.88	66	27	9	95	0.00	0.0	2.743	0.000	0	0	0	8
PL.27696	PD.1946	B	4ACSR	7.39Y	123.2	0.01	2.83	3.88	3	27	9	95	0.00	0.0	2.785	0.042	0	0	0	8
PL.4495	PL.27696	B	4ACSR	7.39Y	123.2	0.00	2.84	3.42	3	24	8	95	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\SUMMER\PROPOSED SUMMER 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		
017549	PL.4495	B	Consumer	7.39Y	123.2	0.00	2.84	0.85	0	6	2	95	0.00	0.0	2.804	0.000	6	2	1	1	
017533	PL.4495	B	Consumer	7.39Y	123.2	0.00	2.84	0.44	0	3	1	95	0.00	0.0	2.804	0.000	3	1	1	1	
017516	PL.4495	B	Consumer	7.39Y	123.2	0.00	2.84	0.20	0	1	0	100	0.00	0.0	2.804	0.000	1	0	1	1	
017536	PL.4495	B	Consumer	7.39Y	123.2	0.00	2.84	0.02	0	0	0	100	0.00	0.0	2.804	0.000	0	0	1	1	
PL.1688	PL.4495	B	4ACSR	7.39Y	123.2	0.01	2.84	1.91	2	13	5	93	0.00	0.0	2.868	0.064	0	0	0	3	
PL.33993	PL.1688	B	2ACSR	7.39Y	123.2	0.00	2.84	0.65	0	5	2	93	0.00	0.0	2.913	0.045	0	0	0	1	
0175053	PL.33993	B	Consumer	7.39Y	123.2	0.00	2.84	0.65	0	5	2	93	0.00	0.0	2.913	0.000	5	2	1	1	
0175052	PL.33993	B	Consumer	7.39Y	123.2	0.00	2.84	0.00	0	0	0	100	0.00	0.0	2.913	0.000	0	0	0	0	
017548	PL.1688	B	Consumer	7.39Y	123.2	0.00	2.84	0.75	0	5	2	93	0.00	0.0	2.868	0.000	5	2	1	1	
017547	PL.1688	B	Consumer	7.39Y	123.2	0.00	2.84	0.51	0	4	1	97	0.00	0.0	2.868	0.000	4	1	1	1	
017543	PL.27696	B	Consumer	7.39Y	123.2	0.00	2.83	0.46	0	3	1	95	0.00	0.0	2.785	0.000	3	1	1	1	
017515	PL.12956	B	Consumer	7.39Y	123.2	0.00	2.79	0.41	0	3	1	95	0.00	0.0	2.709	0.000	3	1	1	1	
017541	PL.12956	B	Consumer	7.39Y	123.2	0.00	2.79	0.61	0	4	1	97	0.00	0.0	2.709	0.000	4	1	1	1	
018521	PL.18895	B	Consumer	7.41Y	123.4	0.00	2.57	0.63	0	4	2	89	0.00	0.0	2.530	0.000	4	2	1	1	
018506	PL.18895	B	Consumer	7.41Y	123.4	0.00	2.57	0.10	0	1	0	100	0.00	0.0	2.530	0.000	1	0	1	1	
018512	PL.18895	B	Consumer	7.41Y	123.4	0.00	2.57	0.50	0	4	1	97	0.00	0.0	2.530	0.000	4	1	1	1	
018549	PL.18895	B	Consumer	7.41Y	123.4	0.00	2.57	0.06	0	0	0	100	0.00	0.0	2.530	0.000	0	0	1	1	
018560	PL.12953	B	Consumer	7.41Y	123.5	0.00	2.47	0.30	0	2	1	89	0.00	0.0	2.457	0.000	2	1	1	1	
018528	PL.12953	B	Consumer	7.41Y	123.5	0.00	2.47	0.83	0	6	2	95	0.00	0.0	2.457	0.000	6	2	1	1	
018559	PL.12953	B	Consumer	7.41Y	123.5	0.00	2.47	0.39	0	3	1	95	0.00	0.0	2.457	0.000	3	1	1	1	
PL.16845	PL.12947	A	4ACSR	7.52Y	125.3	0.00	0.70	1.69	1	12	4	95	0.00	0.0	2.191	0.008	0	0	0	2	
PD.1942	PL.16845	A	fuse6AMP	7.52Y	125.3	0.00	0.70	1.69	29	12	4	95	0.00	0.0	2.191	0.000	0	0	0	2	
PL.16846	PD.1942	A	4ACSR	7.52Y	125.3	0.01	0.71	1.69	1	12	4	95	0.00	0.0	2.352	0.161	0	0	0	2	
018564	PL.16846	A	Consumer	7.52Y	125.3	0.00	0.71	1.08	0	8	3	94	0.00	0.0	2.352	0.000	8	3	1	1	
018553	PL.16846	A	Consumer	7.52Y	125.3	0.00	0.71	0.61	0	4	2	89	0.00	0.0	2.352	0.000	4	2	1	1	
018511	PL.27646	A	Consumer	7.52Y	125.3	0.00	0.67	1.29	0	9	3	95	0.00	0.0	2.048	0.000	9	3	1	1	
018525	PL.27646	A	Consumer	7.52Y	125.3	0.00	0.67	1.42	0	10	4	93	0.00	0.0	2.048	0.000	10	4	1	1	
PL.1667	PL.12946	A	4ACSR	7.52Y	125.3	0.00	0.65	0.34	0	2	1	89	0.00	0.0	2.021	0.058	0	0	0	1	
PL.6102	PL.1667	A	4ACSR	7.52Y	125.3	0.00	0.65	0.34	0	2	1	89	0.00	0.0	2.071	0.050	0	0	0	1	
PL.6103	PL.6102	A	4ACSR	7.52Y	125.3	0.00	0.65	0.34	0	2	1	89	0.00	0.0	2.120	0.050	0	0	0	1	
018523	PL.6103	A	Consumer	7.52Y	125.3	0.00	0.65	0.34	0	2	1	89	0.00	0.0	2.120	0.000	2	1	1	1	
PL.16849	PL.12945	A	4ACSR	7.52Y	125.4	0.00	0.65	1.80	2	13	4	96	0.00	0.0	1.954	0.013	0	0	0	4	
PD.1940	PL.16849	A	fuse6AMP	7.52Y	125.4	0.00	0.65	1.80	31	13	4	96	0.00	0.0	1.954	0.000	0	0	0	4	
PL.16848	PD.1940	A	4ACSR	7.52Y	125.3	0.01	0.65	1.80	2	13	4	96	0.00	0.0	2.019	0.065	0	0	0	4	
018540	PL.16848	A	Consumer	7.52Y	125.3	0.00	0.65	0.54	0	4	1	97	0.00	0.0	2.019	0.000	4	1	1	1	
018514	PL.16848	A	Consumer	7.52Y	125.3	0.00	0.65	0.82	0	6	2	95	0.00	0.0	2.019	0.000	6	2	1	1	
018580	PL.16848	A	Consumer	7.52Y	125.3	0.00	0.65	0.21	0	1	1	71	0.00	0.0	2.019	0.000	1	1	1	1	
018541	PL.16848	A	Consumer	7.52Y	125.3	0.00	0.65	0.24	0	2	1	89	0.00	0.0	2.019	0.000	2	1	1	1	

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.33762	PL.4494	A	4ACSR	7.52Y	125.4	0.00	0.64	2.35	2	17	5	96	0.00	0.0	1.910	0.011	0	0	0	3
PD.4028	PL.33762	A	fuse6AMP	7.52Y	125.4	0.00	0.64	2.35	40	17	5	96	0.00	0.0	1.910	0.000	0	0	0	3
PL.33763	PD.4028	A	4ACSR	7.52Y	125.4	0.01	0.64	2.35	2	17	5	96	0.00	0.0	1.962	0.052	0	0	0	3
PL.12944	PL.33763	A	4ACSR	7.52Y	125.4	0.01	0.65	1.60	1	11	4	94	0.00	0.0	2.053	0.091	0	0	0	2
018579	PL.12944	A	Consumer	7.52Y	125.4	0.00	0.65	0.56	0	4	1	97	0.00	0.0	2.053	0.000	4	1	1	1
018578	PL.12944	A	Consumer	7.52Y	125.4	0.00	0.65	1.04	0	7	3	92	0.00	0.0	2.053	0.000	7	3	1	1
PL.1692	PL.33763	A	1/0EPRJCN	7.52Y	125.4	0.00	0.64	0.75	0	5	1	98	0.00	0.0	2.052	0.090	0	0	0	1
018581	PL.1692	A	Consumer	7.52Y	125.4	0.00	0.64	0.77	0	5	2	93	0.00	0.0	2.052	0.000	5	2	1	1
018520	PL.4494	A	Consumer	7.52Y	125.4	0.00	0.64	0.01	0	0	0	100	0.00	0.0	1.899	0.000	0	0	1	1
018502	PL.4494	A	Consumer	7.52Y	125.4	0.00	0.64	0.97	0	7	2	96	0.00	0.0	1.899	0.000	7	2	1	1
018503	PL.42296	A	Consumer	7.52Y	125.4	0.00	0.63	1.37	0	10	3	96	0.00	0.0	1.860	0.000	10	3	1	1
PL.16850	PL.6099	C	4ACSR	7.50Y	125.0	0.01	0.99	11.88	10	84	29	95	0.00	0.0	1.814	0.013	0	0	0	15
C PD.1939	PL.16850	C	fuse8AMP	7.50Y	125.0	0.00	0.99	11.88	163	84	29	95	0.00	0.0	1.814	0.000	0	0	0	15 C
PL.16851	PD.1939	C	4ACSR	7.50Y	125.0	0.03	1.02	11.88	10	84	29	95	0.02	0.0	1.865	0.051	0	0	0	15
PL.1666	PL.16851	C	4ACSR	7.50Y	125.0	0.00	1.03	2.10	2	15	5	95	0.00	0.0	1.908	0.043	0	0	0	2
018568	PL.1666	C	Consumer	7.50Y	125.0	0.00	1.03	1.16	0	8	3	94	0.00	0.0	1.908	0.000	8	3	1	1
018567	PL.1666	C	Consumer	7.50Y	125.0	0.00	1.03	0.95	0	7	2	96	0.00	0.0	1.908	0.000	7	2	1	1
PL.27849	PL.16851	C	4ACSR	7.50Y	125.0	0.01	1.03	5.40	5	38	13	95	0.00	0.0	1.908	0.042	0	0	0	7
018531	PL.27849	C	Consumer	7.50Y	125.0	0.00	1.03	0.41	0	3	1	95	0.00	0.0	1.908	0.000	3	1	1	1
018530	PL.27849	C	Consumer	7.50Y	125.0	0.00	1.03	0.47	0	3	1	95	0.00	0.0	1.908	0.000	3	1	1	1
PL.27850	PL.27849	C	4ACSR	7.50Y	125.0	0.01	1.04	4.51	4	32	11	95	0.00	0.0	1.941	0.034	0	0	0	5
018544	PL.27850	C	Consumer	7.50Y	125.0	0.00	1.04	0.70	0	5	2	93	0.00	0.0	1.941	0.000	5	2	1	1
018545	PL.27850	C	Consumer	7.50Y	125.0	0.00	1.04	1.01	0	7	2	96	0.00	0.0	1.941	0.000	7	2	1	1
018532	PL.27850	C	Consumer	7.50Y	125.0	0.00	1.04	1.22	0	9	3	95	0.00	0.0	1.941	0.000	9	3	1	1
018542	PL.27850	C	Consumer	7.50Y	125.0	0.00	1.04	1.00	0	7	2	96	0.00	0.0	1.941	0.000	7	2	1	1
018546	PL.27850	C	Consumer	7.50Y	125.0	0.00	1.04	0.59	0	4	1	97	0.00	0.0	1.941	0.000	4	1	1	1
018529	PL.16851	C	Consumer	7.50Y	125.0	0.00	1.02	1.05	0	7	3	92	0.00	0.0	1.865	0.000	7	3	1	1
PL.12942	PL.16851	C	4ACSR	7.50Y	125.0	0.01	1.03	3.33	3	24	8	95	0.00	0.0	1.918	0.053	0	0	0	5
PL.20040	PL.12942	C	4ACSR	7.50Y	125.0	0.00	1.03	3.33	3	24	8	95	0.00	0.0	1.936	0.018	0	0	0	5
018547	PL.20040	C	Consumer	7.50Y	125.0	0.00	1.03	0.71	0	5	2	93	0.00	0.0	1.936	0.000	5	2	1	1
PL.20041	PL.20040	C	4ACSR	7.50Y	125.0	0.00	1.04	2.61	2	18	6	95	0.00	0.0	1.964	0.027	0	0	0	4
PL.19418	PL.20041	C	4ACSR	7.50Y	125.0	0.00	1.04	1.69	1	12	4	95	0.00	0.0	1.990	0.026	0	0	0	2
018537	PL.19418	C	Consumer	7.50Y	125.0	0.00	1.04	0.86	0	6	2	95	0.00	0.0	1.990	0.000	6	2	1	1
018538	PL.19418	C	Consumer	7.50Y	125.0	0.00	1.04	0.83	0	6	2	95	0.00	0.0	1.990	0.000	6	2	1	1
018536	PL.19418	C	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	1.990	0.000	0	0	0	0
018534	PL.20041	C	Consumer	7.50Y	125.0	0.00	1.04	0.19	0	1	0	100	0.00	0.0	1.964	0.000	1	0	1	1
018535	PL.20041	C	Consumer	7.50Y	125.0	0.00	1.04	0.73	0	5	2	93	0.00	0.0	1.964	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.42293, PD.7679, PL.42294, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.33675	PL.6115	B	4ACSR	7.44Y	124.0	0.01	1.95	17.70	15	124	44	94	0.01	0.0	1.404	0.015	0	0	0	25
C PD.3988	PL.33675	B	fuse6AMP	7.44Y	124.0	0.00	1.95	17.70	302	124	44	94	0.00	0.0	1.404	0.000	0	0	0	25 C
PL.33676	PD.3988	B	4ACSR	7.44Y	124.0	0.06	2.01	17.70	15	124	44	94	0.06	0.0	1.479	0.075	0	0	0	25
PL.1651	PL.33676	B	4ACSR	7.44Y	124.0	0.01	2.02	6.70	6	47	17	94	0.00	0.0	1.512	0.033	0	0	0	8
PL.1652	PL.1651	B	4ACSR	7.44Y	124.0	0.01	2.04	5.43	5	38	13	95	0.00	0.0	1.566	0.054	0	0	0	5
019539	PL.1652	B	Consumer	7.44Y	124.0	0.00	2.04	0.79	0	6	2	95	0.00	0.0	1.566	0.000	6	2	1	1
019519	PL.1652	B	Consumer	7.44Y	124.0	0.00	2.04	1.66	0	12	4	95	0.00	0.0	1.566	0.000	12	4	1	1
019573	PL.1652	B	Consumer	7.44Y	124.0	0.00	2.04	1.80	0	13	4	96	0.00	0.0	1.566	0.000	13	4	1	1
PL.1653	PL.1652	B	4ACSR	7.44Y	124.0	0.00	2.04	1.19	1	8	3	94	0.00	0.0	1.590	0.024	0	0	0	2
019580	PL.1653	B	Consumer	7.44Y	124.0	0.00	2.04	0.79	0	6	2	95	0.00	0.0	1.590	0.000	6	2	1	1
019556	PL.1653	B	Consumer	7.44Y	124.0	0.00	2.04	0.40	0	3	1	95	0.00	0.0	1.590	0.000	3	1	1	1
019529	PL.1651	B	Consumer	7.44Y	124.0	0.00	2.02	0.78	0	5	2	93	0.00	0.0	1.512	0.000	5	2	1	1
019579	PL.1651	B	Consumer	7.44Y	124.0	0.00	2.02	0.25	0	2	1	89	0.00	0.0	1.512	0.000	2	1	1	1
019566	PL.1651	B	Consumer	7.44Y	124.0	0.00	2.02	0.24	0	2	1	89	0.00	0.0	1.512	0.000	2	1	1	1
PL.33677	PL.33676	B	4ACSR	7.44Y	124.0	0.00	2.02	7.72	6	54	19	94	0.00	0.0	1.491	0.012	0	0	0	13
C PD.3989	PL.33677	B	fuse6AMP	7.44Y	124.0	0.00	2.02	7.72	132	54	19	94	0.00	0.0	1.491	0.000	0	0	0	13 C
PL.33678	PD.3989	B	4ACSR	7.44Y	124.0	0.02	2.04	7.72	6	54	19	94	0.01	0.0	1.548	0.058	0	0	0	13
PL.6121	PL.33678	B	4ACSR	7.44Y	123.9	0.02	2.05	5.90	5	41	14	95	0.01	0.0	1.614	0.065	0	0	0	9
PL.6130	PL.6121	B	4ACSR	7.44Y	123.9	0.01	2.06	4.83	4	34	12	94	0.00	0.0	1.637	0.023	0	0	0	7
019553	PL.6130	B	Consumer	7.44Y	123.9	0.00	2.06	1.12	0	8	3	94	0.00	0.0	1.637	0.000	8	3	1	1
019591	PL.6130	B	Consumer	7.44Y	123.9	0.00	2.06	0.92	0	6	2	95	0.00	0.0	1.637	0.000	6	2	1	1
PL.6131	PL.6130	B	4ACSR	7.44Y	123.9	0.00	2.06	2.79	2	20	7	94	0.00	0.0	1.674	0.037	0	0	0	5
PL.12939	PL.6131	B	4ACSR	7.44Y	123.9	0.00	2.07	0.50	0	4	1	97	0.00	0.0	1.741	0.066	0	0	0	2
019561	PL.12939	B	Consumer	7.44Y	123.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	1.741	0.000	0	0	0	0
PL.12940	PL.12939	B	4ACSR	7.44Y	123.9	0.00	2.07	0.50	0	4	1	97	0.00	0.0	1.761	0.020	0	0	0	2
PL.12941	PL.12940	B	4ACSR	7.44Y	123.9	0.00	2.07	0.23	0	2	1	89	0.00	0.0	1.881	0.120	0	0	0	1
018543	PL.12941	B	Consumer	7.44Y	123.9	0.00	2.07	0.23	0	2	1	89	0.00	0.0	1.881	0.000	2	1	1	1
PL.4492	PL.12941	B	4ACSR	7.44Y	123.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	1.937	0.055	0	0	0	0
018554	PL.12940	B	Consumer	7.44Y	123.9	0.00	2.07	0.27	0	2	1	89	0.00	0.0	1.761	0.000	2	1	1	1
019569	PL.6131	B	Consumer	7.44Y	123.9	0.00	2.06	0.38	0	3	1	95	0.00	0.0	1.674	0.000	3	1	1	1
019546	PL.6131	B	Consumer	7.44Y	123.9	0.00	2.06	1.22	0	9	3	95	0.00	0.0	1.674	0.000	9	3	1	1
PL.33679	PL.6131	B	4ACSR	7.44Y	123.9	0.00	2.06	0.68	1	5	2	93	0.00	0.0	1.685	0.010	0	0	0	1
PD.3990	PL.33679	B	fuse6AMP	7.44Y	123.9	0.00	2.06	0.68	12	5	2	93	0.00	0.0	1.685	0.000	0	0	0	1
PL.33680	PD.3990	B	4ACSR	7.44Y	123.9	0.00	2.07	0.68	1	5	2	93	0.00	0.0	1.713	0.028	0	0	0	1
019572	PL.33680	B	Consumer	7.44Y	123.9	0.00	2.07	0.68	0	5	2	93	0.00	0.0	1.713	0.000	5	2	1	1
019586	PL.6121	B	Consumer	7.44Y	123.9	0.00	2.05	0.05	0	0	0	100	0.00	0.0	1.614	0.000	0	0	1	1
019545	PL.6121	B	Consumer	7.44Y	123.9	0.00	2.05	1.02	0	7	2	96	0.00	0.0	1.614	0.000	7	2	1	1
019557	PL.33678	B	Consumer	7.44Y	124.0	0.00	2.04	0.49	0	3	1	95	0.00	0.0	1.548	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
019582	PL.33678	B	Consumer	7.44Y	124.0	0.00	2.04	0.95	0	7	2	96	0.00	0.0	1.548	0.000	7	2	1	1
019570	PL.33678	B	Consumer	7.44Y	124.0	0.00	2.04	0.00	0	0	0	100	0.00	0.0	1.548	0.000	0	0	0	0
019568	PL.33678	B	Consumer	7.44Y	124.0	0.00	2.04	0.36	0	3	1	95	0.00	0.0	1.548	0.000	3	1	1	1
019538	PL.33678	B	Consumer	7.44Y	124.0	0.00	2.04	0.02	0	0	0	100	0.00	0.0	1.548	0.000	0	0	1	1
019549	PL.33676	B	Consumer	7.44Y	124.0	0.00	2.01	1.26	0	9	3	95	0.00	0.0	1.479	0.000	9	3	1	1
019533	PL.33676	B	Consumer	7.44Y	124.0	0.00	2.01	0.90	0	6	3	89	0.00	0.0	1.479	0.000	6	3	1	1
019544	PL.33676	B	Consumer	7.44Y	124.0	0.00	2.01	0.80	0	6	2	95	0.00	0.0	1.479	0.000	6	2	1	1
019524	PL.33676	B	Consumer	7.44Y	124.0	0.00	2.01	0.32	0	2	1	89	0.00	0.0	1.479	0.000	2	1	1	1
019525	PL.6115	B	Consumer	7.44Y	124.1	0.00	1.94	0.94	0	7	2	96	0.00	0.0	1.389	0.000	7	2	1	1
019531	PL.6115	B	Consumer	7.44Y	124.1	0.00	1.94	0.32	0	2	1	89	0.00	0.0	1.389	0.000	2	1	1	1
019514	PL.12920	B	Consumer	7.46Y	124.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	1.076	0.000	0	0	0	0
019559	PL.12920	B	Consumer	7.46Y	124.3	0.00	1.68	1.16	0	8	3	94	0.00	0.0	1.076	0.000	8	3	1	1
PL.75	PL.12924	A	336ACSR	7.54Y	125.6	-0.00	0.40	68.29	15	514	31	100	0.08	0.0	1.035	0.008	0	0	0	84
		B		7.46Y	124.3	0.01	1.65	103.20	23	759	129	99					0	0	0	145
		C		7.50Y	125.0	0.01	1.00	138.76	31	1014	236	97					0	0	0	179
PL.12917	PL.75	A	336ACSR	7.54Y	125.6	-0.00	0.40	68.29	15	514	31	100	0.33	0.0	1.069	0.034	0	0	0	84
		B		7.46Y	124.3	0.03	1.69	103.20	23	759	129	99					0	0	0	145
		C		7.50Y	125.0	0.03	1.04	138.76	31	1014	235	97					0	0	0	179
PL.41186	PL.12917	A	336ACSR	7.54Y	125.6	-0.01	0.40	67.77	15	510	30	100	0.88	0.0	1.158	0.089	0	0	0	83
		B		7.45Y	124.2	0.09	1.77	103.20	23	759	129	99					0	0	0	145
		C		7.49Y	124.9	0.09	1.13	138.76	31	1014	235	97					0	0	0	179
5012002	PL.41186	B	Consumer	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	1.158	0.000	0	0	1	1
PL.41187	PL.41186	A	336ACSR	7.54Y	125.6	-0.00	0.39	67.77	15	510	30	100	0.55	0.0	1.213	0.055	0	0	0	83
		B		7.45Y	124.2	0.05	1.83	103.20	23	758	128	99					0	0	0	144
		C		7.49Y	124.8	0.06	1.18	138.76	31	1013	233	97					0	0	0	179
PL.12915	PL.41187	A	336ACSR	7.54Y	125.6	-0.01	0.38	65.37	15	492	21	100	0.97	0.0	1.314	0.101	0	0	0	83
		B		7.44Y	124.1	0.10	1.93	103.20	23	758	128	99					0	0	0	144
		C		7.48Y	124.7	0.10	1.28	136.21	31	995	224	98					0	0	0	179
PL.15100	PL.12915	B	4ACSR	7.44Y	124.1	0.00	1.93	1.24	1	9	3	95	0.00	0.0	1.320	0.005	0	0	0	2
PD.2804	PL.15100	B	fuse6AMP	7.44Y	124.1	0.00	1.93	1.24	21	9	3	95	0.00	0.0	1.320	0.000	0	0	0	2
PL.15101	PD.2804	B	4ACSR	7.44Y	124.1	0.01	1.94	1.24	1	9	3	95	0.00	0.0	1.445	0.125	0	0	0	2
503101	PL.15101	B	Consumer	7.44Y	124.1	0.00	1.94	1.24	0	9	3	95	0.00	0.0	1.445	0.000	9	3	1	1
503102	PL.15101	B	Consumer	7.44Y	124.1	0.00	1.94	0.00	0	0	0	100	0.00	0.0	1.445	0.000	0	0	1	1
PL.12916	PL.12915	A	336ACSR	7.54Y	125.6	-0.01	0.37	65.37	15	492	21	100	1.38	0.1	1.459	0.145	0	0	0	83
		B		7.44Y	123.9	0.14	2.07	101.97	23	749	124	99					0	0	0	142
		C		7.47Y	124.6	0.14	1.42	136.21	31	995	222	98					0	0	0	179
PL.3369	PL.12916	A	4/0ACSR	7.54Y	125.6	0.00	0.37	0.72	0	5	2	93	0.00	0.0	1.511	0.052	0	0	0	1
		B		7.44Y	123.9	-0.00	2.07	0.00	0	0	0	100					0	0	0	0
		C		7.47Y	124.6	0.00	1.42	0.00	0	0	0	100					0	0	0	0
504317	PL.3369	A	Consumer	7.54Y	125.6	0.00	0.37	0.72	0	5	2	93	0.00	0.0	1.511	0.000	5	2	1	1
PL.193	PL.12916	A	4/0ACSR	7.54Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	1.479	0.020	0	0	0	0
		B		7.44Y	123.9	0.00	2.07	0.00	0	0	0	100					0	0	0	0
		C		7.47Y	124.6	0.00	1.42	0.00	0	0	0	100					0	0	0	0
PD.4350-A	PL.193	A	Open	7.54Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	1.479	0.000	0	0	0	0
		B		7.44Y	123.9	0.00	2.07	0.00	0	0	0	100					0	0	0	0
		C		7.47Y	124.6	0.00	1.42	0.00	0	0	0	100					0	0	0	0
503301	PL.12916	B	Consumer	7.44Y	123.9	0.00	2.07	0.87	0	6	2	95	0.00	0.0	1.459	0.000	6	2	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.24830, PL.25001, PL.12690, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.15572	PL.26264	B	4ACSR	7.37Y	122.9	0.00	3.11	10.98	9	76	27	94	0.00	0.0	2.294	0.006	0	0	0	17
PD.3711	PL.15572	B	25L	7.37Y	122.9	0.00	3.11	10.98	44	76	27	94	0.00	0.0	2.294	0.000	0	0	0	17
PL.15573	PD.3711	B	4ACSR	7.37Y	122.8	0.04	3.15	10.98	9	76	27	94	0.02	0.0	2.376	0.082	0	0	0	17
504801	PL.15573	B	Consumer	7.37Y	122.8	0.00	3.15	0.22	0	2	1	89	0.00	0.0	2.376	0.000	2	1	1	1
PL.26265	PL.15573	B	4ACSR	7.37Y	122.8	0.01	3.16	10.77	9	75	26	94	0.00	0.0	2.393	0.017	0	0	0	16
PL.26266	PL.26265	B	4ACSR	7.37Y	122.8	0.03	3.19	6.13	5	43	15	94	0.01	0.0	2.483	0.090	0	0	0	10
PL.26267	PL.26266	B	4ACSR	7.37Y	122.8	0.00	3.19	4.37	4	30	11	94	0.00	0.0	2.496	0.013	0	0	0	8
5039005	PL.26267	B	Consumer	7.37Y	122.8	0.00	3.19	0.00	0	0	0	100	0.00	0.0	2.496	0.000	0	0	1	1
503903	PL.26267	B	Consumer	7.37Y	122.8	0.00	3.19	1.12	0	8	3	94	0.00	0.0	2.496	0.000	8	3	1	1
PL.38259	PL.26267	B	4ACSR	7.37Y	122.8	0.00	3.19	1.16	1	8	3	94	0.00	0.0	2.505	0.010	0	0	0	2
PD.6672	PL.38259	B	fuse6AMP	7.37Y	122.8	0.00	3.19	1.16	20	8	3	94	0.00	0.0	2.505	0.000	0	0	0	2
PL.38260	PD.6672	B	4ACSR	7.37Y	122.8	0.00	3.19	1.16	1	8	3	94	0.00	0.0	2.571	0.066	0	0	0	2
503901	PL.38260	B	Consumer	7.37Y	122.8	0.00	3.19	1.10	0	8	3	94	0.00	0.0	2.571	0.000	8	3	1	1
503904	PL.38260	B	Consumer	7.37Y	122.8	0.00	3.19	0.06	0	0	0	100	0.00	0.0	2.571	0.000	0	0	1	1
PL.26268	PL.26267	B	4ACSR	7.37Y	122.8	0.01	3.20	2.01	2	14	5	94	0.00	0.0	2.654	0.158	0	0	0	3
PL.26269	PL.26268	B	4ACSR	7.37Y	122.8	0.00	3.21	0.94	1	7	2	96	0.00	0.0	2.698	0.044	0	0	0	1
PL.42663	PL.26269	B	4ACSR	7.37Y	122.8	0.00	3.21	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	7.37Y	122.8	0.00	3.21	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	7.37Y	122.8	0.00	3.21	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	7.37Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	2.781	0.062	0	0	0	0
PL.42665	PL.42664	B	4ACSR	7.37Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	2.906	0.124	0	0	0	0
PL.42661	PL.42665	B	4ACSR	7.37Y	122.8	0.00	3.21	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	7.37Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	2.939	0.000	0	0	0	0
502002	PL.26269	B	Consumer	7.37Y	122.8	0.00	3.21	0.94	0	7	2	96	0.00	0.0	2.698	0.000	7	2	1	1
PL.38263	PL.26268	B	4ACSR	7.37Y	122.8	0.00	3.20	1.06	1	7	3	92	0.00	0.0	2.657	0.003	0	0	0	2
PD.6674	PL.38263	B	fuse6AMP	7.37Y	122.8	0.00	3.20	1.06	18	7	3	92	0.00	0.0	2.657	0.000	0	0	0	2
PL.38264	PD.6674	B	4ACSR	7.37Y	122.8	0.00	3.21	1.06	1	7	3	92	0.00	0.0	2.715	0.058	0	0	0	2
501901	PL.38264	B	Consumer	7.37Y	122.8	0.00	3.21	0.09	0	1	0	100	0.00	0.0	2.715	0.000	1	0	1	1
502902	PL.38264	B	Consumer	7.37Y	122.8	0.00	3.21	0.97	0	7	2	96	0.00	0.0	2.715	0.000	7	2	1	1
PL.38262	PL.26267	B	4ACSR	7.37Y	122.8	0.00	3.19	0.08	0	1	0	100	0.00	0.0	2.505	0.009	0	0	0	1
PD.6673	PL.38262	B	fuse6AMP	7.37Y	122.8	0.00	3.19	0.08	1	1	0	100	0.00	0.0	2.505	0.000	0	0	0	1
PL.38261	PD.6673	B	4ACSR	7.37Y	122.8	0.00	3.19	0.08	0	1	0	100	0.00	0.0	2.577	0.072	0	0	0	1
503802	PL.38261	B	Consumer	7.37Y	122.8	0.00	3.19	0.08	0	1	0	100	0.00	0.0	2.577	0.000	1	0	1	1
503801	PL.26266	B	Consumer	7.37Y	122.8	0.00	3.19	0.90	0	6	2	95	0.00	0.0	2.483	0.000	6	2	1	1
503902	PL.26266	B	Consumer	7.37Y	122.8	0.00	3.19	0.86	0	6	2	95	0.00	0.0	2.483	0.000	6	2	1	1
PL.38257	PL.26265	B	4ACSR	7.37Y	122.8	0.00	3.16	4.64	4	32	11	95	0.00	0.0	2.399	0.006	0	0	0	6
PD.6671	PL.38257	B	fuse6AMP	7.37Y	122.8	0.00	3.16	4.64	79	32	11	95	0.00	0.0	2.399	0.000	0	0	0	6
PL.38258	PD.6671	B	4ACSR	7.37Y	122.8	0.01	3.17	4.64	4	32	11	95	0.00	0.0	2.442	0.043	0	0	0	6

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.3214, 504901, 504803, etc.

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, 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.21413, CP.41, PL.20087, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.38656	PD.7051-B	A	336ACSR	7.54Y	125.6	0.00	0.37	29.24	7	208	74	94	0.01	0.0	3.144	0.007	0	0	0	43
		B		7.34Y	122.3	0.00	3.69	46.04	10	315	123	93					0	0	0	72
		C		7.36Y	122.6	0.00	3.40	35.26	8	244	87	94					0	0	0	57
PD.3068-A	PL.38656	A	Closed	7.54Y	125.6	0.00	0.37	29.24	0	208	74	94	0.00	0.0	3.144	0.000	0	0	0	43
		B		7.34Y	122.3	0.00	3.69	46.04	0	315	123	93					0	0	0	72
		C		7.36Y	122.6	0.00	3.40	35.26	0	244	87	94					0	0	0	57
PD.3068-B	PD.3068-A	A	Closed	7.54Y	125.6	0.00	0.37	29.24	0	208	74	94	0.00	0.0	3.144	0.000	0	0	0	43
		B		7.34Y	122.3	0.00	3.69	46.04	0	315	123	93					0	0	0	72
		C		7.36Y	122.6	0.00	3.40	35.26	0	244	87	94					0	0	0	57
PL.18242	PD.3068-B	A	336ACSR	7.54Y	125.6	0.01	0.37	29.24	7	208	74	94	0.04	0.0	3.174	0.030	0	0	0	43
		B		7.34Y	122.3	0.01	3.71	46.04	10	315	123	93					0	0	0	72
		C		7.36Y	122.6	0.01	3.40	35.26	8	244	87	94					0	0	0	57
PL.195	PL.18242	A	336ACSR	7.54Y	125.6	0.00	0.37	29.24	7	208	74	94	0.01	0.0	3.183	0.009	0	0	0	43
		B		7.34Y	122.3	0.00	3.71	46.04	10	315	123	93					0	0	0	72
		C		7.36Y	122.6	0.00	3.40	35.26	8	244	87	94					0	0	0	57
PL.6517	PL.195	A	336ACSR	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	3.234	0.051	0	0	0	0
		B		7.34Y	122.3	0.00	3.71	0.38	0	3	1	94					0	0	0	3
		C		7.36Y	122.6	-0.00	3.40	0.00	0	0	0	100					0	0	0	0
511716	PL.6517	B	Consumer	7.34Y	122.3	0.00	3.71	0.31	0	2	1	89	0.00	0.0	3.234	0.000	2	1	1	1
511712	PL.6517	B	Consumer	7.34Y	122.3	0.00	3.71	0.07	0	0	0	100	0.00	0.0	3.234	0.000	0	0	1	1
511710	PL.6517	B	Consumer	7.34Y	122.3	0.00	3.71	0.00	0	0	0	100	0.00	0.0	3.234	0.000	0	0	1	1
511711	PL.6517	B	Consumer	7.34Y	122.3	0.00	3.71	0.00	0	0	0	100	0.00	0.0	3.234	0.000	0	0	0	0
PL.6518	PL.6517	A	336ACSR	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	3.261	0.027	0	0	0	0
		B		7.34Y	122.3	0.00	3.71	0.00	0	0	0	100					0	0	0	0
		C		7.36Y	122.6	0.00	3.40	0.00	0	0	0	100					0	0	0	0
PD.3067-A	PL.6518	A	Open	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	3.261	0.000	0	0	0	0
		B		7.34Y	122.3	0.00	3.71	0.00	0	0	0	100					0	0	0	0
		C		7.36Y	122.6	0.00	3.40	0.00	0	0	0	100					0	0	0	0
PL.12756	PL.195	A	336ACSR	7.54Y	125.6	0.01	0.38	26.51	6	188	66	94	0.04	0.0	3.221	0.038	0	0	0	39
		B		7.34Y	122.3	0.02	3.73	45.39	10	310	121	93					0	0	0	68
		C		7.36Y	122.6	0.00	3.41	27.47	6	190	68	94					0	0	0	46
512802	PL.12756	B	Consumer	7.34Y	122.3	0.00	3.73	1.46	0	10	4	93	0.00	0.0	3.221	0.000	10	4	1	1
511811	PL.12756	B	Consumer	7.34Y	122.3	0.00	3.73	0.09	0	1	0	100	0.00	0.0	3.221	0.000	1	0	1	1
PL.19059	PL.12756	A	336ACSR	7.54Y	125.6	0.01	0.39	26.51	6	188	66	94	0.03	0.0	3.254	0.033	0	0	0	39
		B		7.34Y	122.3	0.01	3.74	43.84	10	300	117	93					0	0	0	66
		C		7.36Y	122.6	0.00	3.41	27.47	6	190	68	94					0	0	0	46
512804	PL.19059	B	Consumer	7.34Y	122.3	0.00	3.74	0.96	0	7	2	96	0.00	0.0	3.254	0.000	7	2	1	1
512814	PL.19059	B	Consumer	7.34Y	122.3	0.00	3.74	0.31	0	2	1	89	0.00	0.0	3.254	0.000	2	1	1	1
512816	PL.19059	B	Consumer	7.34Y	122.3	0.00	3.74	1.66	0	11	5	91	0.00	0.0	3.254	0.000	11	5	1	1
512811	PL.19059	B	Consumer	7.34Y	122.3	0.00	3.74	1.71	0	12	4	95	0.00	0.0	3.254	0.000	12	4	1	1
512808	PL.19059	B	Consumer	7.34Y	122.3	0.00	3.74	0.90	0	6	2	95	0.00	0.0	3.254	0.000	6	2	1	1
PL.19766	PL.19059	A	336ACSR	7.54Y	125.6	0.01	0.40	26.51	6	188	66	94	0.02	0.0	3.284	0.030	0	0	0	39
		B		7.33Y	122.2	0.01	3.75	38.32	9	262	103	93					0	0	0	61
		C		7.36Y	122.6	0.00	3.41	27.47	6	190	68	94					0	0	0	46
PL.43528	PL.19766	A	4ACSR	7.54Y	125.6	0.00	0.40	0.00	0	0	0	100	0.00	0.0	3.291	0.007	0	0	0	0
PD.8578-B	PL.43528	A	Open	7.54Y	125.6	0.00	0.40	0.00	0	0	0	100	0.00	0.0	3.291	0.000	0	0	0	0
PL.19443	PL.19766	A	336ACSR	7.54Y	125.6	0.01	0.41	21.49	5	153	54	94	0.03	0.0	3.328	0.044	0	0	0	33
		B		7.33Y	122.2	0.02	3.77	38.32	9	262	103	93					0	0	0	61
		C		7.35Y	122.6	0.00	3.42	21.58	5	149	54	94					0	0	0	36
512905	PL.19443	B	Consumer	7.33Y	122.2	0.00	3.77	0.00	0	0	0	100	0.00	0.0	3.328	0.000	0	0	0	0

Unbalanced Voltage Drop Report
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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
512920	PL.19443	B	Consumer	7.33Y	122.2	0.00	3.77	0.52	0	4	1	97	0.00	0.0	3.328	0.000	4	1	1	1
PL.19444	PL.19443	A	336ACSR	7.54Y	125.6	0.00	0.41	21.49	5	153	54	94	0.01	0.0	3.343	0.015	0	0	0	33
		B		7.33Y	122.2	0.01	3.78	37.80	9	258	101	93					0	0	0	60
		C		7.35Y	122.6	0.00	3.42	21.58	5	149	54	94					0	0	0	36
PL.20056	PL.19444	A	336ACSR	7.53Y	125.6	0.01	0.42	21.49	5	153	54	94	0.03	0.0	3.395	0.052	0	0	0	33
		B		7.33Y	122.2	0.02	3.80	37.80	9	258	101	93					0	0	0	60
		C		7.35Y	122.6	0.00	3.42	21.58	5	149	54	94					0	0	0	36
513918	PL.20056	B	Consumer	7.33Y	122.2	0.00	3.80	0.86	0	6	2	95	0.00	0.0	3.395	0.000	6	2	1	1
513835	PL.20056	C	Consumer	7.35Y	122.6	0.00	3.42	0.09	0	1	0	100	0.00	0.0	3.395	0.000	1	0	1	1
512915	PL.20056	B	Consumer	7.33Y	122.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	3.395	0.000	0	0	0	0
513809	PL.20056	C	Consumer	7.35Y	122.6	0.00	3.42	0.37	0	2	1	89	0.00	0.0	3.395	0.000	2	1	1	1
512919	PL.20056	B	Consumer	7.33Y	122.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	3.395	0.000	0	0	0	0
512911	PL.20056	B	Consumer	7.33Y	122.2	0.00	3.80	0.45	0	3	1	95	0.00	0.0	3.395	0.000	3	1	1	1
513913	PL.20056	B	Consumer	7.33Y	122.2	0.00	3.80	0.83	0	6	2	95	0.00	0.0	3.395	0.000	6	2	1	1
513824	PL.20056	C	Consumer	7.35Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	3.395	0.000	0	0	0	0
512904	PL.20056	A	Consumer	7.53Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	3.395	0.000	0	0	0	0
PL.20057	PL.20056	A	336ACSR	7.53Y	125.6	0.00	0.43	21.49	5	153	54	94	0.02	0.0	3.420	0.025	0	0	0	33
		B		7.33Y	122.2	0.01	3.80	35.66	8	243	96	93					0	0	0	57
		C		7.35Y	122.6	0.00	3.42	21.12	5	146	52	94					0	0	0	34
PL.20224	PL.20057	A	336ACSR	7.53Y	125.6	0.00	0.43	21.49	5	153	54	94	0.00	0.0	3.425	0.005	0	0	0	33
		B		7.33Y	122.2	0.00	3.80	18.30	4	126	47	94					0	0	0	30
		C		7.35Y	122.6	0.00	3.42	21.12	5	146	52	94					0	0	0	34
PL.20225	PL.20224	A	336ACSR	7.53Y	125.6	0.01	0.44	21.49	5	153	54	94	0.02	0.0	3.485	0.060	0	0	0	33
		B		7.33Y	122.2	0.01	3.81	18.30	4	126	47	94					0	0	0	30
		C		7.35Y	122.6	0.01	3.44	21.12	5	146	52	94					0	0	0	34
PL.12751	PL.20225	A	336ACSR	7.53Y	125.6	0.01	0.44	21.49	5	153	54	94	0.01	0.0	3.518	0.033	0	0	0	33
		B		7.33Y	122.2	0.00	3.82	18.30	4	126	47	94					0	0	0	30
		C		7.35Y	122.6	0.00	3.44	15.97	4	111	40	94					0	0	0	24
PL.5804	PL.12751	A	4ACSR	7.53Y	125.6	0.00	0.44	2.17	2	15	6	93	0.00	0.0	3.525	0.007	0	0	0	4
		B		7.33Y	122.2	0.00	3.82	3.40	3	23	9	94					0	0	0	6
PL.5805	PL.5804	A	4ACSR	7.53Y	125.6	0.00	0.44	0.42	0	3	1	95	0.00	0.0	3.557	0.032	0	0	0	1
		B		7.33Y	122.2	0.00	3.82	3.40	3	23	9	94					0	0	0	6
514915	PL.5805	B	Consumer	7.33Y	122.2	0.00	3.82	0.75	0	5	2	93	0.00	0.0	3.557	0.000	5	2	1	1
PL.6516	PL.5805	A	4ACSR	7.53Y	125.6	0.00	0.45	0.42	0	3	1	95	0.00	0.0	3.585	0.027	0	0	0	1
		B		7.33Y	122.2	0.00	3.83	2.65	2	18	7	94					0	0	0	5
PL.3443	PL.6516	A	4ACSR	7.53Y	125.6	0.00	0.45	0.42	0	3	1	95	0.00	0.0	3.653	0.068	0	0	0	1
		B		7.33Y	122.2	0.00	3.83	1.05	1	7	3	93					0	0	0	2
515015	PL.3443	B	Consumer	7.33Y	122.2	0.00	3.83	0.63	0	4	2	89	0.00	0.0	3.653	0.000	4	2	1	1
515014	PL.3443	A	Consumer	7.53Y	125.6	0.00	0.45	0.42	0	3	1	95	0.00	0.0	3.653	0.000	3	1	1	1
		B		7.33Y	122.2	0.00	3.83	0.43	0	3	1	90					3	1	1	1
514921	PL.6516	B	Consumer	7.33Y	122.2	0.00	3.83	0.56	0	4	1	97	0.00	0.0	3.585	0.000	4	1	1	1
514924	PL.6516	B	Consumer	7.33Y	122.2	0.00	3.83	0.31	0	2	1	89	0.00	0.0	3.585	0.000	2	1	1	1
514925	PL.6516	B	Consumer	7.33Y	122.2	0.00	3.83	0.00	0	0	0	100	0.00	0.0	3.585	0.000	0	0	0	0
514926	PL.6516	B	Consumer	7.33Y	122.2	0.00	3.83	0.73	0	5	2	93	0.00	0.0	3.585	0.000	5	2	1	1
514916	PL.5804	A	Consumer	7.53Y	125.6	0.00	0.44	0.74	0	5	2	93	0.00	0.0	3.525	0.000	5	2	1	1
513903	PL.5804	A	Consumer	7.53Y	125.6	0.00	0.44	0.69	0	5	2	93	0.00	0.0	3.525	0.000	5	2	1	1
514923	PL.5804	A	Consumer	7.53Y	125.6	0.00	0.44	0.33	0	2	1	89	0.00	0.0	3.525	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.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	7.53Y	125.5	0.00	0.50	0.79	0	6	2	95	0.00	0.0	3.841	0.041	0	0	0	3
		B		7.33Y	122.2	0.00	3.84	7.90	2	54	22	93					0	0	0	12
		C		7.35Y	122.6	-0.00	3.43	0.00	0	0	0	100					0	0	0	0
PL.12749	PL.12748	A	336ACSR	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	3.885	0.045	0	0	0	0
		B		7.33Y	122.2	0.00	3.84	3.12	1	21	10	90					0	0	0	2
		C		7.35Y	122.6	-0.00	3.43	0.00	0	0	0	100					0	0	0	0
PL.25012	PL.12749	A	336ACSR	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	3.962	0.077	0	0	0	0
		B		7.33Y	122.2	0.00	3.84	0.26	0	2	1	90					0	0	0	1
		C		7.35Y	122.6	-0.00	3.43	0.00	0	0	0	100					0	0	0	0
PL.7893	PL.25012	A	336ACSR	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	4.023	0.060	0	0	0	0
		B		7.33Y	122.2	0.00	3.84	0.26	0	2	1	90					0	0	0	1
		C		7.35Y	122.6	-0.00	3.43	0.00	0	0	0	100					0	0	0	0
PL.7894	PL.7893	A	336ACSR	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	4.060	0.037	0	0	0	0
		B		7.33Y	122.2	0.00	3.84	0.00	0	0	0	100					0	0	0	0
		C		7.35Y	122.6	0.00	3.43	0.00	0	0	0	100					0	0	0	0
PD.4342-A	PL.7894	A	Open	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	4.060	0.000	0	0	0	0
		B		7.33Y	122.2	0.00	3.84	0.00	0	0	0	100					0	0	0	0
		C		7.35Y	122.6	0.00	3.43	0.00	0	0	0	100					0	0	0	0
072623	PL.7893	B	Consumer	7.33Y	122.2	0.00	3.84	0.26	0	2	1	89	0.00	0.0	4.023	0.000	2	1	1	1
517013	PL.12749	B	Consumer	7.33Y	122.2	0.00	3.84	2.87	0	19	9	90	0.00	0.0	3.885	0.000	19	9	1	1
516912	PL.12748	B	Consumer	7.33Y	122.2	0.00	3.84	0.86	0	6	2	95	0.00	0.0	3.841	0.000	6	2	1	1
517001	PL.12748	B	Consumer	7.33Y	122.2	0.00	3.84	0.25	0	2	1	89	0.00	0.0	3.841	0.000	2	1	1	1
517018	PL.12748	B	Consumer	7.33Y	122.2	0.00	3.84	0.89	0	6	2	95	0.00	0.0	3.841	0.000	6	2	1	1
516907	PL.12748	B	Consumer	7.33Y	122.2	0.00	3.84	0.50	0	3	1	95	0.00	0.0	3.841	0.000	3	1	1	1
517005	PL.12748	B	Consumer	7.33Y	122.2	0.00	3.84	0.71	0	5	2	93	0.00	0.0	3.841	0.000	5	2	1	1
517012	PL.12748	B	Consumer	7.33Y	122.2	0.00	3.84	0.25	0	2	1	89	0.00	0.0	3.841	0.000	2	1	1	1
5170019	PL.12748	B	Consumer	7.33Y	122.2	0.00	3.84	0.95	0	7	2	96	0.00	0.0	3.841	0.000	3	1	1	3
5170020	5170019	B	Consumer	7.33Y	122.2	0.00	3.84	0.01	0	0	0	100	0.00	0.0	3.841	0.000	0	0	1	1
5170021	5170020	B	Consumer	7.33Y	122.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	3.841	0.000	0	0	0	0
516910	5170019	B	Consumer	7.33Y	122.2	0.00	3.84	0.57	0	4	1	97	0.00	0.0	3.841	0.000	4	1	1	1
517006	PL.12748	B	Consumer	7.33Y	122.2	0.00	3.84	0.39	0	3	1	95	0.00	0.0	3.841	0.000	3	1	1	1
PL.3372	PL.12748	A	4ACSR	7.53Y	125.5	0.00	0.50	0.79	1	6	2	95	0.00	0.0	3.882	0.041	0	0	0	3
PL.3373	PL.3372	A	4ACSR	7.53Y	125.5	0.00	0.50	0.62	1	4	2	89	0.00	0.0	3.928	0.045	0	0	0	2
517014	PL.3373	A	Consumer	7.53Y	125.5	0.00	0.50	0.40	0	3	1	95	0.00	0.0	3.928	0.000	3	1	1	1
517011	PL.3373	A	Consumer	7.53Y	125.5	0.00	0.50	0.23	0	2	1	89	0.00	0.0	3.928	0.000	2	1	1	1
517016	PL.3372	A	Consumer	7.53Y	125.5	0.00	0.50	0.17	0	1	1	71	0.00	0.0	3.882	0.000	1	1	1	1
517015	PL.12742	B	Consumer	7.33Y	122.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	3.799	0.000	0	0	0	0
516010	PL.12742	B	Consumer	7.33Y	122.2	0.00	3.84	0.10	0	1	0	100	0.00	0.0	3.799	0.000	1	0	1	1
516006	PL.12742	B	Consumer	7.33Y	122.2	0.00	3.84	1.06	0	7	3	92	0.00	0.0	3.799	0.000	7	3	1	1
516904	PL.12742	B	Consumer	7.33Y	122.2	0.00	3.84	1.31	0	9	3	95	0.00	0.0	3.799	0.000	9	3	1	1
517009	PL.12742	B	Consumer	7.33Y	122.2	0.00	3.84	0.72	0	5	2	93	0.00	0.0	3.799	0.000	5	2	1	1
516007	PL.12742	B	Consumer	7.33Y	122.2	0.00	3.84	0.73	0	5	2	93	0.00	0.0	3.799	0.000	5	2	1	1
515909	PL.12742	B	Consumer	7.33Y	122.2	0.00	3.84	0.11	0	1	0	100	0.00	0.0	3.799	0.000	1	0	1	1
517008	PL.12742	B	Consumer	7.33Y	122.2	0.00	3.84	0.15	0	1	0	100	0.00	0.0	3.799	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
516015	PL.12742	B	Consumer	7.33Y	122.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	3.799	0.000	0	0	1	1
515908	PL.26687	A	Consumer	7.53Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	3.766	0.000	0	0	0	0
516911	PL.26687	B	Consumer	7.33Y	122.2	0.00	3.83	0.50	0	3	1	95	0.00	0.0	3.766	0.000	3	1	1	1
515910	PL.26687	B	Consumer	7.33Y	122.2	0.00	3.83	0.20	0	1	0	100	0.00	0.0	3.766	0.000	1	0	1	1
515919	PL.33227	A	Consumer	7.53Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	3.727	0.000	0	0	0	0
515914	PL.33227	C	Consumer	7.35Y	122.6	0.00	3.44	1.36	0	9	4	91	0.00	0.0	3.727	0.000	9	4	1	1
PL.26684	PL.33227	A	1/0ACSR	7.53Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	3.760	0.034	0	0	0	0
		B		7.33Y	122.2	0.00	3.83	0.00	0	0	0	100			0	0	0	0	0	
		C		7.35Y	122.6	0.00	3.44	0.00	0	0	0	100			0	0	0	0	0	
SW30-A	PL.26684	A	Open	7.53Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	3.760	0.000	0	0	0	0
		B		7.33Y	122.2	0.00	3.83	0.00	0	0	0	100			0	0	0	0	0	
		C		7.35Y	122.6	0.00	3.44	0.00	0	0	0	100			0	0	0	0	0	
PL.38659	PL.33227	A	4ACSR	7.53Y	125.5	0.00	0.50	17.80	15	127	44	94	0.00	0.0	3.730	0.003	0	0	0	24
C PD.7053	PL.38659	A	fuse6AMP	7.53Y	125.5	0.00	0.50	17.80	304	127	44	94	0.00	0.0	3.730	0.000	0	0	0	24 C
PL.38660	PD.7053	A	4ACSR	7.53Y	125.5	0.02	0.51	17.80	15	127	44	94	0.02	0.0	3.750	0.020	0	0	0	24
PL.26688	PL.38660	A	4ACSR	7.53Y	125.5	0.00	0.51	8.54	7	61	21	95	0.00	0.0	3.756	0.005	0	0	0	13
C PD.2819	PL.26688	A	fuse6AMP	7.53Y	125.5	0.00	0.51	8.54	146	61	21	95	0.00	0.0	3.756	0.000	0	0	0	13 C
PL.26689	PD.2819	A	4ACSR	7.53Y	125.5	0.00	0.52	8.54	7	61	21	95	0.00	0.0	3.763	0.007	0	0	0	13
515912	PL.26689	A	Consumer	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.763	0.000	0	0	0	0
515917	PL.26689	A	Consumer	7.53Y	125.5	0.00	0.52	0.72	0	5	2	93	0.00	0.0	3.763	0.000	5	2	1	1
515920	PL.26689	A	Consumer	7.53Y	125.5	0.00	0.52	0.59	0	4	1	97	0.00	0.0	3.763	0.000	4	1	1	1
PL.12744	PL.26689	A	4ACSR	7.53Y	125.5	0.01	0.53	7.23	6	51	18	94	0.00	0.0	3.788	0.026	0	0	0	11
515925	PL.12744	A	Consumer	7.53Y	125.5	0.00	0.53	0.57	0	4	1	97	0.00	0.0	3.788	0.000	4	1	1	1
515924	PL.12744	A	Consumer	7.53Y	125.5	0.00	0.53	1.12	0	8	3	94	0.00	0.0	3.788	0.000	8	3	1	1
515921	PL.12744	A	Consumer	7.53Y	125.5	0.00	0.53	0.90	0	6	2	95	0.00	0.0	3.788	0.000	6	2	1	1
515918	PL.12744	A	Consumer	7.53Y	125.5	0.00	0.53	0.33	0	2	1	89	0.00	0.0	3.788	0.000	2	1	1	1
515922	PL.12744	A	Consumer	7.53Y	125.5	0.00	0.53	0.38	0	3	1	95	0.00	0.0	3.788	0.000	3	1	1	1
PL.12745	PL.12744	A	4ACSR	7.53Y	125.5	0.00	0.53	3.93	3	28	10	94	0.00	0.0	3.811	0.023	0	0	0	6
PL.25011	PL.12745	A	4ACSR	7.53Y	125.5	0.00	0.53	1.89	2	13	5	93	0.00	0.0	3.849	0.037	0	0	0	3
515804	PL.25011	A	Consumer	7.53Y	125.5	0.00	0.53	0.73	0	5	2	93	0.00	0.0	3.849	0.000	5	2	1	1
514815	PL.25011	A	Consumer	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	3.849	0.000	0	0	0	0
514929	PL.25011	A	Consumer	7.53Y	125.5	0.00	0.53	0.54	0	4	1	97	0.00	0.0	3.849	0.000	4	1	1	1
514930	PL.25011	A	Consumer	7.53Y	125.5	0.00	0.53	0.62	0	4	2	89	0.00	0.0	3.849	0.000	4	2	1	1
514928	PL.12745	A	Consumer	7.53Y	125.5	0.00	0.53	0.84	0	6	2	95	0.00	0.0	3.811	0.000	6	2	1	1
515923	PL.12745	A	Consumer	7.53Y	125.5	0.00	0.53	0.50	0	4	1	97	0.00	0.0	3.811	0.000	4	1	1	1
514927	PL.12745	A	Consumer	7.53Y	125.5	0.00	0.53	0.70	0	5	2	93	0.00	0.0	3.811	0.000	5	2	1	1
PL.12746	PL.38660	A	4ACSR	7.53Y	125.5	0.01	0.53	9.26	8	66	23	94	0.01	0.0	3.784	0.034	0	0	0	11
515907	PL.12746	A	Consumer	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	3.784	0.000	0	0	0	0
516018	PL.12746	A	Consumer	7.53Y	125.5	0.00	0.53	1.09	0	8	3	94	0.00	0.0	3.784	0.000	8	3	1	1
515911	PL.12746	A	Consumer	7.53Y	125.5	0.00	0.53	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\SUMMER\PROPOSED SUMMER 06-10 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							
516019	PL.12746	A	Consumer	7.53Y	125.5	0.00	0.53	1.00	0	7	2	96	0.00	0.0	3.784	0.000	7	2	1	1
515913	PL.12746	A	Consumer	7.53Y	125.5	0.00	0.53	0.73	0	5	2	93	0.00	0.0	3.784	0.000	5	2	1	1
515915	PL.12746	A	Consumer	7.53Y	125.5	0.00	0.53	0.82	0	6	2	95	0.00	0.0	3.784	0.000	6	2	1	1
5159026	PL.12746	A	Consumer	7.53Y	125.5	0.00	0.53	1.12	0	8	3	94	0.00	0.0	3.784	0.000	8	3	1	1
515905	PL.12746	A	Consumer	7.53Y	125.5	0.00	0.53	0.69	0	5	2	93	0.00	0.0	3.784	0.000	5	2	1	1
515916	PL.12746	A	Consumer	7.53Y	125.5	0.00	0.53	0.30	0	2	1	89	0.00	0.0	3.784	0.000	2	1	1	1
PL.12747	PL.12746	A	4ACSR	7.53Y	125.5	0.00	0.53	0.56	0	4	1	97	0.00	0.0	3.827	0.043	0	0	0	1
514909	PL.12747	A	Consumer	7.53Y	125.5	0.00	0.53	0.56	0	4	1	97	0.00	0.0	3.827	0.000	4	1	1	1
514908	PL.12747	A	Consumer	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	3.827	0.000	0	0	0	0
PL.2890	PL.12746	A	4ACSR	7.53Y	125.5	0.00	0.53	2.96	2	21	7	95	0.00	0.0	3.817	0.033	0	0	0	3
514922	PL.2890	A	Consumer	7.53Y	125.5	0.00	0.53	1.26	0	9	3	95	0.00	0.0	3.817	0.000	9	3	1	1
516012	PL.2890	A	Consumer	7.53Y	125.5	0.00	0.53	0.90	0	6	2	95	0.00	0.0	3.817	0.000	6	2	1	1
514931	PL.2890	A	Consumer	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	3.817	0.000	0	0	0	0
514914	PL.2890	A	Consumer	7.53Y	125.5	0.00	0.53	0.79	0	6	2	95	0.00	0.0	3.817	0.000	6	2	1	1
514802	PL.5803	A	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	3.619	0.000	0	0	0	0
PL.19032	PL.12750	C	4ACSR	7.35Y	122.5	0.01	3.45	7.54	6	52	18	94	0.00	0.0	3.593	0.034	0	0	0	13
PL.19033	PL.19032	C	4ACSR	7.35Y	122.5	0.01	3.46	5.49	5	38	13	95	0.00	0.0	3.627	0.034	0	0	0	9
PL.3451	PL.19033	C	4ACSR	7.35Y	122.5	0.00	3.47	1.85	2	13	4	96	0.00	0.0	3.661	0.033	0	0	0	4
513702	PL.3451	C	Consumer	7.35Y	122.5	0.00	3.47	0.26	0	2	1	89	0.00	0.0	3.661	0.000	2	1	1	1
513812	PL.3451	C	Consumer	7.35Y	122.5	0.00	3.47	0.48	0	3	1	95	0.00	0.0	3.661	0.000	3	1	1	1
513801	PL.3451	C	Consumer	7.35Y	122.5	0.00	3.47	0.29	0	2	1	89	0.00	0.0	3.661	0.000	2	1	1	1
513815	PL.3451	C	Consumer	7.35Y	122.5	0.00	3.47	0.82	0	6	2	95	0.00	0.0	3.661	0.000	6	2	1	1
514807	PL.19033	C	Consumer	7.35Y	122.5	0.00	3.46	0.85	0	6	2	95	0.00	0.0	3.627	0.000	6	2	1	1
514803	PL.19033	C	Consumer	7.35Y	122.5	0.00	3.46	0.70	0	5	2	93	0.00	0.0	3.627	0.000	5	2	1	1
514804	PL.19033	C	Consumer	7.35Y	122.5	0.00	3.46	0.89	0	6	2	95	0.00	0.0	3.627	0.000	6	2	1	1
5148020	PL.19033	C	Consumer	7.35Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	3.627	0.000	0	0	0	0
514805	PL.19033	C	Consumer	7.35Y	122.5	0.00	3.46	0.54	0	4	1	97	0.00	0.0	3.627	0.000	4	1	1	1
513832	PL.19033	C	Consumer	7.35Y	122.5	0.00	3.46	0.66	0	5	2	93	0.00	0.0	3.627	0.000	5	2	1	1
514809	PL.19032	C	Consumer	7.35Y	122.5	0.00	3.45	0.78	0	5	2	93	0.00	0.0	3.593	0.000	5	2	1	1
514812	PL.19032	C	Consumer	7.35Y	122.5	0.00	3.45	0.96	0	7	2	96	0.00	0.0	3.593	0.000	7	2	1	1
514810	PL.19032	C	Consumer	7.35Y	122.5	0.00	3.45	0.08	0	1	0	100	0.00	0.0	3.593	0.000	1	0	1	1
514806	PL.19032	C	Consumer	7.35Y	122.5	0.00	3.45	0.23	0	2	1	89	0.00	0.0	3.593	0.000	2	1	1	1
PL.3438	PL.12750	A	4ACSR	7.53Y	125.5	0.00	0.45	0.73	1	5	2	93	0.00	0.0	3.595	0.036	0	0	0	2
514907	PL.3438	A	Consumer	7.53Y	125.5	0.00	0.45	0.71	0	5	2	93	0.00	0.0	3.595	0.000	5	2	1	1
514903	PL.3438	A	Consumer	7.53Y	125.5	0.00	0.45	0.02	0	0	0	100	0.00	0.0	3.595	0.000	0	0	1	1
PL.5799	PL.12751	C	4ACSR	7.35Y	122.6	0.01	3.45	6.25	5	43	15	94	0.00	0.0	3.550	0.032	0	0	0	7
PL.5800	PL.5799	C	4ACSR	7.35Y	122.5	0.00	3.45	4.63	4	32	11	95	0.00	0.0	3.560	0.010	0	0	0	5
513817	PL.5800	C	Consumer	7.35Y	122.5	0.00	3.45	0.65	0	5	2	93	0.00	0.0	3.560	0.000	5	2	1	1

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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-----			
							Accum Drop	Thru Amps	% Cap	mi Length (mi)	KW							KVAR	Cons On	Cons Thru	
513819	PL.5800	C	Consumer	7.35Y	122.5	0.00	3.45	0.99	0	7	2	96	0.00	0.0	3.560	0.000	7	2	1	1	
513834	PL.5800	C	Consumer	7.35Y	122.5	0.00	3.45	0.66	0	5	2	93	0.00	0.0	3.560	0.000	5	2	1	1	
513818	PL.5800	C	Consumer	7.35Y	122.5	0.00	3.45	1.00	0	7	2	96	0.00	0.0	3.560	0.000	7	2	1	1	
513820	PL.5800	C	Consumer	7.35Y	122.5	0.00	3.45	1.33	0	9	3	95	0.00	0.0	3.560	0.000	9	3	1	1	
513823	PL.5799	C	Consumer	7.35Y	122.6	0.00	3.45	0.53	0	4	1	97	0.00	0.0	3.550	0.000	4	1	1	1	
514913	PL.5799	C	Consumer	7.35Y	122.6	0.00	3.45	1.09	0	8	3	94	0.00	0.0	3.550	0.000	8	3	1	1	
513919	PL.5799	C	Consumer	7.35Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	3.550	0.000	0	0	0	0	
PL.3439	PL.20225	C	4ACSR	7.35Y	122.6	0.01	3.44	5.14	4	36	12	95	0.00	0.0	3.510	0.025	0	0	0	10	
PL.25018	PL.3439	C	4ACSR	7.35Y	122.6	0.01	3.45	3.19	3	22	8	94	0.00	0.0	3.554	0.043	0	0	0	6	
513807	PL.25018	C	Consumer	7.35Y	122.6	0.00	3.45	0.50	0	3	1	95	0.00	0.0	3.554	0.000	3	1	1	1	
513816	PL.25018	C	Consumer	7.35Y	122.6	0.00	3.45	0.84	0	6	2	95	0.00	0.0	3.554	0.000	6	2	1	1	
513833	PL.25018	C	Consumer	7.35Y	122.6	0.00	3.45	0.54	0	4	1	97	0.00	0.0	3.554	0.000	4	1	1	1	
PL.25019	PL.25018	C	4ACSR	7.35Y	122.6	0.00	3.45	1.32	1	9	3	95	0.00	0.0	3.574	0.021	0	0	0	3	
513831	PL.25019	C	Consumer	7.35Y	122.6	0.00	3.45	0.87	0	6	2	95	0.00	0.0	3.574	0.000	6	2	1	1	
513806	PL.25019	C	Consumer	7.35Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	3.574	0.000	0	0	0	0	
513828	PL.25019	C	Consumer	7.35Y	122.6	0.00	3.45	0.37	0	3	1	95	0.00	0.0	3.574	0.000	3	1	1	1	
513826	PL.25019	C	Consumer	7.35Y	122.6	0.00	3.45	0.08	0	1	0	100	0.00	0.0	3.574	0.000	1	0	1	1	
513901	PL.3439	C	Consumer	7.35Y	122.6	0.00	3.44	0.00	0	0	0	100	0.00	0.0	3.510	0.000	0	0	0	0	
513927	PL.3439	C	Consumer	7.35Y	122.6	0.00	3.44	0.37	0	3	1	95	0.00	0.0	3.510	0.000	3	1	1	1	
513924	PL.3439	C	Consumer	7.35Y	122.6	0.00	3.44	0.64	0	4	2	89	0.00	0.0	3.510	0.000	4	2	1	1	
513914	PL.3439	C	Consumer	7.35Y	122.6	0.00	3.44	0.61	0	4	1	97	0.00	0.0	3.510	0.000	4	1	1	1	
513827	PL.3439	C	Consumer	7.35Y	122.6	0.00	3.44	0.34	0	2	1	89	0.00	0.0	3.510	0.000	2	1	1	1	
PL.43529	PL.20057	B	4ACSR	7.33Y	122.2	0.01	3.81	17.37	15	118	49	92	0.01	0.0	3.428	0.008	0	0	0	27	
PD.3715	PL.43529	B	25V4E	7.33Y	122.2	0.00	3.81	17.37	69	118	49	92	0.00	0.0	3.428	0.000	0	0	0	27	
PL.43530	PD.3715	B	4ACSR	7.33Y	122.2	0.01	3.82	17.37	15	118	49	92	0.01	0.0	3.437	0.009	0	0	0	27	
PL.5802	PL.43530	B	4ACSR	7.33Y	122.2	0.02	3.84	12.43	10	84	35	92	0.01	0.0	3.470	0.033	0	0	0	17	
PL.3442	PL.5802	B	4ACSR	7.33Y	122.1	0.03	3.87	12.43	10	84	35	92	0.02	0.0	3.524	0.054	0	0	0	17	
515019	PL.3442	B	Consumer	7.33Y	122.1	0.00	3.87	0.50	0	3	1	95	0.00	0.0	3.524	0.000	3	1	1	1	
PL.19991	PL.3442	B	4ACSR	7.33Y	122.1	0.02	3.89	4.66	4	32	12	94	0.00	0.0	3.609	0.085	0	0	0	9	
PL.19862	PL.19991	B	4ACSR	7.33Y	122.1	0.00	3.89	3.71	3	25	9	94	0.00	0.0	3.616	0.007	0	0	0	7	
515016	PL.19862	B	Consumer	7.33Y	122.1	0.00	3.89	0.00	0	0	0	100	0.00	0.0	3.616	0.000	0	0	0	0	
515018	PL.19862	B	Consumer	7.33Y	122.1	0.00	3.89	0.53	0	4	2	89	0.00	0.0	3.616	0.000	4	2	1	1	
PL.25013	PL.19862	B	4ACSR	7.33Y	122.1	0.00	3.89	3.18	3	22	8	94	0.00	0.0	3.639	0.024	0	0	0	6	
PL.25014	PL.25013	B	4ACSR	7.33Y	122.1	0.00	3.89	0.41	0	3	1	95	0.00	0.0	3.673	0.033	0	0	0	2	
516003	PL.25014	B	Consumer	7.33Y	122.1	0.00	3.89	0.06	0	0	0	100	0.00	0.0	3.673	0.000	0	0	1	1	
516016	PL.25014	B	Consumer	7.33Y	122.1	0.00	3.89	0.36	0	2	1	89	0.00	0.0	3.673	0.000	2	1	1	1	
516002	PL.25013	B	Consumer	7.33Y	122.1	0.00	3.89	0.10	0	1	0	100	0.00	0.0	3.639	0.000	1	0	1	1	
516013	PL.25013	B	Consumer	7.33Y	122.1	0.00	3.89	0.99	0	7	2	96	0.00	0.0	3.639	0.000	7	2	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	KVAR	% PF	kW Loss							% Loss
516008	PL.25013	B	Consumer	7.33Y	122.1	0.00	3.89	0.70	0	5	2	93	0.00	0.0	3.639	0.000	5	2	1	1
516001	PL.25013	B	Consumer	7.33Y	122.1	0.00	3.89	0.98	0	7	2	96	0.00	0.0	3.639	0.000	7	2	1	1
515020	PL.19991	B	Consumer	7.33Y	122.1	0.00	3.89	0.36	0	2	1	89	0.00	0.0	3.609	0.000	2	1	1	1
516005	PL.19991	B	Consumer	7.33Y	122.1	0.00	3.89	0.00	0	0	0	100	0.00	0.0	3.609	0.000	0	0	0	0
515006	PL.19991	B	Consumer	7.33Y	122.1	0.00	3.89	0.00	0	0	0	100	0.00	0.0	3.609	0.000	0	0	0	0
516017	PL.19991	B	Consumer	7.33Y	122.1	0.00	3.89	0.59	0	4	1	97	0.00	0.0	3.609	0.000	4	1	1	1
PL.38658	PL.3442	B	4ACSR	7.33Y	122.1	0.00	3.87	7.28	6	49	22	91	0.00	0.0	3.532	0.008	0	0	0	7
C PD.7052	PL.38658	B	fuse6AMP	7.33Y	122.1	0.00	3.87	7.28	124	49	22	91	0.00	0.0	3.532	0.000	0	0	0	7 C
PL.38657	PD.7052	B	4ACSR	7.33Y	122.1	0.01	3.88	7.28	6	49	22	91	0.00	0.0	3.564	0.033	0	0	0	7
PL.3437	PL.38657	B	4ACSR	7.33Y	122.1	0.00	3.88	2.51	2	17	6	94	0.00	0.0	3.584	0.019	0	0	0	6
514917	PL.3437	B	Consumer	7.33Y	122.1	0.00	3.88	1.03	0	7	2	96	0.00	0.0	3.584	0.000	7	2	1	1
514911	PL.3437	B	Consumer	7.33Y	122.1	0.00	3.88	0.30	0	2	1	89	0.00	0.0	3.584	0.000	2	1	1	1
514906	PL.3437	B	Consumer	7.33Y	122.1	0.00	3.88	0.66	0	5	2	93	0.00	0.0	3.584	0.000	5	2	1	1
513904	PL.3437	B	Consumer	7.33Y	122.1	0.00	3.88	0.35	0	2	1	89	0.00	0.0	3.584	0.000	2	1	1	1
PL.3441	PL.3437	B	4ACSR	7.33Y	122.1	0.00	3.88	0.16	0	1	0	100	0.00	0.0	3.619	0.035	0	0	0	2
514920	PL.3441	B	Consumer	7.33Y	122.1	0.00	3.88	0.06	0	0	0	100	0.00	0.0	3.619	0.000	0	0	1	1
515010	PL.3441	B	Consumer	7.33Y	122.1	0.00	3.88	0.11	0	1	0	100	0.00	0.0	3.619	0.000	1	0	1	1
514002	PL.38657	B	Consumer	7.33Y	122.1	0.00	3.88	4.78	0	32	15	91	0.00	0.0	3.564	0.000	32	15	1	1
513929	PL.43530	B	Consumer	7.33Y	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	3.437	0.000	0	0	0	0
513925	PL.43530	B	Consumer	7.33Y	122.2	0.00	3.82	1.06	0	7	3	92	0.00	0.0	3.437	0.000	7	3	1	1
513931	PL.43530	B	Consumer	7.33Y	122.2	0.00	3.82	0.26	0	2	1	89	0.00	0.0	3.437	0.000	2	1	1	1
513910	PL.43530	B	Consumer	7.33Y	122.2	0.00	3.82	0.78	0	5	2	93	0.00	0.0	3.437	0.000	5	2	1	1
513912	PL.43530	B	Consumer	7.33Y	122.2	0.00	3.82	0.66	0	5	2	93	0.00	0.0	3.437	0.000	5	2	1	1
513932	PL.43530	B	Consumer	7.33Y	122.2	0.00	3.82	0.23	0	2	1	89	0.00	0.0	3.437	0.000	2	1	1	1
513928	PL.43530	B	Consumer	7.33Y	122.2	0.00	3.82	0.92	0	6	3	89	0.00	0.0	3.437	0.000	6	3	1	1
513915	PL.43530	B	Consumer	7.33Y	122.2	0.00	3.82	0.16	0	1	0	100	0.00	0.0	3.437	0.000	1	0	1	1
513926	PL.43530	B	Consumer	7.33Y	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	3.437	0.000	0	0	0	0
513909	PL.43530	B	Consumer	7.33Y	122.2	0.00	3.82	0.54	0	4	1	97	0.00	0.0	3.437	0.000	4	1	1	1
513930	PL.43530	B	Consumer	7.33Y	122.2	0.00	3.82	0.08	0	1	0	100	0.00	0.0	3.437	0.000	1	0	1	1
513933	PL.43530	B	Consumer	7.33Y	122.2	0.00	3.82	0.24	0	2	1	89	0.00	0.0	3.437	0.000	2	1	1	1
512921	PL.19444	B	Consumer	7.33Y	122.2	0.00	3.78	0.00	0	0	0	100	0.00	0.0	3.343	0.000	0	0	0	0
512922	PL.19444	B	Consumer	7.33Y	122.2	0.00	3.78	0.00	0	0	0	100	0.00	0.0	3.343	0.000	0	0	0	0
512820	PL.19766	A C	Consumer	7.54Y 7.36Y	125.6 122.6	0.00 0.00	0.40 3.41	0.41 0.42	0 0	3 3	1 1	95 94	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	7.54Y	125.6	0.00	0.40	0.79	0	6	2	95	0.00	0.0	3.284	0.000	6	2	1	1
512813	PL.19766	A	Consumer	7.54Y	125.6	0.00	0.40	0.55	0	4	1	97	0.00	0.0	3.284	0.000	4	1	1	1
512818	PL.19766	A	Consumer	7.54Y	125.6	0.00	0.40	0.68	0	5	2	93	0.00	0.0	3.284	0.000	5	2	1	1
512810	PL.19766	A	Consumer	7.54Y	125.6	0.00	0.40	1.31	0	9	3	95	0.00	0.0	3.284	0.000	9	3	1	1
512812	PL.19766	A	Consumer	7.54Y	125.6	0.00	0.40	0.33	0	2	1	89	0.00	0.0	3.284	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
512903	PL.19766	A	Consumer	7.54Y	125.6	0.00	0.40	0.95	0	7	2	96	0.00	0.0	3.284	0.000	7	2	1	1
PL.12754	PL.19766	C	4ACSR	7.35Y	122.6	0.01	3.43	5.46	5	38	13	95	0.00	0.0	3.338	0.054	0	0	0	9
PL.12752	PL.12754	C	4ACSR	7.35Y	122.6	0.02	3.44	4.84	4	34	12	94	0.00	0.0	3.409	0.071	0	0	0	8
513830	PL.12752	C	Consumer	7.35Y	122.6	0.00	3.44	0.00	0	0	0	100	0.00	0.0	3.409	0.000	0	0	0	0
513813	PL.12752	C	Consumer	7.35Y	122.6	0.00	3.44	0.12	0	1	0	100	0.00	0.0	3.409	0.000	1	0	1	1
513802	PL.12752	C	Consumer	7.35Y	122.6	0.00	3.44	0.02	0	0	0	100	0.00	0.0	3.409	0.000	0	0	1	1
513805	PL.12752	C	Consumer	7.35Y	122.6	0.00	3.44	0.66	0	5	2	93	0.00	0.0	3.409	0.000	5	2	1	1
513836	PL.12752	C	Consumer	7.35Y	122.6	0.00	3.44	0.00	0	0	0	100	0.00	0.0	3.409	0.000	0	0	0	0
513825	PL.12752	C	Consumer	7.35Y	122.6	0.00	3.44	0.20	0	1	0	100	0.00	0.0	3.409	0.000	1	0	1	1
513704	PL.12752	C	Consumer	7.35Y	122.6	0.00	3.44	0.49	0	3	1	95	0.00	0.0	3.409	0.000	3	1	1	1
PL.3450	PL.12752	C	4ACSR	7.35Y	122.6	0.00	3.45	3.35	3	23	8	94	0.00	0.0	3.423	0.014	0	0	0	3
PL.7205	PL.3450	C	4ACSR	7.35Y	122.6	0.00	3.45	2.20	2	15	5	95	0.00	0.0	3.444	0.021	0	0	0	2
513705	PL.7205	C	Consumer	7.35Y	122.6	0.00	3.45	1.54	0	11	4	94	0.00	0.0	3.444	0.000	11	4	1	1
PL.7206	PL.7205	C	4ACSR	7.35Y	122.6	0.00	3.45	0.66	1	5	2	93	0.00	0.0	3.471	0.027	0	0	0	1
513703	PL.7206	C	Consumer	7.35Y	122.6	0.00	3.45	0.66	0	5	2	93	0.00	0.0	3.471	0.000	5	2	1	1
513701	PL.3450	C	Consumer	7.35Y	122.6	0.00	3.45	1.14	0	8	3	94	0.00	0.0	3.423	0.000	8	3	1	1
513829	PL.12754	C	Consumer	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	3.338	0.000	0	0	0	0
512821	PL.12754	C	Consumer	7.35Y	122.6	0.00	3.43	0.62	0	4	2	89	0.00	0.0	3.338	0.000	4	2	1	1
512815	PL.195	A	Consumer	7.54Y	125.6	0.00	0.37	0.67	0	5	2	93	0.00	0.0	3.183	0.000	5	2	1	1
		C		7.36Y	122.6	0.00	3.40	0.68	0	5	2	90					5	2	1	1
511819	PL.195	A	Consumer	7.54Y	125.6	0.00	0.37	0.94	0	7	2	96	0.00	0.0	3.183	0.000	7	2	1	1
511805	PL.195	A	Consumer	7.54Y	125.6	0.00	0.37	0.87	0	6	2	95	0.00	0.0	3.183	0.000	6	2	1	1
PL.3444	PL.195	A	336ACSR	7.54Y	125.6	-0.00	0.37	0.26	0	2	1	89	0.00	0.0	3.232	0.049	0	0	0	1
		B		7.34Y	122.3	0.00	3.71	0.27	0	2	1	90					0	0	0	1
		C		7.36Y	122.6	0.00	3.41	7.12	2	49	17	94					0	0	0	11
512705	PL.3444	A	Consumer	7.54Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	3.232	0.000	0	0	0	0
511713	PL.3444	C	Consumer	7.36Y	122.6	0.00	3.41	0.98	0	7	2	96	0.00	0.0	3.232	0.000	7	2	1	1
5127010	PL.3444	A	Consumer	7.54Y	125.6	0.00	0.37	0.26	0	2	1	89	0.00	0.0	3.232	0.000	2	1	1	1
		B		7.34Y	122.3	0.00	3.71	0.27	0	2	1	90					2	1	1	1
5127011	5127010	A	Consumer	7.54Y	125.6	0.00	0.37	0.02	0	0	0	100	0.00	0.0	3.232	0.000	0	0	1	1
		B		7.34Y	122.3	0.00	3.71	0.02	0	0	0	90					0	0	1	1
512702	PL.3444	C	Consumer	7.36Y	122.6	0.00	3.41	0.45	0	3	1	95	0.00	0.0	3.232	0.000	3	1	1	1
512709	PL.3444	C	Consumer	7.36Y	122.6	0.00	3.41	0.89	0	6	2	95	0.00	0.0	3.232	0.000	6	2	1	1
512708	PL.3444	C	Consumer	7.36Y	122.6	0.00	3.41	0.01	0	0	0	100	0.00	0.0	3.232	0.000	0	0	1	1
512704	PL.3444	C	Consumer	7.36Y	122.6	0.00	3.41	0.58	0	4	1	97	0.00	0.0	3.232	0.000	4	1	1	1
512706	PL.3444	C	Consumer	7.36Y	122.6	0.00	3.41	1.67	0	12	4	95	0.00	0.0	3.232	0.000	12	4	1	1
512701	PL.3444	C	Consumer	7.36Y	122.6	0.00	3.41	0.36	0	3	1	95	0.00	0.0	3.232	0.000	3	1	1	1
PL.33248	PL.3444	C	4ACSR	7.36Y	122.6	0.00	3.41	2.18	2	15	5	95	0.00	0.0	3.266	0.034	0	0	0	4
512806	PL.33248	C	Consumer	7.36Y	122.6	0.00	3.41	0.98	0	7	2	96	0.00	0.0	3.266	0.000	7	2	1	1
512707	PL.33248	C	Consumer	7.36Y	122.6	0.00	3.41	0.22	0	2	1	89	0.00	0.0	3.266	0.000	2	1	1	1
512807	PL.33248	C	Consumer	7.36Y	122.6	0.00	3.41	0.46	0	3	1	95	0.00	0.0	3.266	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.36Y	122.6	0.00	3.41	0.52	0	4	1	97	0.00	0.0	3.266	0.000	4	1	1	1
PL.15800	PL.20087	A	4ACSR	7.54Y	125.6	0.00	0.36	4.47	4	32	11	95	0.00	0.0	3.125	0.006	0	0	0	8
PD.2419	PL.15800	A	fuse6AMP	7.54Y	125.6	0.00	0.36	4.47	76	32	11	95	0.00	0.0	3.125	0.000	0	0	0	8
PL.15801	PD.2419	A	4ACSR	7.54Y	125.6	0.01	0.37	4.47	4	32	11	95	0.00	0.0	3.153	0.028	0	0	0	8
PL.12757	PL.15801	A	4ACSR	7.54Y	125.6	0.01	0.37	3.80	3	27	9	95	0.00	0.0	3.192	0.039	0	0	0	5
510723	PL.12757	A	Consumer	7.54Y	125.6	0.00	0.37	0.29	0	2	1	89	0.00	0.0	3.192	0.000	2	1	1	1
510713	PL.12757	A	Consumer	7.54Y	125.6	0.00	0.37	0.49	0	4	1	97	0.00	0.0	3.192	0.000	4	1	1	1
510712	PL.12757	A	Consumer	7.54Y	125.6	0.00	0.37	1.38	0	10	3	96	0.00	0.0	3.192	0.000	10	3	1	1
510722	PL.12757	A	Consumer	7.54Y	125.6	0.00	0.37	0.75	0	5	2	93	0.00	0.0	3.192	0.000	5	2	1	1
510714	PL.12757	A	Consumer	7.54Y	125.6	0.00	0.37	0.90	0	6	2	95	0.00	0.0	3.192	0.000	6	2	1	1
510801	PL.15801	A	Consumer	7.54Y	125.6	0.00	0.37	0.28	0	2	1	89	0.00	0.0	3.153	0.000	2	1	1	1
511821	PL.15801	A	Consumer	7.54Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	3.153	0.000	0	0	0	0
511822	PL.15801	A	Consumer	7.54Y	125.6	0.00	0.37	0.04	0	0	0	100	0.00	0.0	3.153	0.000	0	0	1	1
511817	PL.15801	A	Consumer	7.54Y	125.6	0.00	0.37	0.34	0	2	1	89	0.00	0.0	3.153	0.000	2	1	1	1
511801	PL.15801	A	Consumer	7.54Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	3.153	0.000	0	0	0	0
511820	PL.20087	B	Consumer	7.34Y	122.3	0.00	3.68	0.61	0	4	1	97	0.00	0.0	3.119	0.000	4	1	1	1
511823	PL.20087	B	Consumer	7.34Y	122.3	0.00	3.68	0.42	0	3	1	95	0.00	0.0	3.119	0.000	3	1	1	1
511807	PL.20087	C	Consumer	7.36Y	122.6	0.00	3.39	1.13	0	8	3	94	0.00	0.0	3.119	0.000	8	3	1	1
511804	PL.20087	B	Consumer	7.34Y	122.3	0.00	3.68	0.50	0	3	1	95	0.00	0.0	3.119	0.000	3	1	1	1
PL.194	PL.24821	A	336ACSR	7.55Y	125.8	-0.01	0.24	18.67	4	141	-1	-100	0.10	0.0	2.766	0.026	0	0	0	13
		B		7.35Y	122.4	0.01	3.58	33.66	8	245	33	99			0	0	0	0	33	
		C		7.36Y	122.6	0.03	3.36	101.62	23	719	206	96			0	0	0	0	119	
509001	PL.194	B	Consumer	7.35Y	122.4	0.00	3.58	0.83	0	6	2	95	0.00	0.0	2.766	0.000	6	2	1	1
509003	PL.194	B	Consumer	7.35Y	122.4	0.00	3.58	0.25	0	2	1	89	0.00	0.0	2.766	0.000	2	1	1	1
PL.375	PL.194	A	336ACSR	7.55Y	125.8	-0.03	0.21	18.67	4	141	-1	-100	0.24	0.0	2.826	0.060	0	0	0	13
		B		7.34Y	122.4	0.03	3.60	32.61	7	238	30	99			0	0	0	0	31	
		C		7.35Y	122.6	0.06	3.42	101.62	23	719	206	96			0	0	0	0	119	
PL.7904	PL.375	A	397ACSR	7.55Y	125.8	-0.00	0.21	6.09	1	43	15	94	0.01	0.0	2.898	0.072	0	0	0	6
		B		7.34Y	122.4	0.00	3.61	3.76	1	26	10	94			0	0	0	0	6	
		C		7.35Y	122.6	0.01	3.44	18.62	4	130	44	95			0	0	0	0	25	
071601	PL.7904	A	Consumer	7.55Y	125.8	0.00	0.21	1.73	0	12	4	95	0.00	0.0	2.898	0.000	12	4	1	1
PL.28984	PL.7904	A	397ACSR	7.55Y	125.8	-0.00	0.21	4.36	1	31	11	94	0.00	0.0	2.931	0.034	0	0	0	5
		B		7.34Y	122.4	0.00	3.61	3.76	1	26	10	94			0	0	0	0	6	
		C		7.35Y	122.6	0.01	3.44	18.62	4	130	44	95			0	0	0	0	25	
PL.28985	PL.28984	A	397ACSR	7.55Y	125.8	-0.00	0.21	3.13	1	22	8	94	0.00	0.0	2.940	0.009	0	0	0	4
		B		7.34Y	122.4	0.00	3.61	3.76	1	26	10	94			0	0	0	0	6	
		C		7.35Y	122.6	0.00	3.44	18.62	4	130	44	95			0	0	0	0	25	
PL.15846	PL.28985	A	397ACSR	7.55Y	125.8	-0.00	0.20	3.13	1	22	8	94	0.00	0.0	2.946	0.006	0	0	0	4
		B		7.34Y	122.4	0.00	3.61	3.76	1	26	10	94			0	0	0	0	6	
		C		7.35Y	122.6	0.00	3.44	18.62	4	130	44	95			0	0	0	0	25	
PD.3622	PL.15846	A	70V4E	7.55Y	125.8	0.00	0.20	3.13	4	22	8	94	0.00	0.0	2.946	0.000	0	0	0	4
		B		7.34Y	122.4	0.00	3.61	3.76	5	26	10	94			0	0	0	0	6	
		C		7.35Y	122.6	0.00	3.44	18.62	27	130	44	95			0	0	0	0	25	
PL.15847	PD.3622	A	397ACSR	7.55Y	125.8	-0.00	0.20	3.13	1	22	8	94	0.00	0.0	2.985	0.039	0	0	0	4
		B		7.34Y	122.4	0.00	3.61	3.76	1	26	10	94			0	0	0	0	6	
		C		7.35Y	122.5	0.01	3.45	18.62	4	130	44	95			0	0	0	0	25	

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
071652	PL.15847	A	Consumer	7.55Y	125.8	0.00	0.20	0.43	0	3	1	95	0.00	0.0	2.985	0.000	3	1	1	1
071622	PL.15847	A	Consumer	7.55Y	125.8	0.00	0.20	1.59	0	11	4	94	0.00	0.0	2.985	0.000	11	4	1	1
PL.13849	PL.15847	A	397ACSR	7.55Y	125.8	-0.01	0.19	1.10	0	8	3	94	0.01	0.0	3.061	0.076	0	0	0	2
		B		7.34Y	122.4	0.01	3.62	3.76	1	26	10	94					0	0	0	6
		C		7.35Y	122.5	0.01	3.47	18.62	4	130	44	95					0	0	0	25
PL.13850	PL.13849	A	397ACSR	7.55Y	125.8	-0.02	0.17	1.10	0	8	3	94	0.02	0.0	3.262	0.202	0	0	0	2
		B		7.34Y	122.4	0.02	3.64	3.76	1	26	10	94					0	0	0	6
		C		7.35Y	122.5	0.03	3.50	17.16	3	119	41	95					0	0	0	24
PL.15850	PL.13850	B	4ACSR	7.34Y	122.4	0.00	3.64	0.19	0	1	1	71	0.00	0.0	3.268	0.005	0	0	0	1
PD.3204	PL.15850	B	fuse6AMP	7.34Y	122.4	0.00	3.64	0.19	3	1	1	71	0.00	0.0	3.268	0.000	0	0	0	1
PL.15851	PD.3204	B	4ACSR	7.34Y	122.4	0.00	3.64	0.19	0	1	1	71	0.00	0.0	3.339	0.072	0	0	0	1
071603	PL.15851	B	Consumer	7.34Y	122.4	0.00	3.64	0.00	0	0	0	100	0.00	0.0	3.339	0.000	0	0	0	0
071625	PL.15851	B	Consumer	7.34Y	122.4	0.00	3.64	0.19	0	1	1	71	0.00	0.0	3.339	0.000	1	1	1	1
PL.13851	PL.13850	A	397ACSR	7.55Y	125.9	-0.02	0.15	1.10	0	8	3	94	0.02	0.0	3.511	0.249	0	0	0	2
		B		7.34Y	122.3	0.02	3.66	3.57	1	25	9	94					0	0	0	5
		C		7.35Y	122.5	0.04	3.54	17.16	3	119	41	95					0	0	0	24
PL.7614	PL.13851	A	397ACSR	7.55Y	125.9	-0.00	0.15	1.10	0	8	3	94	0.00	0.0	3.550	0.039	0	0	0	2
		B		7.34Y	122.3	0.00	3.66	3.57	1	25	9	94					0	0	0	5
		C		7.35Y	122.5	0.01	3.55	17.16	3	119	41	95					0	0	0	24
PL.7897	PL.7614	A	397ACSR	7.55Y	125.9	-0.04	0.10	1.10	0	8	3	94	0.04	0.0	3.955	0.405	0	0	0	2
		B		7.34Y	122.3	0.03	3.69	2.31	0	16	6	93					0	0	0	2
		C		7.34Y	122.4	0.07	3.62	17.16	3	119	41	95					0	0	0	24
PL.13852	PL.7897	C	1/0EPRJCN	7.34Y	122.4	0.00	3.62	7.20	4	50	16	95	0.00	0.0	3.967	0.011	0	0	0	8
PL.13853	PL.13852	C	1/0EPRJCN	7.34Y	122.4	0.01	3.63	7.20	4	50	16	95	0.00	0.0	4.038	0.071	0	0	0	8
PL.13854	PL.13853	C	1/0EPRJCN	7.34Y	122.4	0.00	3.64	6.45	3	45	15	95	0.00	0.0	4.067	0.029	0	0	0	6
PL.20165	PL.13854	C	1/0EPRJCN	7.34Y	122.4	0.01	3.64	4.49	2	31	10	95	0.00	0.0	4.131	0.064	0	0	0	4
072687	PL.20165	C	Consumer	7.34Y	122.4	0.00	3.64	0.59	0	4	1	97	0.00	0.0	4.131	0.000	4	1	1	1
PL.20166	PL.20165	C	1/0EPRJCN	7.34Y	122.3	0.01	3.65	3.91	2	27	9	95	0.00	0.0	4.197	0.066	0	0	0	3
072682	PL.20166	C	Consumer	7.34Y	122.3	0.00	3.65	1.50	0	10	4	93	0.00	0.0	4.197	0.000	10	4	1	1
072694	PL.20166	C	Consumer	7.34Y	122.3	0.00	3.65	1.15	0	8	3	94	0.00	0.0	4.197	0.000	8	3	1	1
072688	PL.20166	C	Consumer	7.34Y	122.3	0.00	3.65	1.27	0	9	3	95	0.00	0.0	4.197	0.000	9	3	1	1
072691	PL.13854	C	Consumer	7.34Y	122.4	0.00	3.64	0.71	0	5	2	93	0.00	0.0	4.067	0.000	5	2	1	1
072686	PL.13854	C	Consumer	7.34Y	122.4	0.00	3.64	1.26	0	9	3	95	0.00	0.0	4.067	0.000	9	3	1	1
0726098	PL.13853	C	Consumer	7.34Y	122.4	0.00	3.63	0.74	0	5	2	93	0.00	0.0	4.038	0.000	5	2	1	1
0726104	PL.13853	C	Consumer	7.34Y	122.4	0.00	3.63	0.02	0	0	0	100	0.00	0.0	4.038	0.000	0	0	1	1
PL.13855	PL.7897	A	397ACSR	7.55Y	125.9	-0.00	0.10	1.10	0	8	3	94	0.00	0.0	3.995	0.040	0	0	0	2
		B		7.34Y	122.3	0.00	3.69	2.31	0	16	6	93					0	0	0	2
		C		7.34Y	122.4	0.00	3.63	9.97	2	69	24	94					0	0	0	16
PL.4510	PL.13855	B	4ACSR	7.34Y	122.3	0.00	3.69	0.59	0	4	2	89	0.00	0.0	4.077	0.081	0	0	0	1
072695	PL.4510	B	Consumer	7.34Y	122.3	0.00	3.69	0.59	0	4	2	89	0.00	0.0	4.077	0.000	4	2	1	1
PL.13856	PL.13855	A	397ACSR	7.55Y	125.9	-0.01	0.10	1.10	0	8	3	94	0.00	0.0	4.135	0.140	0	0	0	2
		B		7.34Y	122.3	0.01	3.69	1.73	0	12	4	94					0	0	0	1
		C		7.34Y	122.4	0.01	3.64	9.97	2	69	24	94					0	0	0	16
PL.13857	PL.13856	A	397ACSR	7.55Y	125.9	-0.01	0.09	1.10	0	8	3	94	0.00	0.0	4.260	0.125	0	0	0	2
		B		7.34Y	122.3	0.00	3.70	0.00	0	0	0	100					0	0	0	0
		C		7.34Y	122.3	0.01	3.65	9.97	2	69	24	94					0	0	0	16

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.4330	PL.13857	A	4ACSR	7.55Y	125.9	0.00	0.09	1.10	1	8	3	94	0.00	0.0	4.298	0.038	0	0	0	2		
072706	PL.4330	A	Consumer	7.55Y	125.9	0.00	0.09	0.00	0	0	0	100	0.00	0.0	4.298	0.000	0	0	1	1		
072710	PL.4330	A	Consumer	7.55Y	125.9	0.00	0.09	1.10	0	8	3	94	0.00	0.0	4.298	0.000	8	3	1	1		
PL.17310	PL.13857	C	4ACSR	7.34Y	122.3	0.00	3.65	0.00	0	0	0	100	0.00	0.0	4.265	0.006	0	0	0	0		
PD.3209	PL.17310	C	fuse6AMP	7.34Y	122.3	0.00	3.65	0.00	0	0	0	100	0.00	0.0	4.265	0.000	0	0	0	0		
PL.17311	PD.3209	C	4ACSR	7.34Y	122.3	0.00	3.65	0.00	0	0	0	100	0.00	0.0	4.312	0.047	0	0	0	0		
072717	PL.17311	C	Consumer	7.34Y	122.3	0.00	3.65	0.00	0	0	0	100	0.00	0.0	4.312	0.000	0	0	0	0		
PL.13858	PL.13857	A	397ACSR	7.56Y	125.9	-0.01	0.08	0.00	0	0	0	100	0.00	0.0	4.344	0.084	0	0	0	0		
		B		7.34Y	122.3	0.00	3.70	0.00	0	0	0	100					0	0	0	0		
		C		7.34Y	122.3	0.01	3.66	9.97	2	69	24	94					0	0	0	16		
PL.4508	PL.13858	C	4ACSR	7.34Y	122.3	0.00	3.67	1.62	1	11	4	94	0.00	0.0	4.382	0.038	0	0	0	2		
072715	PL.4508	C	Consumer	7.34Y	122.3	0.00	3.67	0.68	0	5	2	93	0.00	0.0	4.382	0.000	5	2	1	1		
072713	PL.4508	C	Consumer	7.34Y	122.3	0.00	3.67	0.94	0	6	2	95	0.00	0.0	4.382	0.000	6	2	1	1		
PL.376	PL.13858	A	397ACSR	7.56Y	125.9	0.00	0.08	0.00	0	0	0	100	0.00	0.0	4.472	0.128	0	0	0	0		
		B		7.34Y	122.3	0.00	3.70	0.00	0	0	0	100					0	0	0	0		
		C		7.34Y	122.3	0.00	3.66	0.00	0	0	0	100					0	0	0	0		
PD.3208-A	PL.376	A	Open	7.56Y	125.9	0.00	0.08	0.00	0	0	0	100	0.00	0.0	4.472	0.000	0	0	0	0		
		B		7.34Y	122.3	0.00	3.70	0.00	0	0	0	100					0	0	0	0		
		C		7.34Y	122.3	0.00	3.66	0.00	0	0	0	100					0	0	0	0		
PL.13859	PL.13858	C	4ACSR	7.34Y	122.3	0.03	3.69	8.35	7	58	20	95	0.01	0.0	4.413	0.069	0	0	0	14		
072714	PL.13859	C	Consumer	7.34Y	122.3	0.00	3.69	0.62	0	4	1	97	0.00	0.0	4.413	0.000	4	1	1	1		
PL.13860	PL.13859	C	4ACSR	7.34Y	122.3	0.01	3.70	5.96	5	41	14	95	0.00	0.0	4.456	0.043	0	0	0	11		
PL.4331	PL.13860	C	4ACSR	7.34Y	122.3	0.00	3.70	0.48	0	3	1	95	0.00	0.0	4.496	0.040	0	0	0	1		
072711	PL.4331	C	Consumer	7.34Y	122.3	0.00	3.70	0.48	0	3	1	95	0.00	0.0	4.496	0.000	3	1	1	1		
PL.32824	PL.13860	C	4ACSR	7.34Y	122.3	0.01	3.72	5.48	5	38	13	95	0.00	0.0	4.509	0.053	0	0	0	10		
PL.32825	PL.32824	C	4ACSR	7.34Y	122.3	0.01	3.73	4.92	4	34	12	94	0.00	0.0	4.559	0.050	0	0	0	9		
PL.13862	PL.32825	C	4ACSR	7.34Y	122.3	0.01	3.74	4.54	4	31	11	94	0.00	0.0	4.609	0.050	0	0	0	8		
072697	PL.13862	C	Consumer	7.34Y	122.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	4.609	0.000	0	0	0	0		
PL.13863	PL.13862	C	4ACSR	7.34Y	122.3	0.01	3.75	4.54	4	31	11	94	0.00	0.0	4.670	0.061	0	0	0	8		
PL.4506	PL.13863	C	4ACSR	7.33Y	122.2	0.00	3.75	0.83	1	6	2	95	0.00	0.0	4.708	0.038	0	0	0	1		
072692	PL.4506	C	Consumer	7.33Y	122.2	0.00	3.75	0.83	0	6	2	95	0.00	0.0	4.708	0.000	6	2	1	1		
PL.29906	PL.13863	C	4ACSR	7.33Y	122.2	0.02	3.76	3.71	3	26	9	94	0.00	0.0	4.759	0.089	0	0	0	7		
PL.29907	PL.29906	C	4ACSR	7.33Y	122.2	0.01	3.77	3.39	3	23	8	94	0.00	0.0	4.805	0.046	0	0	0	6		
071683	PL.29907	C	Consumer	7.33Y	122.2	0.00	3.77	0.01	0	0	0	100	0.00	0.0	4.805	0.000	0	0	1	1		
PL.13865	PL.29907	C	4ACSR	7.33Y	122.2	0.01	3.78	3.38	3	23	8	94	0.00	0.0	4.864	0.059	0	0	0	5		
071691	PL.13865	C	Consumer	7.33Y	122.2	0.00	3.78	1.05	0	7	3	92	0.00	0.0	4.864	0.000	7	3	1	1		
071689	PL.13865	C	Consumer	7.33Y	122.2	0.00	3.78	0.80	0	6	2	95	0.00	0.0	4.864	0.000	6	2	1	1		
0716097	PL.13865	C	Consumer	7.33Y	122.2	0.00	3.78	0.40	0	3	1	95	0.00	0.0	4.864	0.000	3	1	1	1		
PL.25200	PL.13865	C	4ACSR	7.33Y	122.2	0.00	3.78	1.13	1	8	3	94	0.00	0.0	4.916	0.051	0	0	0	2		
0716093	PL.25200	C	Consumer	7.33Y	122.2	0.00	3.78	0.44	0	3	1	95	0.00	0.0	4.916	0.000	3	1	1	1		
071681	PL.25200	C	Consumer	7.33Y	122.2	0.00	3.78	0.69	0	5	2	93	0.00	0.0	4.916	0.000	5	2	1	1		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
0716103	PL.25200	C	Consumer	7.33Y	122.2	0.00	3.78	0.00	0	0	0	100	0.00	0.0	4.916	0.000	0	0	0	0
0726102	PL.29906	C	Consumer	7.33Y	122.2	0.00	3.76	0.33	0	2	1	89	0.00	0.0	4.759	0.000	2	1	1	1
PL.4332	PL.32825	C	4ACSR	7.34Y	122.3	0.00	3.73	0.38	0	3	1	95	0.00	0.0	4.616	0.057	0	0	0	1
072610	PL.4332	C	Consumer	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	4.616	0.000	0	0	0	0
0727018	PL.4332	C	Consumer	7.34Y	122.3	0.00	3.73	0.38	0	3	1	95	0.00	0.0	4.616	0.000	3	1	1	1
0727019	PL.32824	C	Consumer	7.34Y	122.3	0.00	3.72	0.56	0	4	1	97	0.00	0.0	4.509	0.000	4	1	1	1
PL.4507	PL.13859	C	4ACSR	7.34Y	122.3	0.00	3.69	1.78	1	12	4	95	0.00	0.0	4.447	0.034	0	0	0	2
072712	PL.4507	C	Consumer	7.34Y	122.3	0.00	3.69	0.68	0	5	2	93	0.00	0.0	4.447	0.000	5	2	1	1
072716	PL.4507	C	Consumer	7.34Y	122.3	0.00	3.69	1.09	0	8	3	94	0.00	0.0	4.447	0.000	8	3	1	1
072670	PL.13856	B	Consumer	7.34Y	122.3	0.00	3.69	1.73	0	12	4	95	0.00	0.0	4.135	0.000	12	4	1	1
071604	PL.7614	B	Consumer	7.34Y	122.3	0.00	3.66	0.69	0	5	2	93	0.00	0.0	3.550	0.000	5	2	1	1
PL.15852	PL.7614	B	4ACSR	7.34Y	122.3	0.00	3.66	0.57	0	4	1	97	0.00	0.0	3.556	0.005	0	0	0	2
PD.3203	PL.15852	B	fuse6AMP	7.34Y	122.3	0.00	3.66	0.57	10	4	1	97	0.00	0.0	3.556	0.000	0	0	0	2
PL.15853	PD.3203	B	4ACSR	7.34Y	122.3	0.00	3.66	0.57	0	4	1	97	0.00	0.0	3.684	0.128	0	0	0	2
071608	PL.15853	B	Consumer	7.34Y	122.3	0.00	3.66	0.09	0	1	0	100	0.00	0.0	3.684	0.000	1	0	1	1
071661	PL.15853	B	Consumer	7.34Y	122.3	0.00	3.66	0.48	0	3	1	95	0.00	0.0	3.684	0.000	3	1	1	1
PL.15848	PL.13849	C	4ACSR	7.35Y	122.5	0.00	3.47	1.45	1	10	4	93	0.00	0.0	3.066	0.005	0	0	0	1
PD.3213	PL.15848	C	fuse6AMP	7.35Y	122.5	0.00	3.47	1.45	25	10	4	93	0.00	0.0	3.066	0.000	0	0	0	1
PL.15849	PD.3213	C	4ACSR	7.35Y	122.5	0.01	3.47	1.45	1	10	4	93	0.00	0.0	3.178	0.112	0	0	0	1
071633	PL.15849	C	Consumer	7.35Y	122.5	0.00	3.47	1.45	0	10	4	93	0.00	0.0	3.178	0.000	10	4	1	1
071648	PL.28984	A	Consumer	7.55Y	125.8	0.00	0.21	1.23	0	9	3	95	0.00	0.0	2.931	0.000	9	3	1	1
PL.15844	PL.375	A	336ACSR	7.55Y	125.8	-0.00	0.21	13.08	3	97	-16	-99	0.01	0.0	2.832	0.005	0	0	0	6
		B		7.34Y	122.4	0.00	3.61	28.96	7	212	21	100					0	0	0	25
		C		7.35Y	122.6	0.00	3.43	83.03	19	589	161	96					0	0	0	94
PD.3620	PL.15844	A	50L	7.55Y	125.8	0.00	0.21	13.08	26	97	-16	-99	0.00	0.0	2.832	0.000	0	0	0	6
		B		7.34Y	122.4	0.00	3.61	28.96	58	212	21	100					0	0	0	25
C		C		7.35Y	122.6	0.00	3.43	83.03	166	589	161	96					0	0	0	94 C
PL.15845	PD.3620	A	336ACSR	7.55Y	125.9	-0.11	0.10	13.08	3	97	-16	-99	0.71	0.1	3.099	0.267	0	0	0	6
		B		7.34Y	122.3	0.11	3.72	28.96	7	212	21	100					0	0	0	25
		C		7.34Y	122.4	0.21	3.64	83.03	19	589	161	96					0	0	0	94
PL.42659	PL.15845	A	336ACSR	7.55Y	125.9	-0.00	0.10	13.08	3	97	-16	-99	0.02	0.0	3.105	0.007	0	0	0	6
		B		7.34Y	122.3	0.00	3.72	28.96	7	211	21	100					0	0	0	25
		C		7.34Y	122.4	0.01	3.64	83.03	19	588	159	97					0	0	0	94
PL.42660	PL.42659	C	4ACSR	7.34Y	122.3	0.01	3.65	43.32	36	300	105	94	0.03	0.0	3.113	0.007	0	0	0	55
PL.15840	PL.42660	C	4ACSR	7.33Y	122.2	0.17	3.82	43.32	36	300	105	94	0.38	0.1	3.198	0.085	0	0	0	55
C PD.3618	PL.15840	C	25V4E	7.33Y	122.2	0.00	3.82	43.32	173	300	105	94	0.00	0.0	3.198	0.000	0	0	0	55 C
PL.15841	PD.3618	C	4ACSR	7.33Y	122.2	0.01	3.83	43.32	36	300	105	94	0.03	0.0	3.204	0.006	0	0	0	55
071634	PL.15841	C	Consumer	7.33Y	122.2	0.00	3.83	0.70	0	5	2	93	0.00	0.0	3.204	0.000	5	2	1	1
071629	PL.15841	C	Consumer	7.33Y	122.2	0.00	3.83	0.00	0	0	0	100	0.00	0.0	3.204	0.000	0	0	0	0
071641	PL.15841	C	Consumer	7.33Y	122.2	0.00	3.83	0.71	0	5	2	93	0.00	0.0	3.204	0.000	5	2	1	1
PL.13094	PL.15841	C	4ACSR	7.32Y	122.0	0.16	3.99	40.46	34	280	98	94	0.34	0.1	3.290	0.086	0	0	0	52
071637	PL.13094	C	Consumer	7.32Y	122.0	0.00	3.99	1.64	0	11	4	94	0.00	0.0	3.290	0.000	11	4	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
071640	PL.13094	C	Consumer	7.32Y	122.0	0.00	3.99	1.04	0	7	2	96	0.00	0.0	3.290	0.000	7	2	1	1
PL.13092	PL.13094	C	4ACSR	7.32Y	121.9	0.07	4.06	37.78	32	261	91	94	0.14	0.1	3.331	0.041	0	0	0	50
PL.13093	PL.13092	C	4ACSR	7.31Y	121.8	0.11	4.18	36.16	30	250	87	94	0.21	0.1	3.399	0.068	0	0	0	46
PL.34711	PL.13093	C	4ACSR	7.31Y	121.8	0.00	4.18	1.64	1	11	4	94	0.00	0.0	3.409	0.011	0	0	0	2
PD.4930	PL.34711	C	fuse6AMP	7.31Y	121.8	0.00	4.18	1.64	28	11	4	94	0.00	0.0	3.409	0.000	0	0	0	2
PL.34712	PD.4930	C	4ACSR	7.31Y	121.8	0.00	4.18	1.64	1	11	4	94	0.00	0.0	3.446	0.036	0	0	0	2
071657	PL.34712	C	Consumer	7.31Y	121.8	0.00	4.18	0.63	0	4	2	89	0.00	0.0	3.446	0.000	4	2	1	1
071672	PL.34712	C	Consumer	7.31Y	121.8	0.00	4.18	1.01	0	7	2	96	0.00	0.0	3.446	0.000	7	2	1	1
071630	PL.13093	C	Consumer	7.31Y	121.8	0.00	4.18	1.94	0	13	5	93	0.00	0.0	3.399	0.000	13	5	1	1
PL.13090	PL.13093	C	4ACSR	7.31Y	121.8	0.03	4.21	32.58	27	225	78	94	0.06	0.0	3.421	0.023	0	0	0	43
PL.13091	PL.13090	C	4ACSR	7.30Y	121.7	0.07	4.28	32.04	27	221	77	94	0.12	0.1	3.471	0.050	0	0	0	42
PL.13089	PL.13091	C	4ACSR	7.30Y	121.6	0.08	4.36	29.58	25	204	71	94	0.12	0.1	3.528	0.057	0	0	0	40
PL.34715	PL.13089	C	4ACSR	7.30Y	121.6	0.00	4.36	2.55	2	18	6	95	0.00	0.0	3.532	0.004	0	0	0	3
PD.4932	PL.34715	C	fuse6AMP	7.30Y	121.6	0.00	4.36	2.55	44	18	6	95	0.00	0.0	3.532	0.000	0	0	0	3
PL.34716	PD.4932	C	4ACSR	7.30Y	121.6	0.00	4.36	2.55	2	18	6	95	0.00	0.0	3.557	0.025	0	0	0	3
071656	PL.34716	C	Consumer	7.30Y	121.6	0.00	4.36	0.79	0	5	2	93	0.00	0.0	3.557	0.000	5	2	1	1
0716101	PL.34716	C	Consumer	7.30Y	121.6	0.00	4.36	0.00	0	0	0	100	0.00	0.0	3.557	0.000	0	0	0	0
071654	PL.34716	C	Consumer	7.30Y	121.6	0.00	4.36	0.95	0	7	2	96	0.00	0.0	3.557	0.000	7	2	1	1
071650	PL.34716	C	Consumer	7.30Y	121.6	0.00	4.36	0.00	0	0	0	100	0.00	0.0	3.557	0.000	0	0	0	0
071655	PL.34716	C	Consumer	7.30Y	121.6	0.00	4.36	0.00	0	0	0	100	0.00	0.0	3.557	0.000	0	0	0	0
0716100	PL.34716	C	Consumer	7.30Y	121.6	0.00	4.36	0.81	0	6	2	95	0.00	0.0	3.557	0.000	6	2	1	1
PL.20523	PL.13089	C	4ACSR	7.30Y	121.6	0.05	4.41	27.03	23	186	65	94	0.07	0.0	3.567	0.039	0	0	0	37
071647	PL.20523	C	Consumer	7.30Y	121.6	0.00	4.41	0.06	0	0	0	100	0.00	0.0	3.567	0.000	0	0	1	1
071670	PL.20523	C	Consumer	7.30Y	121.6	0.00	4.41	1.34	0	9	3	95	0.00	0.0	3.567	0.000	9	3	1	1
071643	PL.20523	C	Consumer	7.30Y	121.6	0.00	4.41	1.33	0	9	3	95	0.00	0.0	3.567	0.000	9	3	1	1
PL.20522	PL.20523	C	4ACSR	7.29Y	121.6	0.04	4.45	24.31	20	167	58	94	0.05	0.0	3.605	0.037	0	0	0	34
PL.8072	PL.20522	C	4ACSR	7.29Y	121.5	0.07	4.52	22.36	19	154	54	94	0.09	0.1	3.678	0.073	0	0	0	31
PL.4595	PL.8072	C	4ACSR	7.28Y	121.4	0.10	4.62	20.50	17	141	49	94	0.11	0.1	3.783	0.106	0	0	0	26
PL.34717	PL.4595	C	4ACSR	7.28Y	121.4	0.00	4.62	1.27	1	9	3	95	0.00	0.0	3.790	0.007	0	0	0	2
PD.4933	PL.34717	C	fuse6AMP	7.28Y	121.4	0.00	4.62	1.27	22	9	3	95	0.00	0.0	3.790	0.000	0	0	0	2
PL.34718	PD.4933	C	4ACSR	7.28Y	121.4	0.00	4.62	1.27	1	9	3	95	0.00	0.0	3.795	0.005	0	0	0	2
PL.3370	PL.34718	C	4ACSR	7.28Y	121.4	0.00	4.63	1.27	1	9	3	95	0.00	0.0	3.879	0.084	0	0	0	2
506001	PL.3370	C	Consumer	7.28Y	121.4	0.00	4.63	0.73	0	5	2	93	0.00	0.0	3.879	0.000	5	2	1	1
506003	PL.3370	C	Consumer	7.28Y	121.4	0.00	4.63	0.54	0	4	1	97	0.00	0.0	3.879	0.000	4	1	1	1
PL.4326	PL.4595	C	4ACSR	7.28Y	121.3	0.04	4.66	16.38	14	113	39	95	0.03	0.0	3.837	0.054	0	0	0	22
070601	PL.4326	C	Consumer	7.28Y	121.3	0.00	4.66	1.13	0	8	3	94	0.00	0.0	3.837	0.000	8	3	1	1
PL.26270	PL.4326	C	4ACSR	7.28Y	121.3	0.05	4.71	14.62	12	101	35	94	0.04	0.0	3.913	0.076	0	0	0	20
PL.34724	PL.26270	C	4ACSR	7.28Y	121.3	0.00	4.71	1.61	1	11	4	94	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\SUMMER\PROPOSED SUMMER 06-10 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.4936	PL.34724	C	fuse6AMP	7.28Y	121.3	0.00	4.71	1.61	28	11	4	94	0.00	0.0	3.923	0.000	0	0	0	2
PL.34725	PD.4936	C	4ACSR	7.28Y	121.3	0.00	4.71	1.61	1	11	4	94	0.00	0.0	3.936	0.013	0	0	0	2
070624	PL.34725	C	Consumer	7.28Y	121.3	0.00	4.71	0.95	0	7	2	96	0.00	0.0	3.936	0.000	7	2	1	1
070625	PL.34725	C	Consumer	7.28Y	121.3	0.00	4.71	0.67	0	5	2	93	0.00	0.0	3.936	0.000	5	2	1	1
PL.26271	PL.26270	C	4ACSR	7.28Y	121.3	0.02	4.73	12.55	11	86	30	94	0.01	0.0	3.951	0.037	0	0	0	16
PL.4600	PL.26271	C	4ACSR	7.27Y	121.2	0.02	4.75	10.49	9	72	25	94	0.01	0.0	3.988	0.038	0	0	0	12
0706060	PL.4600	C	Consumer	7.27Y	121.2	0.00	4.75	0.60	0	4	1	97	0.00	0.0	3.988	0.000	4	1	1	1
PL.13466	PL.4600	C	4ACSR	7.27Y	121.2	0.01	4.76	9.89	8	68	24	94	0.00	0.0	4.009	0.020	0	0	0	11
PL.39289	PL.13466	C	4ACSR	7.27Y	121.2	0.07	4.83	7.72	6	53	18	95	0.03	0.1	4.201	0.192	0	0	0	9
0706059	PL.39289	C	Consumer	7.27Y	121.2	0.00	4.83	0.00	0	0	0	100	0.00	0.0	4.201	0.000	0	0	1	1
PL.39290	PL.39289	C	4ACSR	7.27Y	121.2	0.01	4.84	7.72	6	53	18	95	0.01	0.0	4.238	0.037	0	0	0	8
PL.13469	PL.39290	C	4ACSR	7.27Y	121.1	0.01	4.85	5.78	5	40	14	94	0.00	0.0	4.276	0.037	0	0	0	7
PD.204-A	PL.13469	C	Closed	7.27Y	121.1	0.00	4.85	5.78	0	40	14	94	0.00	0.0	4.276	0.000	0	0	0	7
PD.204-B	PD.204-A	C	Closed	7.27Y	121.1	0.00	4.85	5.78	0	40	14	94	0.00	0.0	4.276	0.000	0	0	0	7
PL.13470	PD.204-B	C	4ACSR	7.27Y	121.1	0.00	4.85	5.78	5	40	14	94	0.00	0.0	4.279	0.004	0	0	0	7
PL.8554	PL.13470	C	4ACSR	7.27Y	121.1	0.00	4.86	5.78	5	40	14	94	0.00	0.0	4.297	0.018	0	0	0	7
PL.15119	PL.8554	C	4ACSR	7.27Y	121.1	0.00	4.86	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	7.27Y	121.1	0.00	4.86	0.00	0	0	0	100	0.00	0.0	4.354	0.000	0	0	0	0
PL.45378	PL.8554	C	4ACSR	7.27Y	121.1	0.01	4.86	5.78	5	40	14	94	0.00	0.0	4.325	0.028	0	0	0	7
PL.45379	PL.45378	C	4ACSR	7.27Y	121.1	0.01	4.87	5.78	5	40	14	94	0.00	0.0	4.348	0.023	0	0	0	7
070634	PL.45379	C	Consumer	7.27Y	121.1	0.00	4.87	0.00	0	0	0	100	0.00	0.0	4.348	0.000	0	0	0	0
PL.38114	PL.45379	C	4ACSR	7.27Y	121.1	0.00	4.87	5.78	5	40	14	94	0.00	0.0	4.353	0.005	0	0	0	7
C PD.6613	PL.38114	C	fuse6AMP	7.27Y	121.1	0.00	4.87	5.78	99	40	14	94	0.00	0.0	4.353	0.000	0	0	0	7 C
PL.38115	PD.6613	C	4ACSR	7.27Y	121.1	0.01	4.88	5.78	5	40	14	94	0.00	0.0	4.396	0.043	0	0	0	7
PL.8387	PL.38115	C	4ACSR	7.27Y	121.1	0.02	4.90	5.78	5	40	14	94	0.00	0.0	4.454	0.057	0	0	0	7
PL.13256	PL.8387	C	4ACSR	7.27Y	121.1	0.01	4.91	5.78	5	40	14	94	0.00	0.0	4.506	0.052	0	0	0	7
019602	PL.13256	C	Consumer	7.27Y	121.1	0.00	4.91	0.65	0	4	2	89	0.00	0.0	4.506	0.000	4	2	1	1
PL.13257	PL.13256	C	4ACSR	7.26Y	121.1	0.02	4.93	5.13	4	35	12	95	0.01	0.0	4.599	0.093	0	0	0	6
PL.35623	PL.13257	C	4ACSR	7.26Y	121.1	0.01	4.95	4.17	4	29	10	95	0.00	0.0	4.672	0.074	0	0	0	5
PL.35624	PL.35623	C	4ACSR	7.26Y	121.0	0.01	4.95	3.73	3	26	9	94	0.00	0.0	4.707	0.035	0	0	0	4
019603	PL.35624	C	Consumer	7.26Y	121.0	0.00	4.95	1.02	0	7	2	96	0.00	0.0	4.707	0.000	7	2	1	1
PL.13259	PL.35624	C	4ACSR	7.26Y	121.0	0.01	4.96	2.71	2	19	6	95	0.00	0.0	4.781	0.074	0	0	0	3
PL.45403	PL.13259	C	2ACSR	7.26Y	121.0	0.00	4.96	1.06	1	7	3	92	0.00	0.0	4.863	0.082	0	0	0	2
PL.45404	PL.45403	C	2ACSR	7.26Y	121.0	0.01	4.97	1.06	1	7	3	92	0.00	0.0	5.094	0.230	0	0	0	2
PL.34624	PL.45404	C	2ACSR	7.26Y	121.0	0.00	4.98	0.77	0	5	2	93	0.00	0.0	5.195	0.102	0	0	0	1
0186004	PL.34624	C	Consumer	7.26Y	121.0	0.00	4.98	0.77	0	5	2	93	0.00	0.0	5.195	0.000	5	2	1	1
018601	PL.45404	C	Consumer	7.26Y	121.0	0.00	4.97	0.00	0	0	0	100	0.00	0.0	5.094	0.000	0	0	0	0
0186003	PL.45404	C	Consumer	7.26Y	121.0	0.00	4.97	0.29	0	2	1	89	0.00	0.0	5.094	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.45402	PL.45403	C	2ACSR	7.26Y	121.0	0.00	4.96	0.00	0	0	0	100	0.00	0.0	4.907	0.043	0	0	0	0
SRL.36350	PL.45402	C	Consumer	7.26Y	121.0	0.00	4.96	0.00	0	0	0	100	0.00	0.0	4.907	0.000	0	0	0	0
PL.8388	PL.13259	C	4ACSR	7.26Y	121.0	0.00	4.96	1.65	1	11	4	94	0.00	0.0	4.818	0.037	0	0	0	1
019601	PL.8388	C	Consumer	7.26Y	121.0	0.00	4.96	1.65	0	11	4	94	0.00	0.0	4.818	0.000	11	4	1	1
019604	PL.35623	C	Consumer	7.26Y	121.1	0.00	4.95	0.44	0	3	1	95	0.00	0.0	4.672	0.000	3	1	1	1
PL.437	PL.13257	C	4ACSR	7.26Y	121.1	0.00	4.93	0.96	1	7	2	96	0.00	0.0	4.627	0.028	0	0	0	1
0196005	PL.437	C	Consumer	7.26Y	121.1	0.00	4.93	0.96	0	7	2	96	0.00	0.0	4.627	0.000	7	2	1	1
PL.41300	PL.8387	C	2ACSR	7.27Y	121.1	0.00	4.90	0.00	0	0	0	100	0.00	0.0	4.563	0.110	0	0	0	0
0196006	PL.41300	C	Consumer	7.27Y	121.1	0.00	4.90	0.00	0	0	0	100	0.00	0.0	4.563	0.000	0	0	0	0
PL.45377	PL.45378	C	2ACSR	7.27Y	121.1	0.00	4.86	0.00	0	0	0	100	0.00	0.0	4.344	0.019	0	0	0	0
0706064	PL.45377	C	Consumer	7.27Y	121.1	0.00	4.86	0.00	0	0	0	100	0.00	0.0	4.344	0.000	0	0	0	0
070622	PL.39290	C	Consumer	7.27Y	121.2	0.00	4.84	1.94	0	13	5	93	0.00	0.0	4.238	0.000	13	5	1	1
PL.34733	PL.13466	C	4ACSR	7.27Y	121.2	0.00	4.76	2.17	2	15	5	95	0.00	0.0	4.013	0.004	0	0	0	2
PD.4939	PL.34733	C	fuse6AMP	7.27Y	121.2	0.00	4.76	2.17	37	15	5	95	0.00	0.0	4.013	0.000	0	0	0	2
PL.34734	PD.4939	C	4ACSR	7.27Y	121.2	0.00	4.76	2.17	2	15	5	95	0.00	0.0	4.058	0.045	0	0	0	2
070615	PL.34734	C	Consumer	7.27Y	121.2	0.00	4.76	2.11	0	14	5	94	0.00	0.0	4.058	0.000	14	5	1	1
PL.36490	PL.34734	C	2ACSR	7.27Y	121.2	0.00	4.76	0.06	0	0	0	100	0.00	0.0	4.095	0.037	0	0	0	1
0706056	PL.36490	C	Consumer	7.27Y	121.2	0.00	4.76	0.06	0	0	0	100	0.00	0.0	4.095	0.000	0	0	1	1
070644	PL.26271	C	Consumer	7.28Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	3.951	0.000	0	0	0	0
070611	PL.26271	C	Consumer	7.28Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	3.951	0.000	0	0	0	0
070606	PL.26271	C	Consumer	7.28Y	121.3	0.00	4.73	0.73	0	5	2	93	0.00	0.0	3.951	0.000	5	2	1	1
PL.34728	PL.26271	C	4ACSR	7.28Y	121.3	0.00	4.73	1.33	1	9	3	95	0.00	0.0	3.954	0.004	0	0	0	3
PD.4938	PL.34728	C	fuse6AMP	7.28Y	121.3	0.00	4.73	1.33	23	9	3	95	0.00	0.0	3.954	0.000	0	0	0	3
PL.34731	PD.4938	C	4ACSR	7.28Y	121.3	0.00	4.73	1.33	1	9	3	95	0.00	0.0	3.957	0.002	0	0	0	3
PL.34732	PL.34731	C	4ACSR	7.28Y	121.3	0.00	4.74	0.91	1	6	2	95	0.00	0.0	4.033	0.077	0	0	0	2
070607	PL.34732	C	Consumer	7.28Y	121.3	0.00	4.74	0.59	0	4	1	97	0.00	0.0	4.033	0.000	4	1	1	1
070608	PL.34732	C	Consumer	7.28Y	121.3	0.00	4.74	0.32	0	2	1	89	0.00	0.0	4.033	0.000	2	1	1	1
PL.34730	PL.34731	C	4ACSR	7.28Y	121.3	0.00	4.73	0.42	0	3	1	95	0.00	0.0	3.964	0.007	0	0	0	1
PL.34727	PL.34730	C	4ACSR	7.28Y	121.3	0.00	4.73	0.42	0	3	1	95	0.00	0.0	4.011	0.047	0	0	0	1
PL.8079	PL.34727	C	4ACSR	7.28Y	121.3	0.00	4.74	0.42	0	3	1	95	0.00	0.0	4.122	0.111	0	0	0	1
070641	PL.8079	C	Consumer	7.28Y	121.3	0.00	4.74	0.42	0	3	1	95	0.00	0.0	4.122	0.000	3	1	1	1
070631	PL.34727	C	Consumer	7.28Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	4.011	0.000	0	0	0	0
070617	PL.26270	C	Consumer	7.28Y	121.3	0.00	4.71	0.46	0	3	1	95	0.00	0.0	3.913	0.000	3	1	1	1
070647	PL.26270	C	Consumer	7.28Y	121.3	0.00	4.71	0.00	0	0	0	100	0.00	0.0	3.913	0.000	0	0	1	1
PL.42662	PL.4326	C	4ACSR	7.28Y	121.3	0.00	4.66	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	7.28Y	121.3	0.00	4.66	0.00	0	0	0	100	0.00	0.0	3.853	0.000	0	0	0	0
PL.34722	PL.4326	C	4ACSR	7.28Y	121.3	0.00	4.66	0.63	1	4	1	97	0.00	0.0	3.847	0.010	0	0	0	1
PL.34723	PL.34722	C	4ACSR	7.28Y	121.3	0.00	4.66	0.63	1	4	1	97	0.00	0.0	3.869	0.022	0	0	0	1

Unbalanced Voltage Drop Report
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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 %	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
070618	PL.34723	C	Consumer	7.28Y	121.3	0.00	4.66	0.63	0	4	1	97	0.00	0.0	3.869	0.000	4	1	1	1
070643	PL.34723	C	Consumer	7.28Y	121.3	0.00	4.66	0.00	0	0	0	100	0.00	0.0	3.869	0.000	0	0	0	0
505003	PL.4595	C	Consumer	7.28Y	121.4	0.00	4.62	1.07	0	7	3	92	0.00	0.0	3.783	0.000	7	3	1	1
PL.34720	PL.4595	C	4ACSR	7.28Y	121.4	0.00	4.62	1.78	1	12	4	95	0.00	0.0	3.799	0.015	0	0	0	1
PD.4934	PL.34720	C	fuse6AMP	7.28Y	121.4	0.00	4.62	1.78	30	12	4	95	0.00	0.0	3.799	0.000	0	0	0	1
PL.34721	PD.4934	C	4ACSR	7.28Y	121.4	0.00	4.63	1.78	1	12	4	95	0.00	0.0	3.848	0.049	0	0	0	1
505004	PL.34721	C	Consumer	7.28Y	121.4	0.00	4.63	1.78	0	12	4	95	0.00	0.0	3.848	0.000	12	4	1	1
070612	PL.8072	C	Consumer	7.29Y	121.5	0.00	4.52	0.07	0	0	0	100	0.00	0.0	3.678	0.000	0	0	1	1
070613	PL.8072	C	Consumer	7.29Y	121.5	0.00	4.52	0.98	0	7	2	96	0.00	0.0	3.678	0.000	7	2	1	1
070619	PL.8072	C	Consumer	7.29Y	121.5	0.00	4.52	0.00	0	0	0	100	0.00	0.0	3.678	0.000	0	0	1	1
506002	PL.8072	C	Consumer	7.29Y	121.5	0.00	4.52	0.32	0	2	1	89	0.00	0.0	3.678	0.000	2	1	1	1
070614	PL.8072	C	Consumer	7.29Y	121.5	0.00	4.52	0.49	0	3	1	95	0.00	0.0	3.678	0.000	3	1	1	1
071631	PL.20522	C	Consumer	7.29Y	121.6	0.00	4.45	0.06	0	0	0	100	0.00	0.0	3.605	0.000	0	0	1	1
071645	PL.20522	C	Consumer	7.29Y	121.6	0.00	4.45	0.58	0	4	1	97	0.00	0.0	3.605	0.000	4	1	1	1
071628	PL.20522	C	Consumer	7.29Y	121.6	0.00	4.45	1.31	0	9	3	95	0.00	0.0	3.605	0.000	9	3	1	1
PL.34713	PL.13091	C	4ACSR	7.30Y	121.7	0.00	4.28	2.47	2	17	6	94	0.00	0.0	3.477	0.006	0	0	0	2
PD.4931	PL.34713	C	fuse6AMP	7.30Y	121.7	0.00	4.28	2.47	42	17	6	94	0.00	0.0	3.477	0.000	0	0	0	2
PL.34714	PD.4931	C	4ACSR	7.30Y	121.7	0.00	4.28	2.47	2	17	6	94	0.00	0.0	3.486	0.009	0	0	0	2
PL.8074	PL.34714	C	4ACSR	7.30Y	121.7	0.00	4.29	1.76	1	12	4	95	0.00	0.0	3.530	0.044	0	0	0	1
071632	PL.8074	C	Consumer	7.30Y	121.7	0.00	4.29	1.76	0	12	4	95	0.00	0.0	3.530	0.000	12	4	1	1
PL.4589	PL.8074	C	4ACSR	7.30Y	121.7	0.00	4.29	0.00	0	0	0	100	0.00	0.0	3.549	0.019	0	0	0	0
071623	PL.34714	C	Consumer	7.30Y	121.7	0.00	4.28	0.71	0	5	2	93	0.00	0.0	3.486	0.000	5	2	1	1
071642	PL.13090	C	Consumer	7.31Y	121.8	0.00	4.21	0.54	0	4	1	97	0.00	0.0	3.421	0.000	4	1	1	1
PL.34709	PL.13092	C	4ACSR	7.32Y	121.9	0.00	4.06	1.63	1	11	4	94	0.00	0.0	3.335	0.004	0	0	0	4
PD.4929	PL.34709	C	fuse6AMP	7.32Y	121.9	0.00	4.06	1.63	28	11	4	94	0.00	0.0	3.335	0.000	0	0	0	4
PL.34710	PD.4929	C	4ACSR	7.32Y	121.9	0.00	4.07	1.63	1	11	4	94	0.00	0.0	3.385	0.050	0	0	0	4
071639	PL.34710	C	Consumer	7.32Y	121.9	0.00	4.07	1.27	0	9	3	95	0.00	0.0	3.385	0.000	9	3	1	1
071617	PL.34710	C	Consumer	7.32Y	121.9	0.00	4.07	0.20	0	1	0	100	0.00	0.0	3.385	0.000	1	0	1	1
071627	PL.34710	C	Consumer	7.32Y	121.9	0.00	4.07	0.00	0	0	0	100	0.00	0.0	3.385	0.000	0	0	1	1
071618	PL.34710	C	Consumer	7.32Y	121.9	0.00	4.07	0.15	0	1	0	100	0.00	0.0	3.385	0.000	1	0	1	1
PL.34735	PL.15841	C	4ACSR	7.33Y	122.2	0.00	3.83	1.45	1	10	3	96	0.00	0.0	3.214	0.010	0	0	0	1
PD.4940	PL.34735	C	fuse6AMP	7.33Y	122.2	0.00	3.83	1.45	25	10	3	96	0.00	0.0	3.214	0.000	0	0	0	1
PL.34736	PD.4940	C	4ACSR	7.33Y	122.2	0.00	3.84	1.45	1	10	3	96	0.00	0.0	3.255	0.041	0	0	0	1
071636	PL.34736	C	Consumer	7.33Y	122.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	3.255	0.000	0	0	0	0
071635	PL.34736	C	Consumer	7.33Y	122.2	0.00	3.84	1.45	0	10	3	96	0.00	0.0	3.255	0.000	10	3	1	1
PL.42658	PL.42659	A	336ACSR	7.55Y	125.9	-0.01	0.09	13.08	3	97	-16	-99	0.05	0.0	3.168	0.062	0	0	0	6
		B		7.34Y	122.3	0.02	3.74	28.96	7	211	21	100					0	0	0	25
		C		7.34Y	122.3	0.02	3.66	39.94	9	288	54	98					0	0	0	39
071607	PL.42658	A	Consumer	7.55Y	125.9	0.00	0.09	0.16	0	1	0	100	0.00	0.0	3.168	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.15842, PD.3201, PL.15843, 071659, PL.4588, PL.4333, 071682, PL.4305, 071684, PL.15838, PD.201-A, PD.201-B, PL.15839, PL.15836, PD.3214, PL.15837, PL.13097, PL.13098, PL.13099, 0716099, PL.13100, PL.13101, PL.13102, PL.13103, 0706055, PL.13104, PL.13625, PL.13626, PL.13627, PL.13628, PL.4513, 0716092.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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			
P PL.13629	PL.13628	B	1/0EPRJCN	7.33Y	122.2	-0.00	3.84	-0.16	0	0	-1	0	0.00	0.0	4.319	0.029	0	0	0	0	P
P PL.13095	PL.13629	B	1/0EPRJCN	7.33Y	122.2	-0.00	3.84	-0.14	0	0	-1	0	0.00	0.0	4.517	0.199	0	0	0	0	P
P PL.13096	PL.13095	B	1/0EPRJCN	7.33Y	122.2	-0.00	3.84	-0.02	0	0	0	100	0.00	0.0	4.544	0.026	0	0	0	0	P
071686	PL.13100	B	Consumer	7.33Y	122.2	0.00	3.83	0.49	0	3	1	95	0.00	0.0	3.718	0.000	3	1	1	1	
071685	PL.15837	B	Consumer	7.33Y	122.2	0.00	3.82	1.21	0	8	3	94	0.00	0.0	3.502	0.000	8	3	1	1	
071687	PL.15837	B	Consumer	7.33Y	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	3.502	0.000	0	0	0	0	
PL.4584	PL.15839	C	4ACSR	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	3.494	0.040	0	0	0	0	
071609	PL.4584	C	Consumer	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	3.494	0.000	0	0	0	0	
071615	PL.4584	C	Consumer	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	3.494	0.000	0	0	0	0	
PL.8555	PL.15839	A	336ACSR	7.56Y	126.0	-0.01	0.05	12.95	3	96	-17	-98	0.04	0.0	3.514	0.061	0	0	0	0	5
		B		7.33Y	122.2	0.02	3.83	24.62	6	180	15	100			0	0	0	0	0	18	
		C		7.33Y	122.2	0.02	3.75	39.94	9	288	54	98			0	0	0	0	0	39	
PL.13452	PL.8555	A	336ACSR	7.56Y	126.0	-0.01	0.04	12.95	3	96	-17	-98	0.06	0.0	3.598	0.084	0	0	0	0	5
		B		7.33Y	122.1	0.02	3.86	24.62	6	180	15	100			0	0	0	0	0	18	
		C		7.33Y	122.2	0.02	3.78	39.94	9	288	54	98			0	0	0	0	0	39	
PL.13453	PL.13452	A	336ACSR	7.56Y	126.0	-0.01	0.03	12.95	3	96	-17	-98	0.04	0.0	3.658	0.060	0	0	0	0	5
		B		7.33Y	122.1	0.01	3.87	24.62	6	180	15	100			0	0	0	0	0	18	
		C		7.33Y	122.2	0.02	3.79	37.01	8	268	45	99			0	0	0	0	0	37	
PL.4322	PL.13453	B	4ACSR	7.33Y	122.1	0.00	3.88	1.09	1	8	3	94	0.00	0.0	3.737	0.079	0	0	0	0	3
PL.4319	PL.4322	B	4ACSR	7.33Y	122.1	0.00	3.88	1.09	1	8	3	94	0.00	0.0	3.787	0.050	0	0	0	0	3
PL.4320	PL.4319	B	4ACSR	7.33Y	122.1	0.00	3.88	1.09	1	8	3	94	0.00	0.0	3.825	0.038	0	0	0	0	3
PL.4323	PL.4320	B	4ACSR	7.33Y	122.1	0.00	3.88	0.00	0	0	0	100	0.00	0.0	3.880	0.055	0	0	0	0	1
071663	PL.4323	B	Consumer	7.33Y	122.1	0.00	3.88	0.00	0	0	0	100	0.00	0.0	3.880	0.000	0	0	1	1	
PL.4321	PL.4320	B	4ACSR	7.33Y	122.1	0.00	3.88	0.77	1	5	2	93	0.00	0.0	3.888	0.063	0	0	0	0	1
071651	PL.4321	B	Consumer	7.33Y	122.1	0.00	3.88	0.77	0	5	2	93	0.00	0.0	3.888	0.000	5	2	1	1	
071649	PL.4320	B	Consumer	7.33Y	122.1	0.00	3.88	0.33	0	2	1	89	0.00	0.0	3.825	0.000	2	1	1	1	
PL.45406	PL.4319	B	2ACSR	7.33Y	122.1	0.00	3.88	0.00	0	0	0	100	0.00	0.0	3.862	0.075	0	0	0	0	
0716102	PL.45406	B	Consumer	7.33Y	122.1	0.00	3.88	0.00	0	0	0	100	0.00	0.0	3.862	0.000	0	0	0	0	
PL.40779	PL.13453	A	336ACSR	7.56Y	126.0	0.01	0.04	12.95	3	96	-17	-98	0.01	0.0	3.761	0.104	0	0	0	0	5
		B		7.33Y	122.1	-0.00	3.87	10.04	2	70	-23	-95			0	0	0	0	0	5	
		C		7.33Y	122.2	-0.00	3.79	7.39	2	44	-32	-81			0	0	0	0	0	2	
PL.40780	PL.40779	A	336ACSR	7.56Y	126.0	0.00	0.04	12.95	3	96	-17	-98	0.00	0.0	3.790	0.029	0	0	0	0	5
		B		7.33Y	122.1	-0.00	3.87	9.09	2	62	-26	-92			0	0	0	0	0	3	
		C		7.33Y	122.2	-0.00	3.79	7.39	2	44	-32	-81			0	0	0	0	0	2	
PL.13455	PL.40780	A	336ACSR	7.56Y	126.0	0.00	0.04	12.95	3	96	-17	-98	0.00	0.0	3.817	0.027	0	0	0	0	5
		B		7.33Y	122.1	-0.00	3.87	9.09	2	62	-26	-92			0	0	0	0	0	3	
		C		7.33Y	122.2	-0.00	3.79	7.39	2	44	-32	-81			0	0	0	0	0	2	
PL.31892	PL.13455	A	336ACSR	7.56Y	126.0	0.00	0.05	12.95	3	96	-17	-98	0.00	0.0	3.859	0.042	0	0	0	0	5
		B		7.33Y	122.1	-0.00	3.86	6.96	2	38	-34	-75			0	0	0	0	0	1	
		C		7.33Y	122.2	0.00	3.79	7.39	2	44	-32	-81			0	0	0	0	0	2	
PL.31893	PL.31892	A	336ACSR	7.56Y	125.9	0.00	0.05	12.95	3	96	-17	-98	0.01	0.0	3.929	0.070	0	0	0	0	5
		B		7.33Y	122.1	-0.01	3.86	6.96	2	38	-34	-75			0	0	0	0	0	1	
		C		7.33Y	122.2	0.00	3.79	6.97	2	38	-34	-75			0	0	0	0	0	1	
CP.35	PL.31893	A	Cap (150)	7.56Y	125.9	0.00	0.05	-7.29	0	0	-55	0	0.00	0.0	3.929	0.000	0	0	0	0	0
P		B		7.33Y	122.1	0.00	3.86	-7.07	0	0	-52	0			0	0	0	0	0	0	P
		C		7.33Y	122.2	0.00	3.79	-7.07	0	0	-52	0			0	0	0	0	0	0	P

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.28054	PL.31893	A	336ACSR	7.56Y	125.9	0.01	0.06	13.73	3	96	38	93	0.01	0.0	4.000	0.071	0	0	0	5		
		B		7.33Y	122.1	-0.00	3.86	5.81	1	38	18	90					0	0	0	1		
		C		7.33Y	122.2	0.01	3.79	5.81	1	38	18	90					0	0	0	1		
PL.15835	PL.28054	A	336ACSR	7.56Y	125.9	0.00	0.06	4.95	1	34	16	90	0.00	0.0	4.005	0.005	0	0	0	0		
		B		7.33Y	122.1	0.00	3.86	5.11	1	34	16	90					0	0	0	0		
		C		7.33Y	122.2	0.00	3.79	5.10	1	34	16	90					0	0	0	0		
C PD.3202 C C	PL.15835	A	fuse6AMP	7.56Y	125.9	0.00	0.06	4.95	85	34	16	90	0.00	0.0	4.005	0.000	0	0	0	0 C		
		B		7.33Y	122.1	0.00	3.86	5.11	87	34	16	90					0	0	0	0 C		
		C		7.33Y	122.2	0.00	3.79	5.10	87	34	16	90					0	0	0	0 C		
PL.20766	PD.3202	A	336ACSR	7.56Y	125.9	0.00	0.06	4.95	1	34	16	90	0.00	0.0	4.097	0.092	0	0	0	0		
		B		7.33Y	122.1	0.00	3.86	5.11	1	34	16	90					0	0	0	0		
		C		7.33Y	122.2	0.00	3.80	5.10	1	34	16	90					0	0	0	0		
071762	PL.20766	A	Consumer	7.56Y	125.9	0.00	0.06	4.95	0	34	16	90	0.00	0.0	4.097	0.000	34	16	0	0		
		B		7.33Y	122.1	0.00	3.86	5.11	0	34	16	90					34	16	0	0		
		C		7.33Y	122.2	0.00	3.80	5.10	0	34	16	90					34	16	0	0		
PL.20767	PL.20766	A	336ACSR	7.56Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	4.141	0.044	0	0	0	0		
		B		7.33Y	122.1	0.00	3.86	0.00	0	0	0	100					0	0	0	0		
		C		7.33Y	122.2	0.00	3.80	0.00	0	0	0	100					0	0	0	0		
PL.21374	PL.28054	A	4ACSR	7.55Y	125.9	0.04	0.10	8.79	7	63	22	94	0.02	0.0	4.089	0.089	0	0	0	4		
		B		7.33Y	122.1	-0.01	3.85	0.70	1	5	2	90					0	0	0	0		
		C		7.33Y	122.2	0.01	3.80	0.70	1	5	2	90					0	0	0	0		
PL.15126	PL.21374	A	4ACSR	7.55Y	125.9	0.00	0.10	8.11	7	58	20	95	0.00	0.0	4.095	0.006	0	0	0	4		
		B		7.33Y	122.1	-0.00	3.85	0.00	0	0	0	100					0	0	0	0		
		C		7.33Y	122.2	0.00	3.80	0.00	0	0	0	100					0	0	0	0		
C PD.3200	PL.15126	A	fuse6AMP	7.55Y	125.9	0.00	0.10	8.11	139	58	20	95	0.00	0.0	4.095	0.000	0	0	0	4 C		
		B		7.33Y	122.1	0.00	3.85	0.00	0	0	0	100					0	0	0	0		
		C		7.33Y	122.2	0.00	3.80	0.00	0	0	0	100					0	0	0	0		
PL.15832	PD.3200	A	4ACSR	7.55Y	125.9	0.01	0.11	8.11	7	58	20	95	0.01	0.0	4.131	0.036	0	0	0	4		
071761	PL.15832	A	Consumer	7.55Y	125.9	0.00	0.11	1.59	0	11	4	94	0.00	0.0	4.131	0.000	11	4	1	1		
PL.7911	PL.15832	A	4ACSR	7.55Y	125.9	0.02	0.13	6.53	5	47	16	95	0.01	0.0	4.209	0.078	0	0	0	3		
071676	PL.7911	A	Consumer	7.55Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	4.209	0.000	0	0	0	0		
PL.8071	PL.7911	A	4ACSR	7.55Y	125.9	0.01	0.15	6.53	5	47	16	95	0.01	0.0	4.259	0.050	0	0	0	3		
071678	PL.8071	A	Consumer	7.55Y	125.9	0.00	0.15	1.15	0	8	3	94	0.00	0.0	4.259	0.000	8	3	1	1		
071677	PL.8071	A	Consumer	7.55Y	125.9	0.00	0.15	2.64	0	19	7	94	0.00	0.0	4.259	0.000	19	7	1	1		
071653	PL.8071	A	Consumer	7.55Y	125.9	0.00	0.15	2.73	0	19	7	94	0.00	0.0	4.259	0.000	19	7	1	1		
071757	PL.21374	A	Consumer	7.55Y	125.9	0.00	0.10	0.68	0	5	2	93	0.00	0.0	4.089	0.000	5	2	0	0		
		B		7.33Y	122.1	0.00	3.85	0.70	0	5	2	90					5	2	0	0		
		C		7.33Y	122.2	0.00	3.80	0.70	0	5	2	90					5	2	0	0		
PL.15125	PL.21374	A	4ACSR	7.55Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	4.096	0.007	0	0	0	0		
		B		7.33Y	122.1	0.00	3.85	0.00	0	0	0	100					0	0	0	0		
		C		7.33Y	122.2	0.00	3.80	0.00	0	0	0	100					0	0	0	0		
PD.3199-B	PL.15125	C	Open	7.33Y	122.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	4.096	0.000	0	0	0	0		
PL.31891	PL.31892	C	4ACSR	7.33Y	122.2	0.00	3.79	0.79	1	5	2	93	0.00	0.0	3.875	0.016	0	0	0	1		
0716096	PL.31891	C	Consumer	7.33Y	122.2	0.00	3.79	0.79	0	5	2	93	0.00	0.0	3.875	0.000	5	2	1	1		
071665	PL.13455	B	Consumer	7.33Y	122.1	0.00	3.87	1.57	0	11	4	94	0.00	0.0	3.817	0.000	11	4	1	1		
071680	PL.13455	B	Consumer	7.33Y	122.1	0.00	3.87	1.76	0	12	4	95	0.00	0.0	3.817	0.000	12	4	1	1		
071602	PL.40779	B	Consumer	7.33Y	122.1	0.00	3.87	1.20	0	8	3	94	0.00	0.0	3.761	0.000	8	3	1	1		
0716098	PL.40779	B	Consumer	7.33Y	122.1	0.00	3.87	0.03	0	0	0	100	0.00	0.0	3.761	0.000	0	0	1	1		
PL.20114	PL.13453	B	2ACSR	7.33Y	122.1	0.00	3.87	14.72	9	102	35	95	0.01	0.0	3.663	0.006	0	0	0	10		
		C		7.33Y	122.2	0.01	3.80	32.25	21	224	77	95					0	0	0	35		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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		
PD.3619 C	PL.20114	B C	25L	7.33Y 7.33Y	122.1 122.2	0.00 0.00	3.87 3.80	14.72 32.25	59 129	102 224	35 77	95 95	0.00 0.00	0.0	3.663	0.000	0	0	0	10 35		
PL.20115	PD.3619	B C	2ACSR	7.32Y 7.33Y	122.1 122.1	0.06 0.11	3.94 3.90	14.72 32.25	9 21	102 224	35 77	95 95	0.22 0.1	0.1	3.780	0.116	0	0	0	10 35		
PL.13456	PL.20115	B C	1/0EPRJCN	7.32Y 7.32Y	122.1 122.0	0.01 0.11	3.94 4.01	5.85 32.25	3 17	41 224	13 76	95 95	0.20 0.1	0.1	3.953	0.173	0	0	0	5 35		
PL.7910	PL.13456	C	4ACSR	7.32Y	122.0	0.01	4.02	10.84	9	75	26	94	0.01	0.0	3.973	0.020	0	0	0	8		
PL.19459	PL.7910	C	4ACSR	7.32Y	121.9	0.03	4.05	7.22	6	50	17	95	0.01	0.0	4.057	0.084	0	0	0	5		
071674	PL.19459	C	Consumer	7.32Y	121.9	0.00	4.05	1.65	0	11	4	94	0.00	0.0	4.057	0.000	11	4	1	1		
PL.19460	PL.19459	C	4ACSR	7.32Y	121.9	0.02	4.07	5.57	5	39	13	95	0.01	0.0	4.137	0.079	0	0	0	4		
PL.25199	PL.19460	C	4ACSR	7.32Y	121.9	0.00	4.08	2.45	2	17	6	94	0.00	0.0	4.167	0.031	0	0	0	2		
071764	PL.25199	C	Consumer	7.32Y	121.9	0.00	4.08	1.25	0	9	3	95	0.00	0.0	4.167	0.000	9	3	1	1		
071766	PL.25199	C	Consumer	7.32Y	121.9	0.00	4.08	1.20	0	8	3	94	0.00	0.0	4.167	0.000	8	3	1	1		
PL.15124	PL.25199	C	4ACSR	7.32Y	121.9	0.00	4.08	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	7.32Y	121.9	0.00	4.08	0.00	0	0	0	100	0.00	0.0	4.209	0.000	0	0	0	0		
071769	PL.19460	C	Consumer	7.32Y	121.9	0.00	4.07	1.45	0	10	3	96	0.00	0.0	4.137	0.000	10	3	1	1		
071626	PL.19460	C	Consumer	7.32Y	121.9	0.00	4.07	1.67	0	12	4	95	0.00	0.0	4.137	0.000	12	4	1	1		
071667	PL.7910	C	Consumer	7.32Y	122.0	0.00	4.02	0.89	0	6	2	95	0.00	0.0	3.973	0.000	6	2	1	1		
0716095	PL.7910	C	Consumer	7.32Y	122.0	0.00	4.02	1.60	0	11	4	94	0.00	0.0	3.973	0.000	11	4	1	1		
071688	PL.7910	C	Consumer	7.32Y	122.0	0.00	4.02	1.13	0	8	3	94	0.00	0.0	3.973	0.000	8	3	1	1		
PL.13459	PL.13456	B C	1/0EPRJCN	7.32Y 7.32Y	122.1 122.0	0.00 0.02	3.95 4.03	5.88 21.44	3 11	41 148	14 51	95 95	0.03 0.0	0.0	4.001	0.047	0	0	0	5 27		
PL.13460	PL.13459	B C	2ACSR	7.32Y 7.31Y	122.0 121.9	0.03 0.08	3.97 4.11	5.25 21.45	3 14	36 148	13 51	94 95	0.09 0.0	0.0	4.121	0.120	0	0	0	3 27		
PL.4592	PL.13460	C	1/0EPRJCN	7.31Y	121.9	0.00	4.12	1.95	1	14	4	96	0.00	0.0	4.174	0.053	0	0	0	3		
070642	PL.4592	C	Consumer	7.31Y	121.9	0.00	4.12	0.09	0	1	0	100	0.00	0.0	4.174	0.000	1	0	1	1		
PL.38649	PL.4592	C	1/0EPRJCN	7.31Y	121.9	0.00	4.12	1.87	1	13	4	96	0.00	0.0	4.248	0.074	0	0	0	2		
PL.38651	PL.38649	C	2ACSR	7.31Y	121.9	0.01	4.13	1.89	1	13	5	93	0.00	0.0	4.369	0.120	0	0	0	2		
PL.45960	PL.38651	C	2ACSR	7.31Y	121.9	0.00	4.13	0.00	0	0	0	100	0.00	0.0	4.418	0.049	0	0	0	0		
0706065	PL.45960	C	Consumer	7.31Y	121.9	0.00	4.13	0.00	0	0	0	100	0.00	0.0	4.418	0.000	0	0	0	0		
PL.45961	PL.45960	C	2ACSR	7.31Y	121.9	0.00	4.13	0.00	0	0	0	100	0.00	0.0	4.419	0.002	0	0	0	0		
PL.45968	PL.45961	C	2ACSR	7.31Y	121.9	0.00	4.13	0.00	0	0	0	100	0.00	0.0	4.465	0.046	0	0	0	0		
0706057	PL.38651	C	Consumer	7.31Y	121.9	0.00	4.13	0.69	0	5	2	93	0.00	0.0	4.369	0.000	5	2	1	1		
0706054	PL.38651	C	Consumer	7.31Y	121.9	0.00	4.13	1.20	0	8	3	94	0.00	0.0	4.369	0.000	8	3	1	1		
071666	PL.13460	B	Consumer	7.32Y	122.0	0.00	3.97	2.60	0	18	6	95	0.00	0.0	4.121	0.000	18	6	1	1		
PL.15122	PL.13460	C	4ACSR	7.31Y	121.9	0.00	4.12	19.50	16	135	47	94	0.00	0.0	4.127	0.005	0	0	0	24		
PD.200-A	PL.15122	C	Closed	7.31Y	121.9	0.00	4.12	19.50	0	135	47	94	0.00	0.0	4.127	0.000	0	0	0	24		
PD.200-B	PD.200-A	C	Closed	7.31Y	121.9	0.00	4.12	19.50	0	135	47	94	0.00	0.0	4.127	0.000	0	0	0	24		
PL.15123	PD.200-B	C	4ACSR	7.30Y	121.7	0.21	4.33	19.50	16	135	47	94	0.22	0.2	4.366	0.240	0	0	0	24		
PL.34656	PL.15123	C	4ACSR	7.30Y	121.7	0.00	4.34	19.50	16	134	47	94	0.00	0.0	4.372	0.005	0	0	0	24		
PD.4909-A	PL.34656	C	Closed	7.30Y	121.7	0.00	4.34	19.50	0	134	47	94	0.00	0.0	4.372	0.000	0	0	0	24		

Unbalanced Voltage Drop Report
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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	% PF	kW Loss							% Loss
PD.4909-B	PD.4909-A	C	Closed	7.30Y	121.7	0.00	4.34	19.50	0	134	47	94	0.00	0.0	4.372	0.000	0	0	0	24
PL.43510	PD.4909-B	C	4ACSR	7.30Y	121.7	0.00	4.34	19.50	16	134	47	94	0.00	0.0	4.375	0.004	0	0	0	24
PL.45297	PL.43510	C	4ACSR	7.29Y	121.5	0.13	4.47	19.50	16	134	47	94	0.14	0.1	4.526	0.151	0	0	0	24
PL.45298	PL.45297	C	4ACSR	7.29Y	121.5	0.06	4.53	19.50	16	134	47	94	0.06	0.0	4.591	0.065	0	0	0	24
PL.19870	PL.45298	C	4ACSR	7.28Y	121.3	0.19	4.72	18.89	16	130	45	94	0.19	0.1	4.809	0.217	0	0	0	23
PL.19871	PL.19870	C	4ACSR	7.28Y	121.3	0.03	4.74	15.74	13	108	38	94	0.02	0.0	4.845	0.036	0	0	0	18
PL.34648	PL.19871	C	4ACSR	7.28Y	121.3	0.00	4.74	1.45	1	10	3	96	0.00	0.0	4.856	0.011	0	0	0	2
PD.4905	PL.34648	C	fuse6AMP	7.28Y	121.3	0.00	4.74	1.45	25	10	3	96	0.00	0.0	4.856	0.000	0	0	0	2
PL.34649	PD.4905	C	4ACSR	7.28Y	121.3	0.00	4.75	1.45	1	10	3	96	0.00	0.0	4.899	0.044	0	0	0	2
PL.4328	PL.34649	C	4ACSR	7.28Y	121.3	0.00	4.75	0.64	1	4	2	89	0.00	0.0	4.925	0.026	0	0	0	1
070646	PL.4328	C	Consumer	7.28Y	121.3	0.00	4.75	0.64	0	4	2	89	0.00	0.0	4.925	0.000	4	2	1	1
070605	PL.34649	C	Consumer	7.28Y	121.3	0.00	4.75	0.81	0	6	2	95	0.00	0.0	4.899	0.000	6	2	1	1
PL.7620	PL.19871	C	4ACSR	7.27Y	121.2	0.04	4.79	14.29	12	98	34	94	0.03	0.0	4.912	0.067	0	0	0	16
070621	PL.7620	C	Consumer	7.27Y	121.2	0.00	4.79	0.98	0	7	2	96	0.00	0.0	4.912	0.000	7	2	1	1
PL.41329	PL.7620	C	2ACSR	7.27Y	121.2	0.00	4.79	1.90	1	13	5	93	0.00	0.0	4.918	0.006	0	0	0	2
PD.7394	PL.41329	C	fuse6AMP	7.27Y	121.2	0.00	4.79	1.90	33	13	5	93	0.00	0.0	4.918	0.000	0	0	0	2
PL.41330	PD.7394	C	2ACSR	7.27Y	121.2	0.00	4.79	1.90	1	13	5	93	0.00	0.0	4.983	0.064	0	0	0	2
0706062	PL.41330	C	Consumer	7.27Y	121.2	0.00	4.79	1.33	0	9	3	95	0.00	0.0	4.983	0.000	9	3	1	1
0706061	PL.41330	C	Consumer	7.27Y	121.2	0.00	4.79	0.57	0	4	1	97	0.00	0.0	4.983	0.000	4	1	1	1
PL.8089	PL.7620	C	4ACSR	7.27Y	121.1	0.09	4.87	11.40	10	78	27	94	0.05	0.1	5.079	0.167	0	0	0	13
070620	PL.8089	C	Consumer	7.27Y	121.1	0.00	4.87	1.05	0	7	3	92	0.00	0.0	5.079	0.000	7	3	1	1
PL.38653	PL.8089	C	4ACSR	7.27Y	121.1	0.02	4.89	10.35	9	71	25	94	0.01	0.0	5.116	0.037	0	0	0	12
PL.38654	PL.38653	C	4ACSR	7.27Y	121.1	0.02	4.91	9.78	8	67	23	95	0.01	0.0	5.168	0.052	0	0	0	11
PL.8084	PL.38654	C	4ACSR	7.26Y	121.1	0.01	4.92	8.85	7	61	21	95	0.00	0.0	5.185	0.017	0	0	0	10
070628	PL.8084	C	Consumer	7.26Y	121.1	0.00	4.92	1.32	0	9	3	95	0.00	0.0	5.185	0.000	9	3	1	1
PL.8083	PL.8084	C	4ACSR	7.26Y	121.1	0.01	4.93	7.53	6	52	18	94	0.00	0.0	5.204	0.019	0	0	0	9
PL.15102	PL.8083	C	4ACSR	7.26Y	121.1	0.00	4.93	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	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	5.210	0.000	0	0	0	0
PL.45626	PL.8083	C	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	5.411	0.206	0	0	0	0
PL.46018	PL.45626	C	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	5.661	0.251	0	0	0	0
PL.45623	PL.46018	C	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	5.753	0.092	0	0	0	0
PL.45622	PL.45623	C	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	5.842	0.089	0	0	0	0
0196009	PL.45622	C	Consumer	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	5.842	0.000	0	0	0	0
PL.45625	PL.45622	C	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	5.923	0.081	0	0	0	0
PL.45624	PL.45625	C	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	6.111	0.188	0	0	0	0
PL.45628	PL.45624	C	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	6.214	0.103	0	0	0	0
PL.45629	PL.45628	C	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	6.497	0.282	0	0	0	0
PL.45633	PL.45629	C	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	6.575	0.078	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	kW Loss	% Loss							
PL.45634	PL.45633	C	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	6.670	0.095	0	0	0	0
0186006	PL.45634	C	Consumer	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	6.670	0.000	0	0	0	0
0196010	PL.45633	C	Consumer	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	6.575	0.000	0	0	0	0
PL.45630	PL.45628	C	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	6.441	0.226	0	0	0	0
PL.45631	PL.45630	C	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	6.507	0.066	0	0	0	0
25184	PL.45631	C	Consumer	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	6.507	0.000	0	0	0	0
PL.45632	PL.45630	C	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	6.565	0.124	0	0	0	0
PL.45627	PL.45625	C	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	6.346	0.423	0	0	0	0
0186005	PL.45627	C	Consumer	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	6.346	0.000	0	0	0	0
PL.45619	PL.45623	C	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	5.791	0.037	0	0	0	0
0196008	PL.45619	C	Consumer	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	5.791	0.000	0	0	0	0
PL.45620	PL.46018	C	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	5.692	0.031	0	0	0	0
0196007	PL.45620	C	Consumer	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	5.692	0.000	0	0	0	0
PL.4604	PL.8083	C	4ACSR	7.26Y	121.1	0.01	4.94	6.52	5	45	16	94	0.00	0.0	5.249	0.044	0	0	0	7
PL.34650	PL.4604	C	4ACSR	7.26Y	121.1	0.00	4.94	6.52	5	45	16	94	0.00	0.0	5.255	0.007	0	0	0	7
C PD.4906	PL.34650	C	fuse6AMP	7.26Y	121.1	0.00	4.94	6.52	111	45	16	94	0.00	0.0	5.255	0.000	0	0	0	7 C
PL.34651	PD.4906	C	4ACSR	7.26Y	121.0	0.02	4.96	6.52	5	45	16	94	0.01	0.0	5.323	0.067	0	0	0	7
PL.13463	PL.34651	C	4ACSR	7.26Y	121.0	0.01	4.97	5.19	4	36	12	95	0.00	0.0	5.345	0.023	0	0	0	6
070627	PL.13463	C	Consumer	7.26Y	121.0	0.00	4.97	0.68	0	5	2	93	0.00	0.0	5.345	0.000	5	2	1	1
PL.13464	PL.13463	C	4ACSR	7.26Y	121.0	0.01	4.97	4.18	4	29	10	95	0.00	0.0	5.376	0.030	0	0	0	4
PL.4511	PL.13464	C	4ACSR	7.26Y	121.0	0.00	4.98	0.73	1	5	2	93	0.00	0.0	5.478	0.102	0	0	0	1
070653	PL.4511	C	Consumer	7.26Y	121.0	0.00	4.98	0.73	0	5	2	93	0.00	0.0	5.478	0.000	5	2	1	1
PL.13465	PL.13464	C	4ACSR	7.26Y	121.0	0.00	4.98	3.44	3	24	8	95	0.00	0.0	5.389	0.013	0	0	0	3
070645	PL.13465	C	Consumer	7.26Y	121.0	0.00	4.98	0.96	0	7	2	96	0.00	0.0	5.389	0.000	7	2	1	1
PL.4603	PL.13465	C	4ACSR	7.26Y	121.0	0.01	4.98	2.48	2	17	6	94	0.00	0.0	5.442	0.053	0	0	0	2
PL.4601	PL.4603	C	4ACSR	7.26Y	121.0	0.00	4.99	1.51	1	10	4	93	0.00	0.0	5.481	0.039	0	0	0	1
070629	PL.4601	C	Consumer	7.26Y	121.0	0.00	4.99	1.51	0	10	4	93	0.00	0.0	5.481	0.000	10	4	1	1
070636	PL.4603	C	Consumer	7.26Y	121.0	0.00	4.98	0.97	0	7	2	96	0.00	0.0	5.442	0.000	7	2	1	1
PL.4602	PL.13463	C	4ACSR	7.26Y	121.0	0.00	4.97	0.34	0	2	1	89	0.00	0.0	5.384	0.038	0	0	0	1
070639	PL.4602	C	Consumer	7.26Y	121.0	0.00	4.97	0.34	0	2	1	89	0.00	0.0	5.384	0.000	2	1	1	1
070632	PL.34651	C	Consumer	7.26Y	121.0	0.00	4.96	1.32	0	9	3	95	0.00	0.0	5.323	0.000	9	3	1	1
070640	PL.8083	C	Consumer	7.26Y	121.1	0.00	4.93	0.07	0	0	0	100	0.00	0.0	5.204	0.000	0	0	1	1
070626	PL.8083	C	Consumer	7.26Y	121.1	0.00	4.93	0.94	0	6	2	95	0.00	0.0	5.204	0.000	6	2	1	1
070623	PL.38654	C	Consumer	7.27Y	121.1	0.00	4.91	0.93	0	6	2	95	0.00	0.0	5.168	0.000	6	2	1	1
0706058	PL.38653	C	Consumer	7.27Y	121.1	0.00	4.89	0.57	0	4	1	97	0.00	0.0	5.116	0.000	4	1	1	1
070649	PL.19870	C	Consumer	7.28Y	121.3	0.00	4.72	1.52	0	10	4	93	0.00	0.0	4.809	0.000	10	4	1	1
070637	PL.19870	C	Consumer	7.28Y	121.3	0.00	4.72	1.00	0	7	2	96	0.00	0.0	4.809	0.000	7	2	1	1
070638	PL.19870	C	Consumer	7.28Y	121.3	0.00	4.72	0.00	0	0	0	100	0.00	0.0	4.809	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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							
070635	PL.19870	C	Consumer	7.28Y	121.3	0.00	4.72	0.12	0	1	0	100	0.00	0.0	4.809	0.000	1	0	1	1
070633	PL.19870	C	Consumer	7.28Y	121.3	0.00	4.72	0.52	0	4	1	97	0.00	0.0	4.809	0.000	4	1	1	1
PL.4334	PL.45298	C	4ACSR	7.29Y	121.5	0.00	4.53	0.61	1	4	1	97	0.00	0.0	4.655	0.064	0	0	0	1
070651	PL.4334	C	Consumer	7.29Y	121.5	0.00	4.53	0.61	0	4	1	97	0.00	0.0	4.655	0.000	4	1	1	1
0706063	PL.45297	C	Consumer	7.29Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	4.526	0.000	0	0	0	0
PL.43509	PL.43510	C	4ACSR	7.30Y	121.7	0.00	4.34	0.00	0	0	0	100	0.00	0.0	4.442	0.067	0	0	0	0
0707025	PL.43509	C	Consumer	7.30Y	121.7	0.00	4.34	0.00	0	0	0	100	0.00	0.0	4.442	0.000	0	0	0	0
PL.15120	PL.15123	C	4ACSR	7.30Y	121.7	0.00	4.33	0.00	0	0	0	100	0.00	0.0	4.372	0.006	0	0	0	0
PL.15121	PL.15120	C	4ACSR	7.30Y	121.7	0.00	4.33	0.00	0	0	0	100	0.00	0.0	4.457	0.084	0	0	0	0
070723	PL.15121	C	Consumer	7.30Y	121.7	0.00	4.33	0.00	0	0	0	100	0.00	0.0	4.457	0.000	0	0	0	0
PL.31446	PL.15121	C	4ACSR	7.30Y	121.7	0.00	4.33	0.00	0	0	0	100	0.00	0.0	4.510	0.053	0	0	0	0
PL.31447	PL.31446	C	4ACSR	7.30Y	121.7	0.00	4.33	0.00	0	0	0	100	0.00	0.0	4.578	0.068	0	0	0	0
0707024	PL.31446	C	Consumer	7.30Y	121.7	0.00	4.33	0.00	0	0	0	100	0.00	0.0	4.510	0.000	0	0	0	0
PL.4591	PL.13460	B	4ACSR	7.32Y	122.0	0.01	3.98	2.65	2	18	6	95	0.00	0.0	4.186	0.065	0	0	0	2
071669	PL.4591	B	Consumer	7.32Y	122.0	0.00	3.98	0.76	0	5	2	93	0.00	0.0	4.186	0.000	5	2	1	1
PL.4593	PL.4591	B	4ACSR	7.32Y	122.0	0.01	3.99	1.89	2	13	5	93	0.00	0.0	4.262	0.077	0	0	0	1
PL.4594	PL.4593	B	4ACSR	7.32Y	122.0	0.00	3.99	0.00	0	0	0	100	0.00	0.0	4.323	0.060	0	0	0	0
071738	PL.4593	B	Consumer	7.32Y	122.0	0.00	3.99	1.89	0	13	5	93	0.00	0.0	4.262	0.000	13	5	1	1
PL.7615	PL.13459	B	4ACSR	7.32Y	122.1	0.00	3.95	0.16	0	1	1	71	0.00	0.0	4.060	0.059	0	0	0	1
PL.8075	PL.7615	B	4ACSR	7.32Y	122.1	0.00	3.95	0.16	0	1	1	71	0.00	0.0	4.120	0.059	0	0	0	1
070648	PL.8075	B	Consumer	7.32Y	122.1	0.00	3.95	0.00	0	0	0	100	0.00	0.0	4.120	0.000	0	0	0	0
071690	PL.8075	B	Consumer	7.32Y	122.1	0.00	3.95	0.16	0	1	1	71	0.00	0.0	4.120	0.000	1	1	1	1
071671	PL.13459	B	Consumer	7.32Y	122.1	0.00	3.95	0.48	0	3	1	95	0.00	0.0	4.001	0.000	3	1	1	1
PL.13457	PL.20115	B	4ACSR	7.32Y	122.0	0.02	3.96	8.87	7	61	21	95	0.01	0.0	3.837	0.057	0	0	0	5
071664	PL.13457	B	Consumer	7.32Y	122.0	0.00	3.96	2.20	0	15	5	95	0.00	0.0	3.837	0.000	15	5	1	1
071679	PL.13457	B	Consumer	7.32Y	122.0	0.00	3.96	1.65	0	11	4	94	0.00	0.0	3.837	0.000	11	4	1	1
PL.13458	PL.13457	B	4ACSR	7.32Y	122.0	0.01	3.97	5.02	4	35	12	95	0.00	0.0	3.864	0.027	0	0	0	3
071675	PL.13458	B	Consumer	7.32Y	122.0	0.00	3.97	1.97	0	14	5	94	0.00	0.0	3.864	0.000	14	5	1	1
PL.7617	PL.13458	B	4ACSR	7.32Y	122.0	0.00	3.97	3.05	3	21	7	95	0.00	0.0	3.864	0.000	0	0	0	2
PL.8090	PL.7617	B	4ACSR	7.32Y	122.0	0.00	3.97	3.05	3	21	7	95	0.00	0.0	3.899	0.034	0	0	0	2
PL.7613	PL.8090	B	4ACSR	7.32Y	122.0	0.00	3.97	1.70	1	12	4	95	0.00	0.0	3.931	0.033	0	0	0	1
071673	PL.7613	B	Consumer	7.32Y	122.0	0.00	3.97	1.70	0	12	4	95	0.00	0.0	3.931	0.000	12	4	1	1
071668	PL.8090	B	Consumer	7.32Y	122.0	0.00	3.97	1.35	0	9	3	95	0.00	0.0	3.899	0.000	9	3	1	1
PL.4585	PL.13457	B	4ACSR	7.32Y	122.0	0.00	3.96	0.00	0	0	0	100	0.00	0.0	3.879	0.042	0	0	0	0
PL.15833	PL.13452	C	4ACSR	7.33Y	122.2	0.00	3.78	3.01	3	20	9	91	0.00	0.0	3.604	0.006	0	0	0	2
PD.3215	PL.15833	C	fuse6AMP	7.33Y	122.2	0.00	3.78	3.01	51	20	9	91	0.00	0.0	3.604	0.000	0	0	0	2
PL.15834	PD.3215	C	4ACSR	7.33Y	122.2	0.00	3.78	3.01	3	20	9	91	0.00	0.0	3.621	0.017	0	0	0	2
071658	PL.15834	C	Consumer	7.33Y	122.2	0.00	3.78	1.01	0	7	2	96	0.00	0.0	3.621	0.000	7	2	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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			
071660	PL.15834	C	Consumer	7.33Y	122.2	0.00	3.78	2.01	0	13	6	91	0.00	0.0	3.621	0.000	13	6	1	1
071646	PL.375	A	Consumer	7.55Y	125.8	0.00	0.21	0.01	0	0	0	100	0.00	0.0	2.826	0.000	0	0	1	1
509002	PL.24821	A	Consumer	7.54Y	125.7	0.00	0.25	0.39	0	3	1	95	0.00	0.0	2.741	0.000	3	1	1	1
		B		7.35Y	122.4	0.00	3.56	0.40	0	3	1	90			3	1	1	1		
509004	PL.5797	B	Consumer	7.35Y	122.5	0.00	3.54	0.13	0	1	0	100	0.00	0.0	2.713	0.000	1	0	1	1
5090006	PL.5797	B	Consumer	7.35Y	122.5	0.00	3.54	0.30	0	2	1	89	0.00	0.0	2.713	0.000	2	1	1	1
509005	PL.5797	B	Consumer	7.35Y	122.5	0.00	3.54	0.33	0	2	1	89	0.00	0.0	2.713	0.000	2	1	1	1
508004	PL.18325	A	Consumer	7.54Y	125.7	0.00	0.27	0.67	0	5	2	93	0.00	0.0	2.622	0.000	5	2	1	1
506901	PL.24826	B	Consumer	7.36Y	122.7	0.00	3.34	0.26	0	2	1	89	0.00	0.0	2.509	0.000	2	1	1	1
506902	PL.24826	B	Consumer	7.36Y	122.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	2.509	0.000	0	0	0	0
506801	PL.24826	B	Consumer	7.36Y	122.7	0.00	3.34	0.62	0	4	2	89	0.00	0.0	2.509	0.000	4	2	1	1
505803	PL.24825	C	Consumer	7.39Y	123.2	0.00	2.83	0.70	0	5	2	93	0.00	0.0	2.412	0.000	5	2	1	1
PL.3218	PL.12691	A	4ACSR	7.54Y	125.6	0.00	0.35	0.20	0	1	0	100	0.00	0.0	2.150	0.141	0	0	0	1
PL.3219	PL.3218	A	4ACSR	7.54Y	125.6	0.00	0.35	0.20	0	1	0	100	0.00	0.0	2.211	0.061	0	0	0	1
501801	PL.3219	A	Consumer	7.54Y	125.6	0.00	0.35	0.20	0	1	0	100	0.00	0.0	2.211	0.000	1	0	1	1
PL.15117	PL.12691	A	4ACSR	7.54Y	125.6	0.00	0.35	0.83	1	6	2	95	0.00	0.0	2.015	0.006	0	0	0	1
PD.2803	PL.15117	A	fuse6AMP	7.54Y	125.6	0.00	0.35	0.83	14	6	2	95	0.00	0.0	2.015	0.000	0	0	0	1
PL.15118	PD.2803	A	4ACSR	7.54Y	125.6	0.00	0.35	0.83	1	6	2	95	0.00	0.0	2.118	0.104	0	0	0	1
5016005	PL.15118	A	Consumer	7.54Y	125.6	0.00	0.35	0.00	0	0	0	100	0.00	0.0	2.118	0.000	0	0	0	0
501601	PL.15118	A	Consumer	7.54Y	125.6	0.00	0.35	0.83	0	6	2	95	0.00	0.0	2.118	0.000	6	2	1	1
PL.15826	PL.12690	A	4ACSR	7.54Y	125.6	0.00	0.36	1.89	2	13	5	93	0.00	0.0	1.822	0.005	0	0	0	2
PD.2802	PL.15826	A	fuse6AMP	7.54Y	125.6	0.00	0.36	1.89	32	13	5	93	0.00	0.0	1.822	0.000	0	0	0	2
PL.15827	PD.2802	A	4ACSR	7.54Y	125.6	0.00	0.37	1.89	2	13	5	93	0.00	0.0	1.870	0.048	0	0	0	2
PL.25003	PL.15827	A	4ACSR	7.54Y	125.6	0.00	0.37	0.49	0	3	1	95	0.00	0.0	1.906	0.036	0	0	0	1
500401	PL.25003	A	Consumer	7.54Y	125.6	0.00	0.37	0.49	0	3	1	95	0.00	0.0	1.906	0.000	3	1	1	1
500501	PL.15827	A	Consumer	7.54Y	125.6	0.00	0.37	1.40	0	10	3	96	0.00	0.0	1.870	0.000	10	3	1	1
500502	PL.15827	A	Consumer	7.54Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	1.870	0.000	0	0	0	0
502401	PL.25001	A	Consumer	7.54Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	1.608	0.000	0	0	1	1
503406	PL.24830	B	Consumer	7.43Y	123.8	0.00	2.17	0.94	0	7	2	96	0.00	0.0	1.535	0.000	7	2	1	1
503404	PL.24830	B	Consumer	7.43Y	123.8	0.00	2.17	0.63	0	4	2	89	0.00	0.0	1.535	0.000	4	2	1	1
503306	PL.24830	B	Consumer	7.43Y	123.8	0.00	2.17	0.90	0	6	2	95	0.00	0.0	1.535	0.000	6	2	1	1
503403	PL.24830	B	Consumer	7.43Y	123.8	0.00	2.17	0.76	0	5	2	93	0.00	0.0	1.535	0.000	5	2	1	1
501201	PL.41187	A	Consumer	7.54Y	125.6	0.00	0.39	2.61	0	18	9	89	0.00	0.0	1.213	0.000	18	9	1	1
		C		7.49Y	124.8	0.00	1.18	2.62	0	18	9	90			18	9	1	1		
500201	PL.12917	A	Consumer	7.54Y	125.6	0.00	0.40	0.54	0	4	1	97	0.00	0.0	1.069	0.000	4	1	1	1
019589	PL.17131	A	Consumer	7.54Y	125.6	0.00	0.37	0.02	0	0	0	100	0.00	0.0	0.898	0.000	0	0	1	1
PL.17987	PL.45429	A	4ACSR	7.54Y	125.7	0.01	0.30	22.83	19	163	57	94	0.02	0.0	0.552	0.014	0	0	0	33
PD.3370	PL.17987	A	70V4E	7.54Y	125.7	0.00	0.30	22.83	33	163	57	94	0.00	0.0	0.552	0.000	0	0	0	33
PL.17988	PD.3370	A	4ACSR	7.54Y	125.7	0.04	0.34	22.83	19	163	57	94	0.05	0.0	0.591	0.039	0	0	0	33

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
019456	PL.17988	A	Consumer	7.54Y	125.7	0.00	0.34	1.10	0	8	3	94	0.00	0.0	0.591	0.000	8	3	1	1
0194101	PL.17988	A	Consumer	7.54Y	125.7	0.00	0.34	0.85	0	6	2	95	0.00	0.0	0.591	0.000	6	2	1	1
019444	PL.17988	A	Consumer	7.54Y	125.7	0.00	0.34	0.73	0	5	2	93	0.00	0.0	0.591	0.000	5	2	1	1
0194109	PL.17988	A	Consumer	7.54Y	125.7	0.00	0.34	1.23	0	9	3	95	0.00	0.0	0.591	0.000	9	3	1	1
PL.12925	PL.17988	A	4ACSR	7.53Y	125.6	0.08	0.42	18.92	16	135	47	94	0.08	0.1	0.687	0.095	0	0	0	29
PL.12926	PL.12925	A	4ACSR	7.53Y	125.6	0.02	0.44	17.61	15	125	44	94	0.02	0.0	0.714	0.027	0	0	0	27
PL.12927	PL.12926	A	4ACSR	7.53Y	125.5	0.06	0.51	16.88	14	120	42	94	0.06	0.0	0.798	0.084	0	0	0	26
PL.12928	PL.12927	A	4ACSR	7.52Y	125.4	0.09	0.60	14.61	12	104	36	94	0.07	0.1	0.937	0.138	0	0	0	24
PL.12929	PL.12928	A	4ACSR	7.52Y	125.4	0.05	0.65	12.41	10	88	31	94	0.03	0.0	1.022	0.085	0	0	0	20
018470	PL.12929	A	Consumer	7.52Y	125.4	0.00	0.65	0.73	0	5	2	93	0.00	0.0	1.022	0.000	5	2	1	1
018411	PL.12929	A	Consumer	7.52Y	125.4	0.00	0.65	1.19	0	8	3	94	0.00	0.0	1.022	0.000	8	3	1	1
0184130	PL.12929	A	Consumer	7.52Y	125.4	0.00	0.65	0.02	0	0	0	100	0.00	0.0	1.022	0.000	0	0	1	1
018480	PL.12929	A	Consumer	7.52Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	1.022	0.000	0	0	0	0
PL.12930	PL.12929	A	4ACSR	7.52Y	125.3	0.02	0.67	10.47	9	74	26	94	0.01	0.0	1.070	0.048	0	0	0	17
PL.17134	PL.12930	A	4ACSR	7.52Y	125.3	0.00	0.67	8.26	7	59	20	95	0.00	0.0	1.074	0.004	0	0	0	13
PD.156-A	PL.17134	A	Closed	7.52Y	125.3	0.00	0.67	8.26	0	59	20	95	0.00	0.0	1.074	0.000	0	0	0	13
PD.156-B	PD.156-A	A	Closed	7.52Y	125.3	0.00	0.67	8.26	0	59	20	95	0.00	0.0	1.074	0.000	0	0	0	13
PL.17135	PD.156-B	A	4ACSR	7.52Y	125.3	0.02	0.69	8.26	7	59	20	95	0.01	0.0	1.119	0.045	0	0	0	13
PL.4491	PL.17135	A	4ACSR	7.52Y	125.3	0.03	0.72	8.24	7	58	20	95	0.01	0.0	1.206	0.087	0	0	0	12
PL.4490	PL.4491	A	4ACSR	7.52Y	125.3	0.02	0.74	6.14	5	44	15	95	0.01	0.0	1.266	0.060	0	0	0	10
018446	PL.4490	A	Consumer	7.52Y	125.3	0.00	0.74	0.67	0	5	2	93	0.00	0.0	1.266	0.000	5	2	1	1
PL.6101	PL.4490	A	4ACSR	7.52Y	125.3	0.01	0.74	3.45	3	25	9	94	0.00	0.0	1.301	0.034	0	0	0	5
PL.12931	PL.6101	A	4ACSR	7.52Y	125.3	0.01	0.75	3.45	3	25	9	94	0.00	0.0	1.333	0.032	0	0	0	5
PL.12932	PL.12931	A	4ACSR	7.51Y	125.2	0.00	0.75	1.01	1	7	3	92	0.00	0.0	1.414	0.081	0	0	0	2
PL.32810	PL.12932	A	4ACSR	7.51Y	125.2	0.00	0.75	0.41	0	3	1	95	0.00	0.0	1.445	0.031	0	0	0	1
0184127	PL.32810	A	Consumer	7.51Y	125.2	0.00	0.75	0.41	0	3	1	95	0.00	0.0	1.445	0.000	3	1	1	1
018489	PL.12932	A	Consumer	7.51Y	125.2	0.00	0.75	0.00	0	0	0	100	0.00	0.0	1.414	0.000	0	0	0	0
018491	PL.12932	A	Consumer	7.51Y	125.2	0.00	0.75	0.61	0	4	1	97	0.00	0.0	1.414	0.000	4	1	1	1
018445	PL.12932	A	Consumer	7.51Y	125.2	0.00	0.75	0.00	0	0	0	100	0.00	0.0	1.414	0.000	0	0	0	0
018496	PL.12931	A	Consumer	7.52Y	125.3	0.00	0.75	0.81	0	6	2	95	0.00	0.0	1.333	0.000	6	2	1	1
0184126	PL.12931	A	Consumer	7.52Y	125.3	0.00	0.75	0.00	0	0	0	100	0.00	0.0	1.333	0.000	0	0	0	0
0184104	PL.12931	A	Consumer	7.52Y	125.3	0.00	0.75	0.89	0	6	2	95	0.00	0.0	1.333	0.000	6	2	1	1
018479	PL.12931	A	Consumer	7.52Y	125.3	0.00	0.75	0.74	0	5	2	93	0.00	0.0	1.333	0.000	5	2	1	1
PL.38934	PL.6101	A	2ACSR	7.52Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	1.308	0.007	0	0	0	0
PD.6776	PL.38934	A	fuse6AMP	7.52Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	1.308	0.000	0	0	0	0
PL.38935	PD.6776	A	2ACSR	7.52Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	1.400	0.093	0	0	0	0
0184129	PL.38935	A	Consumer	7.52Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	1.400	0.000	0	0	0	0
018482	PL.6101	A	Consumer	7.52Y	125.3	0.00	0.74	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\SUMMER\PROPOSED SUMMER 06-10 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	7.52Y	125.3	0.00	0.74	2.02	2	14	5	94	0.00	0.0	1.277	0.011	0	0	0	4
PD.6775	PL.38932	A	fuse6AMP	7.52Y	125.3	0.00	0.74	2.02	34	14	5	94	0.00	0.0	1.277	0.000	0	0	0	4
PL.38933	PD.6775	A	4ACSR	7.52Y	125.3	0.01	0.74	2.02	2	14	5	94	0.00	0.0	1.341	0.064	0	0	0	4
PL.1657	PL.38933	A	4ACSR	7.52Y	125.3	0.00	0.74	0.49	0	3	1	95	0.00	0.0	1.412	0.071	0	0	0	1
018444	PL.1657	A	Consumer	7.52Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	1.412	0.000	0	0	0	0
0184118	PL.1657	A	Consumer	7.52Y	125.3	0.00	0.74	0.49	0	3	1	95	0.00	0.0	1.412	0.000	3	1	1	1
0184117	PL.1657	A	Consumer	7.52Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	1.412	0.000	0	0	0	0
018486	PL.38933	A	Consumer	7.52Y	125.3	0.00	0.74	0.36	0	3	1	95	0.00	0.0	1.341	0.000	3	1	1	1
018447	PL.38933	A	Consumer	7.52Y	125.3	0.00	0.74	0.61	0	4	2	89	0.00	0.0	1.341	0.000	4	2	1	1
018460	PL.38933	A	Consumer	7.52Y	125.3	0.00	0.74	0.56	0	4	1	97	0.00	0.0	1.341	0.000	4	1	1	1
018461	PL.4491	A	Consumer	7.52Y	125.3	0.00	0.72	1.32	0	9	3	95	0.00	0.0	1.206	0.000	9	3	1	1
018456	PL.4491	A	Consumer	7.52Y	125.3	0.00	0.72	0.78	0	6	2	95	0.00	0.0	1.206	0.000	6	2	1	1
018455	PL.17135	A	Consumer	7.52Y	125.3	0.00	0.69	0.02	0	0	0	100	0.00	0.0	1.119	0.000	0	0	1	1
PL.38928	PL.12930	A	4ACSR	7.52Y	125.3	0.00	0.67	1.43	1	10	4	93	0.00	0.0	1.076	0.006	0	0	0	3
PD.6773	PL.38928	A	fuse6AMP	7.52Y	125.3	0.00	0.67	1.43	24	10	4	93	0.00	0.0	1.076	0.000	0	0	0	3
PL.38927	PD.6773	A	4ACSR	7.52Y	125.3	0.00	0.67	0.19	0	1	0	100	0.00	0.0	1.133	0.057	0	0	0	1
018440	PL.38927	A	Consumer	7.52Y	125.3	0.00	0.67	0.19	0	1	0	100	0.00	0.0	1.133	0.000	1	0	1	1
PL.38929	PD.6773	A	4ACSR	7.52Y	125.3	0.01	0.67	1.24	1	9	3	95	0.00	0.0	1.175	0.099	0	0	0	2
PL.6135	PL.38929	A	4ACSR	7.52Y	125.3	0.00	0.68	0.77	1	5	2	93	0.00	0.0	1.230	0.054	0	0	0	1
0184110	PL.6135	A	Consumer	7.52Y	125.3	0.00	0.68	0.77	0	5	2	93	0.00	0.0	1.230	0.000	5	2	1	1
018458	PL.38929	A	Consumer	7.52Y	125.3	0.00	0.67	0.00	0	0	0	100	0.00	0.0	1.175	0.000	0	0	0	0
018459	PL.38929	A	Consumer	7.52Y	125.3	0.00	0.67	0.47	0	3	1	95	0.00	0.0	1.175	0.000	3	1	1	1
PL.38930	PL.12930	A	4ACSR	7.52Y	125.3	0.00	0.67	0.78	1	6	2	95	0.00	0.0	1.076	0.006	0	0	0	1
PD.6774	PL.38930	A	fuse6AMP	7.52Y	125.3	0.00	0.67	0.78	13	6	2	95	0.00	0.0	1.076	0.000	0	0	0	1
PL.38931	PD.6774	A	4ACSR	7.52Y	125.3	0.00	0.67	0.78	1	6	2	95	0.00	0.0	1.100	0.024	0	0	0	1
PL.1656	PL.38931	A	4ACSR	7.52Y	125.3	0.00	0.67	0.78	1	6	2	95	0.00	0.0	1.119	0.019	0	0	0	1
018472	PL.1656	A	Consumer	7.52Y	125.3	0.00	0.67	0.78	0	6	2	95	0.00	0.0	1.119	0.000	6	2	1	1
018429	PL.12928	A	Consumer	7.52Y	125.4	0.00	0.60	0.60	0	4	1	97	0.00	0.0	0.937	0.000	4	1	1	1
018474	PL.12928	A	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.937	0.000	0	0	0	0
0184112	PL.12928	A	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.937	0.000	0	0	0	0
018488	PL.12928	A	Consumer	7.52Y	125.4	0.00	0.60	0.65	0	5	2	93	0.00	0.0	0.937	0.000	5	2	1	1
PL.38925	PL.12928	A	4ACSR	7.52Y	125.4	0.00	0.60	0.95	1	7	2	96	0.00	0.0	0.943	0.007	0	0	0	2
PD.6772	PL.38925	A	fuse6AMP	7.52Y	125.4	0.00	0.60	0.95	16	7	2	96	0.00	0.0	0.943	0.000	0	0	0	2
PL.38926	PD.6772	A	4ACSR	7.52Y	125.4	0.00	0.60	0.95	1	7	2	96	0.00	0.0	1.000	0.057	0	0	0	2
PL.23768	PL.38926	A	4ACSR	7.52Y	125.4	0.00	0.60	0.95	1	7	2	96	0.00	0.0	1.068	0.068	0	0	0	2
0184119	PL.23768	A	Consumer	7.52Y	125.4	0.00	0.60	0.06	0	0	0	100	0.00	0.0	1.068	0.000	0	0	1	1
018450	PL.23768	A	Consumer	7.52Y	125.4	0.00	0.60	0.89	0	6	2	95	0.00	0.0	1.068	0.000	6	2	1	1
PL.38923	PL.12927	A	4ACSR	7.53Y	125.5	0.00	0.51	0.59	0	4	1	97	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\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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	1.00	0	7	2	96	0.00	0.0	0.437	0.000	7	2	1	1
PL.45254	PD.8633	B	4ACSR	7.55Y	125.8	0.00	0.22	0.49	0	3	1	95	0.00	0.0	0.432	0.058	0	0	0	1
019421	PL.45254	B	Consumer	7.55Y	125.8	0.00	0.22	0.49	0	3	1	95	0.00	0.0	0.432	0.000	3	1	1	1
PL.45250	PL.6127	B	4ACSR	7.55Y	125.8	0.00	0.22	0.95	1	7	2	96	0.00	0.0	0.375	0.006	0	0	0	2
PD.8632	PL.45250	B	fuse6AMP	7.55Y	125.8	0.00	0.22	0.95	16	7	2	96	0.00	0.0	0.375	0.000	0	0	0	2
PL.45251	PD.8632	B	4ACSR	7.55Y	125.8	0.00	0.22	0.95	1	7	2	96	0.00	0.0	0.434	0.059	0	0	0	2
SRL.27467	PL.45251	B	Consumer	7.55Y	125.8	0.00	0.22	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	0.22	0.71	0	5	2	93	0.00	0.0	0.434	0.000	5	2	1	1
0194115	PL.45251	B	Consumer	7.55Y	125.8	0.00	0.22	0.24	0	2	1	89	0.00	0.0	0.434	0.000	2	1	1	1
PL.12898	PL.6127	B	4ACSR	7.55Y	125.8	0.01	0.23	7.13	6	51	18	94	0.00	0.0	0.401	0.031	0	0	0	13
0194118	PL.12898	B	Consumer	7.55Y	125.8	0.00	0.23	0.54	0	4	1	97	0.00	0.0	0.401	0.000	4	1	1	1
PL.41199	PL.12898	B	4ACSR	7.55Y	125.8	0.00	0.24	6.59	6	47	16	95	0.00	0.0	0.414	0.013	0	0	0	12
PL.41198	PL.41199	B	2ACSR	7.55Y	125.8	0.00	0.24	0.07	0	1	0	100	0.00	0.0	0.459	0.046	0	0	0	1
0194124	PL.41198	B	Consumer	7.55Y	125.8	0.00	0.24	0.07	0	1	0	100	0.00	0.0	0.459	0.000	1	0	1	1
PL.41200	PL.41199	B	4ACSR	7.55Y	125.8	0.00	0.24	6.51	5	46	16	94	0.00	0.0	0.430	0.017	0	0	0	11
PL.45255	PL.41200	B	4ACSR	7.55Y	125.8	0.00	0.24	1.87	2	13	5	93	0.00	0.0	0.436	0.005	0	0	0	5
PD.8634	PL.45255	B	fuse6AMP	7.55Y	125.8	0.00	0.24	1.87	32	13	5	93	0.00	0.0	0.436	0.000	0	0	0	5
PL.45256	PD.8634	B	4ACSR	7.55Y	125.8	0.00	0.24	0.77	1	5	2	93	0.00	0.0	0.533	0.097	0	0	0	2
0184131	PL.45256	B	Consumer	7.55Y	125.8	0.00	0.24	0.01	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	0.24	0.75	0	5	2	93	0.00	0.0	0.533	0.000	5	2	1	1
PL.6129	PL.45256	B	4ACSR	7.55Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	0.533	0.000	0	0	0	0
PL.45257	PD.8634	B	4ACSR	7.55Y	125.8	0.00	0.24	1.11	1	8	3	94	0.00	0.0	0.498	0.062	0	0	0	3
018451	PL.45257	B	Consumer	7.55Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	0.498	0.000	0	0	0	0
018435	PL.45257	B	Consumer	7.55Y	125.8	0.00	0.24	0.29	0	2	1	89	0.00	0.0	0.498	0.000	2	1	1	1
018437	PL.45257	B	Consumer	7.55Y	125.8	0.00	0.24	0.31	0	2	1	89	0.00	0.0	0.498	0.000	2	1	1	1
018477	PL.45257	B	Consumer	7.55Y	125.8	0.00	0.24	0.51	0	4	1	97	0.00	0.0	0.498	0.000	4	1	1	1
PL.12900	PL.41200	B	4ACSR	7.54Y	125.7	0.02	0.26	4.64	4	33	11	95	0.01	0.0	0.536	0.105	0	0	0	6
PL.45258	PL.12900	B	4ACSR	7.54Y	125.7	0.00	0.26	1.39	1	10	3	96	0.00	0.0	0.541	0.005	0	0	0	1
PD.8635	PL.45258	B	fuse6AMP	7.54Y	125.7	0.00	0.26	1.39	24	10	3	96	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	1.39	1	10	3	96	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	1.39	0	10	3	96	0.00	0.0	0.605	0.000	10	3	1	1
0184116	PL.12900	B	Consumer	7.54Y	125.7	0.00	0.26	0.99	0	7	2	96	0.00	0.0	0.536	0.000	7	2	1	1
PL.17132	PL.12900	B	4ACSR	7.54Y	125.7	0.00	0.27	2.25	2	16	6	94	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	2.25	38	16	6	94	0.00	0.0	0.564	0.000	0	0	0	4
PL.17133	PD.1935	B	4ACSR	7.54Y	125.7	0.00	0.27	2.25	2	16	6	94	0.00	0.0	0.592	0.028	0	0	0	4
PL.12901	PL.17133	B	4ACSR	7.54Y	125.7	0.00	0.27	2.25	2	16	6	94	0.00	0.0	0.606	0.014	0	0	0	4
018483	PL.12901	B	Consumer	7.54Y	125.7	0.00	0.27	0.71	0	5	2	93	0.00	0.0	0.606	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 CWP.WM\
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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 PL.4489, PL.12902, etc.

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 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
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 -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
0714146	PL.27042	B	Consumer	7.50Y	125.0	0.00	1.05	0.06	0	0	0	100	0.00	0.0	1.704	0.000	0	0	1	1
PL.27043	PL.27042	C	4ACSR	7.52Y	125.4	0.00	0.61	12.83	11	91	32	94	0.00	0.0	1.710	0.005	0	0	0	22
PD.508-A	PL.27043	C	Closed	7.52Y	125.4	0.00	0.61	12.83	0	91	32	94	0.00	0.0	1.710	0.000	0	0	0	22
PD.508-B	PD.508-A	C	Closed	7.52Y	125.4	0.00	0.61	12.83	0	91	32	94	0.00	0.0	1.710	0.000	0	0	0	22
PL.27044	PD.508-B	C	4ACSR	7.52Y	125.4	0.00	0.61	12.83	11	91	32	94	0.00	0.0	1.715	0.005	0	0	0	22
PD.3429	PL.27044	C	35V4E	7.52Y	125.4	0.00	0.61	12.83	37	91	32	94	0.00	0.0	1.715	0.000	0	0	0	22
PL.27045	PD.3429	C	4ACSR	7.52Y	125.4	0.03	0.65	12.83	11	91	32	94	0.02	0.0	1.774	0.059	0	0	0	22
PL.7592	PL.27045	C	4ACSR	7.52Y	125.3	0.01	0.66	12.81	11	91	32	94	0.01	0.0	1.795	0.021	0	0	0	21
PL.7590	PL.7592	C	4ACSR	7.52Y	125.3	0.01	0.67	2.83	2	20	7	94	0.00	0.0	1.909	0.113	0	0	0	8
PL.7591	PL.7590	C	4ACSR	7.52Y	125.3	0.01	0.68	2.08	2	15	5	95	0.00	0.0	2.037	0.128	0	0	0	6
PL.7589	PL.7591	C	4ACSR	7.52Y	125.3	0.00	0.69	0.63	1	4	2	89	0.00	0.0	2.074	0.037	0	0	0	2
071473	PL.7589	C	Consumer	7.52Y	125.3	0.00	0.69	0.46	0	3	1	95	0.00	0.0	2.074	0.000	3	1	1	1
0714140	PL.7589	C	Consumer	7.52Y	125.3	0.00	0.69	0.16	0	1	0	100	0.00	0.0	2.074	0.000	1	0	1	1
071492	PL.7589	C	Consumer	7.52Y	125.3	0.00	0.69	0.00	0	0	0	100	0.00	0.0	2.074	0.000	0	0	0	0
071449	PL.7591	C	Consumer	7.52Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	2.037	0.000	0	0	1	1
071448	PL.7591	C	Consumer	7.52Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	2.037	0.000	0	0	0	0
071466	PL.7591	C	Consumer	7.52Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	2.037	0.000	0	0	0	0
0714131	PL.7591	C	Consumer	7.52Y	125.3	0.00	0.68	0.75	0	5	2	93	0.00	0.0	2.037	0.000	5	2	1	1
071442	PL.7591	C	Consumer	7.52Y	125.3	0.00	0.68	0.64	0	5	2	93	0.00	0.0	2.037	0.000	5	2	1	1
0714114	PL.7591	C	Consumer	7.52Y	125.3	0.00	0.68	0.08	0	1	0	100	0.00	0.0	2.037	0.000	1	0	1	1
071484	PL.7591	C	Consumer	7.52Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	2.037	0.000	0	0	0	0
0714109	PL.7590	C	Consumer	7.52Y	125.3	0.00	0.67	0.23	0	2	1	89	0.00	0.0	1.909	0.000	2	1	1	1
0714110	PL.7590	C	Consumer	7.52Y	125.3	0.00	0.67	0.00	0	0	0	100	0.00	0.0	1.909	0.000	0	0	0	0
071440	PL.7590	C	Consumer	7.52Y	125.3	0.00	0.67	0.52	0	4	1	97	0.00	0.0	1.909	0.000	4	1	1	1
0714101	PL.7592	C	Consumer	7.52Y	125.3	0.00	0.66	0.98	0	7	2	96	0.00	0.0	1.795	0.000	7	2	1	1
071414	PL.7592	C	Consumer	7.52Y	125.3	0.00	0.66	0.97	0	7	2	96	0.00	0.0	1.795	0.000	7	2	1	1
PL.12247	PL.7592	C	4ACSR	7.52Y	125.3	0.02	0.68	8.01	7	57	20	94	0.01	0.0	1.859	0.064	0	0	0	11
PL.12248	PL.12247	C	4ACSR	7.52Y	125.3	0.03	0.71	8.01	7	57	20	94	0.01	0.0	1.930	0.070	0	0	0	10
071422	PL.12248	C	Consumer	7.52Y	125.3	0.00	0.71	1.11	0	8	3	94	0.00	0.0	1.930	0.000	8	3	1	1
071426	PL.12248	C	Consumer	7.52Y	125.3	0.00	0.71	1.16	0	8	3	94	0.00	0.0	1.930	0.000	8	3	1	1
071453	PL.12248	C	Consumer	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	1.930	0.000	0	0	0	0
071436	PL.12248	C	Consumer	7.52Y	125.3	0.00	0.71	1.61	0	11	4	94	0.00	0.0	1.930	0.000	11	4	1	1
071460	PL.12248	C	Consumer	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	1.930	0.000	0	0	0	0
071431	PL.12248	C	Consumer	7.52Y	125.3	0.00	0.71	0.64	0	5	2	93	0.00	0.0	1.930	0.000	5	2	1	1
071493	PL.12248	C	Consumer	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	1.930	0.000	0	0	0	0
PL.12249	PL.12248	C	4ACSR	7.52Y	125.3	0.01	0.72	3.49	3	25	9	94	0.00	0.0	2.019	0.089	0	0	0	6
PL.12250	PL.12249	C	4ACSR	7.52Y	125.3	0.00	0.72	0.60	1	4	1	97	0.00	0.0	2.096	0.078	0	0	0	2
071423	PL.12250	C	Consumer	7.52Y	125.3	0.00	0.72	0.21	0	1	1	71	0.00	0.0	2.096	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 0714121, 071463, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
071465	PL.27053	C	Consumer	7.52Y	125.4	0.00	0.60	1.36	0	10	3	96	0.00	0.0	2.075	0.000	10	3	1	1
0714136	PL.27053	C	Consumer	7.52Y	125.4	0.00	0.60	0.14	0	1	0	100	0.00	0.0	2.075	0.000	1	0	1	1
PL.27050	PL.12252	A	4ACSR	7.45Y	124.2	0.00	1.82	0.59	0	4	1	97	0.00	0.0	2.034	0.005	0	0	0	1
PD.2122	PL.27050	A	fuse6AMP	7.45Y	124.2	0.00	1.82	0.59	10	4	1	97	0.00	0.0	2.034	0.000	0	0	0	1
PL.27051	PD.2122	A	4ACSR	7.45Y	124.2	0.00	1.82	0.59	0	4	1	97	0.00	0.0	2.104	0.071	0	0	0	1
071407	PL.27051	A	Consumer	7.45Y	124.2	0.00	1.82	0.59	0	4	1	97	0.00	0.0	2.104	0.000	4	1	1	1
PL.12253	PL.12252	A	1/0ACSR	7.45Y	124.2	0.03	1.85	12.62	6	87	35	93	0.07	0.0	2.098	0.070	0	0	0	16
		B		7.48Y	124.7	0.04	1.32	28.57	14	200	75	94					0	0	0	39
		C		7.52Y	125.4	-0.01	0.59	2.98	1	19	12	86					0	0	0	1
072476	PL.12253	B	Consumer	7.48Y	124.7	0.00	1.32	1.21	0	9	3	95	0.00	0.0	2.098	0.000	9	3	1	1
PL.12256	PL.12253	A	1/0ACSR	7.45Y	124.1	0.00	1.85	2.87	1	18	11	85	0.00	0.0	2.176	0.078	0	0	0	1
		B		7.48Y	124.7	0.00	1.33	2.85	1	18	11	85					0	0	0	0
		C		7.52Y	125.4	0.00	0.59	2.98	1	19	12	86					0	0	0	1
PL.12257	PL.12256	A	1/0ACSR	7.45Y	124.1	0.00	1.86	2.87	1	18	11	85	0.00	0.0	2.240	0.064	0	0	0	0
		B		7.48Y	124.7	0.00	1.33	2.85	1	18	11	85					0	0	0	0
		C		7.52Y	125.4	0.00	0.60	2.84	1	18	11	85					0	0	0	0
PL.21358	PL.12257	A	1/0ACSR	7.45Y	124.1	0.00	1.86	2.87	1	18	11	85	0.00	0.0	2.273	0.033	0	0	0	0
		B		7.48Y	124.7	0.00	1.33	2.85	1	18	11	85					0	0	0	0
		C		7.52Y	125.4	0.00	0.60	2.84	1	18	11	85					0	0	0	0
PL.21359	PL.21358	A	1/0ACSR	7.45Y	124.1	0.00	1.86	2.87	1	18	11	85	0.00	0.0	2.293	0.021	0	0	0	0
		B		7.48Y	124.7	0.00	1.34	2.85	1	18	11	85					0	0	0	0
		C		7.52Y	125.4	0.00	0.60	2.84	1	18	11	85					0	0	0	0
0714124	PL.21359	A	Consumer	7.45Y	124.1	0.00	1.86	2.87	0	18	11	85	0.00	0.0	2.293	0.000	18	11	0	0
		B		7.48Y	124.7	0.00	1.34	2.85	0	18	11	85					18	11	0	0
		C		7.52Y	125.4	0.00	0.60	2.84	0	18	11	85					18	11	0	0
072455	PL.12256	A	Consumer	7.45Y	124.1	0.00	1.85	0.00	0	0	0	100	0.00	0.0	2.176	0.000	0	0	0	0
072423	PL.12256	A	Consumer	7.45Y	124.1	0.00	1.85	0.00	0	0	0	100	0.00	0.0	2.176	0.000	0	0	1	1
0724152	PL.12256	C	Consumer	7.52Y	125.4	0.00	0.59	0.14	0	1	0	100	0.00	0.0	2.176	0.000	1	0	1	1
PL.33026	PL.12253	A	4ACSR	7.45Y	124.1	0.01	1.85	9.81	8	69	24	94	0.00	0.0	2.109	0.012	0	0	0	15
C PD.3942	PL.33026	A	fuse6AMP	7.45Y	124.1	0.00	1.85	9.81	168	69	24	94	0.00	0.0	2.109	0.000	0	0	0	15 C
PL.33027	PD.3942	A	4ACSR	7.45Y	124.1	0.01	1.86	9.81	8	69	24	94	0.00	0.0	2.127	0.018	0	0	0	15
072417	PL.33027	A	Consumer	7.45Y	124.1	0.00	1.86	0.64	0	5	2	93	0.00	0.0	2.127	0.000	5	2	1	1
PL.12254	PL.33027	A	4ACSR	7.45Y	124.1	0.02	1.88	9.17	8	65	22	95	0.01	0.0	2.175	0.048	0	0	0	14
PL.12255	PL.12254	A	4ACSR	7.45Y	124.1	0.02	1.90	8.66	7	61	21	95	0.01	0.0	2.220	0.045	0	0	0	12
071412	PL.12255	A	Consumer	7.45Y	124.1	0.00	1.90	0.42	0	3	1	95	0.00	0.0	2.220	0.000	3	1	1	1
PL.12258	PL.12255	A	4ACSR	7.44Y	124.1	0.03	1.93	8.24	7	58	20	95	0.01	0.0	2.295	0.075	0	0	0	11
PL.25170	PL.12258	A	4ACSR	7.44Y	124.1	0.00	1.93	0.56	0	4	1	97	0.00	0.0	2.371	0.076	0	0	0	2
071404	PL.25170	A	Consumer	7.44Y	124.1	0.00	1.93	0.48	0	3	1	95	0.00	0.0	2.371	0.000	3	1	1	1
071411	PL.25170	A	Consumer	7.44Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	2.371	0.000	0	0	0	0
PL.25171	PL.25170	A	4ACSR	7.44Y	124.1	0.00	1.93	0.08	0	1	0	100	0.00	0.0	2.411	0.040	0	0	0	1
PL.4917	PL.25171	A	4ACSR	7.44Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	2.477	0.066	0	0	0	0
PL.4918	PL.4917	A	4ACSR	7.44Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	2.538	0.062	0	0	0	0
0724118	PL.4918	A	Consumer	7.44Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	2.538	0.000	0	0	0	0
0714118	PL.25171	A	Consumer	7.44Y	124.1	0.00	1.93	0.08	0	1	0	100	0.00	0.0	2.411	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	7.44Y	124.1	0.02	1.95	7.68	6	54	19	94	0.01	0.0	2.356	0.061	0	0	0	9
PL.7597	PL.12259	A	4ACSR	7.44Y	124.0	0.01	1.96	7.68	6	54	19	94	0.01	0.0	2.391	0.036	0	0	0	9
PL.7598	PL.7597	A	4ACSR	7.44Y	124.0	0.02	1.98	6.72	6	47	16	95	0.01	0.0	2.449	0.058	0	0	0	8
PL.12260	PL.7598	A	4ACSR	7.44Y	124.0	0.03	2.01	5.08	4	36	12	95	0.01	0.0	2.573	0.124	0	0	0	6
PL.4888	PL.12260	A	4ACSR	7.44Y	124.0	0.00	2.01	0.75	1	5	2	93	0.00	0.0	2.704	0.130	0	0	0	1
071498	PL.4888	A	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	2.704	0.000	0	0	0	0
0714137	PL.4888	A	Consumer	7.44Y	124.0	0.00	2.01	0.75	0	5	2	93	0.00	0.0	2.704	0.000	5	2	1	1
PL.4894	PL.12260	A	4ACSR	7.44Y	124.0	0.00	2.01	1.26	1	9	3	95	0.00	0.0	2.624	0.050	0	0	0	2
0714120	PL.4894	A	Consumer	7.44Y	124.0	0.00	2.01	0.76	0	5	2	93	0.00	0.0	2.624	0.000	5	2	1	1
0714132	PL.4894	A	Consumer	7.44Y	124.0	0.00	2.01	0.51	0	4	1	97	0.00	0.0	2.624	0.000	4	1	1	1
PL.12261	PL.12260	A	4ACSR	7.44Y	124.0	0.01	2.01	3.06	3	22	7	95	0.00	0.0	2.611	0.038	0	0	0	3
PL.12720	PL.12261	A	4ACSR	7.44Y	124.0	0.01	2.02	2.20	2	15	5	95	0.00	0.0	2.703	0.091	0	0	0	2
0714123	PL.12720	A	Consumer	7.44Y	124.0	0.00	2.02	0.94	0	7	2	96	0.00	0.0	2.703	0.000	7	2	1	1
071496	PL.12720	A	Consumer	7.44Y	124.0	0.00	2.02	1.26	0	9	3	95	0.00	0.0	2.703	0.000	9	3	1	1
PL.4893	PL.12261	A	4ACSR	7.44Y	124.0	0.00	2.01	0.86	1	6	2	95	0.00	0.0	2.654	0.043	0	0	0	1
071482	PL.4893	A	Consumer	7.44Y	124.0	0.00	2.01	0.86	0	6	2	95	0.00	0.0	2.654	0.000	6	2	1	1
071499	PL.7598	A	Consumer	7.44Y	124.0	0.00	1.98	1.07	0	8	3	94	0.00	0.0	2.449	0.000	8	3	1	1
PL.4889	PL.7598	A	4ACSR	7.44Y	124.0	0.00	1.98	0.56	0	4	1	97	0.00	0.0	2.468	0.020	0	0	0	1
071495	PL.4889	A	Consumer	7.44Y	124.0	0.00	1.98	0.56	0	4	1	97	0.00	0.0	2.468	0.000	4	1	1	1
0714128	PL.7597	A	Consumer	7.44Y	124.0	0.00	1.96	0.96	0	7	2	96	0.00	0.0	2.391	0.000	7	2	1	1
071403	PL.12259	A	Consumer	7.44Y	124.1	0.00	1.95	0.00	0	0	0	100	0.00	0.0	2.356	0.000	0	0	0	0
0714108	PL.12254	A	Consumer	7.45Y	124.1	0.00	1.88	0.00	0	0	0	100	0.00	0.0	2.175	0.000	0	0	1	1
071418	PL.12254	A	Consumer	7.45Y	124.1	0.00	1.88	0.51	0	4	1	97	0.00	0.0	2.175	0.000	4	1	1	1
PL.15622	PL.12253	A	336ACSR	7.45Y	124.2	0.00	1.85	0.00	0	0	0	100	0.00	0.0	2.103	0.006	0	0	0	0
		B		7.48Y	124.7	0.00	1.32	0.00	0	0	0	100			0	0	0	0	0	
		C		7.52Y	125.4	0.00	0.59	0.00	0	0	0	100			0	0	0	0	0	
SW32-A	PL.15622	A	Open	7.45Y	124.2	0.00	1.85	0.00	0	0	0	100	0.00	0.0	2.103	0.000	0	0	0	0
		B		7.48Y	124.7	0.00	1.32	0.00	0	0	0	100			0	0	0	0	0	
		C		7.52Y	125.4	0.00	0.59	0.00	0	0	0	100			0	0	0	0	0	
PL.15620	PL.12253	B	4ACSR	7.47Y	124.6	0.12	1.45	24.56	21	173	61	94	0.16	0.1	2.209	0.111	0	0	0	38
PD.3423	PL.15620	B	50E	7.47Y	124.6	0.00	1.45	24.56	49	173	60	94	0.00	0.0	2.209	0.000	0	0	0	38
PL.15621	PD.3423	B	4ACSR	7.47Y	124.5	0.01	1.45	24.56	21	173	60	94	0.01	0.0	2.214	0.005	0	0	0	38
PL.12721	PL.15621	B	4ACSR	7.47Y	124.5	0.04	1.49	22.51	19	159	55	95	0.04	0.0	2.248	0.034	0	0	0	36
072428	PL.12721	B	Consumer	7.47Y	124.5	0.00	1.49	0.64	0	4	2	89	0.00	0.0	2.248	0.000	4	2	1	1
072447	PL.12721	B	Consumer	7.47Y	124.5	0.00	1.49	0.16	0	1	0	100	0.00	0.0	2.248	0.000	1	0	1	1
072458	PL.12721	B	Consumer	7.47Y	124.5	0.00	1.49	0.87	0	6	2	95	0.00	0.0	2.248	0.000	6	2	1	1
PL.26232	PL.12721	B	4ACSR	7.47Y	124.5	0.06	1.55	20.84	18	147	51	94	0.06	0.0	2.307	0.059	0	0	0	33
PL.15629	PL.26232	B	4ACSR	7.47Y	124.5	0.00	1.55	0.42	0	3	1	95	0.00	0.0	2.313	0.005	0	0	0	1
PD.2129	PL.15629	B	fuse6AMP	7.47Y	124.5	0.00	1.55	0.42	7	3	1	95	0.00	0.0	2.313	0.000	0	0	0	1
PL.15630	PD.2129	B	4ACSR	7.47Y	124.5	0.00	1.55	0.42	0	3	1	95	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\SUMMER\PROPOSED SUMMER 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
072467	PL.15630	B	Consumer	7.47Y	124.5	0.00	1.55	0.42	0	3	1	95	0.00	0.0	2.380	0.000	3	1	1	1
PL.26233	PL.26232	B	4ACSR	7.47Y	124.4	0.02	1.57	20.42	17	144	50	94	0.02	0.0	2.330	0.023	0	0	0	32
PL.26066	PL.26233	B	4ACSR	7.46Y	124.4	0.06	1.62	19.08	16	135	47	94	0.06	0.0	2.395	0.064	0	0	0	31
PL.20079	PL.26066	B	4ACSR	7.46Y	124.3	0.06	1.68	18.02	15	127	44	94	0.05	0.0	2.465	0.070	0	0	0	29
072452	PL.20079	B	Consumer	7.46Y	124.3	0.00	1.68	2.17	0	15	5	95	0.00	0.0	2.465	0.000	15	5	1	1
PL.20078	PL.20079	B	4ACSR	7.46Y	124.3	0.02	1.70	15.85	13	112	39	94	0.02	0.0	2.493	0.029	0	0	0	28
PL.45396	PL.20078	B	2ACSR	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	2.509	0.015	0	0	0	0
0724170	PL.45396	B	Consumer	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	2.509	0.000	0	0	0	0
PL.25168	PL.20078	B	4ACSR	7.46Y	124.3	0.03	1.73	14.72	12	104	36	94	0.02	0.0	2.534	0.041	0	0	0	26
PL.26065	PL.25168	B	4ACSR	7.46Y	124.3	0.00	1.73	14.72	12	104	36	94	0.00	0.0	2.539	0.005	0	0	0	26
PL.15633	PL.26065	B	4ACSR	7.46Y	124.3	0.00	1.74	11.30	9	80	28	94	0.00	0.0	2.545	0.005	0	0	0	18
PD.3426	PL.15633	B	25V4E	7.46Y	124.3	0.00	1.74	11.30	45	80	28	94	0.00	0.0	2.545	0.000	0	0	0	18
PL.15634	PD.3426	B	4ACSR	7.45Y	124.2	0.02	1.76	11.30	9	80	28	94	0.01	0.0	2.590	0.045	0	0	0	18
PL.26063	PL.15634	B	4ACSR	7.45Y	124.2	0.04	1.80	11.21	9	79	27	95	0.02	0.0	2.662	0.072	0	0	0	17
0724140	PL.26063	B	Consumer	7.45Y	124.2	0.00	1.80	0.95	0	7	2	96	0.00	0.0	2.662	0.000	7	2	1	1
PL.26064	PL.26063	B	4ACSR	7.45Y	124.2	0.03	1.83	10.26	9	72	25	94	0.02	0.0	2.728	0.066	0	0	0	16
PL.12766	PL.26064	B	4ACSR	7.45Y	124.1	0.08	1.91	10.15	9	71	25	94	0.04	0.1	2.907	0.179	0	0	0	15
PL.34790	PL.12766	B	4ACSR	7.45Y	124.1	0.00	1.91	1.84	2	13	4	96	0.00	0.0	2.916	0.009	0	0	0	2
PD.4964	PL.34790	B	fuse6AMP	7.45Y	124.1	0.00	1.91	1.84	31	13	4	96	0.00	0.0	2.916	0.000	0	0	0	2
PL.34791	PD.4964	B	4ACSR	7.45Y	124.1	0.00	1.91	1.84	2	13	4	96	0.00	0.0	2.945	0.029	0	0	0	2
PL.4800	PL.34791	B	4ACSR	7.44Y	124.1	0.01	1.92	1.84	2	13	4	96	0.00	0.0	3.021	0.077	0	0	0	2
PL.4801	PL.4800	B	4ACSR	7.44Y	124.1	0.00	1.92	1.84	2	13	4	96	0.00	0.0	3.033	0.011	0	0	0	2
PL.3448	PL.4801	B	4ACSR	7.44Y	124.1	0.02	1.93	1.84	2	13	4	96	0.00	0.0	3.217	0.185	0	0	0	2
517201	PL.3448	B	Consumer	7.44Y	124.1	0.00	1.93	1.05	0	7	3	92	0.00	0.0	3.217	0.000	7	3	1	1
PL.3455	PL.3448	B	4ACSR	7.44Y	124.1	0.00	1.94	0.79	1	6	2	95	0.00	0.0	3.252	0.035	0	0	0	1
517202	PL.3455	B	Consumer	7.44Y	124.1	0.00	1.94	0.79	0	6	2	95	0.00	0.0	3.252	0.000	6	2	1	1
PL.34788	PL.12766	B	4ACSR	7.45Y	124.1	0.00	1.91	0.74	1	5	2	93	0.00	0.0	2.916	0.009	0	0	0	1
PD.4963	PL.34788	B	fuse6AMP	7.45Y	124.1	0.00	1.91	0.74	13	5	2	93	0.00	0.0	2.916	0.000	0	0	0	1
PL.34789	PD.4963	B	4ACSR	7.45Y	124.1	0.00	1.91	0.74	1	5	2	93	0.00	0.0	2.957	0.041	0	0	0	1
072517	PL.34789	B	Consumer	7.45Y	124.1	0.00	1.91	0.74	0	5	2	93	0.00	0.0	2.957	0.000	5	2	1	1
PL.12767	PL.12766	B	4ACSR	7.44Y	124.1	0.01	1.92	7.57	6	53	19	94	0.01	0.0	2.949	0.042	0	0	0	12
PL.34792	PL.12767	B	4ACSR	7.44Y	124.1	0.00	1.92	3.83	3	27	9	95	0.00	0.0	2.958	0.009	0	0	0	2
PD.4965	PL.34792	B	fuse6AMP	7.44Y	124.1	0.00	1.92	3.83	65	27	9	95	0.00	0.0	2.958	0.000	0	0	0	2
PL.34793	PD.4965	B	4ACSR	7.44Y	124.1	0.01	1.93	3.83	3	27	9	95	0.00	0.0	2.994	0.036	0	0	0	2
072523	PL.34793	B	Consumer	7.44Y	124.1	0.00	1.93	1.51	0	11	4	94	0.00	0.0	2.994	0.000	11	4	1	1
072514	PL.34793	B	Consumer	7.44Y	124.1	0.00	1.93	2.31	0	16	6	94	0.00	0.0	2.994	0.000	16	6	1	1
PL.12768	PL.12767	B	4ACSR	7.44Y	124.1	0.02	1.95	3.75	3	26	9	94	0.00	0.0	3.081	0.132	0	0	0	10
072513	PL.12768	B	Consumer	7.44Y	124.1	0.00	1.95	0.02	0	0	0	100	0.00	0.0	3.081	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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							
072502	PL.12768	B	Consumer	7.44Y	124.1	0.00	1.95	0.47	0	3	1	95	0.00	0.0	3.081	0.000	3	1	1	1
PL.12769	PL.12768	B	4ACSR	7.44Y	124.0	0.01	1.95	1.25	1	9	3	95	0.00	0.0	3.195	0.114	0	0	0	4
PL.15637	PL.12769	B	4ACSR	7.44Y	124.0	0.00	1.95	0.54	0	4	1	97	0.00	0.0	3.200	0.006	0	0	0	2
PL.15638	PL.15637	B	4ACSR	7.44Y	124.0	0.01	1.96	0.54	0	4	1	97	0.00	0.0	3.592	0.392	0	0	0	2
PL.8204	PL.15638	B	4ACSR	7.44Y	124.0	0.00	1.97	0.54	0	4	1	97	0.00	0.0	3.755	0.163	0	0	0	2
PL.8205	PL.8204	B	4ACSR	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	3.827	0.072	0	0	0	1
073522	PL.8205	B	Consumer	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	3.827	0.000	0	0	1	1
073430	PL.8204	B	Consumer	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	3.755	0.000	0	0	0	0
073407	PL.8204	B	Consumer	7.44Y	124.0	0.00	1.97	0.54	0	4	1	97	0.00	0.0	3.755	0.000	4	1	1	1
PL.15639	PL.12769	B	4ACSR	7.44Y	124.0	0.00	1.95	0.71	1	5	2	93	0.00	0.0	3.200	0.005	0	0	0	2
PD.2126	PL.15639	B	fuse6AMP	7.44Y	124.0	0.00	1.95	0.71	12	5	2	93	0.00	0.0	3.200	0.000	0	0	0	2
PL.21410	PD.2126	B	4ACSR	7.44Y	124.0	0.00	1.95	0.71	1	5	2	93	0.00	0.0	3.227	0.027	0	0	0	2
PL.21411	PL.21410	B	4ACSR	7.44Y	124.0	0.00	1.95	0.00	0	0	0	100	0.00	0.0	3.266	0.040	0	0	0	1
PL.8170	PL.21411	B	4ACSR	7.44Y	124.0	0.00	1.95	0.00	0	0	0	100	0.00	0.0	3.268	0.001	0	0	0	0
072413	PL.21411	B	Consumer	7.44Y	124.0	0.00	1.95	0.00	0	0	0	100	0.00	0.0	3.266	0.000	0	0	1	1
072521	PL.21410	B	Consumer	7.44Y	124.0	0.00	1.95	0.71	0	5	2	93	0.00	0.0	3.227	0.000	5	2	1	1
PL.34824	PL.12768	B	4ACSR	7.44Y	124.1	0.00	1.95	2.00	2	14	5	94	0.00	0.0	3.085	0.004	0	0	0	4
PD.4967	PL.34824	B	fuse6AMP	7.44Y	124.1	0.00	1.95	2.00	34	14	5	94	0.00	0.0	3.085	0.000	0	0	0	4
PL.34827	PD.4967	B	4ACSR	7.44Y	124.1	0.00	1.95	2.00	2	14	5	94	0.00	0.0	3.089	0.005	0	0	0	4
PL.34826	PL.34827	B	4ACSR	7.44Y	124.1	0.00	1.95	0.02	0	0	0	100	0.00	0.0	3.115	0.026	0	0	0	1
072501	PL.34826	B	Consumer	7.44Y	124.1	0.00	1.95	0.02	0	0	0	100	0.00	0.0	3.115	0.000	0	0	1	1
PL.34828	PL.34827	B	4ACSR	7.44Y	124.0	0.00	1.95	1.99	2	14	5	94	0.00	0.0	3.133	0.043	0	0	0	3
072520	PL.34828	B	Consumer	7.44Y	124.0	0.00	1.95	0.65	0	5	2	93	0.00	0.0	3.133	0.000	5	2	1	1
PL.8168	PL.34828	B	4ACSR	7.44Y	124.0	0.00	1.95	1.34	1	9	3	95	0.00	0.0	3.182	0.049	0	0	0	2
072522	PL.8168	B	Consumer	7.44Y	124.0	0.00	1.95	0.42	0	3	1	95	0.00	0.0	3.182	0.000	3	1	1	1
072503	PL.8168	B	Consumer	7.44Y	124.0	0.00	1.95	0.91	0	6	2	95	0.00	0.0	3.182	0.000	6	2	1	1
072412	PL.26064	B	Consumer	7.45Y	124.2	0.00	1.83	0.11	0	1	0	100	0.00	0.0	2.728	0.000	1	0	1	1
0724103	PL.15634	B	Consumer	7.45Y	124.2	0.00	1.76	0.09	0	1	0	100	0.00	0.0	2.590	0.000	1	0	1	1
PL.15635	PL.26065	B	4ACSR	7.46Y	124.3	0.00	1.73	3.41	3	24	9	94	0.00	0.0	2.545	0.006	0	0	0	8
PD.3425	PL.15635	B	25V4E	7.46Y	124.3	0.00	1.73	3.41	14	24	9	94	0.00	0.0	2.545	0.000	0	0	0	8
PL.15636	PD.3425	B	4ACSR	7.45Y	124.2	0.03	1.76	3.41	3	24	9	94	0.00	0.0	2.718	0.173	0	0	0	8
072416	PL.15636	B	Consumer	7.45Y	124.2	0.00	1.76	1.02	0	7	2	96	0.00	0.0	2.718	0.000	7	2	1	1
0724171	PL.15636	B	Consumer	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	2.718	0.000	0	0	0	0
PL.26067	PL.15636	B	4ACSR	7.45Y	124.2	0.00	1.76	1.21	1	8	3	94	0.00	0.0	2.805	0.087	0	0	0	5
PL.26068	PL.26067	B	4ACSR	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	3.056	0.251	0	0	0	0
SW31-A	PL.26068	B	Open	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	3.056	0.000	0	0	0	0
072436	PL.26067	B	Consumer	7.45Y	124.2	0.00	1.76	0.73	0	5	2	93	0.00	0.0	2.805	0.000	5	2	1	1
0724160	PL.26067	B	Consumer	7.45Y	124.2	0.00	1.76	0.06	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\SUMMER\PROPOSED SUMMER 06-10 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							
0724150	PL.26067	B	Consumer	7.45Y	124.2	0.00	1.76	0.19	0	1	1	71	0.00	0.0	2.805	0.000	1	1	1	1
PL.34786	PL.26067	B	4ACSR	7.45Y	124.2	0.00	1.77	0.24	0	2	1	89	0.00	0.0	2.822	0.017	0	0	0	2
PD.4962	PL.34786	B	fuse6AMP	7.45Y	124.2	0.00	1.77	0.24	4	2	1	89	0.00	0.0	2.822	0.000	0	0	0	2
PL.34787	PD.4962	B	4ACSR	7.45Y	124.2	0.00	1.77	0.24	0	2	1	89	0.00	0.0	2.892	0.070	0	0	0	2
072451	PL.34787	B	Consumer	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	2.892	0.000	0	0	0	0
072442	PL.34787	B	Consumer	7.45Y	124.2	0.00	1.77	0.01	0	0	0	100	0.00	0.0	2.892	0.000	0	0	1	1
072465	PL.34787	B	Consumer	7.45Y	124.2	0.00	1.77	0.23	0	2	1	89	0.00	0.0	2.892	0.000	2	1	1	1
PL.8181	PL.34787	B	4ACSR	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	2.930	0.038	0	0	0	0
PL.8182	PL.8181	B	4ACSR	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	2.930	0.000	0	0	0	0
PL.34784	PL.15636	B	4ACSR	7.45Y	124.2	0.00	1.76	1.18	1	8	3	94	0.00	0.0	2.732	0.014	0	0	0	2
PD.4961	PL.34784	B	fuse6AMP	7.45Y	124.2	0.00	1.76	1.18	20	8	3	94	0.00	0.0	2.732	0.000	0	0	0	2
PL.34785	PD.4961	B	4ACSR	7.45Y	124.2	0.00	1.76	1.18	1	8	3	94	0.00	0.0	2.805	0.073	0	0	0	2
PL.4796	PL.34785	B	4ACSR	7.45Y	124.2	0.00	1.76	0.06	0	0	0	100	0.00	0.0	2.844	0.039	0	0	0	1
PL.4794	PL.4796	B	4ACSR	7.45Y	124.2	0.00	1.77	0.06	0	0	0	100	0.00	0.0	2.903	0.059	0	0	0	1
PL.4795	PL.4794	B	4ACSR	7.45Y	124.2	0.00	1.77	0.06	0	0	0	100	0.00	0.0	3.002	0.099	0	0	0	1
PL.4791	PL.4795	B	4ACSR	7.45Y	124.2	0.00	1.77	0.06	0	0	0	100	0.00	0.0	3.041	0.039	0	0	0	1
PL.4790	PL.4791	B	4ACSR	7.45Y	124.2	0.00	1.77	0.06	0	0	0	100	0.00	0.0	3.087	0.047	0	0	0	1
072450	PL.4790	B	Consumer	7.45Y	124.2	0.00	1.77	0.06	0	0	0	100	0.00	0.0	3.087	0.000	0	0	1	1
0724141	PL.34785	B	Consumer	7.45Y	124.2	0.00	1.76	1.12	0	8	3	94	0.00	0.0	2.805	0.000	8	3	1	1
072456	PL.20078	B	Consumer	7.46Y	124.3	0.00	1.70	0.83	0	6	2	95	0.00	0.0	2.493	0.000	6	2	1	1
072464	PL.20078	B	Consumer	7.46Y	124.3	0.00	1.70	0.30	0	2	1	89	0.00	0.0	2.493	0.000	2	1	1	1
072409	PL.26066	B	Consumer	7.46Y	124.4	0.00	1.62	0.39	0	3	1	95	0.00	0.0	2.395	0.000	3	1	1	1
072418	PL.26066	B	Consumer	7.46Y	124.4	0.00	1.62	0.68	0	5	2	93	0.00	0.0	2.395	0.000	5	2	1	1
PL.15631	PL.26233	B	4ACSR	7.47Y	124.4	0.00	1.57	1.34	1	9	3	95	0.00	0.0	2.336	0.006	0	0	0	1
PD.2130	PL.15631	B	fuse6AMP	7.47Y	124.4	0.00	1.57	1.34	23	9	3	95	0.00	0.0	2.336	0.000	0	0	0	1
PL.15632	PD.2130	B	4ACSR	7.47Y	124.4	0.01	1.57	1.34	1	9	3	95	0.00	0.0	2.431	0.095	0	0	0	1
072419	PL.15632	B	Consumer	7.47Y	124.4	0.00	1.57	1.34	0	9	3	95	0.00	0.0	2.431	0.000	9	3	1	1
PL.15627	PL.15621	B	4ACSR	7.47Y	124.5	0.00	1.46	2.05	2	14	5	94	0.00	0.0	2.220	0.005	0	0	0	2
PD.2128	PL.15627	B	fuse6AMP	7.47Y	124.5	0.00	1.46	2.05	35	14	5	94	0.00	0.0	2.220	0.000	0	0	0	2
PL.15628	PD.2128	B	4ACSR	7.47Y	124.5	0.01	1.46	2.05	2	14	5	94	0.00	0.0	2.306	0.086	0	0	0	2
072438	PL.15628	B	Consumer	7.47Y	124.5	0.00	1.46	0.40	0	3	1	95	0.00	0.0	2.306	0.000	3	1	1	1
PL.4924	PL.15628	B	4ACSR	7.47Y	124.5	0.00	1.47	1.65	1	12	4	95	0.00	0.0	2.344	0.038	0	0	0	1
0724137	PL.4924	B	Consumer	7.47Y	124.5	0.00	1.47	1.65	0	12	4	95	0.00	0.0	2.344	0.000	12	4	1	1
0724169	PL.4924	B	Consumer	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.344	0.000	0	0	0	0
071443	PL.12252	B	Consumer	7.48Y	124.7	0.00	1.28	0.69	0	5	2	93	0.00	0.0	2.028	0.000	5	2	1	1
0714103	PL.12251	B	Consumer	7.49Y	124.8	0.00	1.25	1.24	0	8	4	89	0.00	0.0	1.968	0.000	8	4	1	1
PL.27048	PL.12251	C	4ACSR	7.52Y	125.4	0.00	0.60	5.25	4	37	13	94	0.00	0.0	1.973	0.005	0	0	0	9
C PD.2121	PL.27048	C	fuse6AMP	7.52Y	125.4	0.00	0.60	5.25	90	37	13	94	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\SUMMER\PROPOSED SUMMER 06-10 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.27049	PD.2121	C	4ACSR	7.52Y	125.4	0.01	0.62	5.25	4	37	13	94	0.00	0.0	2.016	0.042	0	0	0	9
PL.4892	PL.27049	C	4ACSR	7.52Y	125.4	0.01	0.62	5.25	4	37	13	94	0.00	0.0	2.045	0.029	0	0	0	9
071497	PL.4892	C	Consumer	7.52Y	125.4	0.00	0.62	0.30	0	2	1	89	0.00	0.0	2.045	0.000	2	1	1	1
071454	PL.4892	C	Consumer	7.52Y	125.4	0.00	0.62	0.61	0	4	2	89	0.00	0.0	2.045	0.000	4	2	1	1
0714133	PL.4892	C	Consumer	7.52Y	125.4	0.00	0.62	0.12	0	1	0	100	0.00	0.0	2.045	0.000	1	0	1	1
071481	PL.4892	C	Consumer	7.52Y	125.4	0.00	0.62	0.84	0	6	2	95	0.00	0.0	2.045	0.000	6	2	1	1
071489	PL.4892	C	Consumer	7.52Y	125.4	0.00	0.62	0.04	0	0	0	100	0.00	0.0	2.045	0.000	0	0	1	1
PL.4890	PL.4892	C	4ACSR	7.52Y	125.4	0.00	0.63	3.34	3	24	8	95	0.00	0.0	2.073	0.028	0	0	0	4
PL.4891	PL.4890	C	4ACSR	7.52Y	125.4	0.00	0.63	2.68	2	19	7	94	0.00	0.0	2.096	0.023	0	0	0	3
071488	PL.4891	C	Consumer	7.52Y	125.4	0.00	0.63	1.02	0	7	3	92	0.00	0.0	2.096	0.000	7	3	1	1
071451	PL.4891	C	Consumer	7.52Y	125.4	0.00	0.63	0.67	0	5	2	93	0.00	0.0	2.096	0.000	5	2	1	1
0714149	PL.4891	C	Consumer	7.52Y	125.4	0.00	0.63	0.99	0	7	2	96	0.00	0.0	2.096	0.000	0	0	0	1
071487	0714149	C	Consumer	7.52Y	125.4	0.00	0.63	0.99	0	7	2	96	0.00	0.0	2.096	0.000	7	2	1	1
071486	PL.4890	C	Consumer	7.52Y	125.4	0.00	0.63	0.66	0	5	2	93	0.00	0.0	2.073	0.000	5	2	1	1
071433	PL.19943	B	Consumer	7.49Y	124.8	0.00	1.19	0.40	0	3	1	95	0.00	0.0	1.887	0.000	3	1	1	1
071420	PL.19943	B	Consumer	7.49Y	124.8	0.00	1.19	0.70	0	5	2	93	0.00	0.0	1.887	0.000	5	2	1	1
0714141	PL.19943	B	Consumer	7.49Y	124.8	0.00	1.19	0.05	0	0	0	100	0.00	0.0	1.887	0.000	0	0	1	1
PL.21407	PL.19943	A	4ACSR	7.45Y	124.2	0.00	1.78	2.14	2	15	5	95	0.00	0.0	1.892	0.005	0	0	0	5
PD.3501	PL.21407	A	fuse6AMP	7.45Y	124.2	0.00	1.78	2.14	37	15	5	95	0.00	0.0	1.892	0.000	0	0	0	5
PL.21408	PD.3501	A	4ACSR	7.45Y	124.2	0.01	1.78	2.14	2	15	5	95	0.00	0.0	1.948	0.056	0	0	0	5
PL.4895	PL.21408	A	4ACSR	7.45Y	124.2	0.00	1.78	1.14	1	8	3	94	0.00	0.0	1.981	0.032	0	0	0	3
071419	PL.4895	A	Consumer	7.45Y	124.2	0.00	1.78	0.15	0	1	0	100	0.00	0.0	1.981	0.000	1	0	1	1
071406	PL.4895	A	Consumer	7.45Y	124.2	0.00	1.78	0.83	0	6	2	95	0.00	0.0	1.981	0.000	6	2	1	1
0714102	PL.4895	A	Consumer	7.45Y	124.2	0.00	1.78	0.15	0	1	0	100	0.00	0.0	1.981	0.000	1	0	1	1
PL.25173	PL.21408	A	4ACSR	7.45Y	124.2	0.00	1.78	1.00	1	7	2	96	0.00	0.0	1.976	0.027	0	0	0	2
PL.25174	PL.25173	A	4ACSR	7.45Y	124.2	0.00	1.78	0.40	0	3	1	95	0.00	0.0	1.988	0.013	0	0	0	1
071457	PL.25174	A	Consumer	7.45Y	124.2	0.00	1.78	0.00	0	0	0	100	0.00	0.0	1.988	0.000	0	0	0	0
071432	PL.25174	A	Consumer	7.45Y	124.2	0.00	1.78	0.40	0	3	1	95	0.00	0.0	1.988	0.000	3	1	1	1
071461	PL.25173	A	Consumer	7.45Y	124.2	0.00	1.78	0.60	0	4	1	97	0.00	0.0	1.976	0.000	4	1	1	1
071475	PL.19942	B	Consumer	7.49Y	124.9	0.00	1.13	0.76	0	5	2	93	0.00	0.0	1.808	0.000	5	2	1	1
071469	PL.19942	B	Consumer	7.49Y	124.9	0.00	1.13	0.33	0	2	1	89	0.00	0.0	1.808	0.000	2	1	1	1
071408	PL.12607	C	Consumer	7.53Y	125.4	0.00	0.58	0.48	0	3	1	95	0.00	0.0	1.601	0.000	3	1	1	1
PL.15499	PL.7743	B	4ACSR	7.51Y	125.1	0.00	0.90	0.36	0	3	1	95	0.00	0.0	1.503	0.005	0	0	0	1
PD.2930	PL.15499	B	fuse6AMP	7.51Y	125.1	0.00	0.90	0.36	6	3	1	95	0.00	0.0	1.503	0.000	0	0	0	1
PL.15500	PD.2930	B	4ACSR	7.51Y	125.1	0.00	0.91	0.36	0	3	1	95	0.00	0.0	1.598	0.094	0	0	0	1
629302	PL.15500	B	Consumer	7.51Y	125.1	0.00	0.91	0.36	0	3	1	95	0.00	0.0	1.598	0.000	3	1	1	1
PL.15497	PL.7743	A	336ACSR	7.46Y	124.3	0.00	1.67	55.38	13	390	138	94	0.01	0.0	1.503	0.005	0	0	0	93
PD.2360-A	PL.15497	A	Closed	7.46Y	124.3	0.00	1.67	55.38	0	390	138	94	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\SUMMER\PROPOSED SUMMER 06-10 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.2360-B	PD.2360-A	A	Closed	7.46Y	124.3	0.00	1.67	55.38	0	390	138	94	0.00	0.0	1.503	0.000	0	0	0	93
PL.15498	PD.2360-B	A	336ACSR	7.46Y	124.3	0.02	1.69	55.38	13	390	138	94	0.04	0.0	1.540	0.036	0	0	0	93
629405	PL.15498	A	Consumer	7.46Y	124.3	0.00	1.69	0.46	0	3	1	95	0.00	0.0	1.540	0.000	3	1	1	1
629407	PL.15498	A	Consumer	7.46Y	124.3	0.00	1.69	0.04	0	0	0	100	0.00	0.0	1.540	0.000	0	0	1	1
PL.7451	PL.15498	A	336ACSR	7.46Y	124.3	0.03	1.72	54.88	12	386	136	94	0.05	0.0	1.578	0.039	0	0	0	91
PL.15495	PL.7451	A	336ACSR	7.46Y	124.3	0.00	1.72	51.67	12	363	128	94	0.01	0.0	1.584	0.005	0	0	0	88
PD.3575	PL.15495	A	70V4E	7.46Y	124.3	0.00	1.72	51.67	74	363	128	94	0.00	0.0	1.584	0.000	0	0	0	88
PL.15496	PD.3575	A	336ACSR	7.45Y	124.2	0.07	1.79	51.67	12	363	128	94	0.12	0.0	1.698	0.114	0	0	0	88
PL.38901	PL.15496	A	4ACSR	7.45Y	124.2	0.00	1.79	1.08	1	8	3	94	0.00	0.0	1.701	0.003	0	0	0	3
PD.6762	PL.38901	A	fuse6AMP	7.45Y	124.2	0.00	1.79	1.08	18	8	3	94	0.00	0.0	1.701	0.000	0	0	0	3
PL.38902	PD.6762	A	4ACSR	7.45Y	124.2	0.00	1.79	1.08	1	8	3	94	0.00	0.0	1.704	0.003	0	0	0	3
PL.15494	PL.38902	A	4ACSR	7.45Y	124.2	0.00	1.79	1.08	1	8	3	94	0.00	0.0	1.740	0.036	0	0	0	3
629203	PL.15494	A	Consumer	7.45Y	124.2	0.00	1.79	0.42	0	3	1	95	0.00	0.0	1.740	0.000	3	1	1	1
629201	PL.15494	A	Consumer	7.45Y	124.2	0.00	1.79	0.01	0	0	0	100	0.00	0.0	1.740	0.000	0	0	1	1
628201	PL.15494	A	Consumer	7.45Y	124.2	0.00	1.79	0.65	0	5	2	93	0.00	0.0	1.740	0.000	5	2	1	1
629202	PL.15496	A	Consumer	7.45Y	124.2	0.00	1.79	0.39	0	3	1	95	0.00	0.0	1.698	0.000	3	1	1	1
629204	PL.15496	A	Consumer	7.45Y	124.2	0.00	1.79	0.43	0	3	1	95	0.00	0.0	1.698	0.000	3	1	1	1
PL.12610	PL.15496	A	336ACSR	7.45Y	124.2	0.00	1.79	49.77	11	350	123	94	0.01	0.0	1.705	0.006	0	0	0	83
PL.12611	PL.12610	A	336ACSR	7.45Y	124.2	0.01	1.80	47.51	11	334	118	94	0.02	0.0	1.721	0.017	0	0	0	78
628208	PL.12611	A	Consumer	7.45Y	124.2	0.00	1.80	0.05	0	0	0	100	0.00	0.0	1.721	0.000	0	0	1	1
PL.12612	PL.12611	A	336ACSR	7.45Y	124.2	0.04	1.85	47.46	11	334	118	94	0.07	0.0	1.800	0.078	0	0	0	77
PL.7747	PL.12612	A	1/0ACSR	7.45Y	124.1	0.01	1.86	39.22	20	275	97	94	0.02	0.0	1.814	0.015	0	0	0	65
629101	PL.7747	A	Consumer	7.45Y	124.1	0.00	1.86	0.83	0	6	2	95	0.00	0.0	1.814	0.000	6	2	1	1
PL.6947	PL.7747	A	1/0ACSR	7.45Y	124.1	0.02	1.88	38.38	19	270	95	94	0.03	0.0	1.830	0.016	0	0	0	64
RG.22	PL.6947	A	1ph-100A-7	7.56Y	126.0	-1.88	0.00	38.38	38	270	95	94	percent Boost= 1.51 Tap= 2.4							64
PL.289	RG.22	A	1/0ACSR	7.56Y	125.9	0.07	0.07	37.81	19	270	95	94	0.11	0.0	1.900	0.070	0	0	0	64
PL.12619	PL.289	A	1/0ACSR	7.56Y	125.9	0.01	0.08	37.81	19	269	95	94	0.02	0.0	1.915	0.015	0	0	0	64
PL.38908	PL.12619	A	4ACSR	7.55Y	125.9	0.01	0.09	36.31	31	259	91	94	0.02	0.0	1.921	0.006	0	0	0	62
PD.6764-A	PL.38908	A	Closed	7.55Y	125.9	0.00	0.09	36.31	0	259	91	94	0.00	0.0	1.921	0.000	0	0	0	62
PD.6764-B	PD.6764-A	A	Closed	7.55Y	125.9	0.00	0.09	36.31	0	259	91	94	0.00	0.0	1.921	0.000	0	0	0	62
PL.38909	PD.6764-B	A	1/0ACSR	7.55Y	125.9	0.06	0.15	36.31	18	259	91	94	0.09	0.0	1.987	0.066	0	0	0	62
PL.4900	PL.38909	A	4ACSR	7.55Y	125.8	0.00	0.15	0.47	0	3	1	95	0.00	0.0	2.095	0.108	0	0	0	1
071456	PL.4900	A	Consumer	7.55Y	125.8	0.00	0.15	0.47	0	3	1	95	0.00	0.0	2.095	0.000	3	1	1	1
071401	PL.38909	A	Consumer	7.55Y	125.9	0.00	0.15	0.70	0	5	2	93	0.00	0.0	1.987	0.000	5	2	1	1
PL.4901	PL.38909	A	4ACSR	7.55Y	125.9	0.00	0.15	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	7.54Y	125.7	0.12	0.27	35.14	17	250	88	94	0.18	0.1	2.123	0.136	0	0	0	60
PL.4915	PL.38912	A	4ACSR	7.54Y	125.7	0.04	0.31	35.14	30	250	88	94	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	0.35	30.40	15	216	76	94	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\SUMMER\PROPOSED SUMMER 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.4764, PD.3274, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
071311	PL.24271	A	Consumer	7.52Y	125.3	0.00	0.68	1.26	0	9	3	95	0.00	0.0	2.953	0.000	9	3	1	1
PL.12626	PL.12625	A	4ACSR	7.52Y	125.3	0.01	0.68	3.47	3	25	9	94	0.00	0.0	2.861	0.070	0	0	0	6
071326	PL.12626	A	Consumer	7.52Y	125.3	0.00	0.68	0.44	0	3	1	95	0.00	0.0	2.861	0.000	3	1	1	1
PL.8141	PL.12626	A	4ACSR	7.52Y	125.3	0.01	0.69	3.03	3	22	7	95	0.00	0.0	2.937	0.075	0	0	0	5
PL.39019	PL.8141	A	4ACSR	7.52Y	125.3	0.00	0.70	1.07	1	8	3	94	0.00	0.0	3.006	0.070	0	0	0	2
PL.39020	PL.39019	A	4ACSR	7.52Y	125.3	0.00	0.70	1.07	1	8	3	94	0.00	0.0	3.041	0.035	0	0	0	1
071346	PL.39020	A	Consumer	7.52Y	125.3	0.00	0.70	1.07	0	8	3	94	0.00	0.0	3.041	0.000	8	3	1	1
0713050	PL.39019	A	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	3.006	0.000	0	0	1	1
071318	PL.8141	A	Consumer	7.52Y	125.3	0.00	0.69	0.00	0	0	0	100	0.00	0.0	2.937	0.000	0	0	0	0
PL.14892	PL.8141	A	4ACSR	7.52Y	125.3	0.00	0.69	1.96	2	14	5	94	0.00	0.0	2.942	0.006	0	0	0	3
PD.3275-A	PL.14892	A	Closed	7.52Y	125.3	0.00	0.69	1.96	0	14	5	94	0.00	0.0	2.942	0.000	0	0	0	3
PD.3275-B	PD.3275-A	A	Closed	7.52Y	125.3	0.00	0.69	1.96	0	14	5	94	0.00	0.0	2.942	0.000	0	0	0	3
PL.14893	PD.3275-B	A	4ACSR	7.52Y	125.3	0.01	0.70	1.96	2	14	5	94	0.00	0.0	3.021	0.079	0	0	0	3
071322	PL.14893	A	Consumer	7.52Y	125.3	0.00	0.70	0.59	0	4	1	97	0.00	0.0	3.021	0.000	4	1	1	1
071328	PL.14893	A	Consumer	7.52Y	125.3	0.00	0.70	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	125.3	0.00	0.70	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	125.3	0.00	0.70	1.37	0	10	3	96	0.00	0.0	3.021	0.000	10	3	1	1
071309	PL.12625	A	Consumer	7.52Y	125.3	0.00	0.67	0.25	0	2	1	89	0.00	0.0	2.791	0.000	2	1	1	1
071317	PL.12624	A	Consumer	7.52Y	125.3	0.00	0.66	0.47	0	3	1	95	0.00	0.0	2.737	0.000	3	1	1	1
PL.34658	PD.2933	A	4ACSR	7.52Y	125.4	0.00	0.61	0.35	0	3	1	95	0.00	0.0	2.591	0.005	0	0	0	1
PL.34660	PL.34658	A	4ACSR	7.52Y	125.4	0.00	0.61	0.35	0	3	1	95	0.00	0.0	2.612	0.021	0	0	0	1
PD.4911	PL.34660	A	fuse6AMP	7.52Y	125.4	0.00	0.61	0.35	6	3	1	95	0.00	0.0	2.612	0.000	0	0	0	1
PL.34661	PD.4911	A	4ACSR	7.52Y	125.4	0.00	0.62	0.35	0	3	1	95	0.00	0.0	2.624	0.012	0	0	0	1
071304	PL.34661	A	Consumer	7.52Y	125.4	0.00	0.62	0.35	0	3	1	95	0.00	0.0	2.624	0.000	3	1	1	1
PL.15103	PD.2933	A	1/0ACSR	7.52Y	125.4	0.01	0.62	18.25	9	129	46	94	0.01	0.0	2.609	0.022	0	0	0	33
PL.15489	PL.15103	A	1/0ACSR	7.52Y	125.4	0.01	0.64	18.25	9	129	46	94	0.01	0.0	2.640	0.032	0	0	0	33
PD.4912-A	PL.15489	A	Closed	7.52Y	125.4	0.00	0.64	18.25	0	129	46	94	0.00	0.0	2.640	0.000	0	0	0	33
PD.4912-B	PD.4912-A	A	Closed	7.52Y	125.4	0.00	0.64	18.25	0	129	46	94	0.00	0.0	2.640	0.000	0	0	0	33
PL.25285	PD.4912-B	A	1/0ACSR	7.52Y	125.3	0.04	0.68	18.25	9	129	46	94	0.03	0.0	2.729	0.089	0	0	0	33
PL.12627	PL.25285	A	1/0ACSR	7.52Y	125.3	0.02	0.70	18.25	9	129	46	94	0.01	0.0	2.766	0.036	0	0	0	33
PL.12628	PL.12627	A	1/0ACSR	7.52Y	125.3	0.01	0.71	16.97	8	120	43	94	0.01	0.0	2.795	0.029	0	0	0	32
PL.12629	PL.12628	A	1/0ACSR	7.52Y	125.3	0.01	0.72	16.17	8	115	41	94	0.01	0.0	2.831	0.036	0	0	0	31
071323	PL.12629	A	Consumer	7.52Y	125.3	0.00	0.72	0.38	0	3	1	95	0.00	0.0	2.831	0.000	3	1	1	1
PL.12630	PL.12629	A	1/0ACSR	7.51Y	125.2	0.04	0.76	15.79	8	112	40	94	0.03	0.0	2.929	0.099	0	0	0	30
PL.11743	PL.12630	A	1/0ACSR	7.51Y	125.2	0.04	0.80	15.15	8	107	38	94	0.02	0.0	3.025	0.096	0	0	0	29
PL.11744	PL.11743	A	1/0ACSR	7.50Y	125.0	0.16	0.96	15.15	8	107	38	94	0.11	0.1	3.459	0.433	0	0	0	29
PL.11745	PL.11744	A	1/0ACSR	7.50Y	125.0	0.03	0.99	14.91	7	105	37	94	0.02	0.0	3.536	0.077	0	0	0	27
PL.38910	PL.11745	A	1/0ACSR	7.50Y	125.0	0.00	0.99	2.56	1	18	6	95	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\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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.3420	PL.15484	A	25V4E	7.50Y	125.0	0.00	0.99	12.34	49	87	31	94	0.00	0.0	3.541	0.000	0	0	0	22
PL.15485	PD.3420	A	4ACSR	7.50Y	124.9	0.07	1.06	12.34	10	87	31	94	0.05	0.1	3.673	0.131	0	0	0	22
071302	PL.15485	A	Consumer	7.50Y	124.9	0.00	1.06	0.11	0	1	0	100	0.00	0.0	3.673	0.000	1	0	1	1
PL.8154	PL.15485	A	4ACSR	7.49Y	124.9	0.07	1.14	12.24	10	86	31	94	0.05	0.1	3.803	0.130	0	0	0	21
PL.8155	PL.8154	A	4ACSR	7.49Y	124.8	0.04	1.18	12.24	10	86	31	94	0.03	0.0	3.878	0.075	0	0	0	20
071228	PL.8155	A	Consumer	7.49Y	124.8	0.00	1.18	1.02	0	7	3	92	0.00	0.0	3.878	0.000	7	3	1	1
PL.8156	PL.8155	A	4ACSR	7.49Y	124.8	0.05	1.23	11.22	9	79	28	94	0.03	0.0	3.986	0.107	0	0	0	19
PL.8157	PL.8156	A	4ACSR	7.48Y	124.7	0.11	1.35	11.22	9	79	28	94	0.07	0.1	4.210	0.224	0	0	0	19
PL.11292	PL.8157	A	4ACSR	7.48Y	124.6	0.02	1.37	10.92	9	77	27	94	0.01	0.0	4.247	0.037	0	0	0	18
PL.11293	PL.11292	A	4ACSR	7.47Y	124.5	0.09	1.46	9.59	8	68	24	94	0.05	0.1	4.464	0.217	0	0	0	17
PL.34772	PL.11293	A	4ACSR	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	4.475	0.011	0	0	0	1
PD.4957	PL.34772	A	fuse6AMP	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	4.475	0.000	0	0	0	1
PL.34773	PD.4957	A	4ACSR	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	4.547	0.072	0	0	0	1
0722017	PL.34773	A	Consumer	7.47Y	124.5	0.00	1.46	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	124.4	0.10	1.56	9.59	8	68	24	94	0.05	0.1	4.696	0.231	0	0	0	16
PL.34774	PL.11294	A	4ACSR	7.47Y	124.4	0.00	1.56	0.23	0	2	1	89	0.00	0.0	4.707	0.011	0	0	0	1
PD.4958	PL.34774	A	fuse6AMP	7.47Y	124.4	0.00	1.56	0.23	4	2	1	89	0.00	0.0	4.707	0.000	0	0	0	1
PL.34775	PD.4958	A	4ACSR	7.47Y	124.4	0.00	1.56	0.23	0	2	1	89	0.00	0.0	4.838	0.131	0	0	0	1
072214	PL.34775	A	Consumer	7.47Y	124.4	0.00	1.56	0.23	0	2	1	89	0.00	0.0	4.838	0.000	2	1	1	1
072206	PL.11294	A	Consumer	7.47Y	124.4	0.00	1.56	0.21	0	1	1	71	0.00	0.0	4.696	0.000	1	1	1	1
072207	PL.11294	A	Consumer	7.47Y	124.4	0.00	1.56	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	0.07	1.63	9.16	8	64	23	94	0.03	0.1	4.858	0.162	0	0	0	14
PL.12118	PL.8153	A	4ACSR	7.46Y	124.3	0.04	1.67	8.42	7	59	21	94	0.02	0.0	4.970	0.112	0	0	0	13
0722016	PL.12118	A	Consumer	7.46Y	124.3	0.00	1.67	0.55	0	4	2	89	0.00	0.0	4.970	0.000	4	2	1	1
PL.12119	PL.12118	A	4ACSR	7.46Y	124.3	0.05	1.73	7.47	6	53	18	95	0.02	0.0	5.121	0.151	0	0	0	11
PL.34776	PL.12119	A	4ACSR	7.46Y	124.3	0.00	1.73	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	1.73	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	1.73	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	1.73	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	1.73	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	1.73	0.00	0	0	0	100	0.00	0.0	5.198	0.000	0	0	0	0
PL.12120	PL.12119	A	4ACSR	7.45Y	124.2	0.03	1.75	7.47	6	53	18	95	0.01	0.0	5.197	0.076	0	0	0	11
PL.43	PL.12120	A	4ACSR	7.45Y	124.2	0.01	1.77	7.47	6	53	18	95	0.01	0.0	5.239	0.042	0	0	0	11
PL.34782	PL.43	A	4ACSR	7.45Y	124.2	0.00	1.77	1.66	1	12	4	95	0.00	0.0	5.246	0.007	0	0	0	2
PL.34783	PL.34782	A	4ACSR	7.45Y	124.2	0.00	1.77	1.66	1	12	4	95	0.00	0.0	5.275	0.028	0	0	0	2
PL.44646	PL.34783	A	4ACSR	7.45Y	124.2	0.00	1.77	1.66	1	12	4	95	0.00	0.0	5.284	0.010	0	0	0	2
PL.44650	PL.44646	A	4ACSR	7.45Y	124.2	0.00	1.77	1.66	1	12	4	95	0.00	0.0	5.299	0.015	0	0	0	2
PD.620	PL.44650	A	fuse8AMP	7.45Y	124.2	0.00	1.77	1.66	23	12	4	95	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\SUMMER\PROPOSED SUMMER 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.44651	PD.620	A	4ACSR	7.45Y	124.2	0.01	1.78	1.66	1	12	4	95	0.00	0.0	5.441	0.142	0	0	0	2
PL.518	PL.44651	A	4ACSR	7.45Y	124.2	0.01	1.79	1.66	1	12	4	95	0.00	0.0	5.510	0.069	0	0	0	2
122905	PL.518	A	Consumer	7.45Y	124.2	0.00	1.79	1.36	0	10	3	96	0.00	0.0	5.510	0.000	10	3	1	1
122916	PL.518	A	Consumer	7.45Y	124.2	0.00	1.79	0.30	0	2	1	89	0.00	0.0	5.510	0.000	2	1	1	1
PL.12121	PL.44651	A	4ACSR	7.45Y	124.2	0.00	1.78	0.00	0	0	0	100	0.00	0.0	5.560	0.119	0	0	0	0
PL.516	PL.12121	A	4ACSR	7.45Y	124.2	0.00	1.78	0.00	0	0	0	100	0.00	0.0	5.686	0.126	0	0	0	0
122911	PL.516	A	Consumer	7.45Y	124.2	0.00	1.78	0.00	0	0	0	100	0.00	0.0	5.686	0.000	0	0	0	0
PL.34780	PL.43	A	4ACSR	7.45Y	124.2	0.00	1.77	1.18	1	8	3	94	0.00	0.0	5.255	0.016	0	0	0	1
PD.4960	PL.34780	A	fuse6AMP	7.45Y	124.2	0.00	1.77	1.18	20	8	3	94	0.00	0.0	5.255	0.000	0	0	0	1
PL.34781	PD.4960	A	4ACSR	7.45Y	124.2	0.00	1.77	1.18	1	8	3	94	0.00	0.0	5.263	0.008	0	0	0	1
PL.27411	PL.34781	A	4ACSR	7.45Y	124.2	0.00	1.77	1.18	1	8	3	94	0.00	0.0	5.352	0.088	0	0	0	1
122925	PL.27411	A	Consumer	7.45Y	124.2	0.00	1.77	1.18	0	8	3	94	0.00	0.0	5.352	0.000	8	3	1	1
PL.34778	PL.43	A	4ACSR	7.45Y	124.2	0.00	1.77	4.64	4	33	11	95	0.00	0.0	5.246	0.007	0	0	0	8
PL.44648	PL.34778	A	4ACSR	7.45Y	124.2	0.02	1.79	4.64	4	33	11	95	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	1.79	4.64	0	33	11	95	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	1.79	4.64	0	33	11	95	0.00	0.0	5.351	0.000	0	0	0	8
PL.44649	PD.83-B	A	4ACSR	7.45Y	124.2	0.05	1.84	4.64	4	33	11	95	0.01	0.0	5.573	0.222	0	0	0	8
PL.12123	PL.44649	A	4ACSR	7.45Y	124.2	0.01	1.85	3.49	3	25	9	94	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	0.73	0	5	2	93	0.00	0.0	5.635	0.000	5	2	1	1
122924	PL.12123	A	Consumer	7.45Y	124.2	0.00	1.85	0.39	0	3	1	95	0.00	0.0	5.635	0.000	3	1	1	1
122930	PL.12123	A	Consumer	7.45Y	124.2	0.00	1.85	0.57	0	4	1	97	0.00	0.0	5.635	0.000	4	1	1	1
PL.12124	PL.12123	A	4ACSR	7.45Y	124.2	0.00	1.85	1.80	2	13	4	96	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	1.10	1	8	3	94	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	1.85	1.10	1	8	3	94	0.00	0.0	5.767	0.065	0	0	0	1
1229034	PL.31897	A	Consumer	7.45Y	124.1	0.00	1.85	1.10	0	8	3	94	0.00	0.0	5.767	0.000	8	3	1	1
122928	PL.12124	A	Consumer	7.45Y	124.2	0.00	1.85	0.70	0	5	2	93	0.00	0.0	5.681	0.000	5	2	1	1
PL.27406	PL.44649	A	4ACSR	7.45Y	124.2	0.00	1.84	0.95	1	7	2	96	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	0.95	16	7	2	96	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	0.95	1	7	2	96	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	0.27	0	2	1	89	0.00	0.0	5.631	0.000	2	1	1	1
122922	PL.27407	A	Consumer	7.45Y	124.2	0.00	1.84	0.68	0	5	2	93	0.00	0.0	5.631	0.000	5	2	1	1
122931	PL.44649	A	Consumer	7.45Y	124.2	0.00	1.84	0.19	0	1	0	100	0.00	0.0	5.573	0.000	1	0	1	1
PL.17432	PL.12118	A	4ACSR	7.46Y	124.3	0.00	1.67	0.40	0	3	1	95	0.00	0.0	4.976	0.006	0	0	0	1
PD.3269	PL.17432	A	fuse6AMP	7.46Y	124.3	0.00	1.67	0.40	7	3	1	95	0.00	0.0	4.976	0.000	0	0	0	1
PL.17433	PD.3269	A	4ACSR	7.46Y	124.3	0.00	1.68	0.40	0	3	1	95	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\SUMMER\PROPOSED SUMMER 06-10 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	1.68	0.40	0	3	1	95	0.00	0.0	5.132	0.000	3	1	1	1
072215	PL.8153	A	Consumer	7.46Y	124.4	0.00	1.63	0.74	0	5	2	93	0.00	0.0	4.858	0.000	5	2	1	1
PL.34770	PL.11292	A	4ACSR	7.48Y	124.6	0.00	1.37	1.33	1	9	3	95	0.00	0.0	4.257	0.009	0	0	0	1
PD.4956	PL.34770	A	fuse6AMP	7.48Y	124.6	0.00	1.37	1.33	23	9	3	95	0.00	0.0	4.257	0.000	0	0	0	1
PL.34771	PD.4956	A	4ACSR	7.48Y	124.6	0.02	1.39	1.33	1	9	3	95	0.00	0.0	4.618	0.361	0	0	0	1
072205	PL.34771	A	Consumer	7.48Y	124.6	0.00	1.39	1.33	0	9	3	95	0.00	0.0	4.618	0.000	9	3	1	1
072204	PL.8157	A	Consumer	7.48Y	124.7	0.00	1.35	0.30	0	2	1	89	0.00	0.0	4.210	0.000	2	1	1	1
071341	PL.8154	A	Consumer	7.49Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	3.803	0.000	0	0	1	1
071345	PL.11744	A	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	3.459	0.000	0	0	1	1
071301	PL.11744	A	Consumer	7.50Y	125.0	0.00	0.96	0.24	0	2	1	89	0.00	0.0	3.459	0.000	2	1	1	1
PL.15486	PL.11743	A	4ACSR	7.51Y	125.2	0.00	0.80	0.00	0	0	0	100	0.00	0.0	3.031	0.006	0	0	0	0
PL.24266	PL.12630	A	4ACSR	7.51Y	125.2	0.00	0.76	0.64	1	5	2	93	0.00	0.0	2.998	0.068	0	0	0	1
071308	PL.24266	A	Consumer	7.51Y	125.2	0.00	0.76	0.64	0	5	2	93	0.00	0.0	2.998	0.000	5	2	1	1
071314	PL.12628	A	Consumer	7.52Y	125.3	0.00	0.71	0.80	0	6	2	95	0.00	0.0	2.795	0.000	6	2	1	1
PL.15488	PL.12627	A	4ACSR	7.52Y	125.3	0.00	0.70	1.28	1	9	3	95	0.00	0.0	2.771	0.006	0	0	0	1
PD.3268	PL.15488	A	fuse6AMP	7.52Y	125.3	0.00	0.70	1.28	22	9	3	95	0.00	0.0	2.771	0.000	0	0	0	1
PL.20169	PD.3268	A	4ACSR	7.52Y	125.3	0.00	0.70	1.28	1	9	3	95	0.00	0.0	2.829	0.058	0	0	0	1
PL.20170	PL.20169	A	4ACSR	7.52Y	125.3	0.00	0.70	1.28	1	9	3	95	0.00	0.0	2.832	0.003	0	0	0	1
071333	PL.20170	A	Consumer	7.52Y	125.3	0.00	0.70	1.28	0	9	3	95	0.00	0.0	2.832	0.000	9	3	1	1
PL.34662	PD.2933	A	4ACSR	7.52Y	125.4	0.00	0.62	1.46	1	10	4	93	0.00	0.0	2.593	0.007	0	0	0	2
PD.4913	PL.34662	A	fuse6AMP	7.52Y	125.4	0.00	0.62	1.46	25	10	4	93	0.00	0.0	2.593	0.000	0	0	0	2
PL.34663	PD.4913	A	4ACSR	7.52Y	125.4	0.00	0.62	1.46	1	10	4	93	0.00	0.0	2.639	0.046	0	0	0	2
071327	PL.34663	A	Consumer	7.52Y	125.4	0.00	0.62	0.75	0	5	2	93	0.00	0.0	2.639	0.000	5	2	1	1
071315	PL.34663	A	Consumer	7.52Y	125.4	0.00	0.62	0.70	0	5	2	93	0.00	0.0	2.639	0.000	5	2	1	1
071312	PL.12622	A	Consumer	7.53Y	125.4	0.00	0.56	0.36	0	3	1	95	0.00	0.0	2.501	0.000	3	1	1	1
071325	PL.12622	A	Consumer	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	2.501	0.000	0	0	0	0
071313	PL.14889	A	Consumer	7.53Y	125.6	0.00	0.42	1.04	0	7	3	92	0.00	0.0	2.306	0.000	7	3	1	1
PL.38913	PL.4915	A	4ACSR	7.54Y	125.7	0.00	0.31	2.34	2	17	6	94	0.00	0.0	2.158	0.011	0	0	0	4
PD.6766	PL.38913	A	fuse6AMP	7.54Y	125.7	0.00	0.31	2.34	40	17	6	94	0.00	0.0	2.158	0.000	0	0	0	4
PL.38914	PD.6766	A	4ACSR	7.54Y	125.7	0.00	0.31	2.34	2	17	6	94	0.00	0.0	2.168	0.009	0	0	0	4
PL.7587	PL.38914	A	4ACSR	7.54Y	125.7	0.00	0.31	2.34	2	17	6	94	0.00	0.0	2.187	0.020	0	0	0	4
0714111	PL.7587	A	Consumer	7.54Y	125.7	0.00	0.31	0.53	0	4	1	97	0.00	0.0	2.187	0.000	4	1	1	1
PL.7588	PL.7587	A	4ACSR	7.54Y	125.7	0.00	0.31	1.81	2	13	4	96	0.00	0.0	2.232	0.045	0	0	0	3
PL.4899	PL.7588	A	4ACSR	7.54Y	125.7	0.00	0.32	1.81	2	13	4	96	0.00	0.0	2.273	0.041	0	0	0	3
071439	PL.4899	A	Consumer	7.54Y	125.7	0.00	0.32	0.80	0	6	2	95	0.00	0.0	2.273	0.000	6	2	1	1
071485	PL.4899	A	Consumer	7.54Y	125.7	0.00	0.32	0.46	0	3	1	95	0.00	0.0	2.273	0.000	3	1	1	1
PL.4898	PL.4899	A	4ACSR	7.54Y	125.7	0.00	0.32	0.54	0	4	1	97	0.00	0.0	2.364	0.091	0	0	0	1
071490	PL.4898	A	Consumer	7.54Y	125.7	0.00	0.32	0.54	0	4	1	97	0.00	0.0	2.364	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.31886, 071334, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.45Y	124.1	0.00	1.91	1.04	0	7	3	92	0.00	0.0	2.080	0.000	7	3	1	1
PL.38903	PL.38907	A	4ACSR	7.45Y	124.1	0.00	1.85	1.28	1	9	3	95	0.00	0.0	1.852	0.049	0	0	0	3
6282010	PL.38903	A	Consumer	7.45Y	124.1	0.00	1.85	0.23	0	2	1	89	0.00	0.0	1.852	0.000	2	1	1	1
628204	PL.38903	A	Consumer	7.45Y	124.1	0.00	1.85	0.57	0	4	1	97	0.00	0.0	1.852	0.000	4	1	1	1
628203	PL.38903	A	Consumer	7.45Y	124.1	0.00	1.85	0.49	0	3	1	95	0.00	0.0	1.852	0.000	3	1	1	1
6282011	PL.12610	A	Consumer	7.45Y	124.2	0.00	1.79	0.04	0	0	0	100	0.00	0.0	1.705	0.000	0	0	1	1
PL.38899	PL.12610	A	4ACSR	7.45Y	124.2	0.00	1.79	2.22	2	16	5	95	0.00	0.0	1.705	0.001	0	0	0	4
PD.2918	PL.38899	A	fuse6AMP	7.45Y	124.2	0.00	1.79	2.22	38	16	5	95	0.00	0.0	1.705	0.000	0	0	0	4
PL.38900	PD.2918	A	4ACSR	7.45Y	124.2	0.00	1.80	2.22	2	16	5	95	0.00	0.0	1.732	0.027	0	0	0	4
628209	PL.38900	A	Consumer	7.45Y	124.2	0.00	1.80	0.32	0	2	1	89	0.00	0.0	1.732	0.000	2	1	1	1
628207	PL.38900	A	Consumer	7.45Y	124.2	0.00	1.80	0.64	0	4	2	89	0.00	0.0	1.732	0.000	4	2	1	1
628202	PL.38900	A	Consumer	7.45Y	124.2	0.00	1.80	0.30	0	2	1	89	0.00	0.0	1.732	0.000	2	1	1	1
PL.24302	PL.38900	A	4ACSR	7.45Y	124.2	0.00	1.80	0.97	1	7	2	96	0.00	0.0	1.778	0.046	0	0	0	1
PL.24230	PL.24302	A	4ACSR	7.45Y	124.2	0.00	1.80	0.97	1	7	2	96	0.00	0.0	1.802	0.024	0	0	0	1
628302	PL.24230	A	Consumer	7.45Y	124.2	0.00	1.80	0.97	0	7	2	96	0.00	0.0	1.802	0.000	7	2	1	1
629301	PL.7451	A	Consumer	7.46Y	124.3	0.00	1.72	1.08	0	8	3	94	0.00	0.0	1.578	0.000	8	3	1	1
629305	PL.7451	A	Consumer	7.46Y	124.3	0.00	1.72	0.79	0	6	2	95	0.00	0.0	1.578	0.000	6	2	1	1
629304	PL.7451	A	Consumer	7.46Y	124.3	0.00	1.72	1.34	0	9	3	95	0.00	0.0	1.578	0.000	9	3	1	1
629406	PL.7744	B	Consumer	7.51Y	125.1	0.00	0.90	0.85	0	6	2	95	0.00	0.0	1.452	0.000	6	2	1	1
628406	PL.7744	B	Consumer	7.51Y	125.1	0.00	0.90	0.36	0	2	1	89	0.00	0.0	1.452	0.000	2	1	1	1
629403	PL.7744	B	Consumer	7.51Y	125.1	0.00	0.90	0.59	0	4	1	97	0.00	0.0	1.452	0.000	4	1	1	1
629401	PL.7744	B	Consumer	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	1.452	0.000	0	0	0	0
629402	PL.7744	B	Consumer	7.51Y	125.1	0.00	0.90	0.34	0	2	1	89	0.00	0.0	1.452	0.000	2	1	1	1
628405	PL.7744	A	Consumer	7.46Y	124.4	0.00	1.63	0.00	0	0	0	100	0.00	0.0	1.452	0.000	0	0	0	0
628403	PL.7744	B	Consumer	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	1.452	0.000	0	0	1	1
PL.45424	PL.12608	A	2ACSR	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	1.443	0.057	0	0	0	0
6274020	PL.45424	A	Consumer	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	1.443	0.000	0	0	0	0
627414	PL.12608	B	Consumer	7.51Y	125.1	0.00	0.90	1.05	0	7	3	92	0.00	0.0	1.386	0.000	7	3	1	1
628402	PL.12609	B C	Consumer	7.51Y 7.53Y	125.1 125.5	0.00	0.89 0.53	0.67 0.67	0 0	5 5	2 2	93 94	0.00 0.00	0.0 0.0	1.353	0.000	5 5	2 2	1 1	1 1
628404	PL.12609	B C	Consumer	7.51Y 7.53Y	125.1 125.5	0.00	0.89 0.53	0.31 0.31	0 0	2 2	1 1	89 94	0.00 0.00	0.0 0.0	1.353	0.000	2 2	1 1	1 1	1 1
627412	PL.12609	B C	Consumer	7.51Y 7.53Y	125.1 125.5	0.00	0.89 0.53	0.09 0.09	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	7.51Y	125.1	0.00	0.89	1.02	0	7	3	92	0.00	0.0	1.353	0.000	7	3	1	1
628401	PL.12609	B C	Consumer	7.51Y 7.53Y	125.1 125.5	0.00	0.89 0.53	0.32 0.32	0 0	2 2	1 1	89 94	0.00 0.00	0.0 0.0	1.353	0.000	2 2	1 1	1 1	1 1
627411	PL.12609	B C	Consumer	7.51Y 7.53Y	125.1 125.5	0.00	0.89 0.53	0.44 0.44	0 0	3 3	1 1	95 94	0.00 0.00	0.0 0.0	1.353	0.000	3 3	1 1	1 1	1 1
627404	PL.12609	B C	Consumer	7.51Y 7.53Y	125.1 125.5	0.00	0.89 0.53	0.40 0.39	0 0	3 3	1 1	95 94	0.00 0.00	0.0 0.0	1.353	0.000	3 3	1 1	1 1	1 1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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						
627405	PL.12609	B	Consumer	7.51Y	125.1	0.00	0.89	0.26	0	2	1	89	0.00	0.0	1.353	0.000	2	1	1	1		
		C		7.53Y	125.5	0.00	0.53	0.26	0	2	1	94	0.00	0.0	1.353	0.000	2	1	1	1		
PL.15501	PL.24226	A	6ACWC	7.47Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	1.290	0.005	0	0	0	0		
		B		7.51Y	125.1	0.00	0.89	7.38	6	51	22	92	0.00	0.0	1.290	0.005	0	0	0	11		
		C		7.53Y	125.5	-0.00	0.52	0.00	0	0	0	100	0.00	0.0	1.290	0.005	0	0	0	0		
C PD.2931	PL.15501	A	fuse8AMP	7.47Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	1.290	0.000	0	0	0	0		
		B		7.51Y	125.1	0.00	0.89	7.38	101	51	22	92	0.00	0.0	1.290	0.000	0	0	0	11		
		C		7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	1.290	0.000	0	0	0	0		
PL.15502	PD.2931	A	6ACWC	7.47Y	124.5	0.00	1.49	0.00	0	0	0	100	0.01	0.0	1.328	0.038	0	0	0	0		
		B		7.51Y	125.1	0.01	0.90	7.38	6	51	22	92	0.00	0.0	1.328	0.038	0	0	0	11		
		C		7.53Y	125.5	-0.00	0.51	0.00	0	0	0	100	0.00	0.0	1.328	0.038	0	0	0	0		
626302	PL.15502	B	Consumer	7.51Y	125.1	0.00	0.90	0.24	0	2	1	89	0.00	0.0	1.328	0.000	2	1	1	1		
627301	PL.15502	B	Consumer	7.51Y	125.1	0.00	0.90	0.65	0	5	2	93	0.00	0.0	1.328	0.000	5	2	1	1		
627413	PL.15502	B	Consumer	7.51Y	125.1	0.00	0.90	0.12	0	1	0	100	0.00	0.0	1.328	0.000	1	0	1	1		
627407	PL.15502	B	Consumer	7.51Y	125.1	0.00	0.90	0.05	0	0	0	100	0.00	0.0	1.328	0.000	0	0	1	1		
626406	PL.15502	B	Consumer	7.51Y	125.1	0.00	0.90	0.27	0	2	1	89	0.00	0.0	1.328	0.000	2	1	1	1		
PL.24329	PL.15502	A	6ACWC	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.01	0.0	1.437	0.109	0	0	0	0		
		B		7.50Y	125.1	0.03	0.93	6.06	5	42	18	92	0.00	0.0	1.437	0.109	0	0	0	6		
		C		7.53Y	125.5	-0.01	0.51	0.00	0	0	0	100	0.00	0.0	1.437	0.109	0	0	0	0		
PL.24330	PL.24329	A	6ACWC	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	1.506	0.069	0	0	0	0		
		B		7.50Y	125.1	0.00	0.94	1.25	1	9	3	94	0.00	0.0	1.506	0.069	0	0	0	1		
		C		7.53Y	125.5	-0.00	0.51	0.00	0	0	0	100	0.00	0.0	1.506	0.069	0	0	0	0		
625302	PL.24330	B	Consumer	7.50Y	125.1	0.00	0.94	1.25	0	9	3	95	0.00	0.0	1.506	0.000	9	3	1	1		
626301	PL.24329	B	Consumer	7.50Y	125.1	0.00	0.93	1.04	0	7	3	92	0.00	0.0	1.437	0.000	7	3	1	1		
PL.24331	PL.24329	A	6ACWC	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	1.502	0.065	0	0	0	0		
		B		7.50Y	125.1	0.01	0.94	3.78	3	26	12	90	0.00	0.0	1.502	0.065	0	0	0	4		
		C		7.53Y	125.5	-0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.502	0.065	0	0	0	0		
PL.24224	PL.24331	A	6ACWC	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	1.568	0.067	0	0	0	0		
		B		7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.568	0.067	0	0	0	0		
		C		7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.568	0.067	0	0	0	0		
625401	PL.24224	B	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.568	0.000	0	0	0	0		
625303	PL.24224	C	Consumer	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.568	0.000	0	0	0	0		
625301	PL.24224	B	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.568	0.000	0	0	0	0		
PL.24225	PL.24331	A	6ACWC	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	1.537	0.036	0	0	0	0		
		B		7.50Y	125.1	0.00	0.94	0.78	1	5	3	90	0.00	0.0	1.537	0.036	0	0	0	2		
		C		7.53Y	125.5	-0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.537	0.036	0	0	0	0		
626401	PL.24225	B	Consumer	7.50Y	125.1	0.00	0.94	0.62	0	4	2	89	0.00	0.0	1.537	0.000	4	2	1	1		
626409	PL.24225	B	Consumer	7.50Y	125.1	0.00	0.94	0.16	0	1	1	71	0.00	0.0	1.537	0.000	1	1	1	1		
626411	PL.24331	B	Consumer	7.50Y	125.1	0.00	0.94	1.26	0	8	4	89	0.00	0.0	1.502	0.000	8	4	1	1		
626412	PL.24331	B	Consumer	7.50Y	125.1	0.00	0.94	1.75	0	12	6	89	0.00	0.0	1.502	0.000	12	6	1	1		
626408	PL.24331	B	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.502	0.000	0	0	0	0		
627406	PL.24226	C	Consumer	7.53Y	125.5	0.00	0.52	7.33	0	50	24	90	0.00	0.0	1.284	0.000	50	24	1	1		
626407	OH36	A	Consumer	7.47Y	124.5	0.00	1.46	0.14	0	1	0	100	0.00	0.0	1.237	0.000	1	0	1	1		
626410	OH36	A	Consumer	7.47Y	124.5	0.00	1.46	1.40	0	9	5	87	0.00	0.0	1.237	0.000	9	5	1	1		
6264015	626410	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.237	0.000	0	0	0	0		
626402	OH36	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.237	0.000	0	0	0	0		

Unbalanced Voltage Drop Report
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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	% PF	kW Loss	% Loss	KW	KVAR						
OH34	PL.26224	A	4/0ACSR	7.49Y	124.8	0.01	1.24	17.96	6	133	18	99	0.08	0.0	1.006	0.049	0	0	0	6		
		B		7.51Y	125.2	0.03	0.84	47.43	17	345	88	97					0	0	0	66		
		C		7.53Y	125.6	0.00	0.44	28.55	10	210	48	97					0	0	0	18		
PL.15969	OH34	C	4ACSR	7.53Y	125.6	0.00	0.44	0.32	0	2	1	89	0.00	0.0	1.012	0.005	0	0	0	1		
PD.2915	PL.15969	C	fuse6AMP	7.53Y	125.6	0.00	0.44	0.32	5	2	1	89	0.00	0.0	1.012	0.000	0	0	0	1		
PL.15968	PD.2915	C	4ACSR	7.53Y	125.6	0.00	0.44	0.32	0	2	1	89	0.00	0.0	1.041	0.029	0	0	0	1		
624501	PL.15968	C	Consumer	7.53Y	125.6	0.00	0.44	0.32	0	2	1	89	0.00	0.0	1.041	0.000	2	1	1	1		
PL.26225	OH34	A	4/0ACSR	7.48Y	124.7	0.01	1.25	17.96	6	133	18	99	0.08	0.0	1.056	0.050	0	0	0	6		
		B		7.51Y	125.1	0.03	0.87	47.43	17	345	88	97					0	0	0	66		
		C		7.53Y	125.6	0.00	0.44	28.24	10	207	47	97					0	0	0	17		
PL.15966	PL.26225	A	4/0ACSR	7.48Y	124.7	0.01	1.26	17.96	6	133	18	99	0.12	0.0	1.133	0.077	0	0	0	6		
		B		7.50Y	125.1	0.05	0.93	47.43	17	345	88	97					0	0	0	66		
		C		7.53Y	125.6	0.01	0.45	28.24	10	207	47	98					0	0	0	17		
PL.15967	PL.15966	A	4/0ACSR	7.48Y	124.7	0.00	1.27	17.96	6	133	18	99	0.01	0.0	1.139	0.005	0	0	0	6		
		B		7.50Y	125.1	0.00	0.93	47.43	17	345	88	97					0	0	0	66		
		C		7.53Y	125.5	0.00	0.45	28.24	10	207	47	98					0	0	0	17		
PL.46590	PL.15967	A	4/0ACSR	7.48Y	124.7	0.00	1.27	7.51	3	49	27	88	0.00	0.0	1.154	0.015	0	0	0	1		
		B		7.50Y	125.1	0.00	0.93	3.96	1	25	15	86					0	0	0	1		
		C		7.53Y	125.5	0.00	0.45	13.58	5	91	46	89					0	0	0	4		
PD.2920	PL.46590	A	fuse15AMP	7.48Y	124.7	0.00	1.27	7.51	50	49	27	88	0.00	0.0	1.154	0.000	0	0	0	1		
		B		7.50Y	125.1	0.00	0.93	3.96	26	25	15	86					0	0	0	1		
		C		7.53Y	125.5	0.00	0.45	13.58	90	91	46	89					0	0	0	4 C		
PL.46591	PD.2920	A	4/0ACSR	7.48Y	124.7	0.00	1.27	7.51	3	49	27	88	0.00	0.0	1.173	0.019	0	0	0	1		
		B		7.50Y	125.1	0.00	0.93	3.96	1	25	15	86					0	0	0	1		
		C		7.53Y	125.5	0.00	0.46	13.58	5	91	46	89					0	0	0	4		
625604	PL.46591	A	Consumer	7.48Y	124.7	0.00	1.27	3.55	0	24	12	89	0.00	0.0	1.173	0.000	24	12	1	1		
		C		7.53Y	125.5	0.00	0.46	3.52	0	24	12	90					24	12	1	1		
PL.26227	PL.46591	A	4/0ACSR	7.48Y	124.7	0.00	1.27	3.97	1	25	15	86	0.00	0.0	1.196	0.023	0	0	0	1		
		B		7.50Y	125.1	0.00	0.93	3.96	1	25	15	86					0	0	0	1		
		C		7.53Y	125.5	0.00	0.46	10.06	4	68	34	89					0	0	0	4		
PL.3858	PL.26227	A	4/0ACSR	7.48Y	124.7	0.00	1.27	3.60	1	23	14	85	0.00	0.0	1.235	0.039	0	0	0	0		
		B		7.50Y	125.1	0.00	0.94	3.59	1	23	14	85					0	0	0	0		
		C		7.53Y	125.5	0.01	0.47	8.49	3	57	29	89					0	0	0	2		
626712	PL.3858	A	Consumer	7.48Y	124.7	0.00	1.27	3.60	0	23	14	85	0.00	0.0	1.235	0.000	23	14	0	0		
		B		7.50Y	125.1	0.00	0.94	3.59	0	23	14	85					23	14	0	0		
		C		7.53Y	125.5	0.00	0.47	3.58	0	23	14	85					23	14	0	0		
626621	PL.3858	A	Consumer	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	1.235	0.000	0	0	0	0		
		B		7.50Y	125.1	0.00	0.94	0.00	0	0	0	100					0	0	0	0		
		C		7.53Y	125.5	0.00	0.47	0.00	0	0	0	100					0	0	0	0		
PL.3859	PL.3858	C	4ACSR	7.53Y	125.5	0.01	0.47	4.93	4	34	15	91	0.00	0.0	1.258	0.023	0	0	0	2		
626611	PL.3859	C	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	1.258	0.000	0	0	0	0		
626603	PL.3859	C	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	1.258	0.000	0	0	0	0		
625601	PL.3859	C	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	1.258	0.000	0	0	0	0		
625607	PL.3859	C	Consumer	7.53Y	125.5	0.00	0.47	3.36	0	23	11	90	0.00	0.0	1.258	0.000	23	11	1	1		
626602	PL.3859	C	Consumer	7.53Y	125.5	0.00	0.47	1.58	0	11	4	94	0.00	0.0	1.258	0.000	11	4	1	1		
PL.26228	PL.26227	A	4/0ACSR	7.48Y	124.7	-0.00	1.27	0.00	0	0	0	100	0.00	0.0	1.206	0.010	0	0	0	0		
		B		7.50Y	125.1	0.00	0.93	0.00	0	0	0	100					0	0	0	0		
		C		7.53Y	125.5	0.00	0.46	1.20	0	8	4	90					0	0	0	1		
PL.7733	PL.26228	A	4/0ACSR	7.48Y	124.7	-0.00	1.27	0.00	0	0	0	100	0.00	0.0	1.282	0.077	0	0	0	0		
		B		7.50Y	125.1	0.00	0.93	0.00	0	0	0	100					0	0	0	0		
		C		7.53Y	125.5	0.00	0.46	1.20	0	8	4	90					0	0	0	1		
PL.7734	PL.7733	A	4ACSR	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	1.282	0.000	0	0	0	0		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 626703, 625606, PL.19038, etc.

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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.19376, PL.19377, PL.27719, PD.3576, PL.27720, 627802, 627806, PL.26231, PL.7745, PL.15962, PD.2928, PL.45737, PL.45738, 628702, 6297008, PL.15960, PD.2929, PL.15961, 629801, 629809, 629807, 629810, 629813, PL.15957, PD.2359-A, PD.2359-B, PL.15958, C PD.3574, PL.15959, PL.7746.

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Length (mi)							KW	KVAR		
PL.7450	PL.7746	B	4ACSR	7.46Y	124.4	0.03	1.64	30.21	25	213	74	94	0.04	0.0	1.828	0.019	0	0	0	47	
PL.34689	PL.7450	B	4ACSR	7.46Y	124.3	0.02	1.66	30.21	25	213	74	94	0.03	0.0	1.841	0.013	0	0	0	47	
PL.34690	PL.34689	B	4ACSR	7.46Y	124.3	0.05	1.71	30.21	25	213	74	94	0.08	0.0	1.876	0.035	0	0	0	47	
PL.44664	PL.34690	B	4ACSR	7.46Y	124.3	0.00	1.71	1.86	2	13	5	93	0.00	0.0	1.896	0.020	0	0	0	4	
071472	PL.44664	B	Consumer	7.46Y	124.3	0.00	1.71	0.80	0	6	2	95	0.00	0.0	1.896	0.000	6	2	1	1	
0714138	PL.44664	B	Consumer	7.46Y	124.3	0.00	1.71	0.54	0	4	1	97	0.00	0.0	1.896	0.000	4	1	1	1	
0714144	PL.44664	B	Consumer	7.46Y	124.3	0.00	1.71	0.52	0	4	1	97	0.00	0.0	1.896	0.000	4	1	1	1	
0714147	PL.44664	B	Consumer	7.46Y	124.3	0.00	1.71	0.00	0	0	0	100	0.00	0.0	1.896	0.000	0	0	1	1	
PL.12631	PL.34690	B	4ACSR	7.46Y	124.3	0.03	1.74	28.35	24	200	69	95	0.04	0.0	1.897	0.022	0	0	0	43	
PL.12632	PL.12631	B	4ACSR	7.45Y	124.2	0.02	1.76	25.41	21	179	62	94	0.03	0.0	1.916	0.019	0	0	0	40	
071470	PL.12632	B	Consumer	7.45Y	124.2	0.00	1.76	0.56	0	4	1	97	0.00	0.0	1.916	0.000	4	1	1	1	
0714143	PL.12632	B	Consumer	7.45Y	124.2	0.00	1.76	0.50	0	4	1	97	0.00	0.0	1.916	0.000	4	1	1	1	
071452	PL.12632	B	Consumer	7.45Y	124.2	0.00	1.76	0.58	0	4	1	97	0.00	0.0	1.916	0.000	4	1	1	1	
071471	PL.12632	B	Consumer	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	1.916	0.000	0	0	0	0	
PL.12633	PL.12632	B	4ACSR	7.45Y	124.2	0.04	1.80	23.77	20	167	58	94	0.05	0.0	1.957	0.040	0	0	0	37	
629802	PL.12633	B	Consumer	7.45Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	1.957	0.000	0	0	0	0	
PL.12635	PL.12633	B	4ACSR	7.45Y	124.2	0.02	1.82	23.77	20	167	58	94	0.02	0.0	1.973	0.016	0	0	0	37	
0714112	PL.12635	B	Consumer	7.45Y	124.2	0.00	1.82	0.88	0	6	2	95	0.00	0.0	1.973	0.000	6	2	1	1	
0714135	PL.12635	B	Consumer	7.45Y	124.2	0.00	1.82	1.18	0	8	3	94	0.00	0.0	1.973	0.000	8	3	1	1	
071479	PL.12635	B	Consumer	7.45Y	124.2	0.00	1.82	0.58	0	4	1	97	0.00	0.0	1.973	0.000	4	1	1	1	
PL.34684	PL.12635	B	4ACSR	7.45Y	124.2	0.00	1.82	0.66	1	5	2	93	0.00	0.0	1.979	0.006	0	0	0	1	
PD.4922	PL.34684	B	fuse6AMP	7.45Y	124.2	0.00	1.82	0.66	11	5	2	93	0.00	0.0	1.979	0.000	0	0	0	1	
PL.34685	PD.4922	B	4ACSR	7.45Y	124.2	0.00	1.82	0.66	1	5	2	93	0.00	0.0	2.001	0.022	0	0	0	1	
071538	PL.34685	B	Consumer	7.45Y	124.2	0.00	1.82	0.66	0	5	2	93	0.00	0.0	2.001	0.000	5	2	1	1	
PL.12634	PL.12635	B	4ACSR	7.45Y	124.2	0.03	1.84	20.48	17	144	50	94	0.03	0.0	2.001	0.028	0	0	0	33	
PL.39738	PL.12634	B	4ACSR	7.45Y	124.2	0.00	1.85	13.79	12	97	34	94	0.00	0.0	2.008	0.008	0	0	0	24	
PD.509-A	PL.39738	B	Closed	7.45Y	124.2	0.00	1.85	13.79	0	97	34	94	0.00	0.0	2.008	0.000	0	0	0	24	
PD.509-B	PD.509-A	B	Closed	7.45Y	124.2	0.00	1.85	13.79	0	97	34	94	0.00	0.0	2.008	0.000	0	0	0	24	
PL.39739	PD.509-B	B	4ACSR	7.45Y	124.1	0.04	1.89	13.79	12	97	34	94	0.03	0.0	2.075	0.066	0	0	0	24	
PL.12638	PL.39739	B	4ACSR	7.45Y	124.1	0.00	1.90	13.34	11	94	33	94	0.00	0.0	2.082	0.007	0	0	0	23	
PL.12639	PL.12638	B	4ACSR	7.45Y	124.1	0.01	1.91	4.02	3	28	10	94	0.00	0.0	2.146	0.064	0	0	0	9	
071505	PL.12639	B	Consumer	7.45Y	124.1	0.00	1.91	0.39	0	3	1	95	0.00	0.0	2.146	0.000	3	1	1	1	
071521	PL.12639	B	Consumer	7.45Y	124.1	0.00	1.91	0.04	0	0	0	100	0.00	0.0	2.146	0.000	0	0	1	1	
PL.12640	PL.12639	B	4ACSR	7.44Y	124.1	0.01	1.92	3.59	3	25	9	94	0.00	0.0	2.211	0.065	0	0	0	7	
PL.34702	PL.12640	B	4ACSR	7.44Y	124.1	0.00	1.92	1.08	1	8	3	94	0.00	0.0	2.221	0.010	0	0	0	3	
PD.4927	PL.34702	B	fuse6AMP	7.44Y	124.1	0.00	1.92	1.08	18	8	3	94	0.00	0.0	2.221	0.000	0	0	0	3	
PL.34707	PD.4927	B	4ACSR	7.44Y	124.1	0.00	1.92	1.08	1	8	3	94	0.00	0.0	2.255	0.034	0	0	0	3	
PL.34708	PL.34707	B	4ACSR	7.44Y	124.1	0.00	1.92	0.78	1	5	2	93	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\SUMMER\PROPOSED SUMMER 06-10 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
071507	PL.34708	B	Consumer	7.44Y	124.1	0.00	1.92	0.78	0	5	2	93	0.00	0.0	2.286	0.000	5	2	1	1
PL.34706	PL.34707	B	4ACSR	7.44Y	124.1	0.00	1.92	0.30	0	2	1	89	0.00	0.0	2.405	0.150	0	0	0	2
PD.2421-A	PL.34706	B	Closed	7.44Y	124.1	0.00	1.92	0.30	0	2	1	89	0.00	0.0	2.405	0.000	0	0	0	2
PD.2421-B	PD.2421-A	B	Closed	7.44Y	124.1	0.00	1.92	0.30	0	2	1	89	0.00	0.0	2.405	0.000	0	0	0	2
PL.27759	PD.2421-B	B	4ACSR	7.44Y	124.1	0.01	1.93	0.30	0	2	1	89	0.00	0.0	2.933	0.528	0	0	0	2
PL.3454	PL.27759	B	4ACSR	7.44Y	124.1	0.00	1.93	0.30	0	2	1	89	0.00	0.0	3.016	0.083	0	0	0	1
514401	PL.3454	B	Consumer	7.44Y	124.1	0.00	1.93	0.30	0	2	1	89	0.00	0.0	3.016	0.000	2	1	1	1
PL.3456	PL.3454	B	4ACSR	7.44Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	3.104	0.088	0	0	0	0
513401	PL.3456	B	Consumer	7.44Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	3.104	0.000	0	0	0	0
514302	PL.27759	B	Consumer	7.44Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	2.933	0.000	0	0	1	1
PL.34704	PL.12640	B	4ACSR	7.44Y	124.1	0.00	1.92	0.77	1	5	2	93	0.00	0.0	2.225	0.013	0	0	0	2
PD.4928	PL.34704	B	fuse6AMP	7.44Y	124.1	0.00	1.92	0.77	13	5	2	93	0.00	0.0	2.225	0.000	0	0	0	2
PL.34705	PD.4928	B	4ACSR	7.44Y	124.1	0.00	1.92	0.77	1	5	2	93	0.00	0.0	2.326	0.101	0	0	0	2
071519	PL.34705	B	Consumer	7.44Y	124.1	0.00	1.92	0.02	0	0	0	100	0.00	0.0	2.326	0.000	0	0	1	1
071522	PL.34705	B	Consumer	7.44Y	124.1	0.00	1.92	0.76	0	5	2	93	0.00	0.0	2.326	0.000	5	2	1	1
071506	PL.12640	B	Consumer	7.44Y	124.1	0.00	1.92	1.66	0	12	4	95	0.00	0.0	2.211	0.000	12	4	1	1
071510	PL.12640	B	Consumer	7.44Y	124.1	0.00	1.92	0.08	0	1	0	100	0.00	0.0	2.211	0.000	1	0	1	1
071502	PL.12638	B	Consumer	7.45Y	124.1	0.00	1.90	0.51	0	4	1	97	0.00	0.0	2.082	0.000	4	1	1	1
071511	PL.12638	B	Consumer	7.45Y	124.1	0.00	1.90	0.74	0	5	2	93	0.00	0.0	2.082	0.000	5	2	1	1
PL.34697	PL.12638	B	4ACSR	7.45Y	124.1	0.00	1.90	8.06	7	57	20	94	0.00	0.0	2.085	0.003	0	0	0	12
C PD.4926	PL.34697	B	fuse6AMP	7.45Y	124.1	0.00	1.90	8.06	138	57	20	94	0.00	0.0	2.085	0.000	0	0	0	12 C
PL.34700	PD.4926	B	4ACSR	7.45Y	124.1	0.00	1.90	8.06	7	57	20	94	0.00	0.0	2.087	0.002	0	0	0	12
PL.34701	PL.34700	B	4ACSR	7.45Y	124.1	0.00	1.90	0.36	0	3	1	95	0.00	0.0	2.194	0.107	0	0	0	2
071509	PL.34701	B	Consumer	7.45Y	124.1	0.00	1.90	0.31	0	2	1	89	0.00	0.0	2.194	0.000	2	1	1	1
071512	PL.34701	B	Consumer	7.45Y	124.1	0.00	1.90	0.05	0	0	0	100	0.00	0.0	2.194	0.000	0	0	1	1
PL.34699	PL.34700	B	4ACSR	7.45Y	124.1	0.00	1.90	7.71	6	54	19	94	0.00	0.0	2.091	0.004	0	0	0	10
PL.34696	PL.34699	B	4ACSR	7.45Y	124.1	0.01	1.91	7.71	6	54	19	94	0.01	0.0	2.129	0.038	0	0	0	10
PL.7583	PL.34696	B	4ACSR	7.44Y	124.1	0.01	1.93	6.39	5	45	16	94	0.00	0.0	2.179	0.050	0	0	0	9
PL.4782	PL.7583	B	4ACSR	7.44Y	124.1	0.01	1.94	4.04	3	28	10	94	0.00	0.0	2.241	0.062	0	0	0	5
PL.7584	PL.4782	B	4ACSR	7.44Y	124.1	0.00	1.94	4.04	3	28	10	94	0.00	0.0	2.247	0.006	0	0	0	5
PL.7585	PL.7584	B	4ACSR	7.44Y	124.1	0.00	1.94	3.08	3	22	8	94	0.00	0.0	2.258	0.011	0	0	0	4
PL.3449	PL.7585	B	4ACSR	7.44Y	124.1	0.00	1.95	3.08	3	22	8	94	0.00	0.0	2.293	0.035	0	0	0	4
512101	PL.3449	B	Consumer	7.44Y	124.1	0.00	1.95	0.78	0	5	2	93	0.00	0.0	2.293	0.000	5	2	1	1
511102	PL.3449	B	Consumer	7.44Y	124.1	0.00	1.95	1.25	0	9	3	95	0.00	0.0	2.293	0.000	9	3	1	1
PL.3452	PL.3449	B	4ACSR	7.44Y	124.1	0.00	1.95	1.05	1	7	3	92	0.00	0.0	2.332	0.039	0	0	0	2
PL.3453	PL.3452	B	4ACSR	7.44Y	124.1	0.00	1.95	1.05	1	7	3	92	0.00	0.0	2.373	0.041	0	0	0	2
5121003	PL.3453	B	Consumer	7.44Y	124.1	0.00	1.95	0.01	0	0	0	100	0.00	0.0	2.373	0.000	0	0	1	1
512102	PL.3453	B	Consumer	7.44Y	124.1	0.00	1.95	1.04	0	7	3	92	0.00	0.0	2.373	0.000	7	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					Thru KW	% PF	kW Loss	% Loss	mi From Src	-----Element-----			
							Accum Drop	Thru Amps	% Cap	mi Length (mi)	KW						KVAR	Cons On	Cons Thru	
071508	PL.7584	B	Consumer	7.44Y	124.1	0.00	1.94	0.96	0	7	2	96	0.00	0.0	2.247	0.000	7	2	1	1
071524	PL.7583	B	Consumer	7.44Y	124.1	0.00	1.93	0.72	0	5	2	93	0.00	0.0	2.179	0.000	5	2	1	1
071503	PL.7583	B	Consumer	7.44Y	124.1	0.00	1.93	0.41	0	3	1	95	0.00	0.0	2.179	0.000	3	1	1	1
PL.4783	PL.7583	B	4ACSR	7.44Y	124.1	0.00	1.93	1.22	1	9	3	95	0.00	0.0	2.216	0.037	0	0	0	2
071513	PL.4783	B	Consumer	7.44Y	124.1	0.00	1.93	0.73	0	5	2	93	0.00	0.0	2.216	0.000	5	2	1	1
071515	PL.4783	B	Consumer	7.44Y	124.1	0.00	1.93	0.50	0	4	1	97	0.00	0.0	2.216	0.000	4	1	1	1
071520	PL.34696	B	Consumer	7.45Y	124.1	0.00	1.91	1.31	0	9	3	95	0.00	0.0	2.129	0.000	9	3	1	1
PL.34693	PL.39739	B	4ACSR	7.45Y	124.1	0.00	1.89	0.45	0	3	1	95	0.00	0.0	2.077	0.002	0	0	0	1
PD.4925	PL.34693	B	fuse6AMP	7.45Y	124.1	0.00	1.89	0.45	8	3	1	95	0.00	0.0	2.077	0.000	0	0	0	1
PL.34694	PD.4925	B	4ACSR	7.45Y	124.1	0.00	1.89	0.45	0	3	1	95	0.00	0.0	2.092	0.015	0	0	0	1
071516	PL.34694	B	Consumer	7.45Y	124.1	0.00	1.89	0.45	0	3	1	95	0.00	0.0	2.092	0.000	3	1	1	1
071523	PL.34694	B	Consumer	7.45Y	124.1	0.00	1.89	0.00	0	0	0	100	0.00	0.0	2.092	0.000	0	0	0	0
0714142	PL.12634	B	Consumer	7.45Y	124.2	0.00	1.84	0.54	0	4	1	97	0.00	0.0	2.001	0.000	4	1	1	1
071462	PL.12634	B	Consumer	7.45Y	124.2	0.00	1.84	0.51	0	4	1	97	0.00	0.0	2.001	0.000	4	1	1	1
071480	PL.12634	B	Consumer	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	2.001	0.000	0	0	1	1
PL.27760	PL.12634	B	4ACSR	7.45Y	124.2	0.00	1.85	5.64	5	40	14	94	0.00	0.0	2.012	0.012	0	0	0	6
PL.34686	PL.27760	B	4ACSR	7.45Y	124.2	0.00	1.85	5.64	5	40	14	94	0.00	0.0	2.019	0.007	0	0	0	6
C PD.4923	PL.34686	B	fuse6AMP	7.45Y	124.2	0.00	1.85	5.64	96	40	14	94	0.00	0.0	2.019	0.000	0	0	0	6 C
PL.34687	PD.4923	B	4ACSR	7.45Y	124.1	0.01	1.86	5.64	5	40	14	94	0.00	0.0	2.041	0.021	0	0	0	6
071491	PL.34687	B	Consumer	7.45Y	124.1	0.00	1.86	1.01	0	7	2	96	0.00	0.0	2.041	0.000	7	2	1	1
0714104	PL.34687	B	Consumer	7.45Y	124.1	0.00	1.86	1.82	0	13	4	96	0.00	0.0	2.041	0.000	13	4	1	1
PL.25177	PL.34687	B	4ACSR	7.45Y	124.1	0.01	1.86	2.81	2	20	7	94	0.00	0.0	2.090	0.049	0	0	0	4
PL.7594	PL.25177	B	4ACSR	7.45Y	124.1	0.00	1.86	2.00	2	14	5	94	0.00	0.0	2.107	0.018	0	0	0	3
0714126	PL.7594	B	Consumer	7.45Y	124.1	0.00	1.86	0.71	0	5	2	93	0.00	0.0	2.107	0.000	5	2	1	1
PL.7595	PL.7594	B	4ACSR	7.45Y	124.1	0.00	1.87	1.29	1	9	3	95	0.00	0.0	2.191	0.083	0	0	0	2
0714105	PL.7595	B	Consumer	7.45Y	124.1	0.00	1.87	1.29	0	9	3	95	0.00	0.0	2.191	0.000	7	2	1	2
071477	0714105	B	Consumer	7.45Y	124.1	0.00	1.87	0.30	0	2	1	89	0.00	0.0	2.191	0.000	2	1	1	1
0714115	PL.25177	B	Consumer	7.45Y	124.1	0.00	1.86	0.81	0	6	2	95	0.00	0.0	2.090	0.000	6	2	1	1
071455	PL.12631	B	Consumer	7.46Y	124.3	0.00	1.74	1.34	0	9	3	95	0.00	0.0	1.897	0.000	9	3	1	1
0714119	PL.12631	B	Consumer	7.46Y	124.3	0.00	1.74	1.31	0	9	3	95	0.00	0.0	1.897	0.000	9	3	1	1
0714145	PL.12631	B	Consumer	7.46Y	124.3	0.00	1.74	0.30	0	2	1	89	0.00	0.0	1.897	0.000	2	1	1	1
PL.34691	PL.34689	B	4ACSR	7.46Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	1.844	0.003	0	0	0	0
PD.4924	PL.34691	B	fuse6AMP	7.46Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	1.844	0.000	0	0	0	0
PL.34692	PD.4924	B	4ACSR	7.46Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	1.913	0.069	0	0	0	0
629811	PL.7746	B	Consumer	7.46Y	124.4	0.00	1.62	0.56	0	4	1	97	0.00	0.0	1.809	0.000	4	1	1	1
629806	PL.15959	B	Consumer	7.46Y	124.4	0.00	1.59	0.37	0	3	1	95	0.00	0.0	1.793	0.000	3	1	1	1
629812	PL.15959	B	Consumer	7.46Y	124.4	0.00	1.59	0.44	0	3	1	95	0.00	0.0	1.793	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.12606, 629701, 629704, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	% PF	kW Loss	% Loss			KW	KVAR			
620401	PL.16205	A C	Consumer	7.51Y 7.54Y	125.2 125.7	0.00 0.00	0.81 0.28	0.01 0.01	0 0	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	7.52Y	125.4	0.17	0.65	42.11	35	299	105	94	0.38	0.1	0.424	0.090	0	0	0	66
PL.1647	PL.1646	A	4ACSR	7.52Y	125.3	0.00	0.65	1.59	1	11	4	94	0.00	0.0	0.488	0.064	0	0	0	2
0194103	PL.1647	A	Consumer	7.52Y	125.3	0.00	0.65	0.00	0	0	0	100	0.00	0.0	0.488	0.000	0	0	0	0
019493	PL.1647	A	Consumer	7.52Y	125.3	0.00	0.65	0.00	0	0	0	100	0.00	0.0	0.488	0.000	0	0	0	0
019412	PL.1647	A	Consumer	7.52Y	125.3	0.00	0.65	0.92	0	7	2	96	0.00	0.0	0.488	0.000	7	2	1	1
019485	PL.1647	A	Consumer	7.52Y	125.3	0.00	0.65	0.66	0	5	2	93	0.00	0.0	0.488	0.000	5	2	1	1
PL.22108	PL.1646	A	4ACSR	7.52Y	125.3	0.01	0.66	39.89	34	283	99	94	0.03	0.0	0.431	0.007	0	0	0	63
PD.2732-A	PL.22108	A	Closed	7.52Y	125.3	0.00	0.66	39.89	0	283	99	94	0.00	0.0	0.431	0.000	0	0	0	63
PD.2732-B	PD.2732-A	A	Closed	7.52Y	125.3	0.00	0.66	39.89	0	283	99	94	0.00	0.0	0.431	0.000	0	0	0	63
PL.22109	PD.2732-B	A	4ACSR	7.51Y	125.2	0.13	0.79	39.89	34	283	99	94	0.28	0.1	0.504	0.073	0	0	0	63
PL.1643	PL.22109	A	4ACSR	7.51Y	125.2	0.00	0.80	1.47	1	10	4	93	0.00	0.0	0.562	0.058	0	0	0	4
PL.24323	PL.1643	A	4ACSR	7.51Y	125.2	0.00	0.80	1.38	1	10	3	96	0.00	0.0	0.625	0.063	0	0	0	2
620102	PL.24323	A	Consumer	7.51Y	125.2	0.00	0.80	0.83	0	6	2	95	0.00	0.0	0.625	0.000	6	2	1	1
620201	PL.24323	A	Consumer	7.51Y	125.2	0.00	0.80	0.55	0	4	1	97	0.00	0.0	0.625	0.000	4	1	1	1
0194102	PL.1643	A	Consumer	7.51Y	125.2	0.00	0.80	0.04	0	0	0	100	0.00	0.0	0.562	0.000	0	0	1	1
019453	PL.1643	A	Consumer	7.51Y	125.2	0.00	0.80	0.05	0	0	0	100	0.00	0.0	0.562	0.000	0	0	1	1
PL.1681	PL.22109	A	4ACSR	7.51Y	125.2	0.00	0.80	1.64	1	12	4	95	0.00	0.0	0.542	0.038	0	0	0	2
0194108	PL.1681	A	Consumer	7.51Y	125.2	0.00	0.80	0.68	0	5	2	93	0.00	0.0	0.542	0.000	5	2	1	1
PL.1684	PL.1681	A	4ACSR	7.51Y	125.2	0.00	0.80	0.97	1	7	2	96	0.00	0.0	0.600	0.058	0	0	0	1
0194111	PL.1684	A	Consumer	7.51Y	125.2	0.00	0.80	0.97	0	7	2	96	0.00	0.0	0.600	0.000	7	2	1	1
019405	PL.22109	A	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.504	0.000	0	0	1	1
PL.1644	PL.22109	A	4ACSR	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.616	0.111	0	0	0	0
PL.6098	PL.22109	A	4ACSR	7.51Y	125.2	0.05	0.85	18.71	16	133	46	95	0.05	0.0	0.567	0.063	0	0	0	30
PL.10960	PL.6098	A	4ACSR	7.51Y	125.1	0.02	0.87	17.95	15	127	44	94	0.02	0.0	0.591	0.024	0	0	0	27
PL.10959	PL.10960	A	4ACSR	7.51Y	125.1	0.02	0.88	16.91	14	120	42	94	0.01	0.0	0.610	0.020	0	0	0	26
PL.10958	PL.10959	A	4ACSR	7.50Y	125.1	0.04	0.92	16.91	14	120	42	94	0.03	0.0	0.660	0.049	0	0	0	26
PL.10957	PL.10958	A	4ACSR	7.50Y	125.0	0.04	0.96	14.84	12	105	37	94	0.03	0.0	0.724	0.065	0	0	0	24
PL.11548	PL.10957	A	4ACSR	7.50Y	125.0	0.02	0.98	13.94	12	99	34	95	0.01	0.0	0.751	0.026	0	0	0	22
0194107	PL.11548	A	Consumer	7.50Y	125.0	0.00	0.98	0.74	0	5	2	93	0.00	0.0	0.751	0.000	5	2	1	1
PL.11550	PL.11548	A	4ACSR	7.50Y	125.0	0.05	1.03	13.20	11	94	33	94	0.04	0.0	0.839	0.088	0	0	0	21
PL.38702	PL.11550	A	4ACSR	7.50Y	125.0	0.00	1.03	0.82	1	6	2	95	0.00	0.0	0.846	0.008	0	0	0	2
PL.38703	PL.38702	A	4ACSR	7.50Y	125.0	0.00	1.03	0.82	1	6	2	95	0.00	0.0	0.891	0.045	0	0	0	2
0194114	PL.38703	A	Consumer	7.50Y	125.0	0.00	1.03	0.24	0	2	1	89	0.00	0.0	0.891	0.000	2	1	1	1
019445	PL.38703	A	Consumer	7.50Y	125.0	0.00	1.03	0.58	0	4	1	97	0.00	0.0	0.891	0.000	4	1	1	1
019484	PL.38703	A	Consumer	7.50Y	125.0	0.00	1.03	0.00	0	0	0	100	0.00	0.0	0.891	0.000	0	0	0	0
019488	PL.38703	A	Consumer	7.50Y	125.0	0.00	1.03	0.00	0	0	0	100	0.00	0.0	0.891	0.000	0	0	0	0
PL.11549	PL.11550	A	4ACSR	7.50Y	125.0	0.00	1.04	1.42	1	10	4	93	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\SUMMER\PROPOSED SUMMER 06-10 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
019486	PL.11549	A	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	0.898	0.000	0	0	0	0
019440	PL.11549	A	Consumer	7.50Y	125.0	0.00	1.04	0.53	0	4	1	97	0.00	0.0	0.898	0.000	4	1	1	1
019409	PL.11549	A	Consumer	7.50Y	125.0	0.00	1.04	0.73	0	5	2	93	0.00	0.0	0.898	0.000	5	2	1	1
019489	PL.11549	A	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	0.898	0.000	0	0	0	0
019408	PL.11549	A	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	0.898	0.000	0	0	0	0
019424	PL.11549	A	Consumer	7.50Y	125.0	0.00	1.04	0.16	0	1	1	71	0.00	0.0	0.898	0.000	1	1	1	1
019403	PL.11549	A	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	0.898	0.000	0	0	0	0
PL.18366	PL.11549	A	4ACSR	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	0.943	0.045	0	0	0	0
019459	PL.11550	A	Consumer	7.50Y	125.0	0.00	1.03	0.00	0	0	0	100	0.00	0.0	0.839	0.000	0	0	0	0
019441	PL.11550	A	Consumer	7.50Y	125.0	0.00	1.03	1.07	0	8	3	94	0.00	0.0	0.839	0.000	8	3	1	1
PL.38704	PL.11550	A	4ACSR	7.50Y	125.0	0.01	1.04	9.89	8	70	24	95	0.00	0.0	0.852	0.014	0	0	0	15
PL.38705	PL.38704	A	4ACSR	7.50Y	125.0	0.01	1.05	9.89	8	70	24	95	0.01	0.0	0.878	0.026	0	0	0	15
0194116	PL.38705	A	Consumer	7.50Y	125.0	0.00	1.05	0.00	0	0	0	100	0.00	0.0	0.878	0.000	0	0	0	0
019435	PL.38705	A	Consumer	7.50Y	125.0	0.00	1.05	0.14	0	1	0	100	0.00	0.0	0.878	0.000	1	0	1	1
PL.6118	PL.38705	A	4ACSR	7.50Y	124.9	0.02	1.07	9.76	8	69	24	94	0.01	0.0	0.929	0.051	0	0	0	14
019464	PL.6118	A	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	0.929	0.000	0	0	0	0
019443	PL.6118	A	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	0.929	0.000	0	0	0	0
019494	PL.6118	A	Consumer	7.50Y	124.9	0.00	1.07	1.28	0	9	3	95	0.00	0.0	0.929	0.000	9	3	1	1
PL.1648	PL.6118	A	4ACSR	7.50Y	124.9	0.00	1.08	2.12	2	15	5	95	0.00	0.0	0.967	0.038	0	0	0	3
PL.23759	PL.1648	A	4ACSR	7.49Y	124.9	0.01	1.08	2.12	2	15	5	95	0.00	0.0	1.050	0.083	0	0	0	3
019427	PL.23759	A	Consumer	7.49Y	124.9	0.00	1.08	0.55	0	4	1	97	0.00	0.0	1.050	0.000	4	1	1	1
019428	PL.23759	A	Consumer	7.49Y	124.9	0.00	1.08	1.14	0	8	3	94	0.00	0.0	1.050	0.000	8	3	1	1
019401	PL.23759	A	Consumer	7.49Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.050	0.000	0	0	0	0
019451	PL.23759	A	Consumer	7.49Y	124.9	0.00	1.08	0.43	0	3	1	95	0.00	0.0	1.050	0.000	3	1	1	1
PL.23758	PL.6118	A	4ACSR	7.50Y	124.9	0.01	1.08	6.36	5	45	16	94	0.00	0.0	0.957	0.028	0	0	0	10
PL.11551	PL.23758	A	4ACSR	7.49Y	124.9	0.00	1.08	6.36	5	45	16	94	0.00	0.0	0.970	0.012	0	0	0	10
019474	PL.11551	A	Consumer	7.49Y	124.9	0.00	1.08	1.31	0	9	3	95	0.00	0.0	0.970	0.000	9	3	1	1
019446	PL.11551	A	Consumer	7.49Y	124.9	0.00	1.08	0.77	0	5	2	93	0.00	0.0	0.970	0.000	5	2	1	1
019495	PL.11551	A	Consumer	7.49Y	124.9	0.00	1.08	0.76	0	5	2	93	0.00	0.0	0.970	0.000	5	2	1	1
PL.11552	PL.11551	A	4ACSR	7.49Y	124.9	0.01	1.09	3.52	3	25	9	94	0.00	0.0	1.019	0.049	0	0	0	7
PL.6116	PL.11552	A	4ACSR	7.49Y	124.9	0.00	1.09	2.73	2	19	7	94	0.00	0.0	1.041	0.023	0	0	0	4
019460	PL.6116	A	Consumer	7.49Y	124.9	0.00	1.09	1.69	0	12	4	95	0.00	0.0	1.041	0.000	12	4	1	1
019449	PL.6116	A	Consumer	7.49Y	124.9	0.00	1.09	0.42	0	3	1	95	0.00	0.0	1.041	0.000	3	1	1	1
019471	PL.6116	A	Consumer	7.49Y	124.9	0.00	1.09	0.34	0	2	1	89	0.00	0.0	1.041	0.000	2	1	1	1
019431	PL.6116	A	Consumer	7.49Y	124.9	0.00	1.09	0.29	0	2	1	89	0.00	0.0	1.041	0.000	2	1	1	1
019448	PL.11552	A	Consumer	7.49Y	124.9	0.00	1.09	0.06	0	0	0	100	0.00	0.0	1.019	0.000	0	0	1	1
019433	PL.11552	A	Consumer	7.49Y	124.9	0.00	1.09	0.63	0	4	2	89	0.00	0.0	1.019	0.000	4	2	1	1
019430	PL.11552	A	Consumer	7.49Y	124.9	0.00	1.09	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\SUMMER\PROPOSED SUMMER 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		
019499	PL.10957	A	Consumer	7.50Y	125.0	0.00	0.96	0.60	0	4	1	97	0.00	0.0	0.724	0.000	4	1	1	1	
019410	PL.10957	A	Consumer	7.50Y	125.0	0.00	0.96	0.30	0	2	1	89	0.00	0.0	0.724	0.000	2	1	1	1	
019442	PL.10958	A	Consumer	7.50Y	125.1	0.00	0.92	1.16	0	8	3	94	0.00	0.0	0.660	0.000	8	3	1	1	
019406	PL.10958	A	Consumer	7.50Y	125.1	0.00	0.92	0.91	0	6	2	95	0.00	0.0	0.660	0.000	6	2	1	1	
0194120	PL.10960	A	Consumer	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	0.591	0.000	0	0	0	0	
019463	PL.10960	A	Consumer	7.51Y	125.1	0.00	0.87	1.04	0	7	3	92	0.00	0.0	0.591	0.000	7	3	1	1	
0194119	PL.6098	A	Consumer	7.51Y	125.2	0.00	0.85	0.29	0	2	1	89	0.00	0.0	0.567	0.000	2	1	1	1	
019465	PL.6098	A	Consumer	7.51Y	125.2	0.00	0.85	0.37	0	3	1	95	0.00	0.0	0.567	0.000	3	1	1	1	
019491	PL.6098	A	Consumer	7.51Y	125.2	0.00	0.85	0.00	0	0	0	100	0.00	0.0	0.567	0.000	0	0	0	0	
0194106	PL.6098	A	Consumer	7.51Y	125.2	0.00	0.85	0.10	0	1	0	100	0.00	0.0	0.567	0.000	1	0	1	1	
PL.76	PL.22109	A	4ACSR	7.51Y	125.1	0.09	0.88	17.76	15	126	44	94	0.09	0.1	0.618	0.114	0	0	0	25	
PD.2361-A	PL.76	A	Closed	7.51Y	125.1	0.00	0.88	17.76	0	126	44	94	0.00	0.0	0.618	0.000	0	0	0	25	
PD.2361-B	PD.2361-A	A	Closed	7.51Y	125.1	0.00	0.88	17.76	0	126	44	94	0.00	0.0	0.618	0.000	0	0	0	25	
PL.27338	PD.2361-B	A	4ACSR	7.51Y	125.1	0.03	0.91	17.76	15	126	44	94	0.02	0.0	0.651	0.033	0	0	0	25	
PL.7739	PL.27338	A	4ACSR	7.50Y	125.1	0.02	0.93	16.88	14	120	42	94	0.02	0.0	0.676	0.025	0	0	0	24	
620208	PL.7739	A	Consumer	7.50Y	125.1	0.00	0.93	0.68	0	5	2	93	0.00	0.0	0.676	0.000	5	2	1	1	
620204	PL.7739	A	Consumer	7.50Y	125.1	0.00	0.93	0.72	0	5	2	93	0.00	0.0	0.676	0.000	5	2	1	1	
620212	PL.7739	A	Consumer	7.50Y	125.1	0.00	0.93	1.24	0	9	3	95	0.00	0.0	0.676	0.000	9	3	1	1	
620211	PL.7739	A	Consumer	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	0.676	0.000	0	0	0	0	
PL.27539	PL.7739	A	4ACSR	7.50Y	125.1	0.00	0.93	3.87	3	27	10	94	0.00	0.0	0.683	0.007	0	0	0	4	
PD.2932	PL.27539	A	fuse6AMP	7.50Y	125.1	0.00	0.93	3.87	66	27	10	94	0.00	0.0	0.683	0.000	0	0	0	4	
PL.27540	PD.2932	A	4ACSR	7.50Y	125.1	0.01	0.94	3.87	3	27	10	94	0.00	0.0	0.744	0.061	0	0	0	4	
PL.24324	PL.27540	A	4ACSR	7.50Y	125.1	0.00	0.94	1.47	1	10	4	93	0.00	0.0	0.774	0.030	0	0	0	2	
620209	PL.24324	A	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	0.774	0.000	0	0	0	0	
620210	PL.24324	A	Consumer	7.50Y	125.1	0.00	0.94	1.20	0	8	3	94	0.00	0.0	0.774	0.000	8	3	1	1	
6202013	PL.24324	A	Consumer	7.50Y	125.1	0.00	0.94	0.28	0	2	1	89	0.00	0.0	0.774	0.000	2	1	1	1	
PL.3790	PL.27540	A	4ACSR	7.50Y	125.1	0.01	0.95	2.39	2	17	6	94	0.00	0.0	0.809	0.065	0	0	0	2	
621201	PL.3790	A	Consumer	7.50Y	125.1	0.00	0.95	0.92	0	7	2	96	0.00	0.0	0.809	0.000	7	2	1	1	
PL.3791	PL.3790	A	4ACSR	7.50Y	125.0	0.00	0.95	1.47	1	10	4	93	0.00	0.0	0.862	0.053	0	0	0	1	
622202	PL.3791	A	Consumer	7.50Y	125.0	0.00	0.95	1.47	0	10	4	93	0.00	0.0	0.862	0.000	10	4	1	1	
PL.19211	PL.7739	A	4ACSR	7.50Y	125.1	0.02	0.95	10.38	9	74	26	94	0.01	0.0	0.714	0.038	0	0	0	17	
620207	PL.19211	A	Consumer	7.50Y	125.1	0.00	0.95	0.53	0	4	1	97	0.00	0.0	0.714	0.000	4	1	1	1	
620206	PL.19211	A	Consumer	7.50Y	125.1	0.00	0.95	0.56	0	4	1	97	0.00	0.0	0.714	0.000	4	1	1	1	
PL.19210	PL.19211	A	4ACSR	7.50Y	125.0	0.02	0.97	9.29	8	66	23	94	0.01	0.0	0.759	0.045	0	0	0	15	
621306	PL.19210	A	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	0.759	0.000	0	0	0	0	
621308	PL.19210	A	Consumer	7.50Y	125.0	0.00	0.97	0.66	0	5	2	93	0.00	0.0	0.759	0.000	5	2	1	1	
621304	PL.19210	A	Consumer	7.50Y	125.0	0.00	0.97	0.02	0	0	0	100	0.00	0.0	0.759	0.000	0	0	1	1	
PL.10956	PL.19210	A	4ACSR	7.50Y	125.0	0.04	1.00	8.61	7	61	21	95	0.02	0.0	0.851	0.092	0	0	0	13	

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 a section for Feeder No. 1 (CLAYCTY1) beginning with Device PD.3881.

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.12376, PD.160-A, PD.160-B, PL.12377, 019467, PL.11554, PL.11555, PL.18594, PD.3373, PL.20781, PL.20782, PL.11557, PL.6137, PL.20754, 018487, PL.8341, PL.17140, PD.1948, PL.17141, PL.1690, 018495, PL.23763, PL.23757.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	Length (mi)	KW		KVAR			
018494	PL.23757	A	Consumer	7.49Y	124.9	0.00	1.10	2.33	0	16	6	94	0.00	0.0	1.528	0.000	16	6	1	1	
0184114	PL.8341	A	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	1.242	0.000	0	0	0	0	
		B		7.49Y	124.8	0.00	1.21	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	
0184123	PL.11557	C	Consumer	7.50Y	125.0	0.00	1.04	0.02	0	0	0	100	0.00	0.0	1.078	0.000	0	0	1	1	
PL.23756	PL.20782	C	4ACSR	7.50Y	125.0	0.00	1.02	0.42	0	3	1	95	0.00	0.0	1.109	0.073	0	0	0	1	
0184101	PL.23756	C	Consumer	7.50Y	125.0	0.00	1.02	0.42	0	3	1	95	0.00	0.0	1.109	0.000	3	1	1	1	
0184111	PL.20781	A	Consumer	7.50Y	125.0	0.00	0.97	0.08	0	1	0	100	0.00	0.0	0.956	0.000	1	0	0	0	
		B		7.49Y	124.9	0.00	1.14	0.08	0	1	0	85					1	0	0	0	
		C		7.50Y	125.0	0.00	1.00	0.08	0	1	0	85					1	0	0	0	
PL.6123	PL.11555	A	336ACSR	7.50Y	125.0	0.07	1.00	134.22	30	962	299	95	1.15	0.0	0.918	0.071	0	0	0	178	
		B		7.49Y	124.8	0.09	1.19	150.53	34	1073	347	95					0	0	0	207	
		C		7.50Y	125.0	0.07	1.02	135.94	31	971	312	95					0	0	0	200	
018481	PL.6123	B	Consumer	7.49Y	124.8	0.00	1.19	0.54	0	4	2	89	0.00	0.0	0.918	0.000	4	2	1	1	
PL.30854	PL.6123	A	336ACSR	7.50Y	125.0	0.04	1.04	134.22	30	962	298	96	0.67	0.0	0.960	0.041	0	0	0	178	
		B		7.49Y	124.8	0.05	1.24	150.00	34	1069	344	95					0	0	0	206	
		C		7.50Y	124.9	0.04	1.06	135.94	31	971	311	95					0	0	0	200	
PL.11553	PL.30854	A	4ACSR	7.50Y	125.0	0.00	1.04	0.32	0	2	1	89	0.00	0.0	1.013	0.053	0	0	0	2	
		B		7.49Y	124.8	-0.00	1.24	0.00	0	0	0	100					0	0	0	0	
		C		7.50Y	124.9	0.00	1.06	0.00	0	0	0	100					0	0	0	0	
PL.18365	PL.11553	A	4ACSR	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	1.019	0.006	0	0	0	0	
PL.38700	PL.11553	A	4ACSR	7.50Y	125.0	0.00	1.04	0.32	0	2	1	89	0.00	0.0	1.016	0.003	0	0	0	2	
PL.38701	PL.38700	A	4ACSR	7.50Y	125.0	0.00	1.04	0.32	0	2	1	89	0.00	0.0	1.058	0.043	0	0	0	2	
019498	PL.38701	A	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	1.058	0.000	0	0	0	0	
019496	PL.38701	A	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	1.058	0.000	0	0	0	0	
019407	PL.38701	A	Consumer	7.50Y	125.0	0.00	1.04	0.23	0	2	1	89	0.00	0.0	1.058	0.000	2	1	1	1	
019473	PL.38701	A	Consumer	7.50Y	125.0	0.00	1.04	0.09	0	1	0	100	0.00	0.0	1.058	0.000	1	0	1	1	
PL.45754	PL.30854	A	336ACSR	7.50Y	124.9	0.03	1.07	45.46	10	321	114	94	0.17	0.0	1.025	0.066	0	0	0	75	
		B		7.48Y	124.7	0.04	1.29	69.42	16	489	177	94					0	0	0	109	
		C		7.50Y	124.9	0.02	1.08	50.06	11	354	126	94					0	0	0	89	
PL.45759	PL.45754	A	336ACSR	7.50Y	124.9	0.01	1.08	45.46	10	321	114	94	0.07	0.0	1.051	0.026	0	0	0	75	
		B		7.48Y	124.7	0.02	1.31	69.42	16	489	177	94					0	0	0	109	
		C		7.49Y	124.9	0.01	1.08	50.06	11	354	125	94					0	0	0	89	
PL.45760	PL.45759	A	336ACSR	7.49Y	124.9	0.02	1.10	45.46	10	321	114	94	0.15	0.0	1.108	0.057	0	0	0	75	
		B		7.48Y	124.7	0.04	1.34	69.42	16	488	177	94					0	0	0	109	
		C		7.49Y	124.9	0.01	1.10	50.06	11	354	125	94					0	0	0	89	
PL.70	PL.45760	A	336ACSR	7.49Y	124.9	0.00	1.10	45.46	10	321	114	94	0.03	0.0	1.120	0.012	0	0	0	75	
		B		7.48Y	124.6	0.01	1.35	69.42	16	488	176	94					0	0	0	109	
		C		7.49Y	124.9	0.00	1.10	50.06	11	354	125	94					0	0	0	89	
PL.17844	PL.70	A	336ACSR	7.49Y	124.9	0.00	1.11	45.46	10	321	114	94	0.01	0.0	1.125	0.005	0	0	0	75	
		B		7.48Y	124.6	0.00	1.35	69.42	16	488	176	94					0	0	0	109	
		C		7.49Y	124.9	0.00	1.10	50.06	11	354	125	94					0	0	0	89	
PD.3364	PL.17844	A	VWVE	7.49Y	124.9	0.00	1.11	45.46	0	321	114	94	0.00	0.0	1.125	0.000	0	0	0	75	
		B		7.48Y	124.6	0.00	1.35	69.42	0	488	176	94					0	0	0	109	
		C		7.49Y	124.9	0.00	1.10	50.06	0	354	125	94					0	0	0	89	
PL.17845	PD.3364	A	336ACSR	7.49Y	124.9	0.02	1.12	45.46	10	321	114	94	0.12	0.0	1.172	0.047	0	0	0	75	
		B		7.48Y	124.6	0.03	1.39	69.42	16	488	176	94					0	0	0	109	
		C		7.49Y	124.9	0.01	1.11	50.06	11	354	125	94					0	0	0	89	
PL.11715	PL.17845	A	336ACSR	7.49Y	124.9	0.01	1.14	42.41	10	299	107	94	0.09	0.0	1.208	0.036	0	0	0	69	
		B		7.48Y	124.6	0.02	1.41	69.42	16	488	176	94					0	0	0	109	
		C		7.49Y	124.9	0.01	1.12	49.79	11	352	124	94					0	0	0	89	

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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 elements PL.6094, 018396, PL.24538, PL.24539, PL.11716, PL.11717, PL.16904, PD.1802, PL.16905, 018370, 018373, 018369, 018375, PL.11718, 018301, 018392, 018340, PL.4865, PL.5830, PL.5831, PL.11719, PL.11720, 018355, PL.11721, 018354, 018353.

Unbalanced Voltage Drop Report
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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	% PF	kW Loss			% Loss	KW			KVAR
018358	PL.11721	C	Consumer	7.48Y	124.7	0.00	1.32	1.17	0	8	3	94	0.00	0.0	1.981	0.000	8	3	1	1
018352	PL.11721	B	Consumer	7.45Y	124.1	0.00	1.87	0.75	0	5	2	93	0.00	0.0	1.981	0.000	5	2	1	1
PL.11722	PL.11721	A	336ACSR	7.47Y	124.6	0.04	1.43	40.64	9	286	101	94	0.15	0.0	2.071	0.090	0	0	0	67
		B		7.45Y	124.1	0.04	1.91	49.34	11	346	123	94					0	0	0	76
		C		7.48Y	124.6	0.03	1.35	44.65	10	315	110	94					0	0	0	82
PL.18746	PL.11722	A	336ACSR	7.47Y	124.6	0.00	1.44	25.34	6	178	64	94	0.01	0.0	2.078	0.006	0	0	0	43
		B		7.45Y	124.1	0.00	1.91	49.34	11	346	123	94					0	0	0	76
		C		7.48Y	124.6	-0.00	1.35	4.94	1	35	12	94					0	0	0	14
PD.149-A	PL.18746	A	Closed	7.47Y	124.6	0.00	1.44	25.34	0	178	64	94	0.00	0.0	2.078	0.000	0	0	0	43
		B		7.45Y	124.1	0.00	1.91	49.34	0	346	123	94					0	0	0	76
		C		7.48Y	124.6	0.00	1.35	4.94	0	35	12	94					0	0	0	14
PD.149-B	PD.149-A	A	Closed	7.47Y	124.6	0.00	1.44	25.34	0	178	64	94	0.00	0.0	2.078	0.000	0	0	0	43
		B		7.45Y	124.1	0.00	1.91	49.34	0	346	123	94					0	0	0	76
		C		7.48Y	124.6	0.00	1.35	4.94	0	35	12	94					0	0	0	14
PL.18747	PD.149-B	A	336ACSR	7.47Y	124.5	0.01	1.45	25.34	6	178	64	94	0.04	0.0	2.113	0.036	0	0	0	43
		B		7.44Y	124.1	0.02	1.92	49.34	11	346	123	94					0	0	0	76
		C		7.48Y	124.7	-0.01	1.34	4.94	1	35	12	94					0	0	0	14
PL.9944	PL.18747	A	336ACSR	7.47Y	124.5	0.03	1.48	25.34	6	178	64	94	0.06	0.0	2.176	0.062	0	0	0	43
		B		7.44Y	124.0	0.03	1.95	48.62	11	341	121	94					0	0	0	75
		C		7.48Y	124.7	-0.01	1.33	4.94	1	35	12	94					0	0	0	14
PL.17483	PL.9944	A	4ACSR	7.47Y	124.5	0.00	1.48	0.62	1	4	2	89	0.00	0.0	2.181	0.005	0	0	0	1
PD.1805	PL.17483	A	fuse6AMP	7.47Y	124.5	0.00	1.48	0.62	11	4	2	89	0.00	0.0	2.181	0.000	0	0	0	1
PL.17484	PD.1805	A	4ACSR	7.47Y	124.5	0.00	1.48	0.62	1	4	2	89	0.00	0.0	2.209	0.029	0	0	0	1
019360	PL.17484	A	Consumer	7.47Y	124.5	0.00	1.48	0.62	0	4	2	89	0.00	0.0	2.209	0.000	4	2	1	1
PL.9945	PL.9944	A	336ACSR	7.47Y	124.5	0.01	1.49	24.71	6	174	62	94	0.03	0.0	2.205	0.029	0	0	0	41
		B		7.44Y	124.0	0.01	1.96	48.62	11	341	121	94					0	0	0	75
		C		7.48Y	124.7	-0.01	1.32	4.94	1	35	12	94					0	0	0	14
PL.18640	PL.9945	B	4ACSR	7.44Y	124.0	0.00	1.96	0.98	1	7	2	96	0.00	0.0	2.210	0.005	0	0	0	1
PD.1804	PL.18640	B	fuse6AMP	7.44Y	124.0	0.00	1.96	0.98	17	7	2	96	0.00	0.0	2.210	0.000	0	0	0	1
PL.18641	PD.1804	B	4ACSR	7.44Y	124.0	0.00	1.97	0.98	1	7	2	96	0.00	0.0	2.271	0.061	0	0	0	1
019370	PL.18641	B	Consumer	7.44Y	124.0	0.00	1.97	0.98	0	7	2	96	0.00	0.0	2.271	0.000	7	2	1	1
PL.9946	PL.9945	A	336ACSR	7.47Y	124.5	0.03	1.52	24.71	6	174	62	94	0.08	0.0	2.286	0.081	0	0	0	41
		B		7.44Y	124.0	0.03	2.00	47.64	11	334	118	94					0	0	0	74
		C		7.48Y	124.7	-0.02	1.31	4.94	1	35	12	94					0	0	0	14
019305	PL.9946	A	Consumer	7.47Y	124.5	0.00	1.52	0.00	0	0	0	100	0.00	0.0	2.286	0.000	0	0	0	0
PL.4862	PL.9946	A	336ACSR	7.47Y	124.4	0.03	1.55	24.71	6	174	62	94	0.07	0.0	2.362	0.076	0	0	0	41
		B		7.44Y	124.0	0.03	2.03	47.64	11	334	118	94					0	0	0	74
		C		7.48Y	124.7	-0.02	1.29	4.94	1	35	12	94					0	0	0	14
PL.18838	PL.4862	C	4ACSR	7.48Y	124.7	0.00	1.29	1.26	1	9	3	95	0.00	0.0	2.368	0.006	0	0	0	4
PD.1807	PL.18838	C	fuse6AMP	7.48Y	124.7	0.00	1.29	1.26	21	9	3	95	0.00	0.0	2.368	0.000	0	0	0	4
PL.18839	PD.1807	C	4ACSR	7.48Y	124.7	0.00	1.29	1.26	1	9	3	95	0.00	0.0	2.382	0.013	0	0	0	4
019343	PL.18839	C	Consumer	7.48Y	124.7	0.00	1.29	0.11	0	1	0	100	0.00	0.0	2.382	0.000	1	0	1	1
019314	PL.18839	C	Consumer	7.48Y	124.7	0.00	1.29	0.00	0	0	0	100	0.00	0.0	2.382	0.000	0	0	1	1
PL.9947	PL.18839	C	4ACSR	7.48Y	124.7	0.00	1.29	1.15	1	8	3	94	0.00	0.0	2.400	0.018	0	0	0	2
PL.1562	PL.9947	C	4ACSR	7.48Y	124.7	0.00	1.29	0.62	1	4	2	89	0.00	0.0	2.433	0.033	0	0	0	1
PL.1563	PL.1562	C	4ACSR	7.48Y	124.7	0.00	1.29	0.62	1	4	2	89	0.00	0.0	2.463	0.030	0	0	0	1
PL.1564	PL.1563	C	4ACSR	7.48Y	124.7	0.00	1.30	0.62	1	4	2	89	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\SUMMER\PROPOSED SUMMER 06-10 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							
018374	PL.1564	C	Consumer	7.48Y	124.7	0.00	1.30	0.62	0	4	2	89	0.00	0.0	2.491	0.000	4	2	1	1
PL.39127	PL.9947	C	2ACSR	7.48Y	124.7	0.00	1.29	0.53	0	4	1	97	0.00	0.0	2.495	0.095	0	0	0	1
0183135	PL.39127	C	Consumer	7.48Y	124.7	0.00	1.29	0.53	0	4	1	97	0.00	0.0	2.495	0.000	4	1	1	1
PL.4863	PL.4862	A	336ACSR	7.46Y	124.4	0.05	1.60	24.71	6	174	62	94	0.12	0.0	2.483	0.120	0	0	0	41
		B		7.44Y	123.9	0.05	2.08	47.64	11	334	118	94					0	0	0	74
		C		7.48Y	124.7	-0.03	1.26	3.68	1	26	9	94					0	0	0	10
PL.9948	PL.4863	A	336ACSR	7.46Y	124.4	0.02	1.62	24.71	6	174	62	94	0.04	0.0	2.527	0.044	0	0	0	41
		B		7.43Y	123.9	0.02	2.10	47.64	11	334	118	94					0	0	0	74
		C		7.48Y	124.7	-0.01	1.26	3.68	1	26	9	94					0	0	0	9
PL.20907	PL.9948	A	4ACSR	7.46Y	124.4	0.00	1.62	0.21	0	1	1	71	0.00	0.0	2.533	0.007	0	0	0	1
PD.1915	PL.20907	A	fuse6AMP	7.46Y	124.4	0.00	1.62	0.21	4	1	1	71	0.00	0.0	2.533	0.000	0	0	0	1
PL.20908	PD.1915	A	4ACSR	7.46Y	124.4	0.00	1.62	0.21	0	1	1	71	0.00	0.0	2.564	0.031	0	0	0	1
019398	PL.20908	A	Consumer	7.46Y	124.4	0.00	1.62	0.21	0	1	1	71	0.00	0.0	2.564	0.000	1	1	1	1
PL.24534	PL.20908	A	4ACSR	7.46Y	124.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	2.621	0.057	0	0	0	0
PL.20598	PL.9948	B	4ACSR	7.43Y	123.9	0.00	2.10	0.89	1	6	2	95	0.00	0.0	2.533	0.006	0	0	0	1
PD.1916	PL.20598	B	fuse6AMP	7.43Y	123.9	0.00	2.10	0.89	15	6	2	95	0.00	0.0	2.533	0.000	0	0	0	1
PL.20597	PD.1916	B	4ACSR	7.43Y	123.9	0.00	2.10	0.89	1	6	2	95	0.00	0.0	2.597	0.065	0	0	0	1
0183118	PL.20597	B	Consumer	7.43Y	123.9	0.00	2.10	0.89	0	6	2	95	0.00	0.0	2.597	0.000	6	2	1	1
PL.11400	PL.9948	A	336ACSR	7.46Y	124.4	0.02	1.64	24.51	6	172	62	94	0.05	0.0	2.584	0.057	0	0	0	40
		B		7.43Y	123.9	0.02	2.12	46.75	11	328	115	94					0	0	0	73
		C		7.49Y	124.8	-0.01	1.24	3.68	1	26	9	94					0	0	0	9
0192112	PL.11400	A	Consumer	7.46Y	124.4	0.00	1.64	1.13	0	8	3	94	0.00	0.0	2.584	0.000	8	3	1	1
019283	PL.11400	C	Consumer	7.49Y	124.8	0.00	1.24	0.18	0	1	0	100	0.00	0.0	2.584	0.000	1	0	1	1
0192105	PL.11400	C	Consumer	7.49Y	124.8	0.00	1.24	0.03	0	0	0	100	0.00	0.0	2.584	0.000	0	0	1	1
PL.11401	PL.11400	A	336ACSR	7.46Y	124.3	0.02	1.66	23.38	5	164	59	94	0.06	0.0	2.645	0.061	0	0	0	39
		B		7.43Y	123.9	0.02	2.14	46.75	11	328	115	94					0	0	0	73
		C		7.49Y	124.8	-0.01	1.23	3.47	1	24	9	94					0	0	0	7
PL.16688	PL.11401	A	4ACSR	7.46Y	124.3	0.00	1.66	1.20	1	8	3	94	0.00	0.0	2.652	0.007	0	0	0	3
PD.1917	PL.16688	A	fuse6AMP	7.46Y	124.3	0.00	1.66	1.20	20	8	3	94	0.00	0.0	2.652	0.000	0	0	0	3
PL.16689	PD.1917	A	4ACSR	7.46Y	124.3	0.01	1.67	1.20	1	8	3	94	0.00	0.0	2.782	0.130	0	0	0	3
019264	PL.16689	A	Consumer	7.46Y	124.3	0.00	1.67	0.31	0	2	1	89	0.00	0.0	2.782	0.000	2	1	1	1
PL.1636	PL.16689	A	4ACSR	7.46Y	124.3	0.00	1.67	0.89	1	6	2	95	0.00	0.0	2.884	0.102	0	0	0	2
PL.33012	PL.1636	A	4ACSR	7.46Y	124.3	0.00	1.67	0.05	0	0	0	100	0.00	0.0	2.923	0.040	0	0	0	1
0182031	PL.33012	A	Consumer	7.46Y	124.3	0.00	1.67	0.05	0	0	0	100	0.00	0.0	2.923	0.000	0	0	1	1
018230	PL.1636	A	Consumer	7.46Y	124.3	0.00	1.67	0.84	0	6	2	95	0.00	0.0	2.884	0.000	6	2	1	1
PL.11402	PL.11401	A	336ACSR	7.46Y	124.3	0.01	1.67	22.18	5	156	56	94	0.02	0.0	2.664	0.019	0	0	0	36
		B		7.43Y	123.8	0.01	2.15	46.75	11	328	115	94					0	0	0	73
		C		7.49Y	124.8	-0.00	1.23	3.47	1	24	9	94					0	0	0	7
PL.11403	PL.11402	A	336ACSR	7.46Y	124.3	0.02	1.69	18.90	4	133	46	95	0.05	0.0	2.723	0.059	0	0	0	33
		B		7.43Y	123.8	0.03	2.18	46.75	11	328	115	94					0	0	0	73
		C		7.49Y	124.8	-0.01	1.21	3.47	1	24	9	94					0	0	0	7
PL.71	PL.11403	A	336ACSR	7.45Y	124.2	0.07	1.76	18.90	4	133	46	95	0.12	0.0	2.980	0.257	0	0	0	33
		B		7.43Y	123.8	0.07	2.25	32.90	7	231	81	94					0	0	0	53
		C		7.49Y	124.8	-0.03	1.18	3.47	1	24	9	94					0	0	0	7
PL.45244	PL.71	A	4ACSR	7.45Y	124.2	0.00	1.77	7.85	7	55	19	95	0.00	0.0	2.988	0.008	0	0	0	13

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.3365	PL.45244	A	35V4E	7.45Y	124.2	0.00	1.77	7.85	22	55	19	95	0.00	0.0	2.988	0.000	0	0	0	13
PL.45245	PD.3365	A	4ACSR	7.45Y	124.2	0.02	1.79	7.85	7	55	19	95	0.01	0.0	3.057	0.069	0	0	0	13
019271	PL.45245	A	Consumer	7.45Y	124.2	0.00	1.79	0.00	0	0	0	100	0.00	0.0	3.057	0.000	0	0	0	0
019270	PL.45245	A	Consumer	7.45Y	124.2	0.00	1.79	0.51	0	4	1	97	0.00	0.0	3.057	0.000	4	1	1	1
PL.11775	PL.45245	A	4ACSR	7.45Y	124.2	0.02	1.81	7.34	6	52	18	94	0.01	0.0	3.123	0.066	0	0	0	12
PL.45169	PL.11775	A	4ACSR	7.45Y	124.2	0.00	1.82	3.33	3	23	8	94	0.00	0.0	3.130	0.006	0	0	0	7
PD.8600-A	PL.45169	A	Closed	7.45Y	124.2	0.00	1.82	3.33	0	23	8	94	0.00	0.0	3.130	0.000	0	0	0	7
PD.8600-B	PD.8600-A	A	Closed	7.45Y	124.2	0.00	1.82	3.33	0	23	8	94	0.00	0.0	3.130	0.000	0	0	0	7
PL.45170	PD.8600-B	A	4ACSR	7.45Y	124.2	0.01	1.82	3.33	3	23	8	94	0.00	0.0	3.176	0.046	0	0	0	7
PL.5760	PL.45170	A	4ACSR	7.45Y	124.2	0.01	1.83	3.33	3	23	8	94	0.00	0.0	3.211	0.035	0	0	0	7
019248	PL.5760	A	Consumer	7.45Y	124.2	0.00	1.83	0.24	0	2	1	89	0.00	0.0	3.211	0.000	2	1	1	1
019261	PL.5760	A	Consumer	7.45Y	124.2	0.00	1.83	0.52	0	4	1	97	0.00	0.0	3.211	0.000	0	0	0	1
019211	019261	A	Consumer	7.45Y	124.2	0.00	1.83	0.52	0	4	1	97	0.00	0.0	3.211	0.000	4	1	1	1
019214	019261	A	Consumer	7.45Y	124.2	0.00	1.83	0.00	0	0	0	100	0.00	0.0	3.211	0.000	0	0	0	0
019227	PL.5760	A	Consumer	7.45Y	124.2	0.00	1.83	0.52	0	4	1	97	0.00	0.0	3.211	0.000	4	1	1	1
PL.28092	PL.5760	A	4ACSR	7.45Y	124.2	0.00	1.83	2.04	2	14	5	94	0.00	0.0	3.263	0.052	0	0	0	4
PD.1913	PL.28092	A	fuse6AMP	7.45Y	124.2	0.00	1.83	2.04	35	14	5	94	0.00	0.0	3.263	0.000	0	0	0	4
PL.28093	PD.1913	A	4ACSR	7.45Y	124.2	0.00	1.83	2.04	2	14	5	94	0.00	0.0	3.274	0.011	0	0	0	4
019240	PL.28093	A	Consumer	7.45Y	124.2	0.00	1.83	0.04	0	0	0	100	0.00	0.0	3.274	0.000	0	0	1	1
PL.19069	PL.28093	A	4ACSR	7.45Y	124.2	0.01	1.84	2.01	2	14	5	94	0.00	0.0	3.330	0.056	0	0	0	3
PL.19070	PL.19069	A	4ACSR	7.45Y	124.2	0.00	1.84	2.01	2	14	5	94	0.00	0.0	3.364	0.033	0	0	0	3
PL.17482	PL.19070	A	4ACSR	7.45Y	124.2	0.00	1.84	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	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	3.373	0.000	0	0	0	0
PL.45246	PL.19070	A	4ACSR	7.45Y	124.2	0.00	1.84	1.32	1	9	3	95	0.00	0.0	3.376	0.013	0	0	0	1
PD.8630	PL.45246	A	fuse6AMP	7.45Y	124.2	0.00	1.84	1.32	22	9	3	95	0.00	0.0	3.376	0.000	0	0	0	1
PL.45247	PD.8630	A	4ACSR	7.45Y	124.2	0.00	1.84	1.32	1	9	3	95	0.00	0.0	3.394	0.018	0	0	0	1
PL.4633	PL.45247	A	4ACSR	7.45Y	124.2	0.00	1.84	1.32	1	9	3	95	0.00	0.0	3.415	0.021	0	0	0	1
070249	PL.4633	A	Consumer	7.45Y	124.2	0.00	1.84	1.32	0	9	3	95	0.00	0.0	3.415	0.000	9	3	1	1
070248	PL.4633	A	Consumer	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	3.415	0.000	0	0	0	0
019216	PL.19070	A	Consumer	7.45Y	124.2	0.00	1.84	0.69	0	5	2	93	0.00	0.0	3.364	0.000	5	2	1	1
019250	PL.19070	A	Consumer	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	3.364	0.000	0	0	0	0
019224	PL.19070	A	Consumer	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	3.364	0.000	0	0	1	1
019220	PL.19069	A	Consumer	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	3.330	0.000	0	0	0	0
019268	PL.11775	A	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	3.123	0.000	0	0	0	0
PL.45171	PL.11775	A	4ACSR	7.45Y	124.2	0.00	1.82	4.01	3	28	10	94	0.00	0.0	3.135	0.012	0	0	0	5
PD.8601	PL.45171	A	fuse6AMP	7.45Y	124.2	0.00	1.82	4.01	68	28	10	94	0.00	0.0	3.135	0.000	0	0	0	5
PL.45172	PD.8601	A	4ACSR	7.45Y	124.2	0.01	1.82	4.01	3	28	10	94	0.00	0.0	3.164	0.028	0	0	0	5
PL.24537	PL.45172	A	4ACSR	7.45Y	124.2	0.01	1.83	4.01	3	28	10	94	0.00	0.0	3.210	0.046	0	0	0	5

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.27060, PL.42165, PL.42166, PL.4774, 070267, 070265, PL.4775, 070216, PL.42164, PL.27054, PL.27055, 070213, 070269, PL.11407, PL.15950, PD.3278, PL.15951, 070214, PL.15948, PD.3277, PL.15949, 070223, 070251, PL.15952, PD.3422, PL.15953, 070221, 070231, PL.12059, PL.12060, PL.12061, 019259, 019243, 019269.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.27892 through PL.11288.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.44Y	124.0	0.00	2.02	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	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	4.768	0.000	0	0	0	0
PL.11289	PL.11288	A	4ACSR	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	4.809	0.045	0	0	0	0
PL.11290	PL.11289	A	4ACSR	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	5.088	0.279	0	0	0	0
PL.1539	PL.11290	A	4ACSR	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	5.158	0.070	0	0	0	0
PL.11291	PL.11290	A	4ACSR	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	5.182	0.094	0	0	0	0
PL.1538	PL.11288	A	4ACSR	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	4.880	0.117	0	0	0	0
0192111	PL.45235	A	Consumer	7.44Y	124.0	0.00	2.02	0.96	0	7	2	96	0.00	0.0	4.214	0.000	7	2	1	1
PL.20467	PL.27893	A	4ACSR	7.44Y	124.0	0.00	1.98	1.38	1	10	3	96	0.00	0.0	3.920	0.006	0	0	0	2
PD.1919	PL.20467	A	fuse6AMP	7.44Y	124.0	0.00	1.98	1.38	24	10	3	96	0.00	0.0	3.920	0.000	0	0	0	2
PL.20468	PD.1919	A	4ACSR	7.44Y	124.0	0.00	1.98	1.38	1	10	3	96	0.00	0.0	3.969	0.050	0	0	0	2
0192108	PL.20468	A	Consumer	7.44Y	124.0	0.00	1.98	0.35	0	2	1	89	0.00	0.0	3.969	0.000	2	1	1	1
019258	PL.20468	A	Consumer	7.44Y	124.0	0.00	1.98	1.03	0	7	3	92	0.00	0.0	3.969	0.000	7	3	1	1
PL.1639	PL.27893	A	4ACSR	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	3.936	0.022	0	0	0	0
019267	PL.1639	A	Consumer	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	3.936	0.000	0	0	0	0
PL.8147	PL.42164	B	4ACSR	7.41Y	123.5	0.04	2.47	9.73	8	68	24	94	0.02	0.0	3.774	0.097	0	0	0	22
070206	PL.8147	B	Consumer	7.41Y	123.5	0.00	2.47	0.64	0	5	2	93	0.00	0.0	3.774	0.000	5	2	1	1
PL.12057	PL.8147	B	4ACSR	7.41Y	123.5	0.02	2.49	9.08	8	64	22	95	0.01	0.0	3.828	0.054	0	0	0	21
PL.12058	PL.12057	B	4ACSR	7.41Y	123.5	0.04	2.53	8.59	7	60	21	94	0.02	0.0	3.924	0.096	0	0	0	19
PL.8145	PL.12058	B	4ACSR	7.41Y	123.5	0.01	2.54	5.34	4	37	13	94	0.00	0.0	3.961	0.037	0	0	0	12
070224	PL.8145	B	Consumer	7.41Y	123.5	0.00	2.54	0.54	0	4	1	97	0.00	0.0	3.961	0.000	4	1	1	1
PL.27058	PL.8145	B	4ACSR	7.41Y	123.5	0.00	2.54	4.80	4	34	12	94	0.00	0.0	3.967	0.005	0	0	0	11
PD.3280-A	PL.27058	B	Closed	7.41Y	123.5	0.00	2.54	4.80	0	34	12	94	0.00	0.0	3.967	0.000	0	0	0	11
PD.3280-B	PD.3280-A	B	Closed	7.41Y	123.5	0.00	2.54	4.80	0	34	12	94	0.00	0.0	3.967	0.000	0	0	0	11
PL.27059	PD.3280-B	B	4ACSR	7.41Y	123.5	0.00	2.54	4.80	4	34	12	94	0.00	0.0	3.974	0.008	0	0	0	11
070261	PL.27059	B	Consumer	7.41Y	123.5	0.00	2.54	0.18	0	1	0	100	0.00	0.0	3.974	0.000	1	0	1	1
PL.8158	PL.27059	B	4ACSR	7.41Y	123.5	0.01	2.55	4.62	4	32	11	95	0.00	0.0	4.006	0.032	0	0	0	10
070232	PL.8158	B	Consumer	7.41Y	123.5	0.00	2.55	0.05	0	0	0	100	0.00	0.0	4.006	0.000	0	0	1	1
070229	PL.8158	B	Consumer	7.41Y	123.5	0.00	2.55	0.35	0	2	1	89	0.00	0.0	4.006	0.000	2	1	1	1
070220	PL.8158	B	Consumer	7.41Y	123.5	0.00	2.55	0.79	0	6	2	95	0.00	0.0	4.006	0.000	6	2	1	1
070242	PL.8158	B	Consumer	7.41Y	123.5	0.00	2.55	0.60	0	4	1	97	0.00	0.0	4.006	0.000	4	1	1	1
070241	PL.8158	B	Consumer	7.41Y	123.5	0.00	2.55	0.58	0	4	1	97	0.00	0.0	4.006	0.000	4	1	1	1
PL.34642	PL.8158	B	4ACSR	7.41Y	123.4	0.00	2.55	2.26	2	16	5	95	0.00	0.0	4.025	0.019	0	0	0	5
PD.4902	PL.34642	B	fuse6AMP	7.41Y	123.4	0.00	2.55	2.26	39	16	5	95	0.00	0.0	4.025	0.000	0	0	0	5
PL.34643	PD.4902	B	4ACSR	7.41Y	123.4	0.00	2.55	2.26	2	16	5	95	0.00	0.0	4.047	0.022	0	0	0	5
PL.43255	PL.34643	B	4ACSR	7.41Y	123.4	0.00	2.56	2.26	2	16	5	95	0.00	0.0	4.077	0.030	0	0	0	4
PL.43254	PL.43255	B	4ACSR	7.41Y	123.4	0.00	2.56	2.24	2	16	5	95	0.00	0.0	4.104	0.027	0	0	0	3
PL.4634	PL.43254	B	4ACSR	7.41Y	123.4	0.00	2.56	2.24	2	16	5	95	0.00	0.0	4.147	0.043	0	0	0	3

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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							
070250	PL.4634	B	Consumer	7.41Y	123.4	0.00	2.56	0.91	0	6	2	95	0.00	0.0	4.147	0.000	6	2	1	1
070247	PL.4634	B	Consumer	7.41Y	123.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	4.147	0.000	0	0	0	0
070238	PL.4634	B	Consumer	7.41Y	123.4	0.00	2.56	0.63	0	4	2	89	0.00	0.0	4.147	0.000	4	2	1	1
PL.4780	PL.4634	B	4ACSR	7.41Y	123.4	0.00	2.57	0.69	1	5	2	93	0.00	0.0	4.239	0.092	0	0	0	1
070270	PL.4780	B	Consumer	7.41Y	123.4	0.00	2.57	0.69	0	5	2	93	0.00	0.0	4.239	0.000	5	2	1	1
0702071	PL.43255	B	Consumer	7.41Y	123.4	0.00	2.56	0.02	0	0	0	100	0.00	0.0	4.077	0.000	0	0	1	1
0702079	PL.34643	B	Consumer	7.41Y	123.4	0.00	2.55	0.01	0	0	0	100	0.00	0.0	4.047	0.000	0	0	1	1
070245	PL.12058	B	Consumer	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	3.924	0.000	0	0	1	1
070244	PL.12058	B	Consumer	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	3.924	0.000	0	0	1	1
070246	PL.12058	B	Consumer	7.41Y	123.5	0.00	2.53	0.45	0	3	1	95	0.00	0.0	3.924	0.000	3	1	1	1
PL.8159	PL.12058	B	4ACSR	7.41Y	123.5	0.01	2.54	2.79	2	20	7	94	0.00	0.0	3.970	0.046	0	0	0	4
PL.8160	PL.8159	B	4ACSR	7.41Y	123.5	0.00	2.54	2.79	2	20	7	94	0.00	0.0	4.002	0.032	0	0	0	4
070234	PL.8160	B	Consumer	7.41Y	123.5	0.00	2.54	0.44	0	3	1	95	0.00	0.0	4.002	0.000	3	1	1	1
PL.8151	PL.8160	B	4ACSR	7.41Y	123.5	0.01	2.55	2.35	2	16	6	94	0.00	0.0	4.061	0.059	0	0	0	3
PL.8152	PL.8151	B	4ACSR	7.41Y	123.4	0.00	2.55	1.17	1	8	3	94	0.00	0.0	4.137	0.077	0	0	0	2
PL.8146	PL.8152	B	4ACSR	7.41Y	123.4	0.00	2.55	0.70	1	5	2	93	0.00	0.0	4.262	0.125	0	0	0	1
070254	PL.8146	B	Consumer	7.41Y	123.4	0.00	2.55	0.70	0	5	2	93	0.00	0.0	4.262	0.000	5	2	1	1
PL.40412	PL.8152	B	2ACSR	7.41Y	123.4	0.00	2.55	0.48	0	3	1	95	0.00	0.0	4.163	0.026	0	0	0	1
070253	PL.40412	B	Consumer	7.41Y	123.4	0.00	2.55	0.00	0	0	0	100	0.00	0.0	4.163	0.000	0	0	0	0
0702077	PL.40412	B	Consumer	7.41Y	123.4	0.00	2.55	0.48	0	3	1	95	0.00	0.0	4.163	0.000	3	1	1	1
070257	PL.8151	B	Consumer	7.41Y	123.5	0.00	2.55	1.18	0	8	3	94	0.00	0.0	4.061	0.000	8	3	1	1
PL.27056	PL.12057	B	4ACSR	7.41Y	123.5	0.00	2.49	0.50	0	3	1	95	0.00	0.0	3.834	0.006	0	0	0	2
PD.3279	PL.27056	B	fuse6AMP	7.41Y	123.5	0.00	2.49	0.50	9	3	1	95	0.00	0.0	3.834	0.000	0	0	0	2
PL.32744	PD.3279	B	4ACSR	7.41Y	123.5	0.00	2.49	0.50	0	3	1	95	0.00	0.0	3.909	0.076	0	0	0	2
070262	PL.32744	B	Consumer	7.41Y	123.5	0.00	2.49	0.48	0	3	1	95	0.00	0.0	3.909	0.000	3	1	1	1
PL.32747	PL.32744	B	4ACSR	7.41Y	123.5	0.00	2.49	0.02	0	0	0	100	0.00	0.0	3.930	0.020	0	0	0	1
PL.32748	PL.32747	B	4ACSR	7.41Y	123.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	3.952	0.023	0	0	0	0
PL.32746	PL.32747	B	4ACSR	7.41Y	123.5	0.00	2.49	0.02	0	0	0	100	0.00	0.0	3.978	0.048	0	0	0	1
0702075	PL.32746	B	Consumer	7.41Y	123.5	0.00	2.49	0.02	0	0	0	100	0.00	0.0	3.978	0.000	0	0	1	1
PL.27062	PL.11766	B	2ACSR	7.41Y	123.6	0.00	2.42	22.82	15	160	56	94	0.00	0.0	3.517	0.006	0	0	0	29
PL.27063	PL.27062	B	4ACSR	7.41Y	123.5	0.03	2.45	22.82	19	160	56	94	0.03	0.0	3.545	0.028	0	0	0	29
PL.27064	PL.27063	B	4ACSR	7.41Y	123.5	0.00	2.45	1.44	1	10	3	96	0.00	0.0	3.551	0.006	0	0	0	3
PD.3281	PL.27064	B	fuse6AMP	7.41Y	123.5	0.00	2.45	1.44	25	10	3	96	0.00	0.0	3.551	0.000	0	0	0	3
PL.38647	PD.3281	B	4ACSR	7.41Y	123.5	0.00	2.46	1.44	1	10	3	96	0.00	0.0	3.605	0.055	0	0	0	3
PL.38648	PL.38647	B	4ACSR	7.41Y	123.5	0.00	2.46	1.08	1	8	3	94	0.00	0.0	3.630	0.025	0	0	0	2
070225	PL.38648	B	Consumer	7.41Y	123.5	0.00	2.46	0.30	0	2	1	89	0.00	0.0	3.630	0.000	2	1	1	1
0702072	PL.38648	B	Consumer	7.41Y	123.5	0.00	2.46	0.78	0	5	2	93	0.00	0.0	3.630	0.000	5	2	1	1
0702076	PL.38647	B	Consumer	7.41Y	123.5	0.00	2.46	0.36	0	3	1	95	0.00	0.0	3.605	0.000	3	1	1	1

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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts						% PF	kW Loss	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	KW						KVAR			
PL.27066	PL.27063	B	4ACSR	7.41Y	123.5	0.04	2.49	21.38	18	150	52	94	0.04	0.0	3.584	0.039	0	0	0	26	
PL.27067	PL.27066	B	4ACSR	7.41Y	123.5	0.01	2.50	21.38	18	150	52	94	0.01	0.0	3.589	0.005	0	0	0	26	
C PD.2413	PL.27067	B	fuse6AMP	7.41Y	123.5	0.00	2.50	21.38	365	150	52	94	0.00	0.0	3.589	0.000	0	0	0	26 C	
PL.32706	PD.2413	B	4ACSR	7.40Y	123.4	0.10	2.60	21.38	18	150	52	94	0.12	0.1	3.696	0.107	0	0	0	26	
PL.32707	PL.32706	B	4ACSR	7.40Y	123.3	0.06	2.66	19.71	17	138	48	94	0.06	0.0	3.765	0.070	0	0	0	24	
PD.501-A	PL.32707	B	Closed	7.40Y	123.3	0.00	2.66	19.71	0	138	48	94	0.00	0.0	3.765	0.000	0	0	0	24	
PD.501-B	PD.501-A	B	Closed	7.40Y	123.3	0.00	2.66	19.71	0	138	48	94	0.00	0.0	3.765	0.000	0	0	0	24	
PL.27077	PD.501-B	B	4ACSR	7.40Y	123.3	0.01	2.67	19.71	17	138	48	94	0.01	0.0	3.771	0.006	0	0	0	24	
PL.31890	PL.27077	B	4ACSR	7.40Y	123.3	0.04	2.71	19.71	17	138	48	94	0.05	0.0	3.820	0.049	0	0	0	24	
0702074	PL.31890	B	Consumer	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	3.820	0.000	0	0	0	0	
PL.31889	PL.31890	B	4ACSR	7.40Y	123.3	0.03	2.74	19.71	17	138	48	94	0.03	0.0	3.849	0.028	0	0	0	24	
PL.11759	PL.31889	B	4ACSR	7.39Y	123.2	0.02	2.76	11.92	10	83	29	94	0.01	0.0	3.888	0.039	0	0	0	14	
070233	PL.11759	B	Consumer	7.39Y	123.2	0.00	2.76	0.39	0	3	1	95	0.00	0.0	3.888	0.000	3	1	1	1	
PL.45239	PL.11759	B	4ACSR	7.39Y	123.2	0.01	2.77	11.53	10	81	28	95	0.00	0.0	3.900	0.013	0	0	0	13	
PD.8627-A	PL.45239	B	Closed	7.39Y	123.2	0.00	2.77	11.53	0	81	28	95	0.00	0.0	3.900	0.000	0	0	0	13	
PD.8627-B	PD.8627-A	B	Closed	7.39Y	123.2	0.00	2.77	11.53	0	81	28	95	0.00	0.0	3.900	0.000	0	0	0	13	
PL.45238	PD.8627-B	B	4ACSR	7.39Y	123.2	0.02	2.78	11.53	10	81	28	95	0.01	0.0	3.934	0.034	0	0	0	13	
PL.11757	PL.45238	B	4ACSR	7.39Y	123.1	0.11	2.89	11.53	10	81	28	95	0.06	0.1	4.136	0.202	0	0	0	13	
PL.27079	PL.11757	B	4ACSR	7.39Y	123.1	0.00	2.89	6.37	5	44	15	95	0.00	0.0	4.141	0.005	0	0	0	8	
PD.503-A	PL.27079	B	Closed	7.39Y	123.1	0.00	2.89	6.37	0	44	15	95	0.00	0.0	4.141	0.000	0	0	0	8	
PD.503-B	PD.503-A	B	Closed	7.39Y	123.1	0.00	2.89	6.37	0	44	15	95	0.00	0.0	4.141	0.000	0	0	0	8	
PL.27078	PD.503-B	B	4ACSR	7.38Y	123.1	0.03	2.92	6.37	5	44	15	95	0.01	0.0	4.241	0.100	0	0	0	8	
PL.37895	PL.27078	B	4ACSR	7.38Y	123.1	0.00	2.92	3.45	3	24	8	95	0.00	0.0	4.256	0.015	0	0	0	6	
PL.37893	PL.37895	B	2ACSR	7.38Y	123.1	0.02	2.94	3.45	2	24	8	95	0.00	0.0	4.394	0.138	0	0	0	6	
PL.37896	PL.37893	B	4ACSR	7.38Y	123.0	0.03	2.96	3.45	3	24	8	95	0.00	0.0	4.560	0.167	0	0	0	6	
PL.27082	PL.37896	B	4ACSR	7.38Y	123.0	0.00	2.96	0.53	0	4	1	97	0.00	0.0	4.566	0.005	0	0	0	1	
PD.2415	PL.27082	B	fuse6AMP	7.38Y	123.0	0.00	2.96	0.53	9	4	1	97	0.00	0.0	4.566	0.000	0	0	0	1	
PL.27083	PD.2415	B	4ACSR	7.38Y	123.0	0.00	2.96	0.53	0	4	1	97	0.00	0.0	4.588	0.022	0	0	0	1	
071230	PL.27083	B	Consumer	7.38Y	123.0	0.00	2.96	0.53	0	4	1	97	0.00	0.0	4.588	0.000	4	1	1	1	
PL.11755	PL.37896	B	4ACSR	7.38Y	123.0	0.01	2.97	2.92	2	20	7	94	0.00	0.0	4.625	0.065	0	0	0	5	
071224	PL.11755	B	Consumer	7.38Y	123.0	0.00	2.97	0.00	0	0	0	100	0.00	0.0	4.625	0.000	0	0	1	1	
071223	PL.11755	B	Consumer	7.38Y	123.0	0.00	2.97	0.64	0	4	2	89	0.00	0.0	4.625	0.000	4	2	1	1	
0712036	PL.11755	B	Consumer	7.38Y	123.0	0.00	2.97	0.75	0	5	2	93	0.00	0.0	4.625	0.000	5	2	1	1	
071217	PL.11755	B	Consumer	7.38Y	123.0	0.00	2.97	0.00	0	0	0	100	0.00	0.0	4.625	0.000	0	0	0	0	
PL.30814	PL.11755	B	4ACSR	7.38Y	123.0	0.00	2.97	1.53	1	11	4	94	0.00	0.0	4.657	0.032	0	0	0	2	
PL.30816	PL.30814	B	4ACSR	7.38Y	123.0	0.00	2.97	1.53	1	11	4	94	0.00	0.0	4.663	0.006	0	0	0	2	
PL.30818	PL.30816	B	4ACSR	7.38Y	123.0	0.00	2.97	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	7.38Y	123.0	0.00	2.97	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\SUMMER\PROPOSED SUMMER 06-10 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	7.38Y	123.0	0.00	2.98	1.53	1	11	4	94	0.00	0.0	4.669	0.007	0	0	0	2
PD.8629	PL.45242	B	fuse6AMP	7.38Y	123.0	0.00	2.98	1.53	26	11	4	94	0.00	0.0	4.669	0.000	0	0	0	2
PL.45243	PD.8629	B	4ACSR	7.38Y	123.0	0.00	2.98	1.53	1	11	4	94	0.00	0.0	4.717	0.048	0	0	0	2
071222	PL.45243	B	Consumer	7.38Y	123.0	0.00	2.98	0.52	0	4	1	97	0.00	0.0	4.717	0.000	4	1	1	1
071225	PL.45243	B	Consumer	7.38Y	123.0	0.00	2.98	1.01	0	7	2	96	0.00	0.0	4.717	0.000	7	2	1	1
PL.45240	PL.27078	B	4ACSR	7.38Y	123.1	0.00	2.92	2.92	2	20	7	94	0.00	0.0	4.248	0.007	0	0	0	2
PD.8628	PL.45240	B	fuse6AMP	7.38Y	123.1	0.00	2.92	2.92	50	20	7	94	0.00	0.0	4.248	0.000	0	0	0	2
PL.45241	PD.8628	B	4ACSR	7.38Y	123.1	0.01	2.93	2.92	2	20	7	94	0.00	0.0	4.321	0.073	0	0	0	2
071234	PL.45241	B	Consumer	7.38Y	123.1	0.00	2.93	1.32	0	9	3	95	0.00	0.0	4.321	0.000	9	3	1	1
PL.40818	PL.45241	B	2ACSR	7.38Y	123.1	0.00	2.93	1.60	1	11	4	94	0.00	0.0	4.395	0.074	0	0	0	1
0712038	PL.40818	B	Consumer	7.38Y	123.1	0.00	2.93	1.60	0	11	4	94	0.00	0.0	4.395	0.000	11	4	1	1
071210	PL.11757	B	Consumer	7.39Y	123.1	0.00	2.89	0.80	0	6	2	95	0.00	0.0	4.136	0.000	6	2	1	1
071227	PL.11757	B	Consumer	7.39Y	123.1	0.00	2.89	0.82	0	6	2	95	0.00	0.0	4.136	0.000	6	2	1	1
071235	PL.11757	B	Consumer	7.39Y	123.1	0.00	2.89	0.00	0	0	0	100	0.00	0.0	4.136	0.000	0	0	0	0
071203	PL.11757	B	Consumer	7.39Y	123.1	0.00	2.89	1.06	0	7	3	92	0.00	0.0	4.136	0.000	7	3	1	1
PL.27080	PL.11757	B	4ACSR	7.39Y	123.1	0.00	2.89	2.48	2	17	6	94	0.00	0.0	4.141	0.006	0	0	0	2
PD.2416	PL.27080	B	fuse6AMP	7.39Y	123.1	0.00	2.89	2.48	42	17	6	94	0.00	0.0	4.141	0.000	0	0	0	2
PL.27081	PD.2416	B	4ACSR	7.39Y	123.1	0.01	2.90	2.48	2	17	6	94	0.00	0.0	4.223	0.082	0	0	0	2
PL.8135	PL.27081	B	4ACSR	7.39Y	123.1	0.01	2.91	2.48	2	17	6	94	0.00	0.0	4.287	0.063	0	0	0	2
PL.8136	PL.8135	B	4ACSR	7.39Y	123.1	0.01	2.91	2.48	2	17	6	94	0.00	0.0	4.342	0.056	0	0	0	2
071220	PL.8136	B	Consumer	7.39Y	123.1	0.00	2.91	0.97	0	7	2	96	0.00	0.0	4.342	0.000	7	2	1	1
PL.8137	PL.8136	B	4ACSR	7.39Y	123.1	0.00	2.91	1.51	1	11	4	94	0.00	0.0	4.343	0.000	0	0	0	1
PL.8138	PL.8137	B	4ACSR	7.39Y	123.1	0.00	2.92	1.51	1	11	4	94	0.00	0.0	4.395	0.052	0	0	0	1
PL.24430	PL.8138	B	4ACSR	7.38Y	123.1	0.01	2.92	1.51	1	11	4	94	0.00	0.0	4.483	0.088	0	0	0	1
PL.24431	PL.24430	B	4ACSR	7.38Y	123.1	0.01	2.93	1.51	1	11	4	94	0.00	0.0	4.578	0.095	0	0	0	1
071221	PL.24431	B	Consumer	7.38Y	123.1	0.00	2.93	1.51	0	11	4	94	0.00	0.0	4.578	0.000	11	4	1	1
070237	PL.31889	B	Consumer	7.40Y	123.3	0.00	2.74	1.00	0	7	2	96	0.00	0.0	3.849	0.000	7	2	1	1
070226	PL.31889	B	Consumer	7.40Y	123.3	0.00	2.74	0.76	0	5	2	93	0.00	0.0	3.849	0.000	5	2	1	1
PL.27074	PL.31889	B	4ACSR	7.40Y	123.3	0.00	2.74	6.03	5	42	15	94	0.00	0.0	3.854	0.005	0	0	0	8
C.PD.2414	PL.27074	B	fuse6AMP	7.40Y	123.3	0.00	2.74	6.03	103	42	15	94	0.00	0.0	3.854	0.000	0	0	0	8 C
PL.27075	PD.2414	B	4ACSR	7.39Y	123.2	0.02	2.76	6.03	5	42	15	94	0.01	0.0	3.922	0.068	0	0	0	8
070203	PL.27075	B	Consumer	7.39Y	123.2	0.00	2.76	0.82	0	6	2	95	0.00	0.0	3.922	0.000	6	2	1	1
PL.11761	PL.27075	B	4ACSR	7.39Y	123.2	0.01	2.77	5.20	4	36	13	94	0.00	0.0	3.979	0.057	0	0	0	7
070258	PL.11761	B	Consumer	7.39Y	123.2	0.00	2.77	1.30	0	9	3	95	0.00	0.0	3.979	0.000	9	3	1	1
PL.11762	PL.11761	B	4ACSR	7.39Y	123.2	0.01	2.78	3.90	3	27	9	95	0.00	0.0	4.031	0.052	0	0	0	6
PL.11763	PL.11762	B	4ACSR	7.39Y	123.2	0.00	2.78	3.26	3	23	8	94	0.00	0.0	4.037	0.005	0	0	0	5
PL.11764	PL.11763	B	4ACSR	7.39Y	123.2	0.00	2.78	2.52	2	18	6	95	0.00	0.0	4.064	0.027	0	0	0	4
PL.11765	PL.11764	B	4ACSR	7.39Y	123.2	0.00	2.79	0.67	1	5	2	93	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\SUMMER\PROPOSED SUMMER 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	7.39Y	123.2	0.00	2.79	0.67	0	5	2	93	0.00	0.0	4.132	0.000	5	2	1	1
070256	PL.11764	B	Consumer	7.39Y	123.2	0.00	2.78	0.95	0	7	2	96	0.00	0.0	4.064	0.000	7	2	1	1
070208	PL.11764	B	Consumer	7.39Y	123.2	0.00	2.78	0.83	0	6	2	95	0.00	0.0	4.064	0.000	6	2	1	1
070211	PL.11764	B	Consumer	7.39Y	123.2	0.00	2.78	0.07	0	0	0	100	0.00	0.0	4.064	0.000	0	0	1	1
PL.8142	PL.11763	B	4ACSR	7.39Y	123.2	0.00	2.78	0.74	1	5	2	93	0.00	0.0	4.047	0.010	0	0	0	1
070228	PL.8142	B	Consumer	7.39Y	123.2	0.00	2.78	0.74	0	5	2	93	0.00	0.0	4.047	0.000	5	2	1	1
PL.8161	PL.8142	B	4ACSR	7.39Y	123.2	0.00	2.78	0.00	0	0	0	100	0.00	0.0	4.144	0.097	0	0	0	0
PL.8162	PL.8161	B	4ACSR	7.39Y	123.2	0.00	2.78	0.00	0	0	0	100	0.00	0.0	4.198	0.054	0	0	0	0
070264	PL.8162	B	Consumer	7.39Y	123.2	0.00	2.78	0.00	0	0	0	100	0.00	0.0	4.198	0.000	0	0	0	0
070263	PL.8161	B	Consumer	7.39Y	123.2	0.00	2.78	0.00	0	0	0	100	0.00	0.0	4.144	0.000	0	0	0	0
070218	PL.11762	B	Consumer	7.39Y	123.2	0.00	2.78	0.64	0	4	2	89	0.00	0.0	4.031	0.000	4	2	1	1
PL.32705	PL.32706	B	4ACSR	7.40Y	123.4	0.00	2.60	1.67	1	12	4	95	0.00	0.0	3.734	0.038	0	0	0	2
070274	PL.32705	B	Consumer	7.40Y	123.4	0.00	2.60	0.89	0	6	2	95	0.00	0.0	3.734	0.000	6	2	1	1
0702080	PL.32705	B	Consumer	7.40Y	123.4	0.00	2.60	0.00	0	0	0	100	0.00	0.0	3.734	0.000	0	0	0	0
0702073	PL.32705	B	Consumer	7.40Y	123.4	0.00	2.60	0.77	0	5	2	93	0.00	0.0	3.734	0.000	5	2	1	1
PL.27070	PL.8148	C	4ACSR	7.49Y	124.9	0.00	1.11	1.78	1	13	4	96	0.00	0.0	3.416	0.006	0	0	0	4
PD.2418	PL.27070	C	fuse6AMP	7.49Y	124.9	0.00	1.11	1.78	30	13	4	96	0.00	0.0	3.416	0.000	0	0	0	4
PL.42168	PD.2418	C	4ACSR	7.49Y	124.9	0.01	1.12	1.78	1	13	4	96	0.00	0.0	3.562	0.146	0	0	0	4
PL.42169	PL.42168	C	4ACSR	7.49Y	124.9	0.02	1.14	1.78	1	13	4	96	0.00	0.0	3.759	0.196	0	0	0	4
PL.4778	PL.42169	C	4ACSR	7.49Y	124.9	0.00	1.14	0.93	1	7	2	96	0.00	0.0	3.792	0.034	0	0	0	1
070268	PL.4778	C	Consumer	7.49Y	124.9	0.00	1.14	0.93	0	7	2	96	0.00	0.0	3.792	0.000	7	2	1	1
PL.44662	PL.42169	C	4ACSR	7.49Y	124.9	0.00	1.14	0.85	1	6	2	95	0.00	0.0	3.836	0.077	0	0	0	3
0712039	PL.44662	C	Consumer	7.49Y	124.9	0.00	1.14	0.49	0	3	1	95	0.00	0.0	3.836	0.000	3	1	1	1
PL.44663	PL.44662	C	4ACSR	7.49Y	124.9	0.00	1.14	0.36	0	3	1	95	0.00	0.0	3.885	0.049	0	0	0	2
PL.41310	PL.44663	C	4ACSR	7.49Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	3.897	0.012	0	0	0	1
PL.44660	PL.41310	C	4ACSR	7.49Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	3.936	0.039	0	0	0	1
0712040	PL.44660	C	Consumer	7.49Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	3.936	0.000	0	0	1	1
PL.44661	PL.44660	C	4ACSR	7.49Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	3.973	0.038	0	0	0	0
071233	PL.44663	C	Consumer	7.49Y	124.9	0.00	1.14	0.36	0	3	1	95	0.00	0.0	3.885	0.000	3	1	1	1
PL.42167	PL.42168	C	2ACSR	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	3.750	0.187	0	0	0	0
0702078	PL.42167	C	Consumer	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	3.750	0.000	0	0	0	0
070201	PL.11774	B	Consumer	7.42Y	123.6	0.00	2.37	0.27	0	2	1	89	0.00	0.0	3.347	0.000	2	1	1	1
PL.27072	PL.11773	A	336ACSR	7.45Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	3.143	0.006	0	0	0	0
		B		7.42Y	123.7	0.00	2.30	0.00	0	0	0	100					0	0	0	0
		C		7.49Y	124.8	0.00	1.15	0.00	0	0	0	100					0	0	0	0
PD.3270	PL.27072	A	fuse6AMP	7.45Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	3.143	0.000	0	0	0	0
		B		7.42Y	123.7	0.00	2.30	0.00	0	0	0	100					0	0	0	0
		C		7.49Y	124.8	0.00	1.15	0.00	0	0	0	100					0	0	0	0
PL.27073	PD.3270	A	336ACSR	7.45Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	3.234	0.091	0	0	0	0
		B		7.42Y	123.7	0.00	2.30	0.00	0	0	0	100					0	0	0	0
		C		7.49Y	124.8	0.00	1.15	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\SUMMER\PROPOSED SUMMER 06-10 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.22770	PL.11403	B	4ACSR	7.43Y	123.8	0.01	2.18	13.85	12	97	34	94	0.00	0.0	2.732	0.009	0	0	0	20
PD.3507	PL.22770	B	35V4E	7.43Y	123.8	0.00	2.18	13.85	40	97	34	94	0.00	0.0	2.732	0.000	0	0	0	20
PL.22771	PD.3507	B	4ACSR	7.43Y	123.8	0.02	2.21	13.85	12	97	34	94	0.02	0.0	2.771	0.038	0	0	0	20
019254	PL.22771	B	Consumer	7.43Y	123.8	0.00	2.21	0.89	0	6	2	95	0.00	0.0	2.771	0.000	6	2	1	1
019244	PL.22771	B	Consumer	7.43Y	123.8	0.00	2.21	0.00	0	0	0	100	0.00	0.0	2.771	0.000	0	0	1	1
019208	PL.22771	B	Consumer	7.43Y	123.8	0.00	2.21	0.96	0	7	2	96	0.00	0.0	2.771	0.000	7	2	1	1
019272	PL.22771	B	Consumer	7.43Y	123.8	0.00	2.21	0.00	0	0	0	100	0.00	0.0	2.771	0.000	0	0	0	0
019246	PL.22771	B	Consumer	7.43Y	123.8	0.00	2.21	0.31	0	2	1	89	0.00	0.0	2.771	0.000	2	1	1	1
PL.4858	PL.22771	B	4ACSR	7.42Y	123.7	0.05	2.26	11.68	10	82	28	95	0.03	0.0	2.864	0.094	0	0	0	16
PL.4857	PL.4858	B	4ACSR	7.42Y	123.7	0.04	2.30	10.34	9	73	25	95	0.02	0.0	2.951	0.087	0	0	0	14
PL.11404	PL.4857	B	4ACSR	7.42Y	123.7	0.01	2.31	7.84	7	55	19	95	0.00	0.0	2.972	0.021	0	0	0	10
PL.11405	PL.11404	B	4ACSR	7.42Y	123.7	0.01	2.32	2.51	2	18	6	95	0.00	0.0	3.084	0.112	0	0	0	6
PL.11406	PL.11405	B	4ACSR	7.42Y	123.7	0.00	2.32	0.61	1	4	1	97	0.00	0.0	3.164	0.080	0	0	0	1
PL.17481	PL.11406	B	4ACSR	7.42Y	123.7	0.00	2.32	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	7.42Y	123.7	0.00	2.32	0.00	0	0	0	100	0.00	0.0	3.211	0.000	0	0	0	0
019257	PL.11406	B	Consumer	7.42Y	123.7	0.00	2.32	0.61	0	4	1	97	0.00	0.0	3.164	0.000	4	1	1	1
0192116	PL.11406	B	Consumer	7.42Y	123.7	0.00	2.32	0.00	0	0	0	100	0.00	0.0	3.164	0.000	0	0	0	0
019213	PL.11406	B	Consumer	7.42Y	123.7	0.00	2.32	0.00	0	0	0	100	0.00	0.0	3.164	0.000	0	0	0	0
019263	PL.11406	B	Consumer	7.42Y	123.7	0.00	2.32	0.00	0	0	0	100	0.00	0.0	3.164	0.000	0	0	0	0
019215	PL.11405	B	Consumer	7.42Y	123.7	0.00	2.32	0.45	0	3	1	95	0.00	0.0	3.084	0.000	3	1	1	1
019266	PL.11405	B	Consumer	7.42Y	123.7	0.00	2.32	0.09	0	1	0	100	0.00	0.0	3.084	0.000	1	0	1	1
019229	PL.11405	B	Consumer	7.42Y	123.7	0.00	2.32	0.58	0	4	1	97	0.00	0.0	3.084	0.000	4	1	1	1
019223	PL.11405	B	Consumer	7.42Y	123.7	0.00	2.32	0.51	0	4	1	97	0.00	0.0	3.084	0.000	4	1	1	1
019241	PL.11405	B	Consumer	7.42Y	123.7	0.00	2.32	0.27	0	2	1	89	0.00	0.0	3.084	0.000	2	1	1	1
PL.16692	PL.11404	B	4ACSR	7.42Y	123.7	0.00	2.31	5.34	4	37	13	94	0.00	0.0	2.977	0.005	0	0	0	4
C PD.1906	PL.16692	B	fuse6AMP	7.42Y	123.7	0.00	2.31	5.34	91	37	13	94	0.00	0.0	2.977	0.000	0	0	0	4 C
PL.16693	PD.1906	B	4ACSR	7.42Y	123.7	0.00	2.31	5.34	4	37	13	94	0.00	0.0	2.997	0.020	0	0	0	4
PL.4856	PL.16693	B	4ACSR	7.42Y	123.7	0.01	2.32	4.35	4	30	11	94	0.00	0.0	3.041	0.044	0	0	0	3
PL.1216	PL.4856	B	4ACSR	7.42Y	123.7	0.01	2.33	1.96	2	14	5	94	0.00	0.0	3.129	0.087	0	0	0	1
019239	PL.1216	B	Consumer	7.42Y	123.7	0.00	2.33	1.96	0	14	5	94	0.00	0.0	3.129	0.000	14	5	1	1
019256	PL.4856	B	Consumer	7.42Y	123.7	0.00	2.32	1.00	0	7	2	96	0.00	0.0	3.041	0.000	7	2	1	1
PL.16690	PL.4856	B	4ACSR	7.42Y	123.7	0.00	2.32	1.39	1	10	3	96	0.00	0.0	3.046	0.005	0	0	0	1
PD.1929	PL.16690	B	fuse6AMP	7.42Y	123.7	0.00	2.32	1.39	24	10	3	96	0.00	0.0	3.046	0.000	0	0	0	1
PL.16691	PD.1929	B	4ACSR	7.42Y	123.7	0.01	2.33	1.39	1	10	3	96	0.00	0.0	3.131	0.085	0	0	0	1
PL.1634	PL.16691	B	4ACSR	7.42Y	123.7	0.00	2.33	1.39	1	10	3	96	0.00	0.0	3.156	0.025	0	0	0	1
0192106	PL.1634	B	Consumer	7.42Y	123.7	0.00	2.33	1.39	0	10	3	96	0.00	0.0	3.156	0.000	10	3	1	1
019251	PL.16693	B	Consumer	7.42Y	123.7	0.00	2.31	0.99	0	7	2	96	0.00	0.0	2.997	0.000	7	2	1	1
019237	PL.4857	B	Consumer	7.42Y	123.7	0.00	2.30	0.13	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\SUMMER\PROPOSED SUMMER 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 element IDs like 019209, 019205, etc., with their respective electrical parameters.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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							
019384	PL.27547	C	Consumer	7.45Y	124.2	0.00	1.84	0.99	0	7	2	96	0.00	0.0	2.348	0.000	7	2	1	1
PL.24532	PL.27547	C	4ACSR	7.44Y	124.1	0.07	1.92	35.91	30	253	88	94	0.14	0.1	2.393	0.045	0	0	0	62
PL.24533	PL.24532	C	4ACSR	7.44Y	124.0	0.06	1.98	35.91	30	252	88	94	0.12	0.0	2.431	0.038	0	0	0	62
0193111	PL.24533	C	Consumer	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	2.431	0.000	0	0	0	0
019322	PL.24533	C	Consumer	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	2.431	0.000	0	0	0	0
019320	PL.24533	C	Consumer	7.44Y	124.0	0.00	1.98	0.67	0	5	2	93	0.00	0.0	2.431	0.000	5	2	1	1
PL.17848	PL.24533	C	4ACSR	7.44Y	124.0	0.01	1.99	35.24	30	248	86	94	0.02	0.0	2.438	0.006	0	0	0	61
C PD.1908	PL.17848	C	fuse6AMP	7.44Y	124.0	0.00	1.99	35.24	602	248	86	94	0.00	0.0	2.438	0.000	0	0	0	61 C
PL.17849	PD.1908	C	4ACSR	7.43Y	123.9	0.14	2.13	35.24	30	248	86	94	0.26	0.1	2.524	0.087	0	0	0	61
PL.27605	PL.17849	C	4ACSR	7.43Y	123.9	0.00	2.13	1.26	1	9	3	95	0.00	0.0	2.529	0.005	0	0	0	2
PD.1910	PL.27605	C	fuse6AMP	7.43Y	123.9	0.00	2.13	1.26	21	9	3	95	0.00	0.0	2.529	0.000	0	0	0	2
PL.27606	PD.1910	C	4ACSR	7.43Y	123.9	0.00	2.13	1.26	1	9	3	95	0.00	0.0	2.556	0.027	0	0	0	2
019321	PL.27606	C	Consumer	7.43Y	123.9	0.00	2.13	0.54	0	4	1	97	0.00	0.0	2.556	0.000	4	1	1	1
019323	PL.27606	C	Consumer	7.43Y	123.9	0.00	2.13	0.71	0	5	2	93	0.00	0.0	2.556	0.000	5	2	1	1
PL.1548	PL.17849	C	4ACSR	7.43Y	123.9	0.00	2.13	1.87	2	13	5	93	0.00	0.0	2.561	0.037	0	0	0	3
019317	PL.1548	C	Consumer	7.43Y	123.9	0.00	2.13	1.02	0	7	2	96	0.00	0.0	2.561	0.000	7	2	1	1
019318	PL.1548	C	Consumer	7.43Y	123.9	0.00	2.13	0.83	0	6	2	95	0.00	0.0	2.561	0.000	6	2	1	1
019319	PL.1548	C	Consumer	7.43Y	123.9	0.00	2.13	0.03	0	0	0	100	0.00	0.0	2.561	0.000	0	0	1	1
PL.27623	PL.17849	C	4ACSR	7.43Y	123.9	0.01	2.14	32.11	27	225	79	94	0.01	0.0	2.530	0.006	0	0	0	56
C PD.1909	PL.27623	C	fuse6AMP	7.43Y	123.9	0.00	2.14	32.11	549	225	79	94	0.00	0.0	2.530	0.000	0	0	0	56 C
PL.27624	PD.1909	C	4ACSR	7.43Y	123.8	0.04	2.17	32.11	27	225	79	94	0.06	0.0	2.555	0.025	0	0	0	56
PL.20108	PL.27624	C	4ACSR	7.43Y	123.8	0.01	2.18	30.87	26	217	76	94	0.01	0.0	2.561	0.006	0	0	0	54
C PD.1911	PL.20108	C	fuse6AMP	7.43Y	123.8	0.00	2.18	30.87	527	217	76	94	0.00	0.0	2.561	0.000	0	0	0	54 C
PL.29191	PD.1911	C	4ACSR	7.42Y	123.7	0.07	2.25	30.87	26	217	76	94	0.12	0.1	2.612	0.051	0	0	0	54
PL.28939	PL.29191	C	4ACSR	7.42Y	123.7	0.00	2.26	30.87	26	216	75	94	0.01	0.0	2.615	0.003	0	0	0	54
PL.28951	PL.28939	C	4ACSR	7.42Y	123.7	0.00	2.26	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	7.42Y	123.7	0.00	2.26	0.00	0	0	0	100	0.00	0.0	2.616	0.000	0	0	0	0
PL.29002	PL.28939	C	4ACSR	7.42Y	123.7	0.06	2.32	30.87	26	216	75	94	0.10	0.0	2.661	0.046	0	0	0	54
PL.4861	PL.29002	C	4ACSR	7.42Y	123.6	0.05	2.38	29.68	25	208	72	94	0.08	0.0	2.700	0.039	0	0	0	51
PL.6091	PL.4861	C	4ACSR	7.41Y	123.6	0.05	2.43	29.01	24	203	71	94	0.08	0.0	2.738	0.039	0	0	0	50
0193110	PL.6091	C	Consumer	7.41Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	2.738	0.000	0	0	0	0
019392	PL.6091	C	Consumer	7.41Y	123.6	0.00	2.43	0.75	0	5	2	93	0.00	0.0	2.738	0.000	5	2	1	1
PL.11734	PL.6091	C	4ACSR	7.41Y	123.5	0.11	2.53	28.27	24	198	69	94	0.16	0.1	2.820	0.082	0	0	0	49
PL.27753	PL.11734	C	4ACSR	7.40Y	123.4	0.06	2.59	28.01	24	196	68	94	0.09	0.0	2.869	0.049	0	0	0	48
C PD.1928	PL.27753	C	fuse6AMP	7.40Y	123.4	0.00	2.59	28.01	478	196	68	94	0.00	0.0	2.869	0.000	0	0	0	48 C
PL.27754	PD.1928	C	4ACSR	7.40Y	123.4	0.01	2.60	28.01	24	196	68	94	0.01	0.0	2.876	0.006	0	0	0	48
PL.4859	PL.27754	C	4ACSR	7.40Y	123.4	0.00	2.60	0.47	0	3	1	95	0.00	0.0	2.954	0.078	0	0	0	1
019344	PL.4859	C	Consumer	7.40Y	123.4	0.00	2.60	0.47	0	3	1	95	0.00	0.0	2.954	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
019352	PL.4859	C	Consumer	7.40Y	123.4	0.00	2.60	0.00	0	0	0	100	0.00	0.0	2.954	0.000	0	0	0	0
PL.4860	PL.4859	C	4ACSR	7.40Y	123.4	0.00	2.60	0.00	0	0	0	100	0.00	0.0	2.954	0.000	0	0	0	0
PL.17145	PL.27754	C	4ACSR	7.40Y	123.4	0.01	2.61	19.94	17	139	49	94	0.01	0.0	2.883	0.007	0	0	0	36
C PD.1927	PL.17145	C	fuse6AMP	7.40Y	123.4	0.00	2.61	19.94	341	139	49	94	0.00	0.0	2.883	0.000	0	0	0	36 C
PL.17146	PD.1927	C	4ACSR	7.40Y	123.3	0.07	2.68	19.94	17	139	49	94	0.08	0.1	2.965	0.082	0	0	0	36
PL.1223	PL.17146	C	4ACSR	7.40Y	123.3	0.00	2.68	1.30	1	9	3	95	0.00	0.0	2.987	0.022	0	0	0	2
019386	PL.1223	C	Consumer	7.40Y	123.3	0.00	2.68	1.30	0	9	3	95	0.00	0.0	2.987	0.000	9	3	1	1
0193101	PL.1223	C	Consumer	7.40Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	2.987	0.000	0	0	1	1
019348	PL.1223	C	Consumer	7.40Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	2.987	0.000	0	0	0	0
PL.11735	PL.17146	C	4ACSR	7.40Y	123.3	0.06	2.74	18.63	16	130	45	94	0.06	0.0	3.035	0.070	0	0	0	34
019351	PL.11735	C	Consumer	7.40Y	123.3	0.00	2.74	1.09	0	8	3	94	0.00	0.0	3.035	0.000	8	3	1	1
019337	PL.11735	C	Consumer	7.40Y	123.3	0.00	2.74	0.42	0	3	1	95	0.00	0.0	3.035	0.000	3	1	1	1
019339	PL.11735	C	Consumer	7.40Y	123.3	0.00	2.74	0.23	0	2	1	89	0.00	0.0	3.035	0.000	2	1	1	1
PL.17147	PL.11735	C	4ACSR	7.39Y	123.2	0.03	2.77	16.89	14	118	41	94	0.02	0.0	3.070	0.035	0	0	0	31
PD.146-A	PL.17147	C	Closed	7.39Y	123.2	0.00	2.77	16.89	0	118	41	94	0.00	0.0	3.070	0.000	0	0	0	31
PD.146-B	PD.146-A	C	Closed	7.39Y	123.2	0.00	2.77	16.89	0	118	41	94	0.00	0.0	3.070	0.000	0	0	0	31
PL.17148	PD.146-B	C	4ACSR	7.39Y	123.2	0.01	2.78	16.89	14	118	41	94	0.01	0.0	3.082	0.012	0	0	0	31
PL.11736	PL.17148	C	4ACSR	7.39Y	123.2	0.01	2.79	16.21	14	113	39	95	0.01	0.0	3.100	0.017	0	0	0	28
PL.5761	PL.11736	C	4ACSR	7.39Y	123.2	0.02	2.81	14.51	12	101	35	94	0.01	0.0	3.129	0.029	0	0	0	24
PL.11737	PL.5761	C	4ACSR	7.39Y	123.1	0.04	2.86	14.51	12	101	35	94	0.03	0.0	3.197	0.068	0	0	0	24
PL.11738	PL.11737	C	4ACSR	7.39Y	123.1	0.06	2.91	12.13	10	85	29	95	0.04	0.0	3.299	0.102	0	0	0	18
PL.14894	PL.11738	C	4ACSR	7.38Y	123.0	0.04	2.95	8.37	7	58	20	95	0.02	0.0	3.407	0.108	0	0	0	14
PD.500-B	PL.14894	C	Closed	7.38Y	123.0	0.00	2.95	8.37	0	58	20	95	0.00	0.0	3.407	0.000	0	0	0	14
PD.500-A	PD.500-B	C	Closed	7.38Y	123.0	0.00	2.95	8.37	0	58	20	95	0.00	0.0	3.407	0.000	0	0	0	14
PL.15490	PD.500-A	C	4ACSR	7.38Y	123.0	0.00	2.96	8.37	7	58	20	95	0.00	0.0	3.413	0.006	0	0	0	14
PL.11740	PL.15490	C	4ACSR	7.38Y	123.0	0.08	3.03	7.93	7	55	19	95	0.03	0.1	3.621	0.209	0	0	0	12
PL.11739	PL.11740	C	4ACSR	7.38Y	122.9	0.03	3.06	6.83	6	48	17	94	0.01	0.0	3.720	0.099	0	0	0	10
PL.11741	PL.11739	C	4ACSR	7.37Y	122.9	0.05	3.11	4.75	4	33	11	95	0.01	0.0	3.937	0.217	0	0	0	5
PL.34670	PL.11741	C	4ACSR	7.37Y	122.9	0.03	3.14	4.59	4	32	11	95	0.01	0.0	4.082	0.145	0	0	0	4
PL.34669	PL.34670	C	4ACSR	7.37Y	122.8	0.02	3.16	3.73	3	26	9	94	0.00	0.0	4.221	0.140	0	0	0	3
PL.15487	PL.34669	C	4ACSR	7.37Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	4.364	0.143	0	0	0	0
PL.34666	PL.34669	C	4ACSR	7.37Y	122.8	0.00	3.16	1.69	1	12	4	95	0.00	0.0	4.234	0.013	0	0	0	2
PD.4915	PL.34666	C	fuse6AMP	7.37Y	122.8	0.00	3.16	1.69	29	12	4	95	0.00	0.0	4.234	0.000	0	0	0	2
PL.34667	PD.4915	C	4ACSR	7.37Y	122.8	0.01	3.17	1.69	1	12	4	95	0.00	0.0	4.309	0.075	0	0	0	2
PL.4766	PL.34667	C	4ACSR	7.37Y	122.8	0.01	3.18	1.26	1	9	3	95	0.00	0.0	4.414	0.105	0	0	0	1
071340	PL.4766	C	Consumer	7.37Y	122.8	0.00	3.18	1.26	0	9	3	95	0.00	0.0	4.414	0.000	9	3	1	1
071337	PL.34667	C	Consumer	7.37Y	122.8	0.00	3.17	0.43	0	3	1	95	0.00	0.0	4.309	0.000	3	1	1	1
PL.34664	PL.34669	C	4ACSR	7.37Y	122.8	0.00	3.16	2.03	2	14	5	94	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\SUMMER\PROPOSED SUMMER 06-10 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	7.37Y	122.8	0.00	3.16	2.03	35	14	5	94	0.00	0.0	4.230	0.000	0	0	0	1
PL.34665	PD.4914	C	4ACSR	7.37Y	122.8	0.01	3.17	2.03	2	14	5	94	0.00	0.0	4.296	0.066	0	0	0	1
071306	PL.34665	C	Consumer	7.37Y	122.8	0.00	3.17	2.03	0	14	5	94	0.00	0.0	4.296	0.000	14	5	1	1
PL.34671	PL.34670	C	2ACSR	7.37Y	122.9	0.00	3.14	0.87	1	6	2	95	0.00	0.0	4.086	0.005	0	0	0	1
PD.4916	PL.34671	C	fuse6AMP	7.37Y	122.9	0.00	3.14	0.87	15	6	2	95	0.00	0.0	4.086	0.000	0	0	0	1
PL.34672	PD.4916	C	2ACSR	7.37Y	122.9	0.00	3.14	0.87	1	6	2	95	0.00	0.0	4.139	0.053	0	0	0	1
071348	PL.34672	C	Consumer	7.37Y	122.9	0.00	3.14	0.87	0	6	2	95	0.00	0.0	4.139	0.000	6	2	1	1
PL.34673	PL.11741	C	4ACSR	7.37Y	122.9	0.00	3.11	0.15	0	1	0	100	0.00	0.0	3.944	0.007	0	0	0	1
PD.4917	PL.34673	C	fuse6AMP	7.37Y	122.9	0.00	3.11	0.15	3	1	0	100	0.00	0.0	3.944	0.000	0	0	0	1
PL.34674	PD.4917	C	4ACSR	7.37Y	122.9	0.00	3.11	0.15	0	1	0	100	0.00	0.0	4.030	0.087	0	0	0	1
PL.8139	PL.34674	C	4ACSR	7.37Y	122.9	0.00	3.11	0.15	0	1	0	100	0.00	0.0	4.067	0.037	0	0	0	1
PL.8140	PL.8139	C	4ACSR	7.37Y	122.9	0.00	3.11	0.15	0	1	0	100	0.00	0.0	4.206	0.139	0	0	0	1
070303	PL.8140	C	Consumer	7.37Y	122.9	0.00	3.11	0.15	0	1	0	100	0.00	0.0	4.206	0.000	1	0	1	1
071332	PL.8139	C	Consumer	7.37Y	122.9	0.00	3.11	0.00	0	0	0	100	0.00	0.0	4.067	0.000	0	0	0	0
PL.24264	PL.11739	C	4ACSR	7.38Y	122.9	0.01	3.07	2.08	2	15	5	95	0.00	0.0	3.805	0.085	0	0	0	4
070310	PL.24264	C	Consumer	7.38Y	122.9	0.00	3.07	0.06	0	0	0	100	0.00	0.0	3.805	0.000	0	0	1	1
070307	PL.24264	C	Consumer	7.38Y	122.9	0.00	3.07	0.40	0	3	1	95	0.00	0.0	3.805	0.000	3	1	1	1
070306	PL.24264	C	Consumer	7.38Y	122.9	0.00	3.07	0.97	0	7	2	96	0.00	0.0	3.805	0.000	7	2	1	1
070304	PL.24264	C	Consumer	7.38Y	122.9	0.00	3.07	0.66	0	5	2	93	0.00	0.0	3.805	0.000	5	2	1	1
070309	PL.11739	C	Consumer	7.38Y	122.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	3.720	0.000	0	0	1	1
PL.34679	PL.11740	C	4ACSR	7.38Y	123.0	0.00	3.03	1.10	1	8	3	94	0.00	0.0	3.625	0.004	0	0	0	2
PD.4920	PL.34679	C	fuse6AMP	7.38Y	123.0	0.00	3.03	1.10	19	8	3	94	0.00	0.0	3.625	0.000	0	0	0	2
PL.34680	PD.4920	C	4ACSR	7.38Y	123.0	0.00	3.04	1.10	1	8	3	94	0.00	0.0	3.711	0.086	0	0	0	2
070316	PL.34680	C	Consumer	7.38Y	123.0	0.00	3.04	0.19	0	1	0	100	0.00	0.0	3.711	0.000	1	0	1	1
070305	PL.34680	C	Consumer	7.38Y	123.0	0.00	3.04	0.91	0	6	2	95	0.00	0.0	3.711	0.000	6	2	1	1
PL.34681	PL.15490	C	4ACSR	7.38Y	123.0	0.00	2.96	0.44	0	3	1	95	0.00	0.0	3.417	0.005	0	0	0	2
PD.4921	PL.34681	C	fuse6AMP	7.38Y	123.0	0.00	2.96	0.44	8	3	1	95	0.00	0.0	3.417	0.000	0	0	0	2
PL.34682	PD.4921	C	4ACSR	7.38Y	123.0	0.00	2.96	0.44	0	3	1	95	0.00	0.0	3.486	0.069	0	0	0	2
PL.8143	PL.34682	C	4ACSR	7.38Y	123.0	0.00	2.96	0.44	0	3	1	95	0.00	0.0	3.504	0.018	0	0	0	2
PL.8144	PL.8143	C	4ACSR	7.38Y	123.0	0.00	2.96	0.44	0	3	1	95	0.00	0.0	3.568	0.064	0	0	0	1
070308	PL.8144	C	Consumer	7.38Y	123.0	0.00	2.96	0.44	0	3	1	95	0.00	0.0	3.568	0.000	3	1	1	1
070314	PL.8143	C	Consumer	7.38Y	123.0	0.00	2.96	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	123.1	0.00	2.91	1.89	2	13	5	93	0.00	0.0	3.317	0.018	0	0	0	2
PD.4904	PL.34646	C	fuse6AMP	7.39Y	123.1	0.00	2.91	1.89	32	13	5	93	0.00	0.0	3.317	0.000	0	0	0	2
PL.34647	PD.4904	C	4ACSR	7.38Y	123.1	0.01	2.92	1.89	2	13	5	93	0.00	0.0	3.442	0.126	0	0	0	2
070313	PL.34647	C	Consumer	7.38Y	123.1	0.00	2.92	1.27	0	9	3	95	0.00	0.0	3.442	0.000	9	3	1	1
PL.4768	PL.34647	C	4ACSR	7.38Y	123.1	0.00	2.93	0.62	1	4	2	89	0.00	0.0	3.504	0.062	0	0	0	1
070324	PL.4768	C	Consumer	7.38Y	123.1	0.00	2.93	0.62	0	4	2	89	0.00	0.0	3.504	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
070311	PL.11738	C	Consumer	7.39Y	123.1	0.00	2.91	1.21	0	8	3	94	0.00	0.0	3.299	0.000	8	3	1	1
070315	PL.11738	C	Consumer	7.39Y	123.1	0.00	2.91	0.65	0	5	2	93	0.00	0.0	3.299	0.000	5	2	1	1
070319	PL.11737	C	Consumer	7.39Y	123.1	0.00	2.86	0.31	0	2	1	89	0.00	0.0	3.197	0.000	2	1	1	1
070323	PL.11737	C	Consumer	7.39Y	123.1	0.00	2.86	0.01	0	0	0	100	0.00	0.0	3.197	0.000	0	0	1	1
070312	PL.11737	C	Consumer	7.39Y	123.1	0.00	2.86	0.51	0	4	1	97	0.00	0.0	3.197	0.000	4	1	1	1
070317	PL.11737	C	Consumer	7.39Y	123.1	0.00	2.86	0.60	0	4	1	97	0.00	0.0	3.197	0.000	4	1	1	1
070318	PL.11737	C	Consumer	7.39Y	123.1	0.00	2.86	0.45	0	3	1	95	0.00	0.0	3.197	0.000	3	1	1	1
PL.34644	PL.11737	C	4ACSR	7.39Y	123.1	0.00	2.86	0.50	0	3	1	95	0.00	0.0	3.205	0.009	0	0	0	1
PD.4903	PL.34644	C	fuse6AMP	7.39Y	123.1	0.00	2.86	0.50	8	3	1	95	0.00	0.0	3.205	0.000	0	0	0	1
PL.34645	PD.4903	C	4ACSR	7.39Y	123.1	0.00	2.86	0.50	0	3	1	95	0.00	0.0	3.278	0.073	0	0	0	1
070321	PL.34645	C	Consumer	7.39Y	123.1	0.00	2.86	0.50	0	3	1	95	0.00	0.0	3.278	0.000	3	1	1	1
019365	PL.11736	C	Consumer	7.39Y	123.2	0.00	2.79	0.01	0	0	0	100	0.00	0.0	3.100	0.000	0	0	1	1
019378	PL.11736	C	Consumer	7.39Y	123.2	0.00	2.79	0.34	0	2	1	89	0.00	0.0	3.100	0.000	2	1	1	1
019381	PL.11736	C	Consumer	7.39Y	123.2	0.00	2.79	0.38	0	3	1	95	0.00	0.0	3.100	0.000	3	1	1	1
019380	PL.11736	C	Consumer	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	3.100	0.000	0	0	0	0
019382	PL.11736	C	Consumer	7.39Y	123.2	0.00	2.79	0.98	0	7	2	96	0.00	0.0	3.100	0.000	7	2	1	1
0193108	PL.17148	C	Consumer	7.39Y	123.2	0.00	2.78	0.08	0	1	0	100	0.00	0.0	3.082	0.000	1	0	1	1
019369	PL.17148	C	Consumer	7.39Y	123.2	0.00	2.78	0.46	0	3	1	95	0.00	0.0	3.082	0.000	3	1	1	1
019389	PL.17148	C	Consumer	7.39Y	123.2	0.00	2.78	0.14	0	1	0	100	0.00	0.0	3.082	0.000	1	0	1	1
PL.1225	PL.27754	C	4ACSR	7.40Y	123.4	0.01	2.61	6.33	5	44	15	95	0.00	0.0	2.911	0.035	0	0	0	9
PL.5762	PL.1225	C	4ACSR	7.40Y	123.4	0.01	2.63	6.33	5	44	15	95	0.00	0.0	2.957	0.046	0	0	0	9
PL.5763	PL.5762	C	4ACSR	7.40Y	123.4	0.00	2.63	5.89	5	41	14	95	0.00	0.0	2.969	0.012	0	0	0	8
PL.5764	PL.5763	C	4ACSR	7.40Y	123.4	0.02	2.64	5.19	4	36	13	94	0.00	0.0	3.035	0.066	0	0	0	6
019390	PL.5764	C	Consumer	7.40Y	123.4	0.00	2.64	0.34	0	2	1	89	0.00	0.0	3.035	0.000	2	1	1	1
019356	PL.5764	C	Consumer	7.40Y	123.4	0.00	2.64	0.00	0	0	0	100	0.00	0.0	3.035	0.000	0	0	0	0
PL.4855	PL.5764	C	4ACSR	7.40Y	123.3	0.01	2.65	4.85	4	34	12	94	0.00	0.0	3.063	0.028	0	0	0	5
019396	PL.4855	C	Consumer	7.40Y	123.3	0.00	2.65	0.99	0	7	2	96	0.00	0.0	3.063	0.000	7	2	1	1
019373	PL.4855	C	Consumer	7.40Y	123.3	0.00	2.65	1.11	0	8	3	94	0.00	0.0	3.063	0.000	8	3	1	1
019374	PL.4855	C	Consumer	7.40Y	123.3	0.00	2.65	1.27	0	9	3	95	0.00	0.0	3.063	0.000	9	3	1	1
PL.1221	PL.4855	C	4ACSR	7.40Y	123.3	0.00	2.65	1.47	1	10	4	93	0.00	0.0	3.092	0.028	0	0	0	2
PL.4486	PL.1221	C	4ACSR	7.40Y	123.3	0.00	2.65	1.47	1	10	4	93	0.00	0.0	3.093	0.001	0	0	0	2
019367	PL.4486	C	Consumer	7.40Y	123.3	0.00	2.65	0.91	0	6	2	95	0.00	0.0	3.093	0.000	6	2	1	1
PL.4487	PL.4486	C	4ACSR	7.40Y	123.3	0.00	2.65	0.56	0	4	1	97	0.00	0.0	3.099	0.006	0	0	0	1
PL.8149	PL.4487	C	4ACSR	7.40Y	123.3	0.00	2.65	0.56	0	4	1	97	0.00	0.0	3.120	0.021	0	0	0	1
PL.8150	PL.8149	C	4ACSR	7.40Y	123.3	0.00	2.65	0.00	0	0	0	100	0.00	0.0	3.120	0.000	0	0	0	0
070322	PL.8149	C	Consumer	7.40Y	123.3	0.00	2.65	0.56	0	4	1	97	0.00	0.0	3.120	0.000	4	1	1	1
019358	PL.5763	C	Consumer	7.40Y	123.4	0.00	2.63	0.40	0	3	1	95	0.00	0.0	2.969	0.000	3	1	1	1
0193122	PL.5763	C	Consumer	7.40Y	123.4	0.00	2.63	0.30	0	2	1	89	0.00	0.0	2.969	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
019379	PL.5763	C	Consumer	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	2.969	0.000	0	0	0	0
019331	PL.5762	C	Consumer	7.40Y	123.4	0.00	2.63	0.44	0	3	1	95	0.00	0.0	2.957	0.000	3	1	1	1
019368	PL.27754	C	Consumer	7.40Y	123.4	0.00	2.60	0.69	0	5	2	93	0.00	0.0	2.876	0.000	5	2	1	1
019350	PL.27754	C	Consumer	7.40Y	123.4	0.00	2.60	0.59	0	4	1	97	0.00	0.0	2.876	0.000	4	1	1	1
0193102	PL.11734	C	Consumer	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	2.820	0.000	0	0	0	0
019376	PL.11734	C	Consumer	7.41Y	123.5	0.00	2.53	0.26	0	2	1	89	0.00	0.0	2.820	0.000	2	1	1	1
019359	PL.11734	C	Consumer	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	2.820	0.000	0	0	0	0
019301	PL.11734	C	Consumer	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	2.820	0.000	0	0	0	0
PL.1635	PL.11734	C	4ACSR	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	2.863	0.043	0	0	0	0
0193115	PL.1635	C	Consumer	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	2.863	0.000	0	0	0	0
PL.17000	PL.6091	C	4ACSR	7.41Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	2.747	0.009	0	0	0	0
PD.1926	PL.17000	C	fuse6AMP	7.41Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	2.747	0.000	0	0	0	0
PL.17001	PD.1926	C	4ACSR	7.41Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	2.829	0.082	0	0	0	0
0193112	PL.17001	C	Consumer	7.41Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	2.829	0.000	0	0	0	0
0193100	PL.4861	C	Consumer	7.42Y	123.6	0.00	2.38	0.67	0	5	2	93	0.00	0.0	2.700	0.000	5	2	1	1
019338	PL.29002	C	Consumer	7.42Y	123.7	0.00	2.32	0.21	0	1	1	71	0.00	0.0	2.661	0.000	1	1	1	1
019371	PL.29002	C	Consumer	7.42Y	123.7	0.00	2.32	0.58	0	4	1	97	0.00	0.0	2.661	0.000	4	1	1	1
019361	PL.29002	C	Consumer	7.42Y	123.7	0.00	2.32	0.40	0	3	1	95	0.00	0.0	2.661	0.000	3	1	1	1
PL.1546	PL.27624	C	4ACSR	7.43Y	123.8	0.00	2.17	1.24	1	9	3	95	0.00	0.0	2.579	0.024	0	0	0	2
PL.1547	PL.1546	C	4ACSR	7.43Y	123.8	0.00	2.18	1.24	1	9	3	95	0.00	0.0	2.615	0.036	0	0	0	2
019342	PL.1547	C	Consumer	7.43Y	123.8	0.00	2.18	0.91	0	6	2	95	0.00	0.0	2.615	0.000	6	2	1	1
019324	PL.1547	C	Consumer	7.43Y	123.8	0.00	2.18	0.33	0	2	1	89	0.00	0.0	2.615	0.000	2	1	1	1
PL.27544	PL.72	A	4ACSR	7.47Y	124.5	0.01	1.50	13.33	11	94	33	94	0.00	0.0	2.263	0.009	0	0	0	19
PD.151-A	PL.27544	A	Closed	7.47Y	124.5	0.00	1.50	13.33	0	94	33	94	0.00	0.0	2.263	0.000	0	0	0	19
PD.151-B	PD.151-A	A	Closed	7.47Y	124.5	0.00	1.50	13.33	0	94	33	94	0.00	0.0	2.263	0.000	0	0	0	19
PL.27545	PD.151-B	A	4ACSR	7.47Y	124.5	0.01	1.51	13.33	11	94	33	94	0.01	0.0	2.285	0.022	0	0	0	19
019340	PL.27545	A	Consumer	7.47Y	124.5	0.00	1.51	0.90	0	6	2	95	0.00	0.0	2.285	0.000	6	2	1	1
PL.11723	PL.27545	A	4ACSR	7.46Y	124.4	0.11	1.62	12.43	10	88	30	95	0.07	0.1	2.474	0.189	0	0	0	18
PL.28071	PL.11723	A	4ACSR	7.46Y	124.4	0.00	1.62	0.32	0	2	1	89	0.00	0.0	2.482	0.008	0	0	0	1
PD.1912	PL.28071	A	fuse6AMP	7.46Y	124.4	0.00	1.62	0.32	5	2	1	89	0.00	0.0	2.482	0.000	0	0	0	1
PL.28072	PD.1912	A	4ACSR	7.46Y	124.4	0.00	1.62	0.32	0	2	1	89	0.00	0.0	2.561	0.079	0	0	0	1
PL.11724	PL.28072	A	4ACSR	7.46Y	124.4	0.00	1.62	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	124.4	0.00	1.62	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	124.4	0.00	1.62	0.32	0	2	1	89	0.00	0.0	2.588	0.027	0	0	0	1
019393	PL.1633	A	Consumer	7.46Y	124.4	0.00	1.62	0.32	0	2	1	89	0.00	0.0	2.588	0.000	2	1	1	1
PL.6092	PL.11723	A	4ACSR	7.46Y	124.4	0.01	1.62	7.12	6	50	17	95	0.00	0.0	2.502	0.028	0	0	0	8
PL.11727	PL.6092	A	4ACSR	7.46Y	124.4	0.01	1.64	4.50	4	32	11	95	0.00	0.0	2.568	0.066	0	0	0	6
019341	PL.11727	A	Consumer	7.46Y	124.4	0.00	1.64	0.84	0	6	2	95	0.00	0.0	2.568	0.000	6	2	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.11726	PL.11727	A	4ACSR	7.46Y	124.4	0.00	1.64	3.66	3	26	9	94	0.00	0.0	2.591	0.023	0	0	0	5
PL.11728	PL.11726	A	4ACSR	7.46Y	124.4	0.00	1.64	3.66	3	26	9	94	0.00	0.0	2.605	0.014	0	0	0	5
PL.11729	PL.11728	A	4ACSR	7.46Y	124.3	0.01	1.65	2.10	2	15	5	95	0.00	0.0	2.674	0.069	0	0	0	3
019304	PL.11729	A	Consumer	7.46Y	124.3	0.00	1.65	0.78	0	6	2	95	0.00	0.0	2.674	0.000	6	2	1	1
PL.11730	PL.11729	A	4ACSR	7.46Y	124.3	0.00	1.65	1.32	1	9	3	95	0.00	0.0	2.691	0.017	0	0	0	2
PL.1229	PL.11730	A	4ACSR	7.46Y	124.3	0.00	1.65	0.00	0	0	0	100	0.00	0.0	2.708	0.017	0	0	0	0
PL.11731	PL.11730	A	4ACSR	7.46Y	124.3	0.00	1.65	1.32	1	9	3	95	0.00	0.0	2.726	0.035	0	0	0	2
PL.24273	PL.11731	A	4ACSR	7.46Y	124.3	0.00	1.66	1.32	1	9	3	95	0.00	0.0	2.781	0.055	0	0	0	2
PL.40644	PL.24273	A	2ACSR	7.46Y	124.3	0.00	1.66	0.10	0	1	0	100	0.00	0.0	2.823	0.042	0	0	0	1
0703026	PL.40644	A	Consumer	7.46Y	124.3	0.00	1.66	0.10	0	1	0	100	0.00	0.0	2.823	0.000	1	0	1	1
0703025	PL.24273	A	Consumer	7.46Y	124.3	0.00	1.66	1.21	0	9	3	95	0.00	0.0	2.781	0.000	9	3	1	1
PL.31475	PL.11728	A	4ACSR	7.46Y	124.4	0.00	1.65	1.56	1	11	4	94	0.00	0.0	2.618	0.013	0	0	0	1
0193119	PL.31475	A	Consumer	7.46Y	124.4	0.00	1.65	1.56	0	11	4	94	0.00	0.0	2.618	0.000	11	4	1	1
0193116	PL.11728	A	Consumer	7.46Y	124.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	2.605	0.000	0	0	1	1
019394	PL.6092	A	Consumer	7.46Y	124.4	0.00	1.62	0.76	0	5	2	93	0.00	0.0	2.502	0.000	5	2	1	1
019395	PL.6092	A	Consumer	7.46Y	124.4	0.00	1.62	1.86	0	13	5	93	0.00	0.0	2.502	0.000	13	5	1	1
PL.16900	PL.11723	A	4ACSR	7.46Y	124.4	0.00	1.62	4.78	4	34	12	94	0.00	0.0	2.483	0.009	0	0	0	8
C PD.1925	PL.16900	A	fuse6AMP	7.46Y	124.4	0.00	1.62	4.78	82	34	12	94	0.00	0.0	2.483	0.000	0	0	0	8 C
PL.16901	PD.1925	A	4ACSR	7.46Y	124.4	0.01	1.63	4.78	4	34	12	94	0.00	0.0	2.524	0.041	0	0	0	8
0193107	PL.16901	A	Consumer	7.46Y	124.4	0.00	1.63	0.11	0	1	0	100	0.00	0.0	2.524	0.000	1	0	1	1
0193106	PL.16901	A	Consumer	7.46Y	124.4	0.00	1.63	1.21	0	9	3	95	0.00	0.0	2.524	0.000	9	3	1	1
0193109	PL.16901	A	Consumer	7.46Y	124.4	0.00	1.63	0.02	0	0	0	100	0.00	0.0	2.524	0.000	0	0	1	1
PL.1222	PL.16901	A	4ACSR	7.46Y	124.4	0.01	1.63	1.89	2	13	5	93	0.00	0.0	2.597	0.073	0	0	0	2
PL.1224	PL.1222	A	4ACSR	7.46Y	124.4	0.00	1.64	0.99	1	7	2	96	0.00	0.0	2.683	0.086	0	0	0	1
019397	PL.1224	A	Consumer	7.46Y	124.4	0.00	1.64	0.99	0	7	2	96	0.00	0.0	2.683	0.000	7	2	1	1
019355	PL.1222	A	Consumer	7.46Y	124.4	0.00	1.63	0.89	0	6	2	95	0.00	0.0	2.597	0.000	6	2	1	1
PL.11725	PL.16901	A	4ACSR	7.46Y	124.4	0.01	1.64	1.56	1	11	4	94	0.00	0.0	2.676	0.152	0	0	0	3
PL.11732	PL.11725	A	4ACSR	7.46Y	124.4	0.00	1.64	1.56	1	11	4	94	0.00	0.0	2.730	0.054	0	0	0	3
PL.11733	PL.11732	A	4ACSR	7.46Y	124.4	0.00	1.64	0.06	0	0	0	100	0.00	0.0	2.745	0.014	0	0	0	1
PL.17144	PL.11733	A	4ACSR	7.46Y	124.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	2.756	0.012	0	0	0	0
PL.28950	PL.17144	A	4ACSR	7.46Y	124.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	2.762	0.006	0	0	0	0
PD.3661-A	PL.28950	A	Open	7.46Y	124.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	2.762	0.000	0	0	0	0
019391	PL.11733	A	Consumer	7.46Y	124.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	2.745	0.000	0	0	0	0
019354	PL.11733	A	Consumer	7.46Y	124.4	0.00	1.64	0.06	0	0	0	100	0.00	0.0	2.745	0.000	0	0	1	1
0193114	PL.11732	A	Consumer	7.46Y	124.4	0.00	1.64	0.55	0	4	1	97	0.00	0.0	2.730	0.000	4	1	1	1
019346	PL.11732	A	Consumer	7.46Y	124.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	2.730	0.000	0	0	0	0
0193113	PL.11732	A	Consumer	7.46Y	124.4	0.00	1.64	0.95	0	7	2	96	0.00	0.0	2.730	0.000	7	2	1	1
019399	PL.11723	A	Consumer	7.46Y	124.4	0.00	1.62	0.20	0	1	0	100	0.00	0.0	2.474	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.18932	PL.17851	C	4ACSR	7.46Y	124.4	0.00	1.63	0.82	1	6	2	95	0.00	0.0	2.234	0.010	0	0	0	1
PD.1923	PL.18932	C	fuse6AMP	7.46Y	124.4	0.00	1.63	0.82	14	6	2	95	0.00	0.0	2.234	0.000	0	0	0	1
PL.18931	PD.1923	C	4ACSR	7.46Y	124.4	0.00	1.63	0.82	1	6	2	95	0.00	0.0	2.274	0.040	0	0	0	1
019364	PL.18931	C	Consumer	7.46Y	124.4	0.00	1.63	0.00	0	0	0	100	0.00	0.0	2.274	0.000	0	0	0	0
0193104	PL.18931	C	Consumer	7.46Y	124.4	0.00	1.63	0.82	0	6	2	95	0.00	0.0	2.274	0.000	6	2	1	1
PL.17853	PL.17851	A	4ACSR	7.47Y	124.5	0.00	1.48	0.56	0	4	1	97	0.00	0.0	2.235	0.011	0	0	0	1
PD.1924	PL.17853	A	fuse6AMP	7.47Y	124.5	0.00	1.48	0.56	9	4	1	97	0.00	0.0	2.235	0.000	0	0	0	1
PL.17852	PD.1924	A	4ACSR	7.47Y	124.5	0.00	1.48	0.56	0	4	1	97	0.00	0.0	2.253	0.018	0	0	0	1
019316	PL.17852	A	Consumer	7.47Y	124.5	0.00	1.48	0.56	0	4	1	97	0.00	0.0	2.253	0.000	4	1	1	1
PL.27548	PL.4864	A	4ACSR	7.47Y	124.6	0.00	1.45	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	124.6	0.00	1.45	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	124.6	0.00	1.45	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	124.6	0.00	1.45	0.16	0	1	0	100	0.00	0.0	2.112	0.000	1	0	1	1
		C		7.47Y	124.6	0.00	1.43	0.16	0	1	0	94					1	0	1	1
018359	PL.4864	C	Consumer	7.47Y	124.6	0.00	1.43	0.98	0	7	2	96	0.00	0.0	2.112	0.000	7	2	1	1
019311	PL.4864	C	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	2.112	0.000	0	0	1	1
SRL.5405	PL.4864	A	Consumer	7.47Y	124.6	0.00	1.45	0.00	0	0	0	100	0.00	0.0	2.112	0.000	0	0	0	0
018322	PL.11719	C	Consumer	7.48Y	124.7	0.00	1.31	0.93	0	7	2	96	0.00	0.0	1.926	0.000	7	2	1	1
018350	PL.11719	A	Consumer	7.48Y	124.6	0.00	1.39	0.30	0	2	1	89	0.00	0.0	1.926	0.000	2	1	1	1
018363	PL.11719	A	Consumer	7.48Y	124.6	0.00	1.39	1.47	0	10	4	93	0.00	0.0	1.926	0.000	10	4	1	1
018304	PL.11719	B	Consumer	7.45Y	124.2	0.00	1.84	0.44	0	3	1	95	0.00	0.0	1.926	0.000	3	1	1	1
PL.16902	PL.11719	B	4ACSR	7.45Y	124.2	0.00	1.84	2.88	2	20	7	94	0.00	0.0	1.930	0.005	0	0	0	5
PD.1803	PL.16902	B	fuse6AMP	7.45Y	124.2	0.00	1.84	2.88	49	20	7	94	0.00	0.0	1.930	0.000	0	0	0	5
PL.16903	PD.1803	B	4ACSR	7.45Y	124.1	0.01	1.85	2.88	2	20	7	94	0.00	0.0	2.026	0.096	0	0	0	5
PL.33972	PL.16903	B	2ACSR	7.45Y	124.1	0.00	1.85	0.04	0	0	0	100	0.00	0.0	2.107	0.081	0	0	0	1
0183133	PL.33972	B	Consumer	7.45Y	124.1	0.00	1.85	0.04	0	0	0	100	0.00	0.0	2.107	0.000	0	0	1	1
PL.1565	PL.16903	B	4ACSR	7.45Y	124.1	0.00	1.86	0.66	1	5	2	93	0.00	0.0	2.083	0.057	0	0	0	1
018310	PL.1565	B	Consumer	7.45Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	2.083	0.000	0	0	0	0
018398	PL.1565	B	Consumer	7.45Y	124.1	0.00	1.86	0.66	0	5	2	93	0.00	0.0	2.083	0.000	5	2	1	1
018309	PL.16903	B	Consumer	7.45Y	124.1	0.00	1.85	0.59	0	4	1	97	0.00	0.0	2.026	0.000	4	1	1	1
018308	PL.16903	B	Consumer	7.45Y	124.1	0.00	1.85	0.56	0	4	1	97	0.00	0.0	2.026	0.000	4	1	1	1
0183109	PL.16903	B	Consumer	7.45Y	124.1	0.00	1.85	1.03	0	7	3	92	0.00	0.0	2.026	0.000	7	3	1	1
018351	PL.5831	B	Consumer	7.45Y	124.2	0.00	1.79	0.00	0	0	0	100	0.00	0.0	1.816	0.000	0	0	0	0
018380	PL.5831	A	Consumer	7.48Y	124.6	0.00	1.35	0.00	0	0	0	100	0.00	0.0	1.816	0.000	0	0	0	0
0183114	PL.5831	C	Consumer	7.48Y	124.7	0.00	1.27	0.38	0	3	1	95	0.00	0.0	1.816	0.000	3	1	1	1
PL.1197	PL.4865	B	4ACSR	7.46Y	124.3	0.01	1.73	7.67	6	54	19	94	0.00	0.0	1.711	0.021	0	0	0	12
C PD.1905	PL.1197	B	fuse6AMP	7.46Y	124.3	0.00	1.73	7.67	131	54	19	94	0.00	0.0	1.711	0.000	0	0	0	12 C
PL.5828	PD.1905	B	4ACSR	7.46Y	124.3	0.01	1.74	7.67	6	54	19	94	0.00	0.0	1.735	0.024	0	0	0	12
PL.5829	PL.5828	B	4ACSR	7.46Y	124.3	0.00	1.74	7.67	6	54	19	94	0.00	0.0	1.745	0.010	0	0	0	12

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.1553	PL.5829	B	4ACSR	7.46Y	124.3	0.00	1.74	0.00	0	0	0	0	100	0.00	0.0	1.781	0.036	0	0	0	0
018328	PL.1553	B	Consumer	7.46Y	124.3	0.00	1.74	0.00	0	0	0	0	100	0.00	0.0	1.781	0.000	0	0	0	0
PL.1557	PL.5829	B	4ACSR	7.45Y	124.2	0.01	1.75	7.67	6	54	19	94	0.00	0.0	1.775	0.030	0	0	0	12	
PL.1556	PL.1557	B	4ACSR	7.45Y	124.2	0.00	1.76	4.42	4	31	11	94	0.00	0.0	1.800	0.024	0	0	0	8	
PL.5826	PL.1556	B	4ACSR	7.45Y	124.2	0.00	1.76	3.52	3	25	9	94	0.00	0.0	1.826	0.026	0	0	0	6	
018319	PL.5826	B	Consumer	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	1.826	0.000	0	0	0	0	
PL.5827	PL.5826	B	4ACSR	7.45Y	124.2	0.00	1.76	3.52	3	25	9	94	0.00	0.0	1.831	0.005	0	0	0	6	
PL.1554	PL.5827	B	4ACSR	7.45Y	124.2	0.00	1.76	1.70	1	12	4	95	0.00	0.0	1.852	0.022	0	0	0	2	
PL.1555	PL.1554	B	4ACSR	7.45Y	124.2	0.01	1.77	1.70	1	12	4	95	0.00	0.0	1.924	0.071	0	0	0	2	
PL.1558	PL.1555	B	4ACSR	7.45Y	124.2	0.00	1.77	1.70	1	12	4	95	0.00	0.0	1.982	0.058	0	0	0	2	
018368	PL.1558	B	Consumer	7.45Y	124.2	0.00	1.77	1.27	0	9	3	95	0.00	0.0	1.982	0.000	9	3	1	1	
018385	PL.1558	B	Consumer	7.45Y	124.2	0.00	1.77	0.42	0	3	1	95	0.00	0.0	1.982	0.000	3	1	1	1	
PL.1559	PL.1558	B	4ACSR	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	2.039	0.057	0	0	0	0	
PL.1560	PL.1559	B	4ACSR	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	2.114	0.074	0	0	0	0	
PL.20284	PL.5827	B	4ACSR	7.45Y	124.2	0.00	1.76	1.82	2	13	4	96	0.00	0.0	1.848	0.017	0	0	0	4	
018372	PL.20284	B	Consumer	7.45Y	124.2	0.00	1.76	0.01	0	0	0	100	0.00	0.0	1.848	0.000	0	0	1	1	
018390	PL.20284	B	Consumer	7.45Y	124.2	0.00	1.76	0.38	0	3	1	95	0.00	0.0	1.848	0.000	3	1	1	1	
PL.20285	PL.20284	B	4ACSR	7.45Y	124.2	0.00	1.77	1.44	1	10	4	93	0.00	0.0	1.875	0.027	0	0	0	2	
018366	PL.20285	B	Consumer	7.45Y	124.2	0.00	1.77	0.94	0	7	2	96	0.00	0.0	1.875	0.000	7	2	1	1	
018394	PL.20285	B	Consumer	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	1.875	0.000	0	0	0	0	
018365	PL.20285	B	Consumer	7.45Y	124.2	0.00	1.77	0.50	0	3	1	95	0.00	0.0	1.875	0.000	3	1	1	1	
0183104	PL.1556	B	Consumer	7.45Y	124.2	0.00	1.76	0.40	0	3	1	95	0.00	0.0	1.800	0.000	3	1	1	1	
0183130	PL.1556	B	Consumer	7.45Y	124.2	0.00	1.76	0.49	0	3	1	95	0.00	0.0	1.800	0.000	3	1	1	1	
018388	PL.1557	B	Consumer	7.45Y	124.2	0.00	1.75	0.00	0	0	0	100	0.00	0.0	1.775	0.000	0	0	0	0	
018364	PL.1557	B	Consumer	7.45Y	124.2	0.00	1.75	0.57	0	4	1	97	0.00	0.0	1.775	0.000	4	1	1	1	
PL.16908	PL.1557	B	4ACSR	7.45Y	124.2	0.00	1.75	2.68	2	19	7	94	0.00	0.0	1.781	0.006	0	0	0	3	
PD.1921	PL.16908	B	fuse6AMP	7.45Y	124.2	0.00	1.75	2.68	46	19	7	94	0.00	0.0	1.781	0.000	0	0	0	3	
PL.16909	PD.1921	B	4ACSR	7.45Y	124.2	0.01	1.76	2.68	2	19	7	94	0.00	0.0	1.827	0.046	0	0	0	3	
0183127	PL.16909	B	Consumer	7.45Y	124.2	0.00	1.76	0.29	0	2	1	89	0.00	0.0	1.827	0.000	2	1	1	1	
PL.26272	PL.16909	B	4ACSR	7.45Y	124.2	0.01	1.77	2.40	2	17	6	94	0.00	0.0	1.876	0.049	0	0	0	2	
PL.11777	PL.26272	B	4ACSR	7.45Y	124.2	0.01	1.77	2.40	2	17	6	94	0.00	0.0	1.961	0.085	0	0	0	2	
PL.1226	PL.11777	B	4ACSR	7.45Y	124.2	0.02	1.79	1.56	1	11	4	94	0.00	0.0	2.181	0.220	0	0	0	1	
0183115	PL.1226	B	Consumer	7.45Y	124.2	0.00	1.79	1.56	0	11	4	94	0.00	0.0	2.181	0.000	11	4	1	1	
PL.9943	PL.11777	B	4ACSR	7.45Y	124.2	0.00	1.78	0.84	1	6	2	95	0.00	0.0	2.050	0.089	0	0	0	1	
0183100	PL.9943	B	Consumer	7.45Y	124.2	0.00	1.78	0.84	0	6	2	95	0.00	0.0	2.050	0.000	6	2	1	1	
018377	PL.4865	B	Consumer	7.46Y	124.3	0.00	1.72	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	124.3	0.00	1.72	0.07	0	0	0	100	0.00	0.0	1.690	0.000	0	0	1	1	
018387	PL.4865	B	Consumer	7.46Y	124.3	0.00	1.72	0.27	0	2	1	89	0.00	0.0	1.690	0.000	2	1	1	1	

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	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
018382	PL.4865	B	Consumer	7.46Y	124.3	0.00	1.72	0.75	0	5	2	93	0.00	0.0	1.690	0.000	5	2	1	1
018339	PL.11717	B	Consumer	7.46Y	124.4	0.00	1.63	1.56	0	10	5	89	0.00	0.0	1.534	0.000	10	5	1	1
018343	PL.11717	B	Consumer	7.46Y	124.4	0.00	1.63	0.00	0	0	0	100	0.00	0.0	1.534	0.000	0	0	0	0
PL.16906	PL.11716	C	4ACSR	7.49Y	124.8	0.01	1.18	1.89	2	13	5	93	0.00	0.0	1.534	0.103	0	0	0	3
PD.1907	PL.16906	C	fuse6AMP	7.49Y	124.8	0.00	1.18	1.89	32	13	5	93	0.00	0.0	1.534	0.000	0	0	0	3
PL.16907	PD.1907	C	4ACSR	7.49Y	124.8	0.00	1.19	1.89	2	13	5	93	0.00	0.0	1.544	0.010	0	0	0	3
PL.1549	PL.16907	C	4ACSR	7.49Y	124.8	0.01	1.19	1.84	2	13	5	93	0.00	0.0	1.633	0.089	0	0	0	2
PL.1626	PL.1549	C	4ACSR	7.49Y	124.8	0.00	1.19	0.56	0	4	1	97	0.00	0.0	1.652	0.019	0	0	0	1
PL.1627	PL.1626	C	4ACSR	7.49Y	124.8	0.00	1.19	0.56	0	4	1	97	0.00	0.0	1.693	0.040	0	0	0	1
PL.29912	PL.1627	C	4ACSR	7.49Y	124.8	0.00	1.20	0.56	0	4	1	97	0.00	0.0	1.726	0.033	0	0	0	1
0193117	PL.29912	C	Consumer	7.49Y	124.8	0.00	1.20	0.56	0	4	1	97	0.00	0.0	1.726	0.000	4	1	1	1
019387	PL.1627	C	Consumer	7.49Y	124.8	0.00	1.19	0.00	0	0	0	100	0.00	0.0	1.693	0.000	0	0	0	0
019333	PL.1549	C	Consumer	7.49Y	124.8	0.00	1.19	1.28	0	9	3	95	0.00	0.0	1.633	0.000	9	3	1	1
0183124	PL.16907	C	Consumer	7.49Y	124.8	0.00	1.19	0.05	0	0	0	100	0.00	0.0	1.544	0.000	0	0	1	1
0183126	PL.24538	B	Consumer	7.47Y	124.5	0.00	1.52	0.45	0	3	1	95	0.00	0.0	1.364	0.000	3	1	1	1
019345	PL.11715	B	Consumer	7.48Y	124.6	0.00	1.41	1.03	0	7	3	92	0.00	0.0	1.208	0.000	7	3	1	1
PL.17143	PL.17845	A C	4ACSR	7.49Y 7.49Y	124.9 124.9	0.01 0.00	1.13 1.12	3.05 0.28	3 0	22 2	8 1	94 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	124.9	0.00	1.13	2.05	2	14	5	94	0.00	0.0	1.244	0.011	0	0	0	4
PL.31006	PL.31005	A	4ACSR	7.49Y	124.9	0.01	1.14	2.05	2	14	5	94	0.00	0.0	1.321	0.077	0	0	0	4
PL.1561	PL.31006	A	4ACSR	7.49Y	124.9	0.00	1.14	1.37	1	10	3	96	0.00	0.0	1.389	0.068	0	0	0	1
019329	PL.1561	A	Consumer	7.49Y	124.9	0.00	1.14	1.37	0	10	3	96	0.00	0.0	1.389	0.000	10	3	1	1
PL.1551	PL.31006	A	4ACSR	7.49Y	124.9	0.00	1.14	0.43	0	3	1	95	0.00	0.0	1.385	0.064	0	0	0	1
PL.1552	PL.1551	A	4ACSR	7.49Y	124.9	0.00	1.14	0.43	0	3	1	95	0.00	0.0	1.463	0.078	0	0	0	1
019375	PL.1552	A	Consumer	7.49Y	124.9	0.00	1.14	0.43	0	3	1	95	0.00	0.0	1.463	0.000	3	1	1	1
0193120	PL.31006	A	Consumer	7.49Y	124.9	0.00	1.14	0.01	0	0	0	100	0.00	0.0	1.321	0.000	0	0	1	1
019332	PL.31006	A	Consumer	7.49Y	124.9	0.00	1.14	0.23	0	2	1	89	0.00	0.0	1.321	0.000	2	1	1	1
019309	PL.17143	A	Consumer	7.49Y	124.9	0.00	1.13	0.25	0	2	1	89	0.00	0.0	1.233	0.000	2	1	1	1
0193103	PL.17143	A C	Consumer	7.49Y 7.49Y	124.9 124.9	0.00 0.00	1.13 1.12	0.28 0.28	0 0	2 2	1 1	89 90	0.00 0.00	0.0 0.0	1.233	0.000	2 2	1 1	1 1	1 1
019327	PL.17143	A	Consumer	7.49Y	124.9	0.00	1.13	0.49	0	3	1	95	0.00	0.0	1.233	0.000	3	1	1	1
PL.45761	PL.45759	C	2ACSR	7.49Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.073	0.022	0	0	0	0
PD.8678	PL.45761	C	fuse6AMP	7.49Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.073	0.000	0	0	0	0
PL.45762	PD.8678	C	2ACSR	7.49Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.312	0.240	0	0	0	0
PL.45756	PL.45754	A	2ACSR	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	1.029	0.004	0	0	0	0
PD.8677	PL.45756	A	fuse6AMP	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	1.029	0.000	0	0	0	0
PL.45757	PD.8677	A	2ACSR	7.50Y	124.9	0.00	1.07	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	125.0 124.8 124.9	0.00 0.00 0.00	1.04 1.25 1.06	88.50 80.66 85.92	31 28 30	638 580 617	182 167 185	96 96 96	0.01 0.00 0.00	0.0 0.0 0.0	0.961	0.002	0 0 0	0 0 0	0 0 0	101 97 111

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.17136	PL.30927	A	4ACSR	7.50Y	125.0	0.00	1.04	2.70	2	19	7	94	0.00	0.0	0.972	0.011	0	0	0	4
PD.1933	PL.17136	A	fuse6AMP	7.50Y	125.0	0.00	1.04	2.70	46	19	7	94	0.00	0.0	0.972	0.000	0	0	0	4
PL.17137	PD.1933	A	4ACSR	7.50Y	124.9	0.01	1.05	2.70	2	19	7	94	0.00	0.0	1.052	0.080	0	0	0	4
PL.27848	PL.17137	A	4ACSR	7.50Y	124.9	0.00	1.06	1.46	1	10	4	93	0.00	0.0	1.084	0.032	0	0	0	3
018454	PL.27848	A	Consumer	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	1.084	0.000	0	0	0	0
018462	PL.27848	A	Consumer	7.50Y	124.9	0.00	1.06	0.22	0	2	1	89	0.00	0.0	1.084	0.000	2	1	1	1
0184128	PL.27848	A	Consumer	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	1.084	0.000	0	0	0	0
PL.21173	PL.27848	A	4ACSR	7.50Y	124.9	0.00	1.06	1.24	1	9	3	95	0.00	0.0	1.103	0.019	0	0	0	2
PD.2731-A	PL.21173	A	Closed	7.50Y	124.9	0.00	1.06	1.24	0	9	3	95	0.00	0.0	1.103	0.000	0	0	0	2
PD.2731-B	PD.2731-A	A	Closed	7.50Y	124.9	0.00	1.06	1.24	0	9	3	95	0.00	0.0	1.103	0.000	0	0	0	2
PL.21174	PD.2731-B	A	4ACSR	7.50Y	124.9	0.00	1.06	1.24	1	9	3	95	0.00	0.0	1.110	0.007	0	0	0	2
018420	PL.21174	A	Consumer	7.50Y	124.9	0.00	1.06	0.68	0	5	2	93	0.00	0.0	1.110	0.000	5	2	1	1
018425	PL.21174	A	Consumer	7.50Y	124.9	0.00	1.06	0.56	0	4	1	97	0.00	0.0	1.110	0.000	4	1	1	1
018426	PL.17137	A	Consumer	7.50Y	124.9	0.00	1.05	1.24	0	9	3	95	0.00	0.0	1.052	0.000	9	3	1	1
PL.30928	PL.30927	A	4/0ACSR	7.50Y	124.9	0.04	1.08	85.80	30	619	176	96	0.37	0.0	1.002	0.041	0	0	0	97
		B		7.48Y	124.7	0.03	1.28	80.66	28	580	167	96					0	0	0	97
		C		7.49Y	124.9	0.04	1.10	85.92	30	617	185	96					0	0	0	111
PD.155-A	PL.30928	A	Closed	7.50Y	124.9	0.00	1.08	85.80	0	619	175	96	0.00	0.0	1.002	0.000	0	0	0	97
		B		7.48Y	124.7	0.00	1.28	80.66	0	580	167	96					0	0	0	97
		C		7.49Y	124.9	0.00	1.10	85.92	0	617	185	96					0	0	0	111
PD.155-B	PD.155-A	A	Closed	7.50Y	124.9	0.00	1.08	85.80	0	619	175	96	0.00	0.0	1.002	0.000	0	0	0	97
		B		7.48Y	124.7	0.00	1.28	80.66	0	580	167	96					0	0	0	97
		C		7.49Y	124.9	0.00	1.10	85.92	0	617	185	96					0	0	0	111
PL.20315	PD.155-B	A	4/0ACSR	7.49Y	124.9	0.04	1.12	85.80	30	619	175	96	0.44	0.0	1.051	0.048	0	0	0	97
		B		7.48Y	124.7	0.04	1.32	80.66	28	580	167	96					0	0	0	97
		C		7.49Y	124.9	0.05	1.15	85.92	30	617	185	96					0	0	0	111
018452	PL.20315	A	Consumer	7.49Y	124.9	0.00	1.12	1.15	0	8	3	94	0.00	0.0	1.051	0.000	8	3	1	1
018417	PL.20315	B	Consumer	7.48Y	124.7	0.00	1.32	0.04	0	0	0	100	0.00	0.0	1.051	0.000	0	0	1	1
018427	PL.20315	A	Consumer	7.49Y	124.9	0.00	1.12	0.44	0	3	1	95	0.00	0.0	1.051	0.000	3	1	1	1
PL.4488	PL.20315	A	4/0ACSR	7.49Y	124.8	0.03	1.15	84.21	30	607	171	96	0.31	0.0	1.085	0.035	0	0	0	95
		B		7.48Y	124.7	0.03	1.35	80.62	28	580	166	96					0	0	0	96
		C		7.49Y	124.8	0.03	1.18	85.92	30	617	185	96					0	0	0	111
018498	PL.4488	B	Consumer	7.48Y	124.7	0.00	1.35	0.55	0	4	1	97	0.00	0.0	1.085	0.000	4	1	1	1
018431	PL.4488	A	Consumer	7.49Y	124.8	0.00	1.15	1.04	0	7	3	92	0.00	0.0	1.085	0.000	7	3	1	1
PL.11556	PL.4488	A	4/0ACSR	7.49Y	124.8	0.04	1.19	83.18	29	600	168	96	0.40	0.0	1.130	0.045	0	0	0	94
		B		7.48Y	124.6	0.04	1.38	80.07	28	576	165	96					0	0	0	95
		C		7.49Y	124.8	0.04	1.23	85.92	30	616	184	96					0	0	0	111
PL.11558	PL.11556	A	4/0ACSR	7.49Y	124.8	0.06	1.25	81.30	29	586	163	96	0.64	0.0	1.203	0.073	0	0	0	90
		B		7.47Y	124.6	0.06	1.44	80.07	28	576	165	96					0	0	0	95
		C		7.48Y	124.7	0.07	1.29	85.92	30	616	184	96					0	0	0	111
PL.11559	PL.11558	A	4/0ACSR	7.48Y	124.7	0.06	1.30	78.06	27	563	155	96	0.68	0.0	1.284	0.081	0	0	0	85
		B		7.47Y	124.5	0.07	1.51	78.18	27	562	160	96					0	0	0	92
		C		7.48Y	124.6	0.08	1.37	85.92	30	616	184	96					0	0	0	111
018473	PL.11559	B	Consumer	7.47Y	124.5	0.00	1.51	0.67	0	5	2	93	0.00	0.0	1.284	0.000	5	2	1	1
0184132	PL.11559	A	Consumer	7.48Y	124.7	0.00	1.30	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	1.30	0.72	0	5	2	93	0.00	0.0	1.284	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
0184124	PL.11559	A	Consumer	7.48Y	124.7	0.00	1.30	0.88	0	6	2	95	0.00	0.0	1.284	0.000	6	2	1	1
018463	PL.11559	B	Consumer	7.47Y	124.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	1.284	0.000	0	0	0	0
018407	PL.11559	B	Consumer	7.47Y	124.5	0.00	1.51	0.05	0	0	0	100	0.00	0.0	1.284	0.000	0	0	1	1
018453	PL.11559	B	Consumer	7.47Y	124.5	0.00	1.51	0.82	0	6	2	95	0.00	0.0	1.284	0.000	6	2	1	1
PL.11560	PL.11559	A	4/0ACSR	7.48Y	124.7	0.02	1.32	76.47	27	552	151	96	0.21	0.0	1.309	0.026	0	0	0	83
		B		7.47Y	124.5	0.02	1.53	76.64	27	551	155	96					0	0	0	89
		C		7.48Y	124.6	0.03	1.40	85.92	30	616	183	96					0	0	0	111
PL.6100	PL.11560	A	4/0ACSR	7.48Y	124.7	0.02	1.34	74.54	26	538	146	97	0.26	0.0	1.341	0.032	0	0	0	81
		B		7.47Y	124.4	0.03	1.56	76.64	27	551	155	96					0	0	0	89
		C		7.47Y	124.6	0.03	1.43	85.81	30	615	183	96					0	0	0	110
PL.19513	PL.6100	A	4/0ACSR	7.48Y	124.6	0.05	1.39	74.54	26	538	146	97	0.57	0.0	1.412	0.070	0	0	0	81
		B		7.46Y	124.4	0.06	1.62	76.64	27	551	155	96					0	0	0	89
		C		7.47Y	124.5	0.07	1.50	85.81	30	615	183	96					0	0	0	110
PL.19514	PL.19513	A	4/0ACSR	7.47Y	124.6	0.05	1.44	74.54	26	538	146	97	0.63	0.0	1.490	0.078	0	0	0	81
		B		7.46Y	124.3	0.06	1.68	75.79	27	545	153	96					0	0	0	85
		C		7.47Y	124.4	0.08	1.57	85.81	30	615	182	96					0	0	0	110
0183129	PL.19514	A	Consumer	7.47Y	124.6	0.00	1.44	0.20	0	1	1	71	0.00	0.0	1.490	0.000	1	1	1	1
0183117	PL.19514	B	Consumer	7.46Y	124.3	0.00	1.68	0.61	0	4	1	97	0.00	0.0	1.490	0.000	4	1	1	1
0183113	PL.19514	A	Consumer	7.47Y	124.6	0.00	1.44	0.51	0	4	1	97	0.00	0.0	1.490	0.000	4	1	1	1
PL.16910	PL.19514	C	4ACSR	7.47Y	124.4	0.00	1.57	1.04	1	7	3	92	0.00	0.0	1.497	0.007	0	0	0	2
PD.1801	PL.16910	C	fuse6AMP	7.47Y	124.4	0.00	1.57	1.04	18	7	3	92	0.00	0.0	1.497	0.000	0	0	0	2
PL.16911	PD.1801	C	4ACSR	7.47Y	124.4	0.00	1.57	1.04	1	7	3	92	0.00	0.0	1.516	0.019	0	0	0	2
018367	PL.16911	C	Consumer	7.47Y	124.4	0.00	1.57	1.04	0	7	3	92	0.00	0.0	1.516	0.000	7	3	1	1
PL.5833	PL.16911	C	4ACSR	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	1.528	0.012	0	0	0	1
018371	PL.5833	C	Consumer	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	1.528	0.000	0	0	1	1
PL.6090	PL.19514	A	4/0ACSR	7.47Y	124.5	0.02	1.46	73.84	26	533	143	97	0.19	0.0	1.514	0.025	0	0	0	79
		B		7.46Y	124.3	0.02	1.70	75.19	26	540	151	96					0	0	0	84
		C		7.46Y	124.4	0.02	1.59	84.78	30	607	178	96					0	0	0	108
PL.5832	PL.6090	A	4/0ACSR	7.47Y	124.5	0.02	1.48	73.84	26	533	143	97	0.26	0.0	1.547	0.033	0	0	0	79
		B		7.46Y	124.3	0.03	1.73	73.90	26	531	148	96					0	0	0	83
		C		7.46Y	124.4	0.03	1.63	84.78	30	607	178	96					0	0	0	108
018318	PL.5832	B	Consumer	7.46Y	124.3	0.00	1.73	1.51	0	10	5	89	0.00	0.0	1.547	0.000	10	5	1	1
0183110	PL.5832	B	Consumer	7.46Y	124.3	0.00	1.73	3.89	0	26	13	89	0.00	0.0	1.547	0.000	26	13	1	1
PL.44251	PL.5832	A	4/0ACSR	7.47Y	124.5	0.02	1.50	73.84	26	533	143	97	0.23	0.0	1.578	0.031	0	0	0	79
		B		7.46Y	124.3	0.02	1.75	68.60	24	495	130	97					0	0	0	81
		C		7.46Y	124.3	0.03	1.66	84.78	30	607	178	96					0	0	0	108
PL.44252	PL.44251	A	4/0ACSR	7.47Y	124.5	0.04	1.54	73.84	26	533	143	97	0.46	0.0	1.640	0.062	0	0	0	79
		B		7.45Y	124.2	0.04	1.79	67.98	24	490	128	97					0	0	0	80
		C		7.46Y	124.3	0.06	1.72	84.78	30	607	178	96					0	0	0	108
PD.147-A	PL.44252	A	Closed	7.47Y	124.5	0.00	1.54	73.84	0	533	143	97	0.00	0.0	1.640	0.000	0	0	0	79
		B		7.45Y	124.2	0.00	1.79	67.98	0	490	128	97					0	0	0	80
		C		7.46Y	124.3	0.00	1.72	84.78	0	607	177	96					0	0	0	108
PD.147-B	PD.147-A	A	Closed	7.47Y	124.5	0.00	1.54	73.84	0	533	143	97	0.00	0.0	1.640	0.000	0	0	0	79
		B		7.45Y	124.2	0.00	1.79	67.98	0	490	128	97					0	0	0	80
		C		7.46Y	124.3	0.00	1.72	84.78	0	607	177	96					0	0	0	108
PL.17834	PD.147-B	A	4/0ACSR	7.47Y	124.4	0.01	1.55	73.84	26	533	143	97	0.09	0.0	1.652	0.012	0	0	0	79
		B		7.45Y	124.2	0.01	1.80	67.98	24	490	128	97					0	0	0	80
		C		7.46Y	124.3	0.01	1.73	84.78	30	607	177	96					0	0	0	108
018321	PL.17834	A	Consumer	7.47Y	124.4	0.00	1.55	0.35	0	2	1	89	0.00	0.0	1.652	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 0183116, PL.1202, 018393, etc.

Unbalanced Voltage Drop Report
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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	% PF	kW Loss			% Loss	KW			KVAR
PL.5881	PL.5875	A	4/0ACSR	7.45Y	124.2	0.03	1.80	63.65	22	460	116	97	0.42	0.0	2.113	0.065	0	0	0	64
		B		7.43Y	123.9	0.04	2.11	62.78	22	453	114	97					0	0	0	69
		C		7.43Y	123.8	0.06	2.19	82.66	29	590	170	96					0	0	0	103
017304	PL.5881	B	Consumer	7.43Y	123.9	0.00	2.11	0.77	0	5	2	93	0.00	0.0	2.113	0.000	5	2	1	1
017359	PL.5881	B	Consumer	7.43Y	123.9	0.00	2.11	0.68	0	5	2	93	0.00	0.0	2.113	0.000	5	2	1	1
017303	PL.5881	B	Consumer	7.43Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	2.113	0.000	0	0	0	0
017321	PL.5881	B	Consumer	7.43Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	2.113	0.000	0	0	0	0
017324	PL.5881	B	Consumer	7.43Y	123.9	0.00	2.11	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	1.88	63.65	22	460	116	97	1.05	0.1	2.278	0.165	0	0	0	64
		B		7.43Y	123.8	0.11	2.22	61.33	22	442	111	97					0	0	0	67
		C		7.42Y	123.6	0.16	2.35	82.66	29	590	169	96					0	0	0	103
PL.11564	PL.11563	A	4/0ACSR	7.45Y	124.1	0.03	1.91	63.65	22	460	115	97	0.43	0.0	2.347	0.069	0	0	0	64
		B		7.42Y	123.7	0.04	2.26	60.00	21	433	107	97					0	0	0	65
		C		7.41Y	123.6	0.07	2.42	82.42	29	588	168	96					0	0	0	102
PL.16675	PL.11564	C	4ACSR	7.41Y	123.6	0.00	2.42	0.75	1	5	2	93	0.00	0.0	2.352	0.005	0	0	0	2
PD.1902	PL.16675	C	fuse6AMP	7.41Y	123.6	0.00	2.42	0.75	13	5	2	93	0.00	0.0	2.352	0.000	0	0	0	2
PL.16676	PD.1902	C	4ACSR	7.41Y	123.6	0.00	2.42	0.75	1	5	2	93	0.00	0.0	2.398	0.046	0	0	0	2
PL.5883	PL.16676	C	4ACSR	7.41Y	123.6	0.00	2.42	0.53	0	4	1	97	0.00	0.0	2.448	0.051	0	0	0	1
017348	PL.5883	C	Consumer	7.41Y	123.6	0.00	2.42	0.53	0	4	1	97	0.00	0.0	2.448	0.000	4	1	1	1
017314	PL.16676	C	Consumer	7.41Y	123.6	0.00	2.42	0.22	0	1	1	71	0.00	0.0	2.398	0.000	1	1	1	1
017352	PL.16676	C	Consumer	7.41Y	123.6	0.00	2.42	0.00	0	0	0	100	0.00	0.0	2.398	0.000	0	0	0	0
017323	PL.16676	C	Consumer	7.41Y	123.6	0.00	2.42	0.00	0	0	0	100	0.00	0.0	2.398	0.000	0	0	0	0
PL.11565	PL.11564	A	4/0ACSR	7.44Y	124.1	0.01	1.93	63.65	22	460	115	97	0.16	0.0	2.372	0.025	0	0	0	64
		B		7.42Y	123.7	0.02	2.28	60.00	21	432	107	97					0	0	0	65
		C		7.41Y	123.6	0.02	2.45	81.67	29	583	165	96					0	0	0	100
PL.11337	PL.11565	A	4/0ACSR	7.44Y	124.0	0.04	1.96	63.65	22	460	115	97	0.49	0.0	2.450	0.078	0	0	0	64
		B		7.42Y	123.7	0.05	2.33	60.00	21	432	107	97					0	0	0	65
		C		7.41Y	123.5	0.08	2.52	81.67	29	583	165	96					0	0	0	100
PL.16075	PL.11337	A	4ACSR	7.44Y	124.0	0.00	1.97	5.01	4	35	12	95	0.00	0.0	2.458	0.007	0	0	0	7
C PD.1798	PL.16075	A	fuse6AMP	7.44Y	124.0	0.00	1.97	5.01	86	35	12	95	0.00	0.0	2.458	0.000	0	0	0	7 C
PL.16076	PD.1798	A	4ACSR	7.44Y	124.0	0.00	1.97	5.01	4	35	12	95	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	5.01	4	35	12	95	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	0.87	0	6	2	95	0.00	0.0	2.481	0.000	6	2	1	1
017334	PL.5952	A	Consumer	7.44Y	124.0	0.00	1.97	1.21	0	8	3	94	0.00	0.0	2.481	0.000	8	3	1	1
017308	PL.5952	A	Consumer	7.44Y	124.0	0.00	1.97	0.65	0	5	2	93	0.00	0.0	2.481	0.000	5	2	1	1
574902	PL.5952	A	Consumer	7.44Y	124.0	0.00	1.97	0.41	0	3	1	95	0.00	0.0	2.481	0.000	3	1	1	1
PL.11340	PL.5952	A	4ACSR	7.44Y	124.0	0.00	1.97	1.87	2	13	5	93	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	1.87	2	13	5	93	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	1.13	0	8	3	94	0.00	0.0	2.501	0.000	8	3	1	1
574904	PL.3562	A	Consumer	7.44Y	124.0	0.00	1.97	0.29	0	2	1	89	0.00	0.0	2.501	0.000	2	1	1	1
574906	PL.3562	A	Consumer	7.44Y	124.0	0.00	1.97	0.46	0	3	1	95	0.00	0.0	2.501	0.000	3	1	1	1
PL.1204	PL.11337	C	4ACSR	7.41Y	123.5	0.00	2.53	5.86	5	41	14	95	0.00	0.0	2.461	0.011	0	0	0	7

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
C PD.1903	PL.1204	C	fuse6AMP	7.41Y	123.5	0.00	2.53	5.86	100	41	14	95	0.00	0.0	2.461	0.000	0	0	0	7 C
PL.5950	PD.1903	C	4ACSR	7.41Y	123.4	0.03	2.55	5.86	5	41	14	95	0.01	0.0	2.561	0.100	0	0	0	7
017328	PL.5950	C	Consumer	7.41Y	123.4	0.00	2.55	0.86	0	6	2	95	0.00	0.0	2.561	0.000	6	2	1	1
017343	PL.5950	C	Consumer	7.41Y	123.4	0.00	2.55	1.86	0	13	5	93	0.00	0.0	2.561	0.000	13	5	1	1
PL.5951	PL.5950	C	4ACSR	7.41Y	123.4	0.02	2.57	3.15	3	22	8	94	0.00	0.0	2.709	0.148	0	0	0	5
PL.1203	PL.5951	C	4ACSR	7.41Y	123.4	0.01	2.58	3.15	3	22	8	94	0.00	0.0	2.757	0.048	0	0	0	5
PL.5879	PL.1203	C	4ACSR	7.41Y	123.4	0.00	2.58	3.15	3	22	8	94	0.00	0.0	2.758	0.001	0	0	0	5
PL.5880	PL.5879	C	4ACSR	7.40Y	123.4	0.01	2.59	1.52	1	11	4	94	0.00	0.0	2.902	0.144	0	0	0	3
017361	PL.5880	C	Consumer	7.40Y	123.4	0.00	2.59	0.00	0	0	0	100	0.00	0.0	2.902	0.000	0	0	0	0
017375	PL.5880	C	Consumer	7.40Y	123.4	0.00	2.59	0.05	0	0	0	100	0.00	0.0	2.902	0.000	0	0	1	1
PL.24535	PL.5880	C	4ACSR	7.40Y	123.4	0.00	2.59	1.47	1	10	4	93	0.00	0.0	2.935	0.033	0	0	0	2
017365	PL.24535	C	Consumer	7.40Y	123.4	0.00	2.59	0.00	0	0	0	100	0.00	0.0	2.935	0.000	0	0	0	0
PL.11342	PL.24535	C	4ACSR	7.40Y	123.4	0.00	2.59	1.47	1	10	4	93	0.00	0.0	2.961	0.026	0	0	0	2
PL.11343	PL.11342	C	4ACSR	7.40Y	123.4	0.01	2.60	1.28	1	9	3	95	0.00	0.0	3.100	0.139	0	0	0	1
0183121	PL.11343	C	Consumer	7.40Y	123.4	0.00	2.60	1.28	0	9	3	95	0.00	0.0	3.100	0.000	9	3	1	1
PL.1228	PL.11342	C	4ACSR	7.40Y	123.4	0.00	2.60	0.19	0	1	0	100	0.00	0.0	3.126	0.166	0	0	0	1
017378	PL.1228	C	Consumer	7.40Y	123.4	0.00	2.60	0.19	0	1	0	100	0.00	0.0	3.126	0.000	1	0	1	1
017383	PL.5879	C	Consumer	7.41Y	123.4	0.00	2.58	0.77	0	5	2	93	0.00	0.0	2.758	0.000	5	2	1	1
017337	PL.5879	C	Consumer	7.41Y	123.4	0.00	2.58	0.86	0	6	2	95	0.00	0.0	2.758	0.000	6	2	1	1
017316	PL.5879	C	Consumer	7.41Y	123.4	0.00	2.58	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	1.97	58.66	21	424	103	97	0.06	0.0	2.462	0.012	0	0	0	57
		B		7.42Y	123.7	0.01	2.34	60.00	21	432	107	97					0	0	0	65
		C		7.41Y	123.5	0.01	2.53	75.82	27	541	150	96					0	0	0	93
PL.202	PL.11338	A	4/0ACSR	7.44Y	124.0	0.05	2.02	58.66	21	424	103	97	0.57	0.0	2.566	0.104	0	0	0	57
		B		7.42Y	123.6	0.07	2.40	60.00	21	432	107	97					0	0	0	65
		C		7.40Y	123.4	0.09	2.62	75.82	27	541	150	96					0	0	0	93
PL.18646	PL.202	A	4ACSR	7.44Y	124.0	0.00	2.02	1.21	1	8	3	94	0.00	0.0	2.570	0.005	0	0	0	2
PD.2848	PL.18646	A	fuse6AMP	7.44Y	124.0	0.00	2.02	1.21	21	8	3	94	0.00	0.0	2.570	0.000	0	0	0	2
PL.18647	PD.2848	A	4ACSR	7.44Y	124.0	0.00	2.02	1.21	1	8	3	94	0.00	0.0	2.613	0.043	0	0	0	2
574901	PL.18647	A	Consumer	7.44Y	124.0	0.00	2.02	0.60	0	4	1	97	0.00	0.0	2.613	0.000	4	1	1	1
574907	PL.18647	A	Consumer	7.44Y	124.0	0.00	2.02	0.61	0	4	1	97	0.00	0.0	2.613	0.000	4	1	1	1
PL.21884	PL.202	C	4ACSR	7.40Y	123.4	0.00	2.62	1.52	1	10	5	89	0.00	0.0	2.573	0.008	0	0	0	1
PD.3493	PL.21884	C	fuse6AMP	7.40Y	123.4	0.00	2.62	1.52	26	10	5	89	0.00	0.0	2.573	0.000	0	0	0	1
PL.21885	PD.3493	C	4ACSR	7.40Y	123.4	0.00	2.63	1.52	1	10	5	89	0.00	0.0	2.621	0.048	0	0	0	1
574801	PL.21885	C	Consumer	7.40Y	123.4	0.00	2.63	1.52	0	10	5	89	0.00	0.0	2.621	0.000	10	5	1	1
PL.18644	PL.202	C	4ACSR	7.40Y	123.4	0.00	2.62	0.97	1	7	2	96	0.00	0.0	2.572	0.006	0	0	0	1
PL.18645	PL.18644	C	4ACSR	7.40Y	123.4	0.00	2.63	0.97	1	7	2	96	0.00	0.0	2.658	0.086	0	0	0	1
574802	PL.18645	C	Consumer	7.40Y	123.4	0.00	2.63	0.97	0	7	2	96	0.00	0.0	2.658	0.000	7	2	1	1
PL.11352	PL.202	A	4/0ACSR	7.44Y	123.9	0.04	2.05	57.46	20	416	99	97	0.43	0.0	2.646	0.081	0	0	0	55
		B		7.41Y	123.5	0.05	2.46	60.00	21	432	106	97					0	0	0	65
		C		7.40Y	123.3	0.07	2.69	73.36	26	524	143	96					0	0	0	91

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	KW	KVAR						KW	KVAR		
PL.28051	PL.11352	A	4/0ACSR	7.44Y	123.9	0.03	2.08	57.46	20	416	99	97	0.32	0.0	2.709	0.063	0	0	0	55		
		B		7.41Y	123.5	0.04	2.50	60.00	21	432	106	97					0	0	0	65		
		C		7.40Y	123.3	0.05	2.74	70.17	25	501	135	97					0	0	0	87		
OH12	PL.28051	A	1/0ACSR	7.43Y	123.9	0.03	2.11	27.19	14	191	66	95	0.07	0.0	2.757	0.048	0	0	0	40		
		B		7.41Y	123.5	0.02	2.52	25.93	13	181	63	94					0	0	0	38		
		C		7.40Y	123.3	0.01	2.75	12.17	6	85	30	94					0	0	0	19		
OCD17	OH12	A	50L	7.43Y	123.9	0.00	2.11	27.19	54	191	66	95	0.00	0.0	2.757	0.000	0	0	0	40		
		B		7.41Y	123.5	0.00	2.52	25.93	52	181	63	94					0	0	0	38		
		C		7.40Y	123.3	0.00	2.75	12.17	24	85	30	94					0	0	0	19		
OH16	OCD17	A	1/0ACSR	7.43Y	123.8	0.12	2.24	27.19	14	191	66	95	0.28	0.1	2.961	0.204	0	0	0	40		
		B		7.40Y	123.4	0.09	2.60	25.93	13	181	63	94					0	0	0	38		
		C		7.39Y	123.2	0.03	2.78	12.17	6	85	30	94					0	0	0	19		
OH13	OH16	A	1/0ACSR	7.42Y	123.7	0.03	2.26	11.11	6	78	27	94	0.10	0.0	3.078	0.117	0	0	0	22		
		B		7.40Y	123.3	0.06	2.67	25.93	13	181	63	94					0	0	0	38		
		C		7.39Y	123.2	0.01	2.79	12.17	6	85	30	94					0	0	0	19		
PL.7532	OH13	A	4ACSR	7.42Y	123.7	0.01	2.27	11.11	9	78	27	94	0.00	0.0	3.090	0.012	0	0	0	22		
PL.7531	PL.7532	A	4ACSR	7.42Y	123.7	0.05	2.32	10.37	9	73	25	95	0.03	0.0	3.200	0.110	0	0	0	20		
PL.33953	PL.7531	A	4ACSR	7.42Y	123.7	0.02	2.35	8.53	7	60	21	94	0.01	0.0	3.264	0.064	0	0	0	17		
PL.33955	PL.33953	A	4ACSR	7.42Y	123.6	0.01	2.36	8.53	7	60	21	94	0.01	0.0	3.302	0.038	0	0	0	17		
PL.33954	PL.33955	A	4ACSR	7.42Y	123.6	0.01	2.37	7.43	6	52	18	94	0.00	0.0	3.336	0.034	0	0	0	16		
PL.11354	PL.33954	A	4ACSR	7.42Y	123.6	0.01	2.38	4.28	4	30	10	95	0.00	0.0	3.400	0.064	0	0	0	10		
PL.11353	PL.11354	A	4ACSR	7.42Y	123.6	0.00	2.39	0.32	0	2	1	89	0.00	0.0	3.460	0.060	0	0	0	1		
571706	PL.11353	A	Consumer	7.42Y	123.6	0.00	2.39	0.32	0	2	1	89	0.00	0.0	3.460	0.000	2	1	1	1		
PL.40916	PL.11354	A	2ACSR	7.42Y	123.6	0.00	2.39	1.60	1	11	4	94	0.00	0.0	3.419	0.019	0	0	0	2		
571805	PL.40916	A	Consumer	7.42Y	123.6	0.00	2.39	1.08	0	8	3	94	0.00	0.0	3.419	0.000	8	3	1	1		
571803	PL.40916	A	Consumer	7.42Y	123.6	0.00	2.39	0.51	0	4	1	97	0.00	0.0	3.419	0.000	4	1	1	1		
PL.38693	PL.11354	A	4ACSR	7.42Y	123.6	0.00	2.38	1.02	1	7	2	96	0.00	0.0	3.406	0.006	0	0	0	5		
PD.7067	PL.38693	A	fuse6AMP	7.42Y	123.6	0.00	2.38	1.02	17	7	2	96	0.00	0.0	3.406	0.000	0	0	0	5		
PL.38694	PD.7067	A	4ACSR	7.42Y	123.6	0.00	2.39	1.02	1	7	2	96	0.00	0.0	3.436	0.030	0	0	0	5		
571704	PL.38694	A	Consumer	7.42Y	123.6	0.00	2.39	0.13	0	1	0	100	0.00	0.0	3.436	0.000	1	0	1	1		
571711	PL.38694	A	Consumer	7.42Y	123.6	0.00	2.39	0.04	0	0	0	100	0.00	0.0	3.436	0.000	0	0	1	1		
571705	PL.38694	A	Consumer	7.42Y	123.6	0.00	2.39	0.37	0	3	1	95	0.00	0.0	3.436	0.000	3	1	1	1		
PL.3563	PL.38694	A	4ACSR	7.42Y	123.6	0.00	2.39	0.47	0	3	1	95	0.00	0.0	3.499	0.063	0	0	0	2		
571712	PL.3563	A	Consumer	7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0	3.499	0.000	0	0	0	0		
570701	PL.3563	A	Consumer	7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0	3.499	0.000	0	0	0	0		
571713	PL.3563	A	Consumer	7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0	3.499	0.000	0	0	0	0		
570702	PL.3563	A	Consumer	7.42Y	123.6	0.00	2.39	0.41	0	3	1	95	0.00	0.0	3.499	0.000	3	1	1	1		
570703	PL.3563	A	Consumer	7.42Y	123.6	0.00	2.39	0.06	0	0	0	100	0.00	0.0	3.499	0.000	0	0	1	1		
571807	PL.11354	A	Consumer	7.42Y	123.6	0.00	2.38	0.80	0	6	2	95	0.00	0.0	3.400	0.000	6	2	1	1		
571806	571807	A	Consumer	7.42Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	3.400	0.000	0	0	0	0		
571804	PL.11354	A	Consumer	7.42Y	123.6	0.00	2.38	0.56	0	4	1	97	0.00	0.0	3.400	0.000	4	1	1	1		
570902	PL.33954	A	Consumer	7.42Y	123.6	0.00	2.37	1.22	0	9	3	95	0.00	0.0	3.336	0.000	9	3	1	1		
PL.38695	PL.33954	A	4ACSR	7.42Y	123.6	0.00	2.37	1.92	2	13	5	93	0.00	0.0	3.339	0.003	0	0	0	5		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.42Y	123.6	0.00	2.37	1.92	33	13	5	93	0.00	0.0	3.339	0.000	0	0	0	5		
PL.38698	PD.7068	A	4ACSR	7.42Y	123.6	0.00	2.37	1.92	2	13	5	93	0.00	0.0	3.342	0.003	0	0	0	5		
PL.38699	PL.38698	A	4ACSR	7.42Y	123.6	0.00	2.37	1.92	2	13	5	93	0.00	0.0	3.352	0.009	0	0	0	4		
PL.7534	PL.38699	A	4ACSR	7.42Y	123.6	0.01	2.38	1.86	2	13	5	93	0.00	0.0	3.445	0.093	0	0	0	3		
PL.1210	PL.7534	A	4ACSR	7.42Y	123.6	0.00	2.39	1.76	1	12	4	95	0.00	0.0	3.501	0.056	0	0	0	2		
017327	PL.1210	A	Consumer	7.42Y	123.6	0.00	2.39	1.01	0	7	2	96	0.00	0.0	3.501	0.000	7	2	1	1		
PL.1230	PL.1210	A	4ACSR	7.42Y	123.6	0.00	2.39	0.74	1	5	2	93	0.00	0.0	3.630	0.129	0	0	0	1		
017380	PL.1230	A	Consumer	7.42Y	123.6	0.00	2.39	0.74	0	5	2	93	0.00	0.0	3.630	0.000	5	2	1	1		
PL.35541	PL.7534	A	2ACSR	7.42Y	123.6	0.00	2.38	0.10	0	1	0	100	0.00	0.0	3.488	0.043	0	0	0	1		
0173087	PL.35541	A	Consumer	7.42Y	123.6	0.00	2.38	0.10	0	1	0	100	0.00	0.0	3.488	0.000	1	0	1	1		
570801	PL.38699	A	Consumer	7.42Y	123.6	0.00	2.37	0.06	0	0	0	100	0.00	0.0	3.352	0.000	0	0	1	1		
PL.38697	PL.38698	A	4ACSR	7.42Y	123.6	0.00	2.37	0.00	0	0	0	100	0.00	0.0	3.475	0.133	0	0	0	1		
570901	PL.38697	A	Consumer	7.42Y	123.6	0.00	2.37	0.00	0	0	0	100	0.00	0.0	3.475	0.000	0	0	1	1		
5719004	PL.33955	A	Consumer	7.42Y	123.6	0.00	2.36	1.11	0	8	3	94	0.00	0.0	3.302	0.000	8	3	1	1		
571903	PL.7531	A	Consumer	7.42Y	123.7	0.00	2.32	0.63	0	4	2	89	0.00	0.0	3.200	0.000	4	2	1	1		
571901	PL.7531	A	Consumer	7.42Y	123.7	0.00	2.32	0.95	0	7	2	96	0.00	0.0	3.200	0.000	7	2	1	1		
571902	PL.7531	A	Consumer	7.42Y	123.7	0.00	2.32	0.25	0	2	1	89	0.00	0.0	3.200	0.000	2	1	1	1		
572005	PL.7532	A	Consumer	7.42Y	123.7	0.00	2.27	0.08	0	1	0	100	0.00	0.0	3.090	0.000	1	0	1	1		
572002	PL.7532	A	Consumer	7.42Y	123.7	0.00	2.27	0.66	0	5	2	93	0.00	0.0	3.090	0.000	5	2	1	1		
PL.26004	OH13	B C	4ACSR	7.40Y 7.39Y	123.3 123.2	0.04 0.01	2.70 2.80	25.93 12.17	22 10	181 85	63 30	94 94	0.06 0.0	0.0	3.108 0.030	0.030	0 0	0 0	0 0	38 19		
017335	PL.26004	B	Consumer	7.40Y	123.3	0.00	2.70	0.88	0	6	2	95	0.00	0.0	3.108	0.000	6	2	1	1		
017310	PL.26004	B	Consumer	7.40Y	123.3	0.00	2.70	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	7.39Y 7.39Y	123.2 123.2	0.08 0.02	2.78 2.82	25.05 12.17	21 10	175 85	61 30	94 94	0.12 0.0	0.0	3.177 0.069	0.069	0 0	0 0	0 0	36 19		
PL.37902	PL.37901	B C	4ACSR	7.39Y 7.39Y	123.2 123.2	0.02 0.01	2.81 2.83	25.05 12.17	21 10	175 85	61 30	94 94	0.04 0.0	0.0	3.196 0.020	0.020	0 0	0 0	0 0	36 19		
PL.5959	PL.37902	B	4ACSR	7.38Y	123.1	0.14	2.94	23.64	20	165	57	95	0.17	0.1	3.324	0.127	0	0	0	34		
PL.6086	PL.5959	B	4ACSR	7.38Y	123.0	0.07	3.01	22.18	19	155	54	94	0.08	0.0	3.389	0.066	0	0	0	33		
PL.77	PL.6086	B	4ACSR	7.38Y	123.0	0.03	3.04	22.18	19	155	54	94	0.03	0.0	3.417	0.027	0	0	0	33		
0174039	PL.77	B	Consumer	7.38Y	123.0	0.00	3.04	0.00	0	0	0	100	0.00	0.0	3.417	0.000	0	0	0	0		
0174032	PL.77	B	Consumer	7.38Y	123.0	0.00	3.04	0.57	0	4	1	97	0.00	0.0	3.417	0.000	4	1	1	1		
PL.11356	PL.77	B	4ACSR	7.37Y	122.9	0.04	3.08	18.62	16	130	45	94	0.04	0.0	3.469	0.053	0	0	0	29		
PL.33750	PL.11356	B	4ACSR	7.37Y	122.9	0.00	3.08	0.95	1	7	2	96	0.00	0.0	3.480	0.011	0	0	0	2		
PD.4022	PL.33750	B	fuse6AMP	7.37Y	122.9	0.00	3.08	0.95	16	7	2	96	0.00	0.0	3.480	0.000	0	0	0	2		
PL.33751	PD.4022	B	4ACSR	7.37Y	122.9	0.00	3.09	0.95	1	7	2	96	0.00	0.0	3.541	0.061	0	0	0	2		
PL.27864	PL.33751	B	4ACSR	7.37Y	122.9	0.00	3.09	0.95	1	7	2	96	0.00	0.0	3.632	0.091	0	0	0	2		
PL.11357	PL.27864	B	4ACSR	7.37Y	122.9	0.00	3.09	0.06	0	0	0	100	0.00	0.0	3.742	0.110	0	0	0	1		
017416	PL.11357	B	Consumer	7.37Y	122.9	0.00	3.09	0.06	0	0	0	100	0.00	0.0	3.742	0.000	0	0	1	1		
PL.1686	PL.27864	B	4ACSR	7.37Y	122.9	0.01	3.10	0.89	1	6	2	95	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\SUMMER\PROPOSED SUMMER 06-10 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							
017417	PL.1686	B	Consumer	7.37Y	122.9	0.00	3.10	0.89	0	6	2	95	0.00	0.0	3.780	0.000	6	2	1	1
PL.11358	PL.11356	B	4ACSR	7.37Y	122.9	0.05	3.13	17.67	15	123	43	94	0.05	0.0	3.533	0.064	0	0	0	27
017412	PL.11358	B	Consumer	7.37Y	122.9	0.00	3.13	0.00	0	0	0	100	0.00	0.0	3.533	0.000	0	0	0	0
017401	PL.11358	B	Consumer	7.37Y	122.9	0.00	3.13	1.29	0	9	3	95	0.00	0.0	3.533	0.000	9	3	1	1
PL.11359	PL.11358	B	4ACSR	7.37Y	122.8	0.03	3.17	16.38	14	114	40	94	0.03	0.0	3.575	0.042	0	0	0	26
PL.11360	PL.11359	B	4ACSR	7.37Y	122.8	0.04	3.21	15.24	13	106	37	94	0.04	0.0	3.639	0.064	0	0	0	24
PL.11361	PL.11360	B	4ACSR	7.37Y	122.8	0.01	3.22	3.17	3	22	8	94	0.00	0.0	3.691	0.052	0	0	0	7
PL.10635	PL.11361	B	4ACSR	7.37Y	122.8	0.02	3.23	3.17	3	22	8	94	0.00	0.0	3.795	0.105	0	0	0	7
PL.33079	PL.10635	B	4ACSR	7.37Y	122.8	0.00	3.23	2.05	2	14	5	94	0.00	0.0	3.801	0.006	0	0	0	6
PD.3947-A	PL.33079	B	Closed	7.37Y	122.8	0.00	3.23	2.05	0	14	5	94	0.00	0.0	3.801	0.000	0	0	0	6
PD.3947-B	PD.3947-A	B	Closed	7.37Y	122.8	0.00	3.23	2.05	0	14	5	94	0.00	0.0	3.801	0.000	0	0	0	6
PL.45572	PD.3947-B	B	4ACSR	7.37Y	122.8	0.01	3.25	2.05	2	14	5	94	0.00	0.0	3.934	0.133	0	0	0	6
PL.45573	PL.45572	B	4ACSR	7.37Y	122.8	0.00	3.25	2.05	2	14	5	94	0.00	0.0	3.979	0.045	0	0	0	6
PL.31911	PL.45573	B	4ACSR	7.36Y	122.7	0.01	3.26	2.05	2	14	5	94	0.00	0.0	4.084	0.105	0	0	0	6
PL.31912	PL.31911	B	4ACSR	7.36Y	122.7	0.01	3.27	1.39	1	10	3	96	0.00	0.0	4.181	0.096	0	0	0	5
017429	PL.31912	B	Consumer	7.36Y	122.7	0.00	3.27	0.19	0	1	0	100	0.00	0.0	4.181	0.000	1	0	1	1
PL.43780	PL.31912	B	4ACSR	7.36Y	122.7	0.00	3.27	1.20	1	8	3	94	0.00	0.0	4.258	0.078	0	0	0	4
PL.43781	PL.43780	B	4ACSR	7.36Y	122.7	0.00	3.27	1.20	1	8	3	94	0.00	0.0	4.338	0.080	0	0	0	3
PL.40812	PL.43781	B	4ACSR	7.36Y	122.7	0.00	3.28	0.35	0	2	1	89	0.00	0.0	4.492	0.154	0	0	0	2
PL.26003	PL.40812	B	4ACSR	7.36Y	122.7	0.00	3.28	0.26	0	2	1	89	0.00	0.0	4.590	0.098	0	0	0	1
017425	PL.26003	B	Consumer	7.36Y	122.7	0.00	3.28	0.26	0	2	1	89	0.00	0.0	4.590	0.000	2	1	1	1
PL.1687	PL.40812	B	4ACSR	7.36Y	122.7	0.00	3.28	0.09	0	1	0	100	0.00	0.0	4.507	0.015	0	0	0	1
017428	PL.1687	B	Consumer	7.36Y	122.7	0.00	3.28	0.09	0	1	0	100	0.00	0.0	4.507	0.000	1	0	1	1
PL.40810	PL.43781	B	2ACSR	7.36Y	122.7	0.00	3.27	0.85	1	6	2	95	0.00	0.0	4.357	0.019	0	0	0	1
0174034	PL.40810	B	Consumer	7.36Y	122.7	0.00	3.27	0.85	0	6	2	95	0.00	0.0	4.357	0.000	6	2	1	1
PL.45776	PL.43780	B	2ACSR	7.36Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	4.315	0.057	0	0	0	1
PL.45777	PL.45776	B	2ACSR	7.36Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	4.372	0.057	0	0	0	1
PL.44200	PL.45777	B	2ACSR	7.36Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	4.600	0.228	0	0	0	1
0174035	PL.44200	B	Consumer	7.36Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	4.600	0.000	0	0	1	1
0174036	PL.45776	B	Consumer	7.36Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	4.315	0.000	0	0	0	0
0174040	PL.45776	B	Consumer	7.36Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	4.315	0.000	0	0	0	0
PL.31910	PL.31911	B	4ACSR	7.36Y	122.7	0.00	3.26	0.65	1	5	2	93	0.00	0.0	4.198	0.114	0	0	0	1
0174031	PL.31910	B	Consumer	7.36Y	122.7	0.00	3.26	0.65	0	5	2	93	0.00	0.0	4.198	0.000	5	2	1	1
0174038	PL.45572	B	Consumer	7.37Y	122.8	0.00	3.25	0.00	0	0	0	100	0.00	0.0	3.934	0.000	0	0	0	0
0174037	PL.10635	B	Consumer	7.37Y	122.8	0.00	3.23	0.00	0	0	0	100	0.00	0.0	3.795	0.000	0	0	0	0
PL.10636	PL.10635	B	4ACSR	7.37Y	122.8	0.00	3.23	1.12	1	8	3	94	0.00	0.0	3.820	0.025	0	0	0	1
017418	PL.10636	B	Consumer	7.37Y	122.8	0.00	3.23	1.12	0	8	3	94	0.00	0.0	3.820	0.000	8	3	1	1
017413	PL.11361	B	Consumer	7.37Y	122.8	0.00	3.22	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\SUMMER\PROPOSED SUMMER 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.18579	PL.11360	B	4ACSR	7.37Y	122.8	0.00	3.21	12.07	10	84	29	95	0.00	0.0	3.645	0.006	0	0	0	17
PD.157-A	PL.18579	B	Closed	7.37Y	122.8	0.00	3.21	12.07	0	84	29	95	0.00	0.0	3.645	0.000	0	0	0	17
PD.157-B	PD.157-A	B	Closed	7.37Y	122.8	0.00	3.21	12.07	0	84	29	95	0.00	0.0	3.645	0.000	0	0	0	17
PL.18580	PD.157-B	B	4ACSR	7.36Y	122.7	0.05	3.27	12.07	10	84	29	95	0.03	0.0	3.744	0.100	0	0	0	17
PL.6110	PL.18580	B	4ACSR	7.36Y	122.7	0.03	3.30	11.02	9	77	27	94	0.02	0.0	3.798	0.054	0	0	0	16
PL.33754	PL.6110	B	4ACSR	7.36Y	122.7	0.00	3.30	0.13	0	1	0	100	0.00	0.0	3.810	0.012	0	0	0	1
PD.4024	PL.33754	B	fuse6AMP	7.36Y	122.7	0.00	3.30	0.13	2	1	0	100	0.00	0.0	3.810	0.000	0	0	0	1
PL.33755	PD.4024	B	4ACSR	7.36Y	122.7	0.00	3.30	0.13	0	1	0	100	0.00	0.0	3.843	0.033	0	0	0	1
017430	PL.33755	B	Consumer	7.36Y	122.7	0.00	3.30	0.13	0	1	0	100	0.00	0.0	3.843	0.000	1	0	1	1
017407	PL.6110	B	Consumer	7.36Y	122.7	0.00	3.30	0.77	0	5	2	93	0.00	0.0	3.798	0.000	5	2	1	1
017402	PL.6110	B	Consumer	7.36Y	122.7	0.00	3.30	0.49	0	3	1	95	0.00	0.0	3.798	0.000	3	1	1	1
017403	PL.6110	B	Consumer	7.36Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	3.798	0.000	0	0	0	0
PL.10637	PL.6110	B	4ACSR	7.36Y	122.7	0.03	3.33	9.63	8	67	23	95	0.02	0.0	3.872	0.075	0	0	0	13
PL.10638	PL.10637	B	4ACSR	7.36Y	122.6	0.05	3.37	8.68	7	60	21	94	0.02	0.0	3.988	0.116	0	0	0	11
PL.33756	PL.10638	B	4ACSR	7.36Y	122.6	0.00	3.38	1.99	2	14	5	94	0.00	0.0	4.004	0.015	0	0	0	2
PD.4025	PL.33756	B	fuse6AMP	7.36Y	122.6	0.00	3.38	1.99	34	14	5	94	0.00	0.0	4.004	0.000	0	0	0	2
PL.33757	PD.4025	B	4ACSR	7.36Y	122.6	0.01	3.38	1.99	2	14	5	94	0.00	0.0	4.081	0.078	0	0	0	2
PL.6113	PL.33757	B	4ACSR	7.36Y	122.6	0.00	3.38	1.99	2	14	5	94	0.00	0.0	4.081	0.000	0	0	0	2
017405	PL.6113	B	Consumer	7.36Y	122.6	0.00	3.38	0.82	0	6	2	95	0.00	0.0	4.081	0.000	6	2	1	1
017422	PL.6113	B	Consumer	7.36Y	122.6	0.00	3.38	1.18	0	8	3	94	0.00	0.0	4.081	0.000	8	3	1	1
0174033	PL.10638	B	Consumer	7.36Y	122.6	0.00	3.37	0.55	0	4	1	97	0.00	0.0	3.988	0.000	4	1	1	1
017426	PL.10638	B	Consumer	7.36Y	122.6	0.00	3.37	0.03	0	0	0	100	0.00	0.0	3.988	0.000	0	0	1	1
PL.10639	PL.10638	B	4ACSR	7.36Y	122.6	0.01	3.38	6.11	5	42	15	94	0.00	0.0	4.019	0.030	0	0	0	7
PL.25999	PL.10639	B	4ACSR	7.36Y	122.6	0.01	3.39	6.11	5	42	15	94	0.00	0.0	4.057	0.038	0	0	0	7
PL.5750	PL.25999	B	4ACSR	7.36Y	122.6	0.02	3.41	6.11	5	42	15	94	0.01	0.0	4.125	0.068	0	0	0	7
PL.5079	PL.5750	B	4ACSR	7.35Y	122.6	0.01	3.42	5.52	5	38	13	95	0.00	0.0	4.172	0.047	0	0	0	5
PL.26000	PL.5079	B	4ACSR	7.35Y	122.6	0.00	3.43	4.38	4	30	11	94	0.00	0.0	4.188	0.016	0	0	0	4
PL.26001	PL.26000	B	4ACSR	7.35Y	122.6	0.00	3.43	0.61	1	4	1	97	0.00	0.0	4.356	0.168	0	0	0	1
016401	PL.26001	B	Consumer	7.35Y	122.6	0.00	3.43	0.61	0	4	1	97	0.00	0.0	4.356	0.000	4	1	1	1
PL.33760	PL.26000	B	4ACSR	7.35Y	122.6	0.00	3.43	3.77	3	26	9	94	0.00	0.0	4.196	0.008	0	0	0	3
PD.4027	PL.33760	B	fuse6AMP	7.35Y	122.6	0.00	3.43	3.77	64	26	9	94	0.00	0.0	4.196	0.000	0	0	0	3
PL.33761	PD.4027	B	4ACSR	7.35Y	122.6	0.01	3.44	3.77	3	26	9	94	0.00	0.0	4.257	0.062	0	0	0	3
016405	PL.33761	B	Consumer	7.35Y	122.6	0.00	3.44	0.69	0	5	2	93	0.00	0.0	4.257	0.000	5	2	1	1
0164012	PL.33761	B	Consumer	7.35Y	122.6	0.00	3.44	1.06	0	7	3	92	0.00	0.0	4.257	0.000	7	3	1	1
016409	PL.33761	B	Consumer	7.35Y	122.6	0.00	3.44	2.02	0	14	5	94	0.00	0.0	4.257	0.000	14	5	1	1
016410	PL.5079	B	Consumer	7.35Y	122.6	0.00	3.42	1.14	0	8	3	94	0.00	0.0	4.172	0.000	8	3	1	1
016407	PL.5750	B	Consumer	7.36Y	122.6	0.00	3.41	0.58	0	4	1	97	0.00	0.0	4.125	0.000	4	1	1	1
016411	PL.5750	B	Consumer	7.36Y	122.6	0.00	3.41	0.01	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\SUMMER\PROPOSED SUMMER 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.33758, PD.4026, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.39Y	123.1	0.00	2.89	0.69	0	5	2	93	0.00	0.0	3.462	0.000	5	2	1	1
PL.1207	PL.5958	C	4ACSR	7.39Y	123.1	0.00	2.89	0.51	0	4	1	97	0.00	0.0	3.503	0.042	0	0	0	2
017341	PL.1207	C	Consumer	7.39Y	123.1	0.00	2.89	0.09	0	1	0	100	0.00	0.0	3.503	0.000	1	0	1	1
017349	PL.1207	C	Consumer	7.39Y	123.1	0.00	2.89	0.43	0	3	1	95	0.00	0.0	3.503	0.000	3	1	1	1
017331	PL.5957	C	Consumer	7.39Y	123.1	0.00	2.88	0.70	0	5	2	93	0.00	0.0	3.412	0.000	5	2	1	1
017355	PL.5957	C	Consumer	7.39Y	123.1	0.00	2.88	0.90	0	6	2	95	0.00	0.0	3.412	0.000	6	2	1	1
PL.1198	PL.6097	C	4ACSR	7.39Y	123.1	0.01	2.88	2.15	2	15	5	95	0.00	0.0	3.395	0.062	0	0	0	3
017366	PL.1198	C	Consumer	7.39Y	123.1	0.00	2.88	0.79	0	6	2	95	0.00	0.0	3.395	0.000	6	2	1	1
017369	PL.1198	C	Consumer	7.39Y	123.1	0.00	2.88	0.53	0	4	1	97	0.00	0.0	3.395	0.000	4	1	1	1
017370	PL.1198	C	Consumer	7.39Y	123.1	0.00	2.88	0.84	0	6	2	95	0.00	0.0	3.395	0.000	6	2	1	1
017374	PL.33747	C	Consumer	7.39Y	123.2	0.00	2.84	0.78	0	5	2	93	0.00	0.0	3.250	0.000	5	2	1	1
0173085	PL.37902	B	Consumer	7.39Y	123.2	0.00	2.81	0.89	0	6	2	95	0.00	0.0	3.196	0.000	6	2	1	1
017354	PL.37902	B	Consumer	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	3.196	0.000	0	0	0	0
017373	PL.37902	B	Consumer	7.39Y	123.2	0.00	2.81	0.53	0	4	1	97	0.00	0.0	3.196	0.000	4	1	1	1
PL.33744	PL.37902	C	4ACSR	7.39Y	123.2	0.00	2.83	4.39	4	31	11	94	0.00	0.0	3.213	0.017	0	0	0	8
PD.4019	PL.33744	C	fuse6AMP	7.39Y	123.2	0.00	2.83	4.39	75	31	11	94	0.00	0.0	3.213	0.000	0	0	0	8
PL.33745	PD.4019	C	4ACSR	7.39Y	123.2	0.01	2.83	4.39	4	31	11	94	0.00	0.0	3.243	0.030	0	0	0	8
PL.1227	PL.33745	C	4ACSR	7.39Y	123.2	0.00	2.84	1.07	1	7	3	92	0.00	0.0	3.313	0.070	0	0	0	3
PL.33992	PL.1227	C	2ACSR	7.39Y	123.2	0.00	2.84	0.38	0	3	1	95	0.00	0.0	3.469	0.156	0	0	0	2
0163087	PL.33992	C	Consumer	7.39Y	123.2	0.00	2.84	0.37	0	3	1	95	0.00	0.0	3.469	0.000	3	1	1	1
PL.41282	PL.33992	C	2ACSR	7.39Y	123.2	0.00	2.84	0.01	0	0	0	100	0.00	0.0	3.577	0.108	0	0	0	1
0163088	PL.41282	C	Consumer	7.39Y	123.2	0.00	2.84	0.01	0	0	0	100	0.00	0.0	3.577	0.000	0	0	1	1
017376	PL.1227	C	Consumer	7.39Y	123.2	0.00	2.84	0.69	0	5	2	93	0.00	0.0	3.313	0.000	5	2	1	1
017350	PL.33745	C	Consumer	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	3.243	0.000	0	0	1	1
017306	PL.33745	C	Consumer	7.39Y	123.2	0.00	2.83	1.54	0	11	4	94	0.00	0.0	3.243	0.000	11	4	1	1
017307	PL.33745	C	Consumer	7.39Y	123.2	0.00	2.83	1.19	0	8	3	94	0.00	0.0	3.243	0.000	8	3	1	1
017372	PL.33745	C	Consumer	7.39Y	123.2	0.00	2.83	0.56	0	4	1	97	0.00	0.0	3.243	0.000	4	1	1	1
017356	PL.33745	C	Consumer	7.39Y	123.2	0.00	2.83	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	0.03	2.27	14.86	12	104	35	95	0.03	0.0	3.009	0.048	0	0	0	17
PL.3567	PL.3568	A	4ACSR	7.42Y	123.7	0.02	2.29	14.18	12	100	34	95	0.02	0.0	3.041	0.032	0	0	0	16
PL.7536	PL.3567	A	4ACSR	7.42Y	123.7	0.02	2.31	14.18	12	100	34	95	0.02	0.0	3.073	0.032	0	0	0	16
PL.38684	PL.7536	A	4ACSR	7.42Y	123.7	0.02	2.33	13.06	11	92	31	95	0.02	0.0	3.113	0.040	0	0	0	15
PL.38683	PL.38684	A	4ACSR	7.42Y	123.7	0.00	2.33	12.13	10	85	29	95	0.00	0.0	3.115	0.002	0	0	0	14
C PD.7062	PL.38683	A	fuse6AMP	7.42Y	123.7	0.00	2.33	12.13	207	85	29	95	0.00	0.0	3.115	0.000	0	0	0	14 C
PL.38680	PD.7062	A	4ACSR	7.42Y	123.7	0.00	2.34	12.13	10	85	29	95	0.00	0.0	3.117	0.002	0	0	0	14
PL.7527	PL.38680	A	4ACSR	7.42Y	123.7	0.00	2.34	1.26	1	9	3	95	0.00	0.0	3.182	0.066	0	0	0	1
573904	PL.7527	A	Consumer	7.42Y	123.7	0.00	2.34	1.26	0	9	3	95	0.00	0.0	3.182	0.000	9	3	1	1
573901	PL.38680	A	Consumer	7.42Y	123.7	0.00	2.34	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\SUMMER\PROPOSED SUMMER 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
PL.7525	PL.38680	A	4ACSR	7.42Y	123.6	0.02	2.36	10.87	9	76	26	95	0.01	0.0	3.166	0.049	0	0	0	13
PL.7526	PL.7525	A	4ACSR	7.41Y	123.6	0.07	2.43	8.83	7	62	21	95	0.03	0.1	3.333	0.168	0	0	0	12
017367	PL.7526	A	Consumer	7.41Y	123.6	0.00	2.43	0.76	0	5	2	93	0.00	0.0	3.333	0.000	5	2	1	1
017322	PL.7526	A	Consumer	7.41Y	123.6	0.00	2.43	0.65	0	5	2	93	0.00	0.0	3.333	0.000	5	2	1	1
PL.5954	PL.7526	A	4ACSR	7.41Y	123.6	0.02	2.44	7.41	6	52	17	95	0.01	0.0	3.383	0.050	0	0	0	10
PL.11345	PL.5954	A	4ACSR	7.41Y	123.5	0.01	2.45	6.69	6	47	16	95	0.00	0.0	3.415	0.032	0	0	0	9
PL.11344	PL.11345	A	4ACSR	7.41Y	123.5	0.02	2.48	5.85	5	41	13	95	0.01	0.0	3.503	0.088	0	0	0	8
PL.5953	PL.11344	A	4ACSR	7.41Y	123.5	0.02	2.49	5.67	5	40	13	95	0.00	0.0	3.567	0.063	0	0	0	7
017325	PL.5953	A	Consumer	7.41Y	123.5	0.00	2.49	0.62	0	4	2	89	0.00	0.0	3.567	0.000	4	2	1	1
PL.5882	PL.5953	A	4ACSR	7.41Y	123.5	0.01	2.50	3.36	3	24	7	96	0.00	0.0	3.626	0.059	0	0	0	5
PL.11346	PL.5882	A	4ACSR	7.41Y	123.5	0.01	2.51	3.36	3	24	7	96	0.00	0.0	3.697	0.071	0	0	0	5
PL.11348	PL.11346	A	4ACSR	7.41Y	123.5	0.01	2.52	2.84	2	20	6	96	0.00	0.0	3.774	0.076	0	0	0	4
PL.11349	PL.11348	A	4ACSR	7.41Y	123.5	0.00	2.53	2.08	2	15	4	97	0.00	0.0	3.814	0.040	0	0	0	3
PD.1899	PL.11349	A	fuse6AMP	7.41Y	123.5	0.00	2.53	2.08	36	15	4	97	0.00	0.0	3.814	0.000	0	0	0	3
PL.1632	PD.1899	A	1/0EPRJCN	7.41Y	123.5	0.00	2.53	2.08	1	15	4	97	0.00	0.0	3.836	0.022	0	0	0	3
PL.11350	PL.1632	A	1/0EPRJCN	7.41Y	123.5	0.00	2.53	2.09	1	15	4	97	0.00	0.0	3.867	0.031	0	0	0	3
PL.1680	PL.11350	A	1/0EPRJCN	7.41Y	123.5	0.00	2.53	0.52	0	4	1	97	0.00	0.0	3.915	0.048	0	0	0	1
017421	PL.1680	A	Consumer	7.41Y	123.5	0.00	2.53	0.52	0	4	1	97	0.00	0.0	3.915	0.000	4	1	1	1
PL.11351	PL.11350	A	1/0EPRJCN	7.41Y	123.5	0.00	2.53	0.74	0	5	2	93	0.00	0.0	3.908	0.041	0	0	0	1
017420	PL.11351	A	Consumer	7.41Y	123.5	0.00	2.53	0.75	0	5	2	93	0.00	0.0	3.908	0.000	5	2	1	1
PL.23753	PL.11350	A	1/0EPRJCN	7.41Y	123.5	0.00	2.53	0.83	0	6	2	95	0.00	0.0	3.908	0.041	0	0	0	1
017419	PL.23753	A	Consumer	7.41Y	123.5	0.00	2.53	0.84	0	6	2	95	0.00	0.0	3.908	0.000	6	2	1	1
PL.38691	PL.11348	A	4ACSR	7.41Y	123.5	0.00	2.52	0.76	1	5	2	93	0.00	0.0	3.778	0.005	0	0	0	1
PD.7066	PL.38691	A	fuse6AMP	7.41Y	123.5	0.00	2.52	0.76	13	5	2	93	0.00	0.0	3.778	0.000	0	0	0	1
PL.38692	PD.7066	A	4ACSR	7.41Y	123.5	0.00	2.53	0.76	1	5	2	93	0.00	0.0	3.861	0.083	0	0	0	1
017363	PL.38692	A	Consumer	7.41Y	123.5	0.00	2.53	0.76	0	5	2	93	0.00	0.0	3.861	0.000	5	2	1	1
PL.38689	PL.11346	A	4ACSR	7.41Y	123.5	0.00	2.51	0.51	0	4	1	97	0.00	0.0	3.701	0.004	0	0	0	1
PD.7065	PL.38689	A	fuse6AMP	7.41Y	123.5	0.00	2.51	0.51	9	4	1	97	0.00	0.0	3.701	0.000	0	0	0	1
PL.38690	PD.7065	A	4ACSR	7.41Y	123.5	0.00	2.51	0.51	0	4	1	97	0.00	0.0	3.735	0.033	0	0	0	1
017381	PL.38690	A	Consumer	7.41Y	123.5	0.00	2.51	0.51	0	4	1	97	0.00	0.0	3.735	0.000	4	1	1	1
017357	PL.38690	A	Consumer	7.41Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	3.735	0.000	0	0	0	0
017358	PL.38690	A	Consumer	7.41Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	3.735	0.000	0	0	0	0
PL.38687	PL.5953	A	4ACSR	7.41Y	123.5	0.00	2.49	1.69	1	12	4	95	0.00	0.0	3.574	0.008	0	0	0	1
PD.7064	PL.38687	A	fuse6AMP	7.41Y	123.5	0.00	2.49	1.69	29	12	4	95	0.00	0.0	3.574	0.000	0	0	0	1
PL.38688	PD.7064	A	4ACSR	7.41Y	123.5	0.00	2.50	1.69	1	12	4	95	0.00	0.0	3.624	0.049	0	0	0	1
017364	PL.38688	A	Consumer	7.41Y	123.5	0.00	2.50	1.69	0	12	4	95	0.00	0.0	3.624	0.000	12	4	1	1
017346	PL.11344	A	Consumer	7.41Y	123.5	0.00	2.48	0.18	0	1	0	100	0.00	0.0	3.503	0.000	1	0	1	1
017320	PL.11344	A	Consumer	7.41Y	123.5	0.00	2.48	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\SUMMER\PROPOSED SUMMER 06-10 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.38685	PL.11345	A	4ACSR	7.41Y	123.5	0.00	2.45	0.84	1	6	2	95	0.00	0.0	3.418	0.003	0	0	0	1		
PD.7063	PL.38685	A	fuse6AMP	7.41Y	123.5	0.00	2.45	0.84	14	6	2	95	0.00	0.0	3.418	0.000	0	0	0	1		
PL.38686	PD.7063	A	4ACSR	7.41Y	123.5	0.00	2.45	0.84	1	6	2	95	0.00	0.0	3.439	0.021	0	0	0	1		
017362	PL.38686	A	Consumer	7.41Y	123.5	0.00	2.45	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	2.45	0.84	0	6	2	95	0.00	0.0	3.439	0.000	6	2	1	1		
017305	PL.5954	A	Consumer	7.41Y	123.6	0.00	2.44	0.72	0	5	2	93	0.00	0.0	3.383	0.000	5	2	1	1		
573903	PL.7525	A	Consumer	7.42Y	123.6	0.00	2.36	2.04	0	14	5	94	0.00	0.0	3.166	0.000	14	5	1	1		
PL.38682	PL.38684	A	4ACSR	7.42Y	123.7	0.00	2.33	0.93	1	7	2	96	0.00	0.0	3.158	0.046	0	0	0	1		
572904	PL.38682	A	Consumer	7.42Y	123.7	0.00	2.33	0.93	0	7	2	96	0.00	0.0	3.158	0.000	7	2	1	1		
572906	PL.7536	A	Consumer	7.42Y	123.7	0.00	2.31	1.12	0	8	3	94	0.00	0.0	3.073	0.000	8	3	1	1		
572902	PL.3567	A	Consumer	7.42Y	123.7	0.00	2.29	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	2.27	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	2.27	0.68	0	5	2	93	0.00	0.0	3.009	0.000	5	2	1	1		
572905	PL.3568	A	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	3.009	0.000	0	0	0	0		
572004	OH16	A	Consumer	7.43Y	123.8	0.00	2.24	1.23	0	9	3	95	0.00	0.0	2.961	0.000	9	3	1	1		
PL.28052	PL.28051	A	4/0ACSR	7.43Y	123.9	0.01	2.09	32.35	11	224	87	93	0.11	0.0	2.750	0.041	0	0	0	15		
		B		7.41Y	123.5	0.02	2.52	36.16	13	250	96	93					0	0	0	27		
		C		7.39Y	123.2	0.03	2.77	60.17	21	416	157	94					0	0	0	68		
PL.16677	PL.28052	C	4ACSR	7.39Y	123.2	0.00	2.77	5.69	5	40	14	94	0.00	0.0	2.755	0.005	0	0	0	7		
C PD.2845	PL.16677	C	fuse6AMP	7.39Y	123.2	0.00	2.77	5.69	97	40	14	94	0.00	0.0	2.755	0.000	0	0	0	7 C		
PL.16678	PD.2845	C	4ACSR	7.39Y	123.2	0.05	2.82	5.69	5	40	14	94	0.01	0.0	2.945	0.190	0	0	0	7		
PL.6093	PL.16678	C	4ACSR	7.39Y	123.1	0.04	2.87	5.69	5	40	14	94	0.01	0.0	3.117	0.172	0	0	0	7		
017379	PL.6093	C	Consumer	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	3.117	0.000	0	0	0	0		
PL.26097	PL.6093	C	4ACSR	7.39Y	123.1	0.04	2.91	5.69	5	40	14	94	0.01	0.0	3.267	0.150	0	0	0	7		
PL.26098	PL.26097	C	4ACSR	7.38Y	123.1	0.01	2.92	2.49	2	17	6	94	0.00	0.0	3.399	0.132	0	0	0	4		
017204	PL.26098	C	Consumer	7.38Y	123.1	0.00	2.92	0.26	0	2	1	89	0.00	0.0	3.399	0.000	2	1	1	1		
017216	PL.26098	C	Consumer	7.38Y	123.1	0.00	2.92	1.10	0	8	3	94	0.00	0.0	3.399	0.000	8	3	1	1		
PL.1629	PL.26098	C	4ACSR	7.38Y	123.1	0.00	2.92	0.60	1	4	1	97	0.00	0.0	3.465	0.066	0	0	0	1		
017214	PL.1629	C	Consumer	7.38Y	123.1	0.00	2.92	0.60	0	4	1	97	0.00	0.0	3.465	0.000	4	1	1	1		
PL.26099	PL.26098	C	4ACSR	7.38Y	123.1	0.00	2.92	0.52	0	4	1	97	0.00	0.0	3.468	0.070	0	0	0	1		
PL.6089	PL.26099	C	4ACSR	7.38Y	123.1	0.00	2.92	0.00	0	0	0	100	0.00	0.0	3.862	0.393	0	0	0	0		
017211	PL.6089	C	Consumer	7.38Y	123.1	0.00	2.92	0.00	0	0	0	100	0.00	0.0	3.862	0.000	0	0	0	0		
017217	PL.26099	C	Consumer	7.38Y	123.1	0.00	2.92	0.52	0	4	1	97	0.00	0.0	3.468	0.000	4	1	1	1		
PL.5955	PL.26097	C	4ACSR	7.39Y	123.1	0.01	2.91	3.21	3	22	8	94	0.00	0.0	3.309	0.042	0	0	0	3		
PL.5956	PL.5955	C	4ACSR	7.38Y	123.1	0.01	2.92	3.21	3	22	8	94	0.00	0.0	3.359	0.051	0	0	0	3		
017215	PL.5956	C	Consumer	7.38Y	123.1	0.00	2.92	0.06	0	0	0	100	0.00	0.0	3.359	0.000	0	0	1	1		
PL.1631	PL.5956	C	4ACSR	7.38Y	123.1	0.00	2.92	0.83	1	6	2	95	0.00	0.0	3.437	0.078	0	0	0	1		
017212	PL.1631	C	Consumer	7.38Y	123.1	0.00	2.92	0.83	0	6	2	95	0.00	0.0	3.437	0.000	6	2	1	1		
PL.1630	PL.5956	C	4ACSR	7.38Y	123.1	0.00	2.92	2.31	2	16	6	94	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\SUMMER\PROPOSED SUMMER 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 017213 through C PD.1793.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.18789	PD.1793	C	4ACSR	7.38Y	122.9	0.02	3.08	6.90	6	48	17	94	0.01	0.0	3.245	0.068	0	0	0	12
PL.1474	PL.18789	C	4ACSR	7.37Y	122.9	0.01	3.09	5.62	5	39	14	94	0.00	0.0	3.278	0.032	0	0	0	8
016309	PL.1474	C	Consumer	7.37Y	122.9	0.00	3.09	0.87	0	6	2	95	0.00	0.0	3.278	0.000	6	2	1	1
016369	PL.1474	C	Consumer	7.37Y	122.9	0.00	3.09	0.75	0	5	2	93	0.00	0.0	3.278	0.000	5	2	1	1
PL.1472	PL.1474	C	4ACSR	7.37Y	122.9	0.00	3.09	0.80	1	6	2	95	0.00	0.0	3.402	0.124	0	0	0	1
016370	PL.1472	C	Consumer	7.37Y	122.9	0.00	3.09	0.80	0	6	2	95	0.00	0.0	3.402	0.000	6	2	1	1
PL.1473	PL.1474	C	4ACSR	7.37Y	122.9	0.01	3.10	3.21	3	22	8	94	0.00	0.0	3.346	0.069	0	0	0	5
016318	PL.1473	C	Consumer	7.37Y	122.9	0.00	3.10	1.39	0	10	3	96	0.00	0.0	3.346	0.000	10	3	1	1
016384	PL.1473	C	Consumer	7.37Y	122.9	0.00	3.10	0.02	0	0	0	100	0.00	0.0	3.346	0.000	0	0	1	1
016368	PL.1473	C	Consumer	7.37Y	122.9	0.00	3.10	0.41	0	3	1	95	0.00	0.0	3.346	0.000	3	1	1	1
PL.1477	PL.1473	C	4ACSR	7.37Y	122.9	0.00	3.10	0.01	0	0	0	100	0.00	0.0	3.378	0.031	0	0	0	1
016373	PL.1477	C	Consumer	7.37Y	122.9	0.00	3.10	0.01	0	0	0	100	0.00	0.0	3.378	0.000	0	0	1	1
PL.32794	PL.1473	C	4ACSR	7.37Y	122.9	0.00	3.10	1.37	1	10	3	96	0.00	0.0	3.376	0.029	0	0	0	1
016386	PL.32794	C	Consumer	7.37Y	122.9	0.00	3.10	1.37	0	10	3	96	0.00	0.0	3.376	0.000	10	3	1	1
016310	PL.18789	C	Consumer	7.38Y	122.9	0.00	3.08	0.08	0	1	0	100	0.00	0.0	3.245	0.000	1	0	1	1
SRL.5263	PL.18789	C	Consumer	7.38Y	122.9	0.00	3.08	0.00	0	0	0	100	0.00	0.0	3.245	0.000	0	0	0	0
016361	PL.18789	C	Consumer	7.38Y	122.9	0.00	3.08	0.18	0	1	1	71	0.00	0.0	3.245	0.000	1	1	1	1
016349	PL.18789	C	Consumer	7.38Y	122.9	0.00	3.08	0.46	0	3	1	95	0.00	0.0	3.245	0.000	3	1	1	1
PL.45825	PL.18789	C	4ACSR	7.38Y	122.9	0.00	3.08	0.56	0	4	1	97	0.00	0.0	3.262	0.016	0	0	0	1
PL.45826	PL.45825	C	4ACSR	7.38Y	122.9	0.00	3.08	0.56	0	4	1	97	0.00	0.0	3.273	0.011	0	0	0	1
PL.6087	PL.45826	C	4ACSR	7.38Y	122.9	0.00	3.08	0.56	0	4	1	97	0.00	0.0	3.278	0.005	0	0	0	1
017302	PL.6087	C	Consumer	7.38Y	122.9	0.00	3.08	0.56	0	4	1	97	0.00	0.0	3.278	0.000	4	1	1	1
PL.6088	PL.6087	C	4ACSR	7.38Y	122.9	0.00	3.08	0.00	0	0	0	100	0.00	0.0	3.305	0.027	0	0	0	0
PL.1212	PL.6088	C	4ACSR	7.38Y	122.9	0.00	3.08	0.00	0	0	0	100	0.00	0.0	3.398	0.093	0	0	0	0
0163089	PL.45825	C	Consumer	7.38Y	122.9	0.00	3.08	0.00	0	0	0	100	0.00	0.0	3.262	0.000	0	0	0	0
PL.10643	PL.10642	A	4/0ACSR	7.43Y	123.8	0.01	2.15	28.01	10	194	76	93	0.10	0.0	3.219	0.054	0	0	0	11
		B		7.39Y	123.2	0.03	2.75	35.78	13	247	94	93					0	0	0	25
		C		7.38Y	122.9	0.03	3.08	45.65	16	314	121	93					0	0	0	44
PL.16694	PL.10643	C	4ACSR	7.38Y	122.9	0.00	3.08	0.00	0	0	0	100	0.00	0.0	3.223	0.004	0	0	0	0
PD.1797	PL.16694	C	fuse6AMP	7.38Y	122.9	0.00	3.08	0.00	0	0	0	100	0.00	0.0	3.223	0.000	0	0	0	0
PL.16695	PD.1797	C	4ACSR	7.38Y	122.9	0.00	3.08	0.00	0	0	0	100	0.00	0.0	3.275	0.052	0	0	0	0
PL.10644	PL.10643	A	4/0ACSR	7.43Y	123.8	0.03	2.18	28.01	10	194	76	93	0.28	0.0	3.374	0.155	0	0	0	11
		B		7.39Y	123.2	0.08	2.83	35.78	13	247	94	93					0	0	0	25
		C		7.37Y	122.8	0.09	3.17	45.66	16	314	121	93					0	0	0	44
016343	PL.10644	B	Consumer	7.39Y	123.2	0.00	2.83	0.44	0	3	1	95	0.00	0.0	3.374	0.000	3	1	1	1
016348	PL.10644	B	Consumer	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	3.374	0.000	0	0	0	0
016344	PL.10644	B	Consumer	7.39Y	123.2	0.00	2.83	0.82	0	6	2	95	0.00	0.0	3.374	0.000	6	2	1	1
016347	PL.10644	B	Consumer	7.39Y	123.2	0.00	2.83	0.58	0	4	1	97	0.00	0.0	3.374	0.000	4	1	1	1
016346	PL.10644	B	Consumer	7.39Y	123.2	0.00	2.83	0.71	0	5	2	93	0.00	0.0	3.374	0.000	5	2	1	1
016345	PL.10644	B	Consumer	7.39Y	123.2	0.00	2.83	0.42	0	3	1	95	0.00	0.0	3.374	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

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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 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\SUMMER\PROPOSED SUMMER 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 016327, 016374, PL.9941, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 CWP.WM\
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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 PL.1484, PL.1062, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	% PF	kW Loss	% Loss	KW	KVAR						
PL.18671	PD.3360	A	1/0ACSR	7.41Y	123.5	0.10	2.53	20.92	10	144	58	93	0.29	0.1	4.318	0.254	0	0	0	2		
		B		7.37Y	122.9	0.10	3.13	20.89	10	143	58	93					0	0	0	1		
		C		7.35Y	122.5	0.10	3.51	20.96	10	143	58	93					0	0	0	1		
PL.37671	PL.18671	A	1/0ACSR	7.41Y	123.4	0.02	2.55	8.23	4	56	24	92	0.02	0.0	4.457	0.139	0	0	0	1		
		B		7.37Y	122.8	0.02	3.15	8.13	4	55	24	92					0	0	0	0		
		C		7.35Y	122.5	0.02	3.53	8.16	4	55	24	92					0	0	0	0		
PL.37672	PL.37671	A	1/0ACSR	7.41Y	123.4	0.00	2.55	8.23	4	56	24	92	0.00	0.0	4.459	0.002	0	0	0	1		
		B		7.37Y	122.8	0.00	3.15	8.13	4	55	24	92					0	0	0	0		
		C		7.35Y	122.5	0.00	3.53	8.16	4	55	24	92					0	0	0	0		
0162066	PL.37672	A	Consumer	7.41Y	123.4	0.00	2.55	0.00	0	0	0	100	0.00	0.0	4.459	0.000	0	0	0	0		
PL.37670	PL.37672	A	1/0ACSR	7.40Y	123.4	0.05	2.61	8.23	4	56	24	92	0.06	0.0	4.812	0.353	0	0	0	1		
		B		7.37Y	122.8	0.05	3.20	8.13	4	55	24	92					0	0	0	0		
		C		7.34Y	122.4	0.05	3.58	8.16	4	55	24	92					0	0	0	0		
PL.30991	PL.37670	A	1/0ACSR	7.40Y	123.4	0.00	2.61	8.23	4	56	24	92	0.00	0.0	4.829	0.017	0	0	0	1		
		B		7.37Y	122.8	0.00	3.21	8.13	4	55	24	92					0	0	0	0		
		C		7.34Y	122.4	0.00	3.59	8.16	4	55	24	92					0	0	0	0		
PL.30992	PL.30991	A	1/0ACSR	7.40Y	123.4	0.00	2.61	8.09	4	55	24	92	0.00	0.0	4.847	0.018	0	0	0	0		
		B		7.37Y	122.8	0.00	3.21	8.13	4	55	24	92					0	0	0	0		
		C		7.34Y	122.4	0.00	3.59	8.16	4	55	24	92					0	0	0	0		
016262	PL.30992	A	Consumer	7.40Y	123.4	0.00	2.61	8.09	0	55	24	92	0.00	0.0	4.847	0.000	55	24	0	0		
		B		7.37Y	122.8	0.00	3.21	8.13	0	55	24	92					55	24	0	0		
		C		7.34Y	122.4	0.00	3.59	8.16	0	55	24	92					55	24	0	0		
016203	PL.30991	A	Consumer	7.40Y	123.4	0.00	2.61	0.13	0	1	0	100	0.00	0.0	4.829	0.000	1	0	1	1		
PL.24721	PL.18671	A	2ACSR	7.41Y	123.5	0.00	2.54	12.70	8	88	33	94	0.01	0.0	4.329	0.012	0	0	0	0		
		B		7.37Y	122.9	0.00	3.13	12.77	8	88	33	93					0	0	0	0		
		C		7.35Y	122.5	0.00	3.51	12.81	8	88	33	93					0	0	0	0		
PL.24722	PL.24721	A	2ACSR	7.41Y	123.5	0.00	2.54	12.70	8	88	33	94	0.01	0.0	4.343	0.013	0	0	0	0		
		B		7.37Y	122.9	0.00	3.14	12.77	8	88	33	93					0	0	0	0		
		C		7.35Y	122.5	0.00	3.52	12.81	8	88	33	93					0	0	0	0		
016263	PL.24722	A	Consumer	7.41Y	123.5	0.00	2.54	12.70	0	88	33	94	0.00	0.0	4.343	0.000	88	33	0	0		
		B		7.37Y	122.9	0.00	3.14	12.77	0	88	33	93					88	33	0	0		
		C		7.35Y	122.5	0.00	3.52	12.81	0	88	33	93					88	33	0	0		
PL.1520	PL.11570	C	4ACSR	7.36Y	122.6	0.00	3.38	0.13	0	1	0	100	0.00	0.0	4.060	0.070	0	0	0	1		
016205	PL.1520	C	Consumer	7.36Y	122.6	0.00	3.38	0.00	0	0	0	100	0.00	0.0	4.060	0.000	0	0	0	0		
016204	PL.1520	C	Consumer	7.36Y	122.6	0.00	3.38	0.13	0	1	0	100	0.00	0.0	4.060	0.000	1	0	1	1		
PL.11572	PL.11570	A	4ACSR	7.42Y	123.6	0.01	2.42	3.83	3	27	9	95	0.00	0.0	4.049	0.059	0	0	0	4		
016254	PL.11572	A	Consumer	7.42Y	123.6	0.00	2.42	0.78	0	5	2	93	0.00	0.0	4.049	0.000	5	2	1	1		
016251	PL.11572	A	Consumer	7.42Y	123.6	0.00	2.42	1.70	0	12	4	95	0.00	0.0	4.049	0.000	12	4	1	1		
PL.11573	PL.11572	A	4ACSR	7.41Y	123.6	0.00	2.42	1.34	1	9	3	95	0.00	0.0	4.081	0.032	0	0	0	2		
PL.5753	PL.11573	A	4ACSR	7.41Y	123.6	0.00	2.42	0.68	1	5	2	93	0.00	0.0	4.148	0.067	0	0	0	1		
016202	PL.5753	A	Consumer	7.41Y	123.6	0.00	2.42	0.68	0	5	2	93	0.00	0.0	4.148	0.000	5	2	1	1		
016201	PL.5753	A	Consumer	7.41Y	123.6	0.00	2.42	0.00	0	0	0	100	0.00	0.0	4.148	0.000	0	0	0	0		
016260	PL.11573	A	Consumer	7.41Y	123.6	0.00	2.42	0.66	0	5	2	93	0.00	0.0	4.081	0.000	5	2	1	1		
016255	PL.11569	B	Consumer	7.38Y	123.0	0.00	2.99	0.90	0	6	2	95	0.00	0.0	3.958	0.000	6	2	1	1		
016207	PL.11569	A	Consumer	7.42Y	123.6	0.00	2.39	0.69	0	5	2	93	0.00	0.0	3.958	0.000	5	2	1	1		
016249	PL.11569	B	Consumer	7.38Y	123.0	0.00	2.99	0.82	0	6	2	95	0.00	0.0	3.958	0.000	6	2	1	1		
PL.16702	PL.11566	C	4ACSR	7.36Y	122.7	0.00	3.31	3.84	3	26	10	93	0.00	0.0	3.766	0.009	0	0	0	6		
PD.1790	PL.16702	C	fuse6AMP	7.36Y	122.7	0.00	3.31	3.84	66	26	10	93	0.00	0.0	3.766	0.000	0	0	0	6		

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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.16703	PD.1790	C	4ACSR	7.36Y	122.7	0.01	3.32	3.84	3	26	10	93	0.00	0.0	3.828	0.062	0	0	0	6
PL.11567	PL.16703	C	4ACSR	7.36Y	122.7	0.01	3.33	2.77	2	19	8	92	0.00	0.0	3.875	0.047	0	0	0	4
016231	PL.11567	C	Consumer	7.36Y	122.7	0.00	3.33	0.08	0	1	0	100	0.00	0.0	3.875	0.000	1	0	1	1
016240	PL.11567	C	Consumer	7.36Y	122.7	0.00	3.33	0.81	0	6	2	95	0.00	0.0	3.875	0.000	6	2	1	1
016242	PL.11567	C	Consumer	7.36Y	122.7	0.00	3.33	0.00	0	0	0	100	0.00	0.0	3.875	0.000	0	0	0	0
016211	PL.11567	C	Consumer	7.36Y	122.7	0.00	3.33	1.32	0	9	4	91	0.00	0.0	3.875	0.000	9	4	1	1
016237	PL.11567	C	Consumer	7.36Y	122.7	0.00	3.33	0.00	0	0	0	100	0.00	0.0	3.875	0.000	0	0	0	0
016239	PL.11567	C	Consumer	7.36Y	122.7	0.00	3.33	0.56	0	4	1	97	0.00	0.0	3.875	0.000	4	1	1	1
PL.1483	PL.16703	C	4ACSR	7.36Y	122.7	0.00	3.32	1.07	1	7	3	92	0.00	0.0	3.885	0.057	0	0	0	2
016232	PL.1483	C	Consumer	7.36Y	122.7	0.00	3.32	0.09	0	1	0	100	0.00	0.0	3.885	0.000	1	0	1	1
016241	PL.1483	C	Consumer	7.36Y	122.7	0.00	3.32	0.98	0	7	2	96	0.00	0.0	3.885	0.000	7	2	1	1
PL.20713	PL.9942	C	4ACSR	7.36Y	122.7	0.00	3.27	7.31	6	51	18	94	0.00	0.0	3.622	0.013	0	0	0	10
C PD.3473	PL.20713	C	fuse6AMP	7.36Y	122.7	0.00	3.27	7.31	125	51	18	94	0.00	0.0	3.622	0.000	0	0	0	10 C
PL.20714	PD.3473	C	4ACSR	7.36Y	122.7	0.02	3.29	7.31	6	51	18	94	0.01	0.0	3.676	0.054	0	0	0	10
PL.5748	PL.20714	C	4ACSR	7.36Y	122.7	0.01	3.29	3.55	3	25	9	94	0.00	0.0	3.708	0.032	0	0	0	5
0162065	PL.5748	C	Consumer	7.36Y	122.7	0.00	3.29	0.34	0	2	1	89	0.00	0.0	3.708	0.000	2	1	1	1
016261	PL.5748	C	Consumer	7.36Y	122.7	0.00	3.29	0.59	0	4	1	97	0.00	0.0	3.708	0.000	4	1	1	1
PL.5749	PL.5748	C	4ACSR	7.36Y	122.7	0.00	3.30	2.62	2	18	6	95	0.00	0.0	3.741	0.033	0	0	0	3
016235	PL.5749	C	Consumer	7.36Y	122.7	0.00	3.30	0.53	0	4	1	97	0.00	0.0	3.741	0.000	4	1	1	1
016236	PL.5749	C	Consumer	7.36Y	122.7	0.00	3.30	1.45	0	10	4	93	0.00	0.0	3.741	0.000	10	4	1	1
016245	PL.5749	C	Consumer	7.36Y	122.7	0.00	3.30	0.64	0	4	2	89	0.00	0.0	3.741	0.000	4	2	1	1
PL.1482	PL.5749	C	4ACSR	7.36Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	3.789	0.048	0	0	0	0
016246	PL.20714	C	Consumer	7.36Y	122.7	0.00	3.29	1.14	0	8	3	94	0.00	0.0	3.676	0.000	8	3	1	1
016359	PL.20714	C	Consumer	7.36Y	122.7	0.00	3.29	0.48	0	3	1	95	0.00	0.0	3.676	0.000	3	1	1	1
PL.1478	PL.20714	C	4ACSR	7.36Y	122.7	0.00	3.29	2.15	2	15	5	95	0.00	0.0	3.724	0.049	0	0	0	3
016226	PL.1478	C	Consumer	7.36Y	122.7	0.00	3.29	1.77	0	12	4	95	0.00	0.0	3.724	0.000	12	4	1	1
016317	PL.1478	C	Consumer	7.36Y	122.7	0.00	3.29	0.38	0	3	1	95	0.00	0.0	3.724	0.000	3	1	1	1
016357	PL.1478	C	Consumer	7.36Y	122.7	0.00	3.29	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	7.38Y	122.9	0.00	3.08	-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	7.38Y	122.9	0.00	3.08	-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	7.38Y	122.9	-0.00	3.08	-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	7.38Y	122.9	0.00	3.08	0.00	0	0	0	100	0.00	0.0	3.299	0.045	0	0	0	0
P PL.45906	PL.16697	C	1/0EPRJCN	7.38Y	122.9	-0.00	3.08	-0.02	0	0	0	100	0.00	0.0	3.281	0.027	0	0	0	0 P
0163090	PL.45906	C	Consumer	7.38Y	122.9	0.00	3.08	0.00	0	0	0	100	0.00	0.0	3.281	0.000	0	0	0	0
PL.1523	PL.16697	C	4ACSR	7.38Y	122.9	0.00	3.08	0.00	0	0	0	100	0.00	0.0	3.284	0.030	0	0	0	0
017326	PL.10640	C	Consumer	7.38Y	123.0	0.00	2.99	0.10	0	1	0	100	0.00	0.0	3.071	0.000	1	0	1	1
570602	PL.26008	B	Consumer	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	2.974	0.000	0	0	0	0
PL.17936	PL.26007	C	4ACSR	7.39Y	123.1	0.00	2.88	1.50	1	10	4	93	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\SUMMER\PROPOSED SUMMER 06-10 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.2846	PL.17936	C	fuse6AMP	7.39Y	123.1	0.00	2.88	1.50	26	10	4	93	0.00	0.0	2.922	0.000	0	0	0	3
PL.17458	PD.2846	C	4ACSR	7.39Y	123.1	0.01	2.88	1.50	1	10	4	93	0.00	0.0	3.003	0.081	0	0	0	3
570601	PL.17458	C	Consumer	7.39Y	123.1	0.00	2.88	0.80	0	6	2	95	0.00	0.0	3.003	0.000	6	2	1	1
PL.7529	PL.17458	C	4ACSR	7.39Y	123.1	0.00	2.88	0.71	1	5	2	93	0.00	0.0	3.019	0.015	0	0	0	2
PL.1214	PL.7529	C	4ACSR	7.39Y	123.1	0.00	2.89	0.71	1	5	2	93	0.00	0.0	3.109	0.091	0	0	0	2
017301	PL.1214	C	Consumer	7.39Y	123.1	0.00	2.89	0.02	0	0	0	100	0.00	0.0	3.109	0.000	0	0	1	1
PL.1213	PL.1214	C	4ACSR	7.39Y	123.1	0.00	2.89	0.69	1	5	2	93	0.00	0.0	3.137	0.027	0	0	0	1
017318	PL.1213	C	Consumer	7.39Y	123.1	0.00	2.89	0.69	0	5	2	93	0.00	0.0	3.137	0.000	5	2	1	1
571701	PL.26007	C	Consumer	7.39Y	123.1	0.00	2.88	0.00	0	0	0	100	0.00	0.0	2.898	0.000	0	0	0	0
571702	PL.26007	C	Consumer	7.39Y	123.1	0.00	2.88	0.33	0	2	1	89	0.00	0.0	2.898	0.000	2	1	1	1
CP.14	PL.28051	A	Cap (150)	7.44Y	123.9	0.00	2.08	-7.17	0	0	-53	0	0.00	0.0	2.709	0.000	0	0	0	0
P		B		7.41Y	123.5	0.00	2.50	-7.15	0	0	-53	0			0		0	0	0	0 P
P		C		7.40Y	123.3	0.00	2.74	-7.13	0	0	-53	0			0		0	0	0	0 P
PL.27778	PL.11352	C	4ACSR	7.40Y	123.3	0.00	2.69	3.20	3	22	8	94	0.00	0.0	2.650	0.004	0	0	0	4
PD.2847	PL.27778	C	fuse6AMP	7.40Y	123.3	0.00	2.69	3.20	55	22	8	94	0.00	0.0	2.650	0.000	0	0	0	4
PL.27777	PD.2847	C	4ACSR	7.40Y	123.3	0.01	2.70	3.20	3	22	8	94	0.00	0.0	2.702	0.052	0	0	0	4
573702	PL.27777	C	Consumer	7.40Y	123.3	0.00	2.70	0.40	0	3	1	95	0.00	0.0	2.702	0.000	3	1	1	1
PL.3571	PL.27777	C	4ACSR	7.40Y	123.3	0.01	2.71	2.80	2	20	7	94	0.00	0.0	2.787	0.085	0	0	0	3
PL.3569	PL.3571	C	4ACSR	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	2.851	0.065	0	0	0	0
574701	PL.3569	C	Consumer	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	2.851	0.000	0	0	0	0
PL.7524	PL.3571	C	4ACSR	7.40Y	123.3	0.01	2.72	2.80	2	20	7	94	0.00	0.0	2.837	0.051	0	0	0	3
PL.7523	PL.7524	C	4ACSR	7.40Y	123.3	0.00	2.72	1.86	2	13	5	93	0.00	0.0	2.875	0.037	0	0	0	2
PL.1628	PL.7523	C	4ACSR	7.40Y	123.3	0.00	2.72	1.86	2	13	5	93	0.00	0.0	2.887	0.013	0	0	0	2
017319	PL.1628	C	Consumer	7.40Y	123.3	0.00	2.72	1.12	0	8	3	94	0.00	0.0	2.887	0.000	8	3	1	1
017368	PL.1628	C	Consumer	7.40Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	2.887	0.000	0	0	0	0
017329	PL.1628	C	Consumer	7.40Y	123.3	0.00	2.72	0.74	0	5	2	93	0.00	0.0	2.887	0.000	5	2	1	1
574602	PL.7524	C	Consumer	7.40Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	2.837	0.000	0	0	0	0
5747001	PL.7524	C	Consumer	7.40Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	2.837	0.000	0	0	0	0
574702	PL.7524	C	Consumer	7.40Y	123.3	0.00	2.72	0.94	0	7	2	96	0.00	0.0	2.837	0.000	7	2	1	1
PL.3570	PL.3571	C	4ACSR	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	2.855	0.069	0	0	0	0
PL.11339	PL.11338	A	4/0ACSR	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	2.479	0.017	0	0	0	0
		B		7.42Y	123.7	0.00	2.34	0.00	0	0	0	100			0		0	0	0	0
		C		7.41Y	123.5	0.00	2.53	0.00	0	0	0	100			0		0	0	0	0
0173084	PL.11563	B	Consumer	7.43Y	123.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	2.278	0.000	0	0	0	0
017351	PL.11563	C	Consumer	7.42Y	123.6	0.00	2.35	0.24	0	2	1	89	0.00	0.0	2.278	0.000	2	1	1	1
0173088	PL.11563	B	Consumer	7.43Y	123.8	0.00	2.22	0.37	0	3	1	95	0.00	0.0	2.278	0.000	3	1	1	1
0173086	PL.11563	B	Consumer	7.43Y	123.8	0.00	2.22	0.97	0	7	2	96	0.00	0.0	2.278	0.000	7	2	1	1
PL.16073	PL.5875	A	4ACSR	7.45Y	124.2	0.00	1.77	0.92	1	6	2	95	0.00	0.0	2.055	0.006	0	0	0	1
PD.1901	PL.16073	A	fuse6AMP	7.45Y	124.2	0.00	1.77	0.92	16	6	2	95	0.00	0.0	2.055	0.000	0	0	0	1
PL.16074	PD.1901	A	4ACSR	7.45Y	124.2	0.00	1.77	0.92	1	6	2	95	0.00	0.0	2.113	0.058	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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			
017353	PL.16074	A	Consumer	7.45Y	124.2	0.00	1.77	0.92	0	6	2	95	0.00	0.0	2.113	0.000	6	2	1	1
PL.39874	PL.39875	A	2ACSR	7.46Y	124.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	2.077	0.092	0	0	0	0
		B		7.44Y	124.0	0.00	2.03	0.10	0	1	0	91					0	0	0	2
		C		7.44Y	123.9	-0.00	2.06	0.00	0	0	0	100					0	0	0	0
0183123	PL.39874	B	Consumer	7.44Y	124.0	0.00	2.03	0.07	0	0	0	100	0.00	0.0	2.077	0.000	0	0	1	1
018320	PL.39874	B	Consumer	7.44Y	124.0	0.00	2.03	0.02	0	0	0	100	0.00	0.0	2.077	0.000	0	0	1	1
018303	PL.5878	B	Consumer	7.44Y	124.0	0.00	2.00	0.19	0	1	0	100	0.00	0.0	1.948	0.000	1	0	1	1
018315	PL.5878	B	Consumer	7.44Y	124.0	0.00	2.00	0.91	0	6	2	95	0.00	0.0	1.948	0.000	6	2	1	1
018306	PL.5878	B	Consumer	7.44Y	124.0	0.00	2.00	0.54	0	4	1	97	0.00	0.0	1.948	0.000	4	1	1	1
018325	PL.5878	B	Consumer	7.44Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	1.948	0.000	0	0	0	0
018399	PL.5834	A	Consumer	7.46Y	124.3	0.00	1.66	1.18	0	8	3	94	0.00	0.0	1.839	0.000	8	3	1	1
018361	PL.5834	A	Consumer	7.46Y	124.3	0.00	1.66	1.13	0	8	3	94	0.00	0.0	1.839	0.000	8	3	1	1
018360	PL.5834	A	Consumer	7.46Y	124.3	0.00	1.66	1.32	0	9	3	95	0.00	0.0	1.839	0.000	9	3	1	1
018316	PL.5834	B	Consumer	7.44Y	124.1	0.00	1.93	0.52	0	4	1	97	0.00	0.0	1.839	0.000	4	1	1	1
PL.16916	PL.5834	A	4ACSR	7.46Y	124.3	0.00	1.67	1.16	1	8	3	94	0.00	0.0	1.847	0.008	0	0	0	4
PD.1799	PL.16916	A	fuse6AMP	7.46Y	124.3	0.00	1.67	1.16	20	8	3	94	0.00	0.0	1.847	0.000	0	0	0	4
PL.16072	PD.1799	A	4ACSR	7.46Y	124.3	0.01	1.67	1.16	1	8	3	94	0.00	0.0	1.944	0.097	0	0	0	4
018324	PL.16072	A	Consumer	7.46Y	124.3	0.00	1.67	0.00	0	0	0	100	0.00	0.0	1.944	0.000	0	0	0	0
0183107	PL.16072	A	Consumer	7.46Y	124.3	0.00	1.67	0.70	0	5	2	93	0.00	0.0	1.944	0.000	5	2	1	1
018348	PL.16072	A	Consumer	7.46Y	124.3	0.00	1.67	0.30	0	2	1	89	0.00	0.0	1.944	0.000	2	1	1	1
0183108	PL.16072	A	Consumer	7.46Y	124.3	0.00	1.67	0.14	0	1	0	100	0.00	0.0	1.944	0.000	1	0	1	1
018376	PL.16072	A	Consumer	7.46Y	124.3	0.00	1.67	0.01	0	0	0	100	0.00	0.0	1.944	0.000	0	0	1	1
PL.16912	PL.11561	A	4ACSR	7.46Y	124.4	0.00	1.62	3.06	3	22	8	94	0.00	0.0	1.762	0.004	0	0	0	4
PD.1900	PL.16912	A	fuse6AMP	7.46Y	124.4	0.00	1.62	3.06	52	22	8	94	0.00	0.0	1.762	0.000	0	0	0	4
PL.16913	PD.1900	A	4ACSR	7.46Y	124.4	0.01	1.63	3.06	3	22	8	94	0.00	0.0	1.821	0.059	0	0	0	4
018379	PL.16913	A	Consumer	7.46Y	124.4	0.00	1.63	0.83	0	6	2	95	0.00	0.0	1.821	0.000	6	2	1	1
018395	PL.16913	A	Consumer	7.46Y	124.4	0.00	1.63	0.59	0	4	1	97	0.00	0.0	1.821	0.000	4	1	1	1
018386	PL.16913	A	Consumer	7.46Y	124.4	0.00	1.63	0.50	0	4	1	97	0.00	0.0	1.821	0.000	4	1	1	1
018357	PL.16913	A	Consumer	7.46Y	124.4	0.00	1.63	1.14	0	8	3	94	0.00	0.0	1.821	0.000	8	3	1	1
PL.45441	PL.17834	C	2ACSR	7.46Y	124.3	0.00	1.73	0.00	0	0	0	100	0.00	0.0	1.714	0.062	0	0	0	0
0183120	PL.45441	C	Consumer	7.46Y	124.3	0.00	1.73	0.00	0	0	0	100	0.00	0.0	1.714	0.000	0	0	0	0
PL.45442	PL.45441	C	2ACSR	7.46Y	124.3	0.00	1.73	0.00	0	0	0	100	0.00	0.0	1.769	0.055	0	0	0	0
0183137	PL.45442	C	Consumer	7.46Y	124.3	0.00	1.73	0.00	0	0	0	100	0.00	0.0	1.769	0.000	0	0	0	0
0183136	PL.44251	B	Consumer	7.46Y	124.3	0.00	1.75	0.62	0	4	2	89	0.00	0.0	1.578	0.000	4	2	1	1
018314	PL.6090	B	Consumer	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	1.514	0.000	0	0	0	0
018323	PL.6090	B	Consumer	7.46Y	124.3	0.00	1.70	1.29	0	9	3	95	0.00	0.0	1.514	0.000	9	3	1	1
0183111	PL.6090	B	Consumer	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	1.514	0.000	0	0	0	0
0183131	PL.19513	B	Consumer	7.46Y	124.4	0.00	1.62	0.70	0	5	2	93	0.00	0.0	1.412	0.000	5	2	1	1
0184113	PL.19513	B	Consumer	7.46Y	124.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	1.412	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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-'.

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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	% PF	kW Loss	% Loss								
PL.6125	PL.19674	A	4/0ACSR	7.51Y	125.1	-0.00	0.88	0.00	0	0	0	100	0.00	0.0	0.958	0.038	0	0	0	0		
		B		7.50Y	124.9	0.00	1.06	0.00	0	0	0	100		0			0	0	0	0		
		C		7.50Y	125.1	0.00	0.93	2.96	1	21	7	94		0			0	0	4			
018442	PL.6125	A	Consumer	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	0.958	0.000	0	0	0	0		
018441	PL.6125	C	Consumer	7.50Y	125.1	0.00	0.93	0.94	0	7	2	96	0.00	0.0	0.958	0.000	7	2	1	1		
018497	PL.6125	C	Consumer	7.50Y	125.1	0.00	0.93	0.56	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	0.88	0.00	0	0	0	100	0.00	0.0	1.013	0.054	0	0	0	0		
		B		7.50Y	124.9	0.00	1.06	0.00	0	0	0	100		0			0	0	0			
		C		7.50Y	125.1	0.00	0.93	1.46	1	10	4	94		0			0	0	2			
PL.23762	PL.6126	A	4/0ACSR	7.51Y	125.1	-0.00	0.88	0.00	0	0	0	100	0.00	0.0	1.041	0.028	0	0	0	0		
		B		7.50Y	124.9	0.00	1.06	0.00	0	0	0	100		0			0	0	0			
		C		7.50Y	125.1	0.00	0.93	1.46	1	10	4	94		0			0	0	2			
0184102	PL.23762	C	Consumer	7.50Y	125.1	0.00	0.93	0.98	0	7	2	96	0.00	0.0	1.041	0.000	7	2	1	1		
0184100	PL.23762	C	Consumer	7.50Y	125.1	0.00	0.93	0.47	0	3	1	95	0.00	0.0	1.041	0.000	3	1	1	1		
018401	PL.19673	C	Consumer	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	0.880	0.000	0	0	0	0		
0184107	PL.19673	C	Consumer	7.50Y	125.1	0.00	0.93	1.29	0	9	3	95	0.00	0.0	0.880	0.000	9	3	1	1		
018409	PL.19673	C	Consumer	7.50Y	125.1	0.00	0.93	0.42	0	3	1	95	0.00	0.0	0.880	0.000	3	1	1	1		
0194113	PL.32841	A	Consumer	7.54Y	125.7	0.00	0.31	0.97	0	7	2	96	0.00	0.0	0.284	0.000	7	2	1	1		

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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	11788	0	0	0	0	0	131	0.00	11919	
KVAR	4440	0	-1290	-15	0	0	258		3392	

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 123.39 volts on PL.30992	2.61 volts on PL.30992	0.41 volts on OH58
B-Phase -> 122.01 volts on PL.4593	3.99 volts on PL.4593	0.63 volts on PL.45429
C-Phase -> 121.01 volts on PL.4601	4.99 volts on PL.4601	0.45 volts on OH58

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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 section for Feeder No. 3 (FRNBURG3) Beginning with Device PD.3891.

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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 rows for various elements like 0324106, PL.43487, PD.8272, etc.

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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. Rows include elements like PL.19912, PL.7383, PL.27829, 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 542601, PL.11269, PL.11270, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.188-A	PL.20124	A	Closed	7.48Y	124.6	0.00	1.38	91.52	0	655	198	96	0.00	0.0	1.610	0.000	0	0	0	106
		B		7.43Y	123.8	0.00	2.20	103.60	0	730	242	95					0	0	0	110
		C		7.41Y	123.4	0.00	2.57	118.56	0	831	283	95					0	0	0	154
PD.188-B	PD.188-A	A	Closed	7.48Y	124.6	0.00	1.38	91.52	0	655	198	96	0.00	0.0	1.610	0.000	0	0	0	106
		B		7.43Y	123.8	0.00	2.20	103.60	0	730	242	95					0	0	0	110
		C		7.41Y	123.4	0.00	2.57	118.56	0	831	283	95					0	0	0	154
PL.20125	PD.188-B	A	336ACSR	7.48Y	124.6	0.01	1.39	91.52	21	655	198	96	0.14	0.0	1.626	0.015	0	0	0	106
		B		7.43Y	123.8	0.01	2.21	103.60	23	730	242	95					0	0	0	110
		C		7.40Y	123.4	0.01	2.59	118.56	27	831	283	95					0	0	0	154
PL.11276	PL.20125	A	336ACSR	7.48Y	124.6	0.01	1.40	88.55	20	635	188	96	0.24	0.0	1.652	0.027	0	0	0	105
		B		7.43Y	123.8	0.03	2.24	103.45	23	729	242	95					0	0	0	109
		C		7.40Y	123.4	0.03	2.61	118.44	27	830	282	95					0	0	0	153
545441	PL.11276	A	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	1.652	0.000	0	0	0	0
		C		7.40Y	123.4	0.00	2.61	0.00	0	0	0	100					0	0	0	0
544408	PL.11276	A	Consumer	7.48Y	124.6	0.00	1.40	0.48	0	3	2	83	0.00	0.0	1.652	0.000	3	2	1	1
		C		7.40Y	123.4	0.00	2.61	0.49	0	3	2	90					3	2	1	1
545443	PL.11276	A	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	1.652	0.000	0	0	0	0
		C		7.40Y	123.4	0.00	2.61	0.00	0	0	0	100					0	0	0	0
545439	PL.11276	A	Consumer	7.48Y	124.6	0.00	1.40	3.99	0	25	16	84	0.00	0.0	1.652	0.000	25	16	0	0
		B		7.43Y	123.8	0.00	2.24	4.02	0	25	16	85					25	16	0	0
		C		7.40Y	123.4	0.00	2.61	4.03	0	25	16	85					25	16	0	0
544402	PL.11276	A	Consumer	7.48Y	124.6	0.00	1.40	0.05	0	0	0	100	0.00	0.0	1.652	0.000	0	0	1	1
		C		7.40Y	123.4	0.00	2.61	0.05	0	0	0	90					0	0	1	1
545438	PL.11276	A	Consumer	7.48Y	124.6	0.00	1.40	0.93	0	6	3	89	0.00	0.0	1.652	0.000	6	3	1	1
		C		7.40Y	123.4	0.00	2.61	0.94	0	6	3	90					6	3	1	1
545444	PL.11276	A	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	1.652	0.000	0	0	0	0
		C		7.40Y	123.4	0.00	2.61	0.00	0	0	0	100					0	0	0	0
545413	PL.11276	A	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	1.652	0.000	0	0	0	0
		C		7.40Y	123.4	0.00	2.61	0.00	0	0	0	100					0	0	0	0
545440	PL.11276	A	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	1.652	0.000	0	0	0	0
		C		7.40Y	123.4	0.00	2.61	0.00	0	0	0	100					0	0	0	0
545442	PL.11276	A	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	1.652	0.000	0	0	0	0
		C		7.40Y	123.4	0.00	2.61	0.00	0	0	0	100					0	0	0	0
544407	PL.11276	A	Consumer	7.48Y	124.6	0.00	1.40	0.20	0	1	1	71	0.00	0.0	1.652	0.000	1	1	1	1
		C		7.40Y	123.4	0.00	2.61	0.20	0	1	1	93					1	1	1	1
545436	PL.11276	A	Consumer	7.48Y	124.6	0.00	1.40	0.10	0	1	0	100	0.00	0.0	1.652	0.000	1	0	1	1
		C		7.40Y	123.4	0.00	2.61	0.10	0	1	0	90					1	0	1	1
545445	PL.11276	A	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	1.652	0.000	0	0	0	0
		C		7.40Y	123.4	0.00	2.61	0.00	0	0	0	100					0	0	0	0
545404	PL.11276	A	Consumer	7.48Y	124.6	0.00	1.40	0.68	0	5	2	93	0.00	0.0	1.652	0.000	5	2	1	1
		C		7.40Y	123.4	0.00	2.61	0.69	0	5	2	93					5	2	1	1
PL.11277	PL.11276	A	336ACSR	7.47Y	124.6	0.01	1.42	82.28	19	593	165	96	0.26	0.0	1.685	0.033	0	0	0	102
		B		7.42Y	123.7	0.03	2.27	99.54	23	704	226	95					0	0	0	108
		C		7.40Y	123.4	0.03	2.64	112.06	25	788	258	95					0	0	0	150
PL.3526	PL.11277	C	4ACSR	7.40Y	123.4	0.00	2.64	0.00	0	0	0	100	0.00	0.0	1.727	0.042	0	0	0	0
PL.11275	PL.11277	A	336ACSR	7.47Y	124.6	0.00	1.42	82.28	19	593	165	96	0.07	0.0	1.694	0.008	0	0	0	102
		B		7.42Y	123.7	0.01	2.28	99.54	23	704	226	95					0	0	0	108
		C		7.40Y	123.4	0.01	2.65	112.06	25	788	258	95					0	0	0	150
545403	PL.11275	B	Consumer	7.42Y	123.7	0.00	2.28	0.10	0	1	0	100	0.00	0.0	1.694	0.000	1	0	1	1
PL.25739	PL.11275	A	336ACSR	7.47Y	124.6	0.00	1.43	82.28	19	593	165	96	0.09	0.0	1.705	0.012	0	0	0	102
		B		7.42Y	123.7	0.01	2.29	99.44	22	703	225	95					0	0	0	107
		C		7.40Y	123.3	0.01	2.66	112.06	25	788	258	95					0	0	0	150

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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.42936	PL.25739	A	4ACSR	7.47Y	124.6	0.00	1.43	2.15	2	14	7	89	0.00	0.0	1.707	0.002	0	0	0	2
		B		7.42Y	123.7	0.00	2.29	2.17	2	14	7	90					0	0	0	2
PD.8188	PL.42936	A	fuse8AMP	7.47Y	124.6	0.00	1.43	2.15	29	14	7	89	0.00	0.0	1.707	0.000	0	0	0	2
		B		7.42Y	123.7	0.00	2.29	2.17	30	14	7	90					0	0	0	2
PL.42937	PD.8188	A	4ACSR	7.47Y	124.6	0.00	1.43	2.15	2	14	7	89	0.00	0.0	1.723	0.016	0	0	0	2
		B		7.42Y	123.7	0.00	2.29	2.17	2	14	7	90					0	0	0	2
545427	PL.42937	A	Consumer	7.47Y	124.6	0.00	1.43	0.44	0	3	1	95	0.00	0.0	1.723	0.000	3	1	1	1
		B		7.42Y	123.7	0.00	2.29	0.45	0	3	1	90					3	1	1	1
545425	PL.42937	A	Consumer	7.47Y	124.6	0.00	1.43	0.15	0	1	0	100	0.00	0.0	1.723	0.000	1	0	1	1
		B		7.42Y	123.7	0.00	2.29	0.15	0	1	0	90					1	0	1	1
545426	PL.42937	A	Consumer	7.47Y	124.6	0.00	1.43	1.56	0	10	5	89	0.00	0.0	1.723	0.000	10	5	1	1
		B		7.42Y	123.7	0.00	2.29	1.57	0	10	5	90					10	5	1	1
PL.42934	PL.25739	A	2ACSR	7.47Y	124.6	0.00	1.43	1.14	1	8	4	89	0.00	0.0	1.709	0.003	0	0	0	0
		B		7.42Y	123.7	0.00	2.29	1.71	1	11	6	90					0	0	0	1
		C		7.40Y	123.3	0.00	2.66	1.16	1	8	4	90					0	0	0	0
PD.8187	PL.42934	A	fuse8AMP	7.47Y	124.6	0.00	1.43	1.14	16	8	4	89	0.00	0.0	1.709	0.000	0	0	0	0
		B		7.42Y	123.7	0.00	2.29	1.71	23	11	6	90					0	0	0	1
		C		7.40Y	123.3	0.00	2.66	1.16	16	8	4	90					0	0	0	0
PL.42935	PD.8187	A	2ACSR	7.47Y	124.6	0.00	1.43	1.14	1	8	4	89	0.00	0.0	1.735	0.026	0	0	0	0
		B		7.42Y	123.7	0.00	2.29	1.71	1	11	6	90					0	0	0	1
		C		7.40Y	123.3	0.00	2.66	1.16	1	8	4	90					0	0	0	0
PL.41334	PL.42935	B	4ACSR	7.42Y	123.7	0.00	2.29	0.56	0	4	2	89	0.00	0.0	1.759	0.024	0	0	0	1
544410	PL.41334	B	Consumer	7.42Y	123.7	0.00	2.29	0.56	0	4	2	89	0.00	0.0	1.759	0.000	4	2	1	1
545401	PL.42935	A	Consumer	7.47Y	124.6	0.00	1.43	1.14	0	8	4	89	0.00	0.0	1.735	0.000	8	4	0	0
		B		7.42Y	123.7	0.00	2.29	1.15	0	8	4	90					8	4	0	0
		C		7.40Y	123.3	0.00	2.66	1.16	0	8	4	90					8	4	0	0
PL.25740	PL.25739	A	336ACSR	7.47Y	124.6	0.02	1.45	79.04	18	570	154	97	0.41	0.0	1.759	0.054	0	0	0	100
		B		7.42Y	123.7	0.05	2.33	95.20	22	674	212	95					0	0	0	104
		C		7.40Y	123.3	0.05	2.71	110.10	25	775	252	95					0	0	0	147
545311	PL.25740	B	Consumer	7.42Y	123.7	0.00	2.33	2.47	0	16	8	89	0.00	0.0	1.759	0.000	16	8	1	1
545314	PL.25740	B	Consumer	7.42Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	1.759	0.000	0	0	0	0
545315	PL.25740	B	Consumer	7.42Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	1.759	0.000	0	0	0	0
544311	PL.25740	B	Consumer	7.42Y	123.7	0.00	2.33	0.69	0	5	2	93	0.00	0.0	1.759	0.000	5	2	1	1
PL.42938	PL.25740	A	4ACSR	7.47Y	124.6	0.00	1.45	2.83	2	19	9	90	0.00	0.0	1.764	0.005	0	0	0	8
		C		7.40Y	123.3	0.00	2.71	2.98	3	20	9	91					0	0	0	7
PD.8189	PL.42938	A	fuse8AMP	7.47Y	124.6	0.00	1.45	2.83	39	19	9	90	0.00	0.0	1.764	0.000	0	0	0	8
		C		7.40Y	123.3	0.00	2.71	2.98	41	20	9	91					0	0	0	7
PL.42939	PD.8189	A	4ACSR	7.47Y	124.5	0.00	1.45	2.83	2	19	9	90	0.00	0.0	1.798	0.034	0	0	0	8
		C		7.40Y	123.3	0.00	2.71	2.98	3	20	9	91					0	0	0	7
PL.3523	PL.42939	A	4ACSR	7.47Y	124.5	0.00	1.45	1.20	1	8	3	94	0.00	0.0	1.821	0.023	0	0	0	4
545308	PL.3523	A	Consumer	7.47Y	124.5	0.00	1.45	0.46	0	3	1	95	0.00	0.0	1.821	0.000	3	1	1	1
545312	PL.3523	A	Consumer	7.47Y	124.5	0.00	1.45	0.28	0	2	1	89	0.00	0.0	1.821	0.000	2	1	1	1
545303	PL.3523	A	Consumer	7.47Y	124.5	0.00	1.45	0.15	0	1	0	100	0.00	0.0	1.821	0.000	1	0	1	1
545307	PL.3523	A	Consumer	7.47Y	124.5	0.00	1.45	0.31	0	2	1	89	0.00	0.0	1.821	0.000	2	1	1	1
PL.25743	PL.42939	A	4ACSR	7.47Y	124.5	0.00	1.45	1.63	1	11	5	91	0.00	0.0	1.817	0.018	0	0	0	4
		C		7.40Y	123.3	0.00	2.72	2.98	3	20	9	91					0	0	0	7
PL.7376	PL.25743	A	4ACSR	7.47Y	124.5	0.00	1.45	0.97	1	7	3	92	0.00	0.0	1.886	0.069	0	0	0	2
		C		7.40Y	123.3	0.01	2.72	2.98	3	20	9	91					0	0	0	7

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.3527, 545512, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

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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	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
545218	PL.3518	C	Consumer	7.39Y	123.1	0.00	2.88	0.23	0	2	1	89	0.00	0.0	2.041	0.000	2	1	1	1
545221	PL.3518	C	Consumer	7.39Y	123.1	0.00	2.88	0.26	0	2	1	89	0.00	0.0	2.041	0.000	2	1	1	1
545204	PL.3518	A	Consumer	7.47Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	2.041	0.000	0	0	0	0
545219	PL.3518	C	Consumer	7.39Y	123.1	0.00	2.88	0.12	0	1	0	100	0.00	0.0	2.041	0.000	1	0	1	1
545220	PL.3518	C	Consumer	7.39Y	123.1	0.00	2.88	0.33	0	2	1	89	0.00	0.0	2.041	0.000	2	1	1	1
545222	PL.3518	C	Consumer	7.39Y	123.1	0.00	2.88	0.00	0	0	0	100	0.00	0.0	2.041	0.000	0	0	0	0
PL.25744	PL.3518	A	4ACSR	7.47Y	124.4	0.02	1.57	9.87	8	66	32	90	0.01	0.0	2.075	0.034	0	0	0	5
		C		7.39Y	123.1	0.00	2.88	1.54	1	11	4	93			0	0	0	0	9	
PL.18028	PL.25744	C	4ACSR	7.39Y	123.1	0.00	2.88	0.25	0	2	1	89	0.00	0.0	2.079	0.004	0	0	0	2
PD.2829	PL.18028	C	fuse6AMP	7.39Y	123.1	0.00	2.88	0.25	4	2	1	89	0.00	0.0	2.079	0.000	0	0	0	2
PL.18029	PD.2829	C	4ACSR	7.39Y	123.1	0.00	2.88	0.25	0	2	1	89	0.00	0.0	2.095	0.016	0	0	0	2
545215	PL.18029	C	Consumer	7.39Y	123.1	0.00	2.88	0.05	0	0	0	100	0.00	0.0	2.095	0.000	0	0	1	1
545213	PL.18029	C	Consumer	7.39Y	123.1	0.00	2.88	0.20	0	1	1	71	0.00	0.0	2.095	0.000	1	1	1	1
PL.3520	PL.18029	C	4ACSR	7.39Y	123.1	0.00	2.88	0.00	0	0	0	100	0.00	0.0	2.158	0.063	0	0	0	0
5441001	PL.3520	C	Consumer	7.39Y	123.1	0.00	2.88	0.00	0	0	0	100	0.00	0.0	2.158	0.000	0	0	0	0
545225	PL.25744	C	Consumer	7.39Y	123.1	0.00	2.88	0.29	0	2	1	89	0.00	0.0	2.075	0.000	2	1	1	1
545223	PL.25744	C	Consumer	7.39Y	123.1	0.00	2.88	0.31	0	2	1	89	0.00	0.0	2.075	0.000	2	1	1	1
544204	PL.25744	C	Consumer	7.39Y	123.1	0.00	2.88	0.19	0	1	0	100	0.00	0.0	2.075	0.000	1	0	1	1
PL.25745	PL.25744	A	4ACSR	7.46Y	124.4	0.03	1.60	9.87	8	66	32	90	0.02	0.0	2.142	0.067	0	0	0	5
		C		7.39Y	123.1	0.00	2.88	0.51	0	4	1	93			0	0	0	0	4	
PL.6972	PL.25745	A	4ACSR	7.46Y	124.4	0.01	1.61	3.77	3	25	12	90	0.00	0.0	2.181	0.039	0	0	0	3
		C		7.39Y	123.1	0.00	2.88	0.48	0	3	1	93			0	0	0	0	3	
544303	PL.6972	A	Consumer	7.46Y	124.4	0.00	1.61	0.52	0	4	1	97	0.00	0.0	2.181	0.000	4	1	1	1
544304	PL.6972	A	Consumer	7.46Y	124.4	0.00	1.61	0.76	0	5	2	93	0.00	0.0	2.181	0.000	5	2	1	1
PL.6973	PL.6972	A	4ACSR	7.46Y	124.4	0.01	1.61	2.49	2	17	8	90	0.00	0.0	2.228	0.047	0	0	0	1
		C		7.39Y	123.1	0.00	2.88	0.48	0	3	1	93			0	0	0	0	3	
544305	PL.6973	C	Consumer	7.39Y	123.1	0.00	2.88	0.23	0	2	1	89	0.00	0.0	2.228	0.000	2	1	1	1
544314	PL.6973	C	Consumer	7.39Y	123.1	0.00	2.88	0.09	0	1	0	100	0.00	0.0	2.228	0.000	1	0	1	1
544306	PL.6973	C	Consumer	7.39Y	123.1	0.00	2.88	0.16	0	1	0	100	0.00	0.0	2.228	0.000	1	0	1	1
544313	PL.6973	A	Consumer	7.46Y	124.4	0.00	1.61	2.49	0	17	8	90	0.00	0.0	2.228	0.000	17	8	1	1
544315	PL.6973	A	Consumer	7.46Y	124.4	0.00	1.61	0.00	0	0	0	100	0.00	0.0	2.228	0.000	0	0	0	0
544302	PL.25745	C	Consumer	7.39Y	123.1	0.00	2.88	0.03	0	0	0	100	0.00	0.0	2.142	0.000	0	0	1	1
PL.18614	PL.25745	A	4ACSR	7.46Y	124.4	0.01	1.61	6.10	5	41	20	90	0.00	0.0	2.163	0.020	0	0	0	2
PL.18615	PL.18614	A	4ACSR	7.46Y	124.4	0.01	1.62	5.24	4	35	17	90	0.00	0.0	2.205	0.043	0	0	0	1
545226	PL.18615	A	Consumer	7.46Y	124.4	0.00	1.62	5.24	0	35	17	90	0.00	0.0	2.205	0.000	35	17	1	1
544206	PL.18614	A	Consumer	7.46Y	124.4	0.00	1.61	0.86	0	6	3	89	0.00	0.0	2.163	0.000	6	3	1	1
545216	PL.42941	A	Consumer	7.47Y	124.5	0.00	1.54	0.39	0	3	1	95	0.00	0.0	2.002	0.000	3	1	1	1
545211	PL.42941	A	Consumer	7.47Y	124.5	0.00	1.54	0.00	0	0	0	100	0.00	0.0	2.002	0.000	0	0	1	1
545202	PL.42941	A	Consumer	7.47Y	124.5	0.00	1.54	0.12	0	1	0	100	0.00	0.0	2.002	0.000	1	0	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. Rows include elements like PL.25746, PL.42942, C PD.8191, PL.42943, 545217, 545208, 545209, PL.25747, PL.25748, PL.22958, PL.42944, PL.42945, PL.25749, PL.26028, PL.21584, PL.21588, 034394, 034389, 034393, 034390, 034391, 034392, 034396, 034395, PL.42950.

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, Units Displayed In Volts (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 various elements like PD.8195, PL.42951, PL.26032, PL.17419, PL.27920, PL.28681, PL.28682, and RG.12.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 CWP.WM\
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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-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
034303	PL.28682	B	Consumer	7.56Y	125.9	0.00	0.05	0.48	0	3	1	95	0.00	0.0	2.597	0.000	3	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	0.05	0.00	0	0	0	90					0	0	0	0
		C		7.56Y	126.0	0.00	0.05	0.00	0	0	0	90					0	0	0	0
034344	PL.28682	B	Consumer	7.56Y	125.9	0.00	0.05	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	1.02	0	7	3	92	0.00	0.0	2.597	0.000	7	3	0	0
		B		7.56Y	125.9	0.00	0.05	1.02	0	7	3	90					7	3	0	0
		C		7.56Y	126.0	0.00	0.05	1.02	0	7	3	90					7	3	0	0
034353	PL.28682	B	Consumer	7.56Y	125.9	0.00	0.05	1.29	0	9	4	91	0.00	0.0	2.597	0.000	9	4	1	1
PL.6296	PL.28682	A	336ACSR	7.56Y	126.0	0.00	0.01	45.88	10	343	54	99	0.29	0.0	2.666	0.069	0	0	0	28
		B		7.55Y	125.9	0.05	0.10	70.18	16	514	131	97					0	0	0	85
		C		7.55Y	125.9	0.05	0.09	89.40	20	650	183	96					0	0	0	117
PL.6295	PL.6296	A	336ACSR	7.56Y	126.0	0.00	0.01	45.88	10	343	54	99	0.10	0.0	2.691	0.025	0	0	0	28
		B		7.55Y	125.9	0.02	0.12	63.87	14	469	111	97					0	0	0	61
		C		7.55Y	125.9	0.02	0.11	89.40	20	650	183	96					0	0	0	117
PL.18578	PL.6295	A	336ACSR	7.56Y	126.0	0.00	0.01	45.88	10	343	54	99	0.23	0.0	2.752	0.060	0	0	0	28
		B		7.55Y	125.8	0.04	0.15	63.30	14	465	110	97					0	0	0	57
		C		7.55Y	125.8	0.04	0.15	85.39	19	622	169	96					0	0	0	115
PD.266-A	PL.18578	A	Closed	7.56Y	126.0	0.00	0.01	45.88	0	343	54	99	0.00	0.0	2.752	0.000	0	0	0	28
		B		7.55Y	125.8	0.00	0.15	63.30	0	465	109	97					0	0	0	57
		C		7.55Y	125.8	0.00	0.15	85.39	0	622	169	97					0	0	0	115
PD.266-B	PD.266-A	A	Closed	7.56Y	126.0	0.00	0.01	45.88	0	343	54	99	0.00	0.0	2.752	0.000	0	0	0	28
		B		7.55Y	125.8	0.00	0.15	63.30	0	465	109	97					0	0	0	57
		C		7.55Y	125.8	0.00	0.15	85.39	0	622	169	97					0	0	0	115
PL.28038	PD.266-B	A	336ACSR	7.56Y	126.0	0.00	0.01	45.88	10	343	54	99	0.09	0.0	2.775	0.023	0	0	0	28
		B		7.55Y	125.8	0.01	0.17	63.30	14	465	109	97					0	0	0	57
		C		7.55Y	125.8	0.02	0.17	85.39	19	622	169	97					0	0	0	115
PL.28039	PL.28038	A	336ACSR	7.56Y	126.0	0.00	0.01	47.57	11	343	109	95	0.12	0.0	2.806	0.031	0	0	0	28
		B		7.55Y	125.8	0.02	0.19	65.36	15	465	164	94					0	0	0	57
		C		7.55Y	125.8	0.02	0.19	87.58	20	622	224	94					0	0	0	115
PL.1743	PL.28039	A	2ACSR	7.56Y	126.0	0.01	0.03	10.43	7	67	42	85	0.02	0.0	2.848	0.042	0	0	0	1
		B		7.55Y	125.8	0.01	0.20	10.45	7	67	42	85					0	0	0	1
		C		7.55Y	125.8	0.01	0.20	10.45	7	67	42	85					0	0	0	1
034317	PL.1743	A	Consumer	7.56Y	126.0	0.00	0.03	1.47	0	9	6	83	0.00	0.0	2.848	0.000	9	6	0	0
		B		7.55Y	125.8	0.00	0.20	1.47	0	9	6	85					9	6	0	0
		C		7.55Y	125.8	0.00	0.20	1.47	0	9	6	85					9	6	0	0
PL.31010	PL.1743	A	2ACSR	7.56Y	126.0	0.00	0.03	8.97	6	58	36	85	0.00	0.0	2.855	0.007	0	0	0	0
		B		7.55Y	125.8	0.00	0.20	8.98	6	58	36	85					0	0	0	0
		C		7.55Y	125.8	0.00	0.20	8.98	6	58	36	85					0	0	0	0
0343111	PL.31010	A	Consumer	7.56Y	126.0	0.00	0.03	8.97	0	58	36	85	0.00	0.0	2.855	0.000	58	36	0	0
		B		7.55Y	125.8	0.00	0.20	8.98	0	58	36	85					58	36	0	0
		C		7.55Y	125.8	0.00	0.20	8.98	0	58	36	85					58	36	0	0
0333064	PL.28039	A	Consumer	7.56Y	126.0	0.00	0.01	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	0.19	0.04	0	0	0	100	0.00	0.0	2.806	0.000	0	0	1	1
PL.6310	PL.28039	A	336ACSR	7.56Y	126.0	0.00	0.02	37.54	8	276	67	97	0.22	0.0	2.878	0.072	0	0	0	27
		B		7.55Y	125.8	0.04	0.23	55.20	12	398	123	96					0	0	0	56
		C		7.55Y	125.8	0.05	0.24	77.36	18	555	182	95					0	0	0	113
OCD59	PL.6310	A	VWVE	7.56Y	126.0	0.00	0.02	29.05	0	215	44	98	0.00	0.0	2.878	0.000	0	0	0	3
		B		7.55Y	125.8	0.00	0.23	37.30	0	274	66	97					0	0	0	27
		C		7.55Y	125.8	0.00	0.24	56.69	0	409	124	96					0	0	0	62
PL.6294	OCD59	A	1/0ACSR	7.56Y	126.0	0.01	0.03	29.05	14	215	44	98	0.31	0.0	2.942	0.063	0	0	0	3
		B		7.54Y	125.7	0.05	0.28	37.30	19	274	66	97					0	0	0	27
		C		7.54Y	125.7	0.07	0.31	56.69	28	409	124	96					0	0	0	62

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

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.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.

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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.28007, 034211, PL.42187, PD.7639-A, PD.7639-B, PL.42188, PL.32984, PL.19881, PL.19882, 034247, PL.27957, PL.27958, PL.12013, PL.1737, PL.28293, 034222, PL.1736, 034221, PL.20832, PD.3416, PL.39507.

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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. Rows include elements like PL.39508, PL.39506, PL.18003, etc.

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
025917	PL.42203	C	Consumer	7.40Y	123.4	0.00	2.62	0.93	0	6	3	89	0.00	0.0	5.564	0.000	6	3	1	1
PL.42200	PL.6231	C	4ACSR	7.40Y	123.4	0.01	2.63	18.83	16	130	50	93	0.01	0.0	5.517	0.010	0	0	0	43
PD.7644-A	PL.42200	C	Closed	7.40Y	123.4	0.00	2.63	18.83	0	130	50	93	0.00	0.0	5.517	0.000	0	0	0	43
PD.7644-B	PD.7644-A	C	Closed	7.40Y	123.4	0.00	2.63	18.83	0	130	50	93	0.00	0.0	5.517	0.000	0	0	0	43
PL.42201	PD.7644-B	C	4ACSR	7.40Y	123.3	0.03	2.66	18.83	16	130	50	93	0.03	0.0	5.555	0.038	0	0	0	43
PL.6229	PL.42201	C	4ACSR	7.39Y	123.1	0.25	2.91	17.78	15	123	47	93	0.23	0.2	5.859	0.305	0	0	0	41
PL.6227	PL.6229	C	4ACSR	7.37Y	122.8	0.26	3.16	16.78	14	116	44	93	0.23	0.2	6.194	0.335	0	0	0	39
PL.26482	PL.6227	C	4ACSR	7.37Y	122.8	0.07	3.23	15.28	13	105	40	93	0.06	0.1	6.295	0.101	0	0	0	34
PD.225-B	PL.26482	C	Closed	7.37Y	122.8	0.00	3.23	15.28	0	105	40	93	0.00	0.0	6.295	0.000	0	0	0	34
PD.225-A	PD.225-B	C	Closed	7.37Y	122.8	0.00	3.23	15.28	0	105	40	93	0.00	0.0	6.295	0.000	0	0	0	34
PL.26481	PD.225-A	C	4ACSR	7.36Y	122.7	0.09	3.32	15.28	13	105	40	93	0.07	0.1	6.420	0.125	0	0	0	34
PL.6226	PL.26481	C	4ACSR	7.35Y	122.6	0.12	3.44	15.20	13	105	40	93	0.10	0.1	6.596	0.176	0	0	0	33
PL.40691	PL.6226	C	4ACSR	7.35Y	122.5	0.02	3.46	11.36	10	78	30	93	0.01	0.0	6.630	0.034	0	0	0	25
PL.40690	PL.40691	C	4ACSR	7.35Y	122.5	0.01	3.47	10.64	9	73	28	93	0.01	0.0	6.653	0.023	0	0	0	24
PL.41169	PL.40690	C	4ACSR	7.34Y	122.4	0.14	3.61	9.65	8	66	25	94	0.07	0.1	6.971	0.319	0	0	0	23
PL.41171	PL.41169	C	2ACSR	7.34Y	122.4	0.02	3.63	9.65	6	66	25	94	0.01	0.0	7.031	0.059	0	0	0	23
PD.7619-B	PL.41171	C	Closed	7.34Y	122.4	0.00	3.63	9.65	0	66	25	94	0.00	0.0	7.031	0.000	0	0	0	23
PD.7619-A	PD.7619-B	C	Closed	7.34Y	122.4	0.00	3.63	9.65	0	66	25	94	0.00	0.0	7.031	0.000	0	0	0	23
PL.41170	PD.7619-A	C	2ACSR	7.34Y	122.4	0.01	3.64	9.65	6	66	25	94	0.01	0.0	7.065	0.034	0	0	0	23
PL.41166	PL.41170	C	4ACSR	7.34Y	122.3	0.08	3.72	9.65	8	66	25	94	0.04	0.1	7.248	0.183	0	0	0	23
PL.13760	PL.41166	C	4ACSR	7.33Y	122.2	0.07	3.79	8.92	7	61	23	94	0.03	0.0	7.408	0.160	0	0	0	22
PL.41162	PL.13760	C	4ACSR	7.33Y	122.2	0.06	3.85	8.29	7	57	22	93	0.02	0.0	7.558	0.150	0	0	0	21
PD.7617-B	PL.41162	C	Closed	7.33Y	122.2	0.00	3.85	8.29	0	57	22	93	0.00	0.0	7.558	0.000	0	0	0	21
PD.7617-A	PD.7617-B	C	Closed	7.33Y	122.2	0.00	3.85	8.29	0	57	22	93	0.00	0.0	7.558	0.000	0	0	0	21
PL.41161	PD.7617-A	C	4ACSR	7.33Y	122.1	0.00	3.85	8.29	7	57	22	93	0.00	0.0	7.570	0.012	0	0	0	21
PL.13293	PL.41161	C	4ACSR	7.33Y	122.1	0.06	3.91	7.73	6	53	20	94	0.02	0.0	7.735	0.165	0	0	0	19
PL.13292	PL.13293	C	4ACSR	7.32Y	122.1	0.01	3.92	7.73	6	53	20	94	0.01	0.0	7.775	0.041	0	0	0	19
PL.27974	PL.13292	C	4ACSR	7.32Y	122.1	0.01	3.94	7.73	6	53	20	94	0.01	0.0	7.817	0.042	0	0	0	19
PL.27973	PL.27974	C	4ACSR	7.32Y	122.0	0.02	3.95	7.25	6	50	19	93	0.01	0.0	7.864	0.047	0	0	0	18
PL.19203	PL.27973	C	4ACSR	7.32Y	122.0	0.01	3.97	7.25	6	50	19	93	0.01	0.0	7.907	0.043	0	0	0	17
PL.41158	PL.19203	C	4ACSR	7.32Y	122.0	0.01	3.98	6.43	5	44	17	93	0.00	0.0	7.950	0.043	0	0	0	16
PL.41157	PL.41158	C	4ACSR	7.32Y	122.0	0.01	3.99	5.87	5	40	15	94	0.00	0.0	7.985	0.035	0	0	0	14
PL.13291	PL.41157	C	4ACSR	7.32Y	122.0	0.03	4.02	5.87	5	40	15	94	0.01	0.0	8.109	0.124	0	0	0	14
PL.13290	PL.13291	C	4ACSR	7.32Y	122.0	0.01	4.03	5.72	5	39	15	93	0.00	0.0	8.129	0.020	0	0	0	13
PL.6052	PL.13290	C	4ACSR	7.32Y	121.9	0.02	4.05	5.72	5	39	15	93	0.01	0.0	8.218	0.088	0	0	0	13
PL.18264	PL.6052	C	4ACSR	7.32Y	121.9	0.01	4.06	5.34	4	37	14	94	0.00	0.0	8.257	0.039	0	0	0	12
PD.2691	PL.18264	C	15H	7.32Y	121.9	0.00	4.06	5.34	36	37	14	94	0.00	0.0	8.257	0.000	0	0	0	12
PL.18263	PD.2691	C	4ACSR	7.32Y	121.9	0.00	4.06	5.34	4	37	14	94	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\SUMMER\PROPOSED SUMMER 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.6026	PL.18263	C	4ACSR	7.31Y	121.9	0.05	4.12	5.09	4	35	13	94	0.01	0.0	8.486	0.224	0	0	0	11
PL.21383	PL.6026	C	4ACSR	7.31Y	121.9	0.01	4.12	4.60	4	31	12	93	0.00	0.0	8.517	0.031	0	0	0	9
PL.21382	PL.21383	C	4ACSR	7.31Y	121.9	0.01	4.13	3.97	3	27	10	94	0.00	0.0	8.547	0.030	0	0	0	8
PL.13289	PL.21382	C	4ACSR	7.31Y	121.9	0.02	4.15	3.03	3	21	8	93	0.00	0.0	8.696	0.148	0	0	0	5
PL.22735	PL.13289	C	4ACSR	7.31Y	121.8	0.00	4.15	1.28	1	9	3	95	0.00	0.0	8.750	0.055	0	0	0	2
PL.22734	PL.22735	C	4ACSR	7.31Y	121.8	0.00	4.16	1.28	1	9	3	95	0.00	0.0	8.827	0.076	0	0	0	2
PL.40957	PL.22734	C	4ACSR	7.31Y	121.8	0.00	4.16	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	7.31Y	121.8	0.00	4.16	0.00	0	0	0	100	0.00	0.0	9.010	0.000	0	0	0	0
0267046	PL.22734	C	Consumer	7.31Y	121.8	0.00	4.16	1.18	0	8	3	94	0.00	0.0	8.827	0.000	8	3	1	1
026706	PL.22734	C	Consumer	7.31Y	121.8	0.00	4.16	0.10	0	1	0	100	0.00	0.0	8.827	0.000	1	0	1	1
PL.40958	PL.13289	C	4ACSR	7.31Y	121.9	0.00	4.15	0.86	1	6	2	95	0.00	0.0	8.705	0.009	0	0	0	2
PD.7310	PL.40958	C	fuse6AMP	7.31Y	121.9	0.00	4.15	0.86	15	6	2	95	0.00	0.0	8.705	0.000	0	0	0	2
PL.40959	PD.7310	C	4ACSR	7.31Y	121.8	0.00	4.15	0.86	1	6	2	95	0.00	0.0	8.780	0.076	0	0	0	2
PL.6025	PL.40959	C	4ACSR	7.31Y	121.8	0.00	4.15	0.21	0	1	1	71	0.00	0.0	8.854	0.074	0	0	0	1
PL.1966	PL.6025	C	4ACSR	7.31Y	121.8	0.00	4.15	0.00	0	0	0	100	0.00	0.0	8.981	0.127	0	0	0	0
026722	PL.6025	C	Consumer	7.31Y	121.8	0.00	4.15	0.21	0	1	1	71	0.00	0.0	8.854	0.000	1	1	1	1
026709	PL.40959	C	Consumer	7.31Y	121.8	0.00	4.15	0.65	0	4	2	89	0.00	0.0	8.780	0.000	4	2	1	1
026725	PL.13289	C	Consumer	7.31Y	121.9	0.00	4.15	0.90	0	6	2	95	0.00	0.0	8.696	0.000	6	2	1	1
026708	PL.13289	C	Consumer	7.31Y	121.9	0.00	4.15	0.00	0	0	0	100	0.00	0.0	8.696	0.000	0	0	0	0
PL.41150	PL.21382	C	4ACSR	7.31Y	121.9	0.00	4.13	0.94	1	6	2	95	0.00	0.0	8.549	0.002	0	0	0	3
PD.7613	PL.41150	C	fuse6AMP	7.31Y	121.9	0.00	4.13	0.94	16	6	2	95	0.00	0.0	8.549	0.000	0	0	0	3
PL.41151	PD.7613	C	4ACSR	7.31Y	121.9	0.01	4.13	0.94	1	6	2	95	0.00	0.0	8.692	0.143	0	0	0	3
PL.43750	PL.41151	C	4ACSR	7.31Y	121.9	0.00	4.14	0.66	1	4	2	89	0.00	0.0	8.817	0.124	0	0	0	2
026715	PL.43750	C	Consumer	7.31Y	121.9	0.00	4.14	0.53	0	4	1	97	0.00	0.0	8.817	0.000	4	1	1	1
026726	PL.43750	C	Consumer	7.31Y	121.9	0.00	4.14	0.12	0	1	0	100	0.00	0.0	8.817	0.000	1	0	1	1
026723	PL.41151	C	Consumer	7.31Y	121.9	0.00	4.13	0.28	0	2	1	89	0.00	0.0	8.692	0.000	2	1	1	1
026734	PL.21383	C	Consumer	7.31Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	8.517	0.000	0	0	0	0
026733	PL.21383	C	Consumer	7.31Y	121.9	0.00	4.12	0.62	0	4	2	89	0.00	0.0	8.517	0.000	4	2	1	1
026741	PL.6026	C	Consumer	7.31Y	121.9	0.00	4.12	0.44	0	3	1	95	0.00	0.0	8.486	0.000	3	1	1	1
026735	PL.6026	C	Consumer	7.31Y	121.9	0.00	4.12	0.05	0	0	0	100	0.00	0.0	8.486	0.000	0	0	1	1
026740	PL.18263	C	Consumer	7.32Y	121.9	0.00	4.06	0.26	0	2	1	89	0.00	0.0	8.262	0.000	2	1	1	1
026720	PL.6052	C	Consumer	7.32Y	121.9	0.00	4.05	0.38	0	3	1	95	0.00	0.0	8.218	0.000	3	1	1	1
PL.41152	PL.13291	C	4ACSR	7.32Y	122.0	0.00	4.02	0.15	0	1	0	100	0.00	0.0	8.117	0.008	0	0	0	1
PD.7614	PL.41152	C	fuse6AMP	7.32Y	122.0	0.00	4.02	0.15	3	1	0	100	0.00	0.0	8.117	0.000	0	0	0	1
PL.41153	PD.7614	C	4ACSR	7.32Y	122.0	0.00	4.02	0.15	0	1	0	100	0.00	0.0	8.124	0.007	0	0	0	1
PL.1963	PL.41153	C	4ACSR	7.32Y	122.0	0.00	4.02	0.15	0	1	0	100	0.00	0.0	8.217	0.093	0	0	0	1
026713	PL.1963	C	Consumer	7.32Y	122.0	0.00	4.02	0.15	0	1	0	100	0.00	0.0	8.217	0.000	1	0	1	1
PL.41159	PL.41158	C	4ACSR	7.32Y	122.0	0.00	3.98	0.56	0	4	1	97	0.00	0.0	7.957	0.007	0	0	0	2

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.7615	PL.41159	C	fuse6AMP	7.32Y	122.0	0.00	3.98	0.56	10	4	1	97	0.00	0.0	7.957	0.000	0	0	0	2
PL.41160	PD.7615	C	4ACSR	7.32Y	122.0	0.00	3.98	0.56	0	4	1	97	0.00	0.0	8.003	0.046	0	0	0	2
026826	PL.41160	C	Consumer	7.32Y	122.0	0.00	3.98	0.55	0	4	1	97	0.00	0.0	8.003	0.000	4	1	1	1
0268027	PL.41160	C	Consumer	7.32Y	122.0	0.00	3.98	0.01	0	0	0	100	0.00	0.0	8.003	0.000	0	0	1	1
026815	PL.19203	C	Consumer	7.32Y	122.0	0.00	3.97	0.82	0	6	2	95	0.00	0.0	7.907	0.000	6	2	1	1
026806	PL.27973	C	Consumer	7.32Y	122.0	0.00	3.95	0.01	0	0	0	100	0.00	0.0	7.864	0.000	0	0	1	1
026801	PL.27974	C	Consumer	7.32Y	122.1	0.00	3.94	0.48	0	3	1	95	0.00	0.0	7.817	0.000	3	1	1	1
PL.28122	PL.41161	C	4ACSR	7.33Y	122.1	0.00	3.85	0.56	0	4	1	97	0.00	0.0	7.596	0.026	0	0	0	2
PD.2774	PL.28122	C	fuse6AMP	7.33Y	122.1	0.00	3.85	0.56	10	4	1	97	0.00	0.0	7.596	0.000	0	0	0	2
PL.22966	PD.2774	C	4ACSR	7.33Y	122.1	0.00	3.85	0.56	0	4	1	97	0.00	0.0	7.641	0.045	0	0	0	2
PL.21900	PL.22966	C	4ACSR	7.33Y	122.1	0.00	3.85	0.16	0	1	0	100	0.00	0.0	7.764	0.122	0	0	0	1
PL.21901	PL.21900	C	4ACSR	7.33Y	122.1	0.00	3.85	0.16	0	1	0	100	0.00	0.0	7.788	0.024	0	0	0	1
PL.28275	PL.21901	C	4ACSR	7.33Y	122.1	0.00	3.86	0.16	0	1	0	100	0.00	0.0	8.094	0.306	0	0	0	1
PL.28276	PL.28275	C	4ACSR	7.33Y	122.1	0.00	3.86	0.16	0	1	0	100	0.00	0.0	8.094	0.000	0	0	0	1
027801	PL.28276	C	Consumer	7.33Y	122.1	0.00	3.86	0.16	0	1	0	100	0.00	0.0	8.094	0.000	1	0	1	1
026802	PL.22966	C	Consumer	7.33Y	122.1	0.00	3.85	0.40	0	3	1	95	0.00	0.0	7.641	0.000	3	1	1	1
026824	PL.22966	C	Consumer	7.33Y	122.1	0.00	3.85	0.00	0	0	0	100	0.00	0.0	7.641	0.000	0	0	0	0
026822	PL.22966	C	Consumer	7.33Y	122.1	0.00	3.85	0.00	0	0	0	100	0.00	0.0	7.641	0.000	0	0	0	0
026816	PL.13760	C	Consumer	7.33Y	122.2	0.00	3.79	0.63	0	4	2	89	0.00	0.0	7.408	0.000	4	2	1	1
PL.41163	PL.41166	C	4ACSR	7.34Y	122.3	0.00	3.72	0.73	1	5	2	93	0.00	0.0	7.258	0.010	0	0	0	1
PD.7618	PL.41163	C	fuse6AMP	7.34Y	122.3	0.00	3.72	0.73	12	5	2	93	0.00	0.0	7.258	0.000	0	0	0	1
PL.41164	PD.7618	C	4ACSR	7.34Y	122.3	0.00	3.73	0.73	1	5	2	93	0.00	0.0	7.326	0.068	0	0	0	1
026817	PL.41164	C	Consumer	7.34Y	122.3	0.00	3.73	0.73	0	5	2	93	0.00	0.0	7.326	0.000	5	2	1	1
0268028	026817	C	Consumer	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	7.326	0.000	0	0	0	0
026929	PL.40690	C	Consumer	7.35Y	122.5	0.00	3.47	0.99	0	7	3	92	0.00	0.0	6.653	0.000	7	3	1	1
PL.40689	PL.40691	C	2ACSR	7.35Y	122.5	0.00	3.46	0.72	0	5	2	93	0.00	0.0	6.645	0.014	0	0	0	1
026901	PL.40689	C	Consumer	7.35Y	122.5	0.00	3.46	0.72	0	5	2	93	0.00	0.0	6.645	0.000	5	2	1	1
026917	PL.6226	C	Consumer	7.35Y	122.6	0.00	3.44	1.07	0	7	3	92	0.00	0.0	6.596	0.000	7	3	1	1
PL.41172	PL.6226	C	4ACSR	7.35Y	122.6	0.00	3.45	2.78	2	19	7	94	0.00	0.0	6.608	0.012	0	0	0	7
PD.7620	PL.41172	C	fuse6AMP	7.35Y	122.6	0.00	3.45	2.78	47	19	7	94	0.00	0.0	6.608	0.000	0	0	0	7
PL.41173	PD.7620	C	4ACSR	7.35Y	122.5	0.01	3.46	2.78	2	19	7	94	0.00	0.0	6.686	0.078	0	0	0	7
026920	PL.41173	C	Consumer	7.35Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	6.686	0.000	0	0	0	0
026925	PL.41173	C	Consumer	7.35Y	122.5	0.00	3.46	0.59	0	4	2	89	0.00	0.0	6.686	0.000	4	2	1	1
026907	PL.41173	C	Consumer	7.35Y	122.5	0.00	3.46	0.20	0	1	1	71	0.00	0.0	6.686	0.000	1	1	1	1
PL.19581	PL.41173	C	4ACSR	7.35Y	122.5	0.01	3.46	1.99	2	14	5	94	0.00	0.0	6.754	0.068	0	0	0	5
026926	PL.19581	C	Consumer	7.35Y	122.5	0.00	3.46	0.16	0	1	0	100	0.00	0.0	6.754	0.000	1	0	1	1
026921	PL.19581	C	Consumer	7.35Y	122.5	0.00	3.46	1.00	0	7	3	92	0.00	0.0	6.754	0.000	7	3	1	1
PL.19582	PL.19581	C	4ACSR	7.35Y	122.5	0.00	3.46	0.84	1	6	2	95	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\SUMMER\PROPOSED SUMMER 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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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							
025914	PL.42201	C	Consumer	7.40Y	123.3	0.00	2.66	0.34	0	2	1	89	0.00	0.0	5.555	0.000	2	1	1	1
025903	PL.42201	C	Consumer	7.40Y	123.3	0.00	2.66	0.70	0	5	2	93	0.00	0.0	5.555	0.000	5	2	1	1
PL.6230	PL.6231	C	4ACSR	7.40Y	123.4	0.03	2.65	5.93	5	41	16	93	0.01	0.0	5.620	0.114	0	0	0	11
025918	PL.6230	C	Consumer	7.40Y	123.4	0.00	2.65	0.44	0	3	1	95	0.00	0.0	5.620	0.000	3	1	1	1
PL.43485	PL.6230	C	4ACSR	7.39Y	123.2	0.15	2.79	5.49	5	38	15	93	0.04	0.1	6.202	0.581	0	0	0	10
PL.43486	PL.43485	C	4ACSR	7.39Y	123.2	0.01	2.81	5.41	5	37	15	93	0.00	0.0	6.253	0.052	0	0	0	9
PL.22216	PL.43486	C	4ACSR	7.39Y	123.2	0.01	2.82	2.03	2	14	5	94	0.00	0.0	6.366	0.113	0	0	0	3
PL.41526	PL.22216	C	4ACSR	7.39Y	123.2	0.00	2.82	2.03	2	14	5	94	0.00	0.0	6.375	0.009	0	0	0	3
PD.7460	PL.41526	C	fuse6AMP	7.39Y	123.2	0.00	2.82	2.03	35	14	5	94	0.00	0.0	6.375	0.000	0	0	0	3
PL.41527	PD.7460	C	4ACSR	7.39Y	123.2	0.02	2.83	2.03	2	14	5	94	0.00	0.0	6.549	0.174	0	0	0	3
025907	PL.41527	C	Consumer	7.39Y	123.2	0.00	2.83	0.33	0	2	1	89	0.00	0.0	6.549	0.000	2	1	1	1
025906	PL.41527	C	Consumer	7.39Y	123.2	0.00	2.83	0.76	0	5	2	93	0.00	0.0	6.549	0.000	5	2	1	1
PL.22215	PL.41527	C	4ACSR	7.39Y	123.2	0.01	2.84	0.94	1	6	3	89	0.00	0.0	6.674	0.124	0	0	0	1
PL.22214	PL.22215	C	4ACSR	7.39Y	123.2	0.00	2.84	0.94	1	6	3	89	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	0.94	0	6	3	89	0.00	0.0	6.720	0.000	6	3	1	1
PL.6234	PL.22216	C	4ACSR	7.39Y	123.2	0.00	2.82	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	2.82	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	2.82	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	2.82	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	2.82	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	0.07	2.87	3.39	3	23	9	93	0.01	0.0	6.673	0.420	0	0	0	6
PD.226	PL.18463	C	fuse6AMP	7.39Y	123.1	0.00	2.87	3.39	58	23	9	93	0.00	0.0	6.673	0.000	0	0	0	6
PL.18206	PD.226	C	4ACSR	7.39Y	123.1	0.00	2.88	3.39	3	23	9	93	0.00	0.0	6.701	0.028	0	0	0	6
PL.43762	PL.18206	C	4ACSR	7.39Y	123.1	0.03	2.90	3.39	3	23	9	93	0.01	0.0	6.886	0.185	0	0	0	6
PL.43763	PL.43762	C	4ACSR	7.38Y	123.0	0.09	2.99	3.25	3	22	9	93	0.01	0.1	7.468	0.582	0	0	0	5
PL.26286	PL.43763	C	4ACSR	7.38Y	123.0	0.01	3.00	2.51	2	17	7	92	0.00	0.0	7.539	0.071	0	0	0	4
PL.41522	PL.26286	C	4ACSR	7.38Y	123.0	0.00	3.00	1.83	2	13	5	93	0.00	0.0	7.546	0.007	0	0	0	3
PD.7458	PL.41522	C	fuse6AMP	7.38Y	123.0	0.00	3.00	1.83	31	13	5	93	0.00	0.0	7.546	0.000	0	0	0	3
PL.41523	PD.7458	C	4ACSR	7.38Y	123.0	0.01	3.01	1.83	2	13	5	93	0.00	0.0	7.608	0.063	0	0	0	3
PL.6236	PL.41523	C	4ACSR	7.38Y	123.0	0.01	3.01	1.47	1	10	4	93	0.00	0.0	7.727	0.119	0	0	0	2
025807	PL.6236	C	Consumer	7.38Y	123.0	0.00	3.01	0.16	0	1	0	100	0.00	0.0	7.727	0.000	1	0	1	1
PL.6237	PL.6236	C	4ACSR	7.38Y	123.0	0.01	3.02	1.31	1	9	4	91	0.00	0.0	7.817	0.090	0	0	0	1
025802	PL.6237	C	Consumer	7.38Y	123.0	0.00	3.02	1.31	0	9	4	91	0.00	0.0	7.817	0.000	9	4	1	1
025806	PL.41523	C	Consumer	7.38Y	123.0	0.00	3.01	0.36	0	2	1	89	0.00	0.0	7.608	0.000	2	1	1	1
PL.41524	PL.26286	C	4ACSR	7.38Y	123.0	0.00	3.00	0.68	1	5	2	93	0.00	0.0	7.551	0.012	0	0	0	1
PD.7459	PL.41524	C	fuse6AMP	7.38Y	123.0	0.00	3.00	0.68	12	5	2	93	0.00	0.0	7.551	0.000	0	0	0	1
PL.41525	PD.7459	C	4ACSR	7.38Y	123.0	0.00	3.00	0.68	1	5	2	93	0.00	0.0	7.614	0.063	0	0	0	1
PL.40583	PL.41525	C	4ACSR	7.38Y	123.0	0.00	3.00	0.68	1	5	2	93	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\SUMMER\PROPOSED SUMMER 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
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.21490	OCD60	A	6ACWC	7.56Y	126.0	0.02	0.04	8.59	7	60	24	93	0.13	0.0	2.962	0.072	0	0	0	24
		B		7.54Y	125.7	0.06	0.30	17.97	15	123	56	91					0	0	0	28
		C		7.54Y	125.7	0.06	0.30	20.73	18	145	58	93					0	0	0	51
PL.11977	PL.21490	A	2ACSR	7.56Y	126.0	0.01	0.05	8.59	6	60	24	93	0.08	0.0	3.032	0.070	0	0	0	24
		B		7.54Y	125.7	0.04	0.34	17.97	12	123	56	91					0	0	0	28
		C		7.54Y	125.7	0.04	0.34	19.72	13	138	55	93					0	0	0	45
PL.19508	PL.11977	A	2ACSR	7.56Y	125.9	0.01	0.05	8.59	6	60	24	93	0.06	0.0	3.095	0.063	0	0	0	24
		B		7.54Y	125.6	0.03	0.38	16.99	11	116	54	91					0	0	0	25
		C		7.54Y	125.6	0.03	0.37	19.21	12	135	54	93					0	0	0	44
PL.19509	PL.19508	A	2ACSR	7.56Y	125.9	0.00	0.05	8.59	6	60	24	93	0.00	0.0	3.095	0.000	0	0	0	24
		B		7.54Y	125.6	0.00	0.38	16.99	11	116	54	91					0	0	0	25
		C		7.54Y	125.6	0.00	0.37	18.15	12	127	51	93					0	0	0	42
PL.11978	PL.19509	A	2ACSR	7.56Y	125.9	0.01	0.06	8.59	6	60	24	93	0.05	0.0	3.148	0.053	0	0	0	24
		B		7.54Y	125.6	0.03	0.40	16.99	11	116	54	91					0	0	0	25
		C		7.54Y	125.6	0.02	0.40	18.15	12	127	51	93					0	0	0	42
033296	PL.11978	B	Consumer	7.54Y	125.6	0.00	0.40	0.46	0	3	1	95	0.00	0.0	3.148	0.000	3	1	1	1
033210	PL.11978	B	Consumer	7.54Y	125.6	0.00	0.40	0.90	0	6	3	89	0.00	0.0	3.148	0.000	6	3	1	1
033292	PL.11978	B	Consumer	7.54Y	125.6	0.00	0.40	1.06	0	7	3	92	0.00	0.0	3.148	0.000	7	3	1	1
PL.18035	PL.11978	A	2ACSR	7.56Y	125.9	0.01	0.07	8.59	6	60	24	93	0.04	0.0	3.197	0.049	0	0	0	24
		B		7.53Y	125.6	0.02	0.43	14.56	9	100	46	91					0	0	0	22
		C		7.53Y	125.6	0.02	0.42	18.15	12	127	51	93					0	0	0	42
PL.18036	PL.18035	A	2ACSR	7.56Y	125.9	0.00	0.07	8.59	6	60	24	93	0.02	0.0	3.224	0.027	0	0	0	24
		B		7.53Y	125.6	0.01	0.44	14.56	9	100	46	91					0	0	0	22
		C		7.53Y	125.6	0.01	0.43	18.15	12	127	51	93					0	0	0	42
PL.23847	PL.18036	A	2ACSR	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	3.258	0.034	0	0	0	0
		B		7.53Y	125.6	0.00	0.44	0.00	0	0	0	100					0	0	0	0
		C		7.53Y	125.6	0.00	0.43	0.00	0	0	0	100					0	0	0	0
PL.42211	PL.18036	A	4ACSR	7.56Y	125.9	0.00	0.07	0.72	1	5	2	93	0.00	0.0	3.231	0.007	0	0	0	2
PD.7647-A	PL.42211	A	Closed	7.56Y	125.9	0.00	0.07	0.72	0	5	2	93	0.00	0.0	3.231	0.000	0	0	0	2
PD.7647-B	PD.7647-A	A	Closed	7.56Y	125.9	0.00	0.07	0.72	0	5	2	93	0.00	0.0	3.231	0.000	0	0	0	2
PL.42212	PD.7647-B	A	4ACSR	7.56Y	125.9	0.00	0.07	0.72	1	5	2	93	0.00	0.0	3.266	0.034	0	0	0	2
PL.20454	PL.42212	A	4ACSR	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	3.277	0.011	0	0	0	0
PD.1208	PL.20454	A	fuse6AMP	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	3.277	0.000	0	0	0	0
PL.20455	PD.1208	A	4ACSR	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	3.455	0.178	0	0	0	0
PL.1757	PL.20455	A	4ACSR	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	3.565	0.110	0	0	0	0
PL.23839	PL.1757	A	4ACSR	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	3.724	0.159	0	0	0	0
PL.11980	PL.23839	A	4ACSR	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	3.776	0.052	0	0	0	0
PL.23840	PL.11980	A	4ACSR	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	3.878	0.102	0	0	0	0
033265	PL.23840	A	Consumer	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	3.878	0.000	0	0	0	0
PL.11981	PL.11980	A	4ACSR	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	3.822	0.047	0	0	0	0
PL.23842	PL.11981	A	4ACSR	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	3.896	0.073	0	0	0	0
033237	PL.23842	A	Consumer	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	3.896	0.000	0	0	0	0
PL.23845	PL.42212	A	4ACSR	7.56Y	125.9	0.00	0.08	0.55	0	4	2	89	0.00	0.0	3.302	0.036	0	0	0	1
0332111	PL.23845	A	Consumer	7.56Y	125.9	0.00	0.08	0.55	0	4	2	89	0.00	0.0	3.302	0.000	4	2	1	1
033261	PL.42212	A	Consumer	7.56Y	125.9	0.00	0.07	0.18	0	1	0	100	0.00	0.0	3.266	0.000	1	0	1	1

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

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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	7.51Y	125.1	0.00	0.85	5.23	89	37	14	94	0.00	0.0	4.162	0.000	0	0	0	10	C
PL.23841	PD.7473	C	4ACSR	7.51Y	125.1	0.00	0.85	5.23	4	37	14	94	0.00	0.0	4.163	0.001	0	0	0	0	10
033276	PL.23841	C	Consumer	7.51Y	125.1	0.00	0.85	0.70	0	5	2	93	0.00	0.0	4.163	0.000	5	2	1	1	
0332110	PL.23841	C	Consumer	7.51Y	125.1	0.00	0.85	0.26	0	2	1	89	0.00	0.0	4.163	0.000	2	1	1	1	
0332119	PL.23841	C	Consumer	7.51Y	125.1	0.00	0.85	0.35	0	2	1	89	0.00	0.0	4.163	0.000	2	1	1	1	
0322009	PL.23841	C	Consumer	7.51Y	125.1	0.00	0.85	0.00	0	0	0	100	0.00	0.0	4.163	0.000	0	0	0	0	
033293	PL.23841	C	Consumer	7.51Y	125.1	0.00	0.85	1.19	0	8	3	94	0.00	0.0	4.163	0.000	8	3	1	1	
PL.41537	PL.23841	C	4ACSR	7.51Y	125.1	0.00	0.85	2.10	2	15	6	93	0.00	0.0	4.166	0.004	0	0	0	0	5
PD.7471	PL.41537	C	fuse6AMP	7.51Y	125.1	0.00	0.85	2.10	36	15	6	93	0.00	0.0	4.166	0.000	0	0	0	0	5
PL.41538	PD.7471	C	4ACSR	7.51Y	125.1	0.00	0.85	2.10	2	15	6	93	0.00	0.0	4.199	0.032	0	0	0	0	5
PL.6304	PL.41538	C	4ACSR	7.51Y	125.1	0.00	0.86	1.36	1	10	4	93	0.00	0.0	4.257	0.058	0	0	0	0	2
033290	PL.6304	C	Consumer	7.51Y	125.1	0.00	0.86	0.57	0	4	2	89	0.00	0.0	4.257	0.000	4	2	1	1	
033260	PL.6304	C	Consumer	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	4.257	0.000	0	0	0	0	
033256	PL.6304	C	Consumer	7.51Y	125.1	0.00	0.86	0.79	0	6	2	95	0.00	0.0	4.257	0.000	6	2	1	1	
033291	PL.41538	C	Consumer	7.51Y	125.1	0.00	0.85	0.00	0	0	0	100	0.00	0.0	4.199	0.000	0	0	0	0	
033266	PL.41538	C	Consumer	7.51Y	125.1	0.00	0.85	0.02	0	0	0	100	0.00	0.0	4.199	0.000	0	0	1	1	
0332113	PL.41538	C	Consumer	7.51Y	125.1	0.00	0.85	0.69	0	5	2	93	0.00	0.0	4.199	0.000	5	2	1	1	
033263	PL.41538	C	Consumer	7.51Y	125.1	0.00	0.85	0.02	0	0	0	100	0.00	0.0	4.199	0.000	0	0	1	1	
PL.24525	PL.23841	C	4ACSR	7.51Y	125.1	0.00	0.86	0.64	1	4	2	89	0.00	0.0	4.304	0.141	0	0	0	0	1
PL.24526	PL.24525	C	4ACSR	7.51Y	125.1	0.00	0.86	0.64	1	4	2	89	0.00	0.0	4.384	0.081	0	0	0	0	1
032206	PL.24526	C	Consumer	7.51Y	125.1	0.00	0.86	0.64	0	4	2	89	0.00	0.0	4.384	0.000	4	2	1	1	
033247	PL.6306	C	Consumer	7.51Y	125.2	0.00	0.82	0.54	0	4	1	97	0.00	0.0	4.049	0.000	4	1	1	1	
033279	PL.6306	C	Consumer	7.51Y	125.2	0.00	0.82	0.57	0	4	2	89	0.00	0.0	4.049	0.000	4	2	1	1	
033248	PL.6306	C	Consumer	7.51Y	125.2	0.00	0.82	0.13	0	1	0	100	0.00	0.0	4.049	0.000	1	0	1	1	
033289	PL.6306	C	Consumer	7.51Y	125.2	0.00	0.82	0.58	0	4	2	89	0.00	0.0	4.049	0.000	4	2	1	1	
0332102	PL.6306	C	Consumer	7.51Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	4.049	0.000	0	0	0	0	
033280	PL.6306	C	Consumer	7.51Y	125.2	0.00	0.82	0.40	0	3	1	95	0.00	0.0	4.049	0.000	3	1	1	1	
033275	PL.6305	C	Consumer	7.51Y	125.2	0.00	0.79	0.51	0	4	1	97	0.00	0.0	3.956	0.000	4	1	1	1	
033297	PL.6305	C	Consumer	7.51Y	125.2	0.00	0.79	0.71	0	5	2	93	0.00	0.0	3.956	0.000	5	2	1	1	
0332106	PL.27865	C	Consumer	7.52Y	125.4	0.00	0.64	0.72	0	5	2	93	0.00	0.0	3.586	0.000	5	2	1	1	
033243	PL.27865	C	Consumer	7.52Y	125.4	0.00	0.64	0.14	0	1	0	100	0.00	0.0	3.586	0.000	1	0	1	1	
0332122	PL.27865	C	Consumer	7.52Y	125.4	0.00	0.64	0.80	0	6	2	95	0.00	0.0	3.586	0.000	6	2	1	1	
PL.6311	PL.6301	A	2ACSR	7.55Y	125.9	0.01	0.10	7.87	5	55	22	93	0.01	0.0	3.416	0.025	0	0	0	0	22
		B		7.53Y	125.5	0.01	0.50	9.96	6	70	27	93					0	0	0	0	21
		C		7.53Y	125.5	0.00	0.52	4.59	3	32	13	92					0	0	0	0	15
PL.11982	PL.6311	A	2ACSR	7.55Y	125.9	0.02	0.12	7.87	5	55	22	93	0.02	0.0	3.486	0.070	0	0	0	0	22
		B		7.53Y	125.5	0.02	0.52	9.96	6	70	27	93					0	0	0	0	21
		C		7.53Y	125.5	0.00	0.53	3.87	2	27	11	93					0	0	0	0	14
PL.41539	PL.11982	A	2ACSR	7.55Y	125.9	0.01	0.13	7.87	5	55	22	93	0.01	0.0	3.540	0.054	0	0	0	0	22
		B		7.53Y	125.5	0.01	0.54	9.96	6	70	27	93					0	0	0	0	21
		C		7.53Y	125.5	0.00	0.53	3.87	2	27	11	93					0	0	0	0	13

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 PD.7474-A, PD.7474-B, PL.41540, etc.

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 023924, PL.6183, etc.

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, Element KVAR, Cons On, Cons Thru. The table lists various electrical elements and their characteristics.

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\SUMMER\PROPOSED SUMMER 06-10 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	7.53Y	125.5	0.01	0.49	2.08	1	15	6	93	0.00	0.0	6.577	0.097	0	0	0	7		
		B		7.51Y	125.2	0.00	0.77	1.94	1	14	5	93					0	0	0	4		
		C		7.53Y	125.4	-0.00	0.55	0.00	0	0	0	100					0	0	0	0		
PD.165-A	PL.20198	A	Closed	7.53Y	125.5	0.00	0.49	2.08	0	15	6	93	0.00	0.0	6.577	0.000	0	0	0	7		
		B		7.51Y	125.2	0.00	0.77	1.94	0	14	5	93					0	0	0	4		
		C		7.53Y	125.4	0.00	0.55	0.00	0	0	0	100					0	0	0	0		
PD.165-B	PD.165-A	A	Closed	7.53Y	125.5	0.00	0.49	2.08	0	15	6	93	0.00	0.0	6.577	0.000	0	0	0	7		
		B		7.51Y	125.2	0.00	0.77	1.94	0	14	5	93					0	0	0	4		
		C		7.53Y	125.4	0.00	0.55	0.00	0	0	0	100					0	0	0	0		
PL.20199	PD.165-B	A	2ACSR	7.53Y	125.5	0.00	0.50	2.08	1	15	6	93	0.00	0.0	6.641	0.063	0	0	0	7		
		B		7.51Y	125.2	0.00	0.78	1.94	1	14	5	93					0	0	0	4		
		C		7.53Y	125.4	-0.00	0.55	0.00	0	0	0	100					0	0	0	0		
PL.41549	PL.20199	A	4ACSR	7.53Y	125.5	-0.00	0.50	0.02	0	0	0	100	0.00	0.0	6.647	0.006	0	0	0	2		
PD.7479	PL.41549	A	fuse6AMP	7.53Y	125.5	0.00	0.50	0.02	0	0	0	100	0.00	0.0	6.647	0.000	0	0	0	2		
PL.41550	PD.7479	A	4ACSR	7.53Y	125.5	0.00	0.50	0.02	0	0	0	100	0.00	0.0	6.748	0.101	0	0	0	2		
023802	PL.41550	A	Consumer	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	6.748	0.000	0	0	1	1		
023814	PL.41550	A	Consumer	7.53Y	125.5	0.00	0.50	0.02	0	0	0	100	0.00	0.0	6.748	0.000	0	0	1	1		
PL.12010	PL.20199	A	2ACSR	7.53Y	125.5	0.01	0.50	2.06	1	14	6	92	0.00	0.0	6.716	0.075	0	0	0	5		
		B		7.51Y	125.2	0.00	0.78	1.94	1	14	5	93					0	0	0	4		
		C		7.53Y	125.5	-0.00	0.55	0.00	0	0	0	100					0	0	0	0		
PL.28004	PL.12010	A	2ACSR	7.53Y	125.5	0.01	0.51	2.06	1	14	6	92	0.00	0.0	6.803	0.087	0	0	0	5		
		B		7.51Y	125.2	0.00	0.78	1.94	1	14	5	93					0	0	0	4		
		C		7.53Y	125.5	-0.00	0.55	0.00	0	0	0	100					0	0	0	0		
023715	PL.28004	B	Consumer	7.51Y	125.2	0.00	0.78	0.01	0	0	0	100	0.00	0.0	6.803	0.000	0	0	1	1		
0237090	PL.28004	B	Consumer	7.51Y	125.2	0.00	0.78	0.53	0	4	1	97	0.00	0.0	6.803	0.000	4	1	1	1		
PL.28005	PL.28004	A	2ACSR	7.53Y	125.5	0.00	0.51	2.06	1	14	6	92	0.00	0.0	6.830	0.027	0	0	0	5		
		B		7.51Y	125.2	0.00	0.79	1.40	1	10	4	93					0	0	0	2		
		C		7.53Y	125.5	-0.00	0.55	0.00	0	0	0	100					0	0	0	0		
023712	PL.28005	A	Consumer	7.53Y	125.5	0.00	0.51	0.18	0	1	0	100	0.00	0.0	6.830	0.000	1	0	1	1		
PL.27946	PL.28005	A	2ACSR	7.53Y	125.5	0.01	0.52	1.88	1	13	5	93	0.00	0.0	6.968	0.138	0	0	0	4		
		B		7.51Y	125.2	0.00	0.79	1.40	1	10	4	93					0	0	0	2		
		C		7.53Y	125.5	-0.00	0.55	0.00	0	0	0	100					0	0	0	0		
PL.42177	PL.27946	B	2ACSR	7.51Y	125.2	0.00	0.79	1.40	1	10	4	93	0.00	0.0	6.988	0.020	0	0	0	2		
PL.42178	PL.42177	B	2ACSR	7.51Y	125.2	0.00	0.79	0.71	0	5	2	93	0.00	0.0	7.025	0.037	0	0	0	1		
0237091	PL.42178	B	Consumer	7.51Y	125.2	0.00	0.79	0.71	0	5	2	93	0.00	0.0	7.025	0.000	5	2	1	1		
PL.42176	PL.42177	B	2ACSR	7.51Y	125.2	0.00	0.79	0.69	0	5	2	93	0.00	0.0	7.056	0.068	0	0	0	1		
0237092	PL.42176	B	Consumer	7.51Y	125.2	0.00	0.79	0.69	0	5	2	93	0.00	0.0	7.056	0.000	5	2	1	1		
PL.27947	PL.27946	A	2ACSR	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	7.039	0.071	0	0	0	0		
		B		7.51Y	125.2	0.00	0.79	0.00	0	0	0	100					0	0	0	0		
		C		7.53Y	125.5	0.00	0.55	0.00	0	0	0	100					0	0	0	0		
PD.7395-A	PL.27947	A	Open	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	7.039	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		
		C		7.53Y	125.5	0.00	0.55	0.00	0	0	0	100					0	0	0	0		
023711	PL.27946	A	Consumer	7.53Y	125.5	0.00	0.52	0.58	0	4	2	89	0.00	0.0	6.968	0.000	4	2	1	1		
023764	PL.27946	A	Consumer	7.53Y	125.5	0.00	0.52	0.18	0	1	1	71	0.00	0.0	6.968	0.000	1	1	1	1		
023731	PL.27946	A	Consumer	7.53Y	125.5	0.00	0.52	0.11	0	1	0	100	0.00	0.0	6.968	0.000	1	0	1	1		
023710	PL.27946	A	Consumer	7.53Y	125.5	0.00	0.52	1.01	0	7	3	92	0.00	0.0	6.968	0.000	7	3	1	1		
023803	PL.12009	B	Consumer	7.51Y	125.2	0.00	0.77	0.48	0	3	1	95	0.00	0.0	6.480	0.000	3	1	1	1		

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	Thru KW						KVAR	Length (mi)		
023807	PL.19616	A	Consumer	7.53Y	125.5	0.00	0.46	0.08	0	1	0	100	0.00	0.0	6.157	0.000	1	0	1	1
023817	PL.19615	C	Consumer	7.53Y	125.4	0.00	0.56	0.11	0	1	0	100	0.00	0.0	6.072	0.000	1	0	1	1
023809	PL.19615	C	Consumer	7.53Y	125.4	0.00	0.56	0.13	0	1	0	100	0.00	0.0	6.072	0.000	1	0	1	1
023812	PL.12006	A	Consumer	7.53Y	125.6	0.00	0.43	0.38	0	3	1	95	0.00	0.0	5.753	0.000	3	1	1	1
PL.1785	PL.12004	A	4ACSR	7.54Y	125.6	0.00	0.39	0.89	1	6	2	95	0.00	0.0	5.355	0.058	0	0	0	1
023945	PL.1785	A	Consumer	7.54Y	125.6	0.00	0.39	0.89	0	6	2	95	0.00	0.0	5.355	0.000	6	2	1	1
023941	PL.12004	B	Consumer	7.52Y	125.3	0.00	0.70	0.59	0	4	2	89	0.00	0.0	5.298	0.000	4	2	1	1
023902	PL.12004	A	Consumer	7.54Y	125.6	0.00	0.39	0.64	0	4	2	89	0.00	0.0	5.298	0.000	4	2	1	1
PL.41547	PL.6185	B	4ACSR	7.52Y	125.3	0.00	0.70	0.72	1	5	2	93	0.00	0.0	5.199	0.007	0	0	0	1
PD.166	PL.41547	B	fuse6AMP	7.52Y	125.3	0.00	0.70	0.72	12	5	2	93	0.00	0.0	5.199	0.000	0	0	0	1
PL.41548	PD.166	B	4ACSR	7.52Y	125.3	0.00	0.70	0.72	1	5	2	93	0.00	0.0	5.303	0.104	0	0	0	1
PL.6182	PL.41548	B	4ACSR	7.52Y	125.3	0.00	0.70	0.72	1	5	2	93	0.00	0.0	5.384	0.081	0	0	0	1
PL.1778	PL.6182	B	4ACSR	7.52Y	125.3	0.00	0.70	0.72	1	5	2	93	0.00	0.0	5.414	0.030	0	0	0	1
PL.1780	PL.1778	B	4ACSR	7.52Y	125.3	0.00	0.70	0.72	1	5	2	93	0.00	0.0	5.454	0.040	0	0	0	1
023939	PL.1780	B	Consumer	7.52Y	125.3	0.00	0.70	0.72	0	5	2	93	0.00	0.0	5.454	0.000	5	2	1	1
023933	PL.12002	A	Consumer	7.54Y	125.6	0.00	0.37	0.16	0	1	1	71	0.00	0.0	5.017	0.000	1	1	1	1
PL.27697	PL.12002	A	4ACSR	7.54Y	125.6	0.00	0.38	1.72	1	12	5	92	0.00	0.0	5.042	0.025	0	0	0	2
PD.2574	PL.27697	A	fuse6AMP	7.54Y	125.6	0.00	0.38	1.72	29	12	5	92	0.00	0.0	5.042	0.000	0	0	0	2
PL.27698	PD.2574	A	4ACSR	7.54Y	125.6	0.00	0.38	1.72	1	12	5	92	0.00	0.0	5.101	0.059	0	0	0	2
023918	PL.27698	A	Consumer	7.54Y	125.6	0.00	0.38	0.75	0	5	2	93	0.00	0.0	5.101	0.000	5	2	1	1
023917	PL.27698	A	Consumer	7.54Y	125.6	0.00	0.38	0.97	0	7	3	92	0.00	0.0	5.101	0.000	7	3	1	1
PL.1783	PL.29867	B	4ACSR	7.52Y	125.3	0.00	0.69	0.79	1	6	2	95	0.00	0.0	4.838	0.090	0	0	0	1
023910	PL.1783	B	Consumer	7.52Y	125.3	0.00	0.69	0.79	0	6	2	95	0.00	0.0	4.838	0.000	6	2	1	1
023943	PL.11998	C	Consumer	7.53Y	125.4	0.00	0.57	0.03	0	0	0	100	0.00	0.0	4.552	0.000	0	0	1	1
023938	PL.11997	C	Consumer	7.53Y	125.4	0.00	0.57	0.00	0	0	0	100	0.00	0.0	4.527	0.000	0	0	1	1
PL.19103	PL.11994	C	4ACSR	7.53Y	125.4	0.00	0.57	1.47	1	10	4	93	0.00	0.0	4.341	0.013	0	0	0	1
PD.2572	PL.19103	C	fuse6AMP	7.53Y	125.4	0.00	0.57	1.47	25	10	4	93	0.00	0.0	4.341	0.000	0	0	0	1
PL.19104	PD.2572	C	4ACSR	7.53Y	125.4	0.00	0.57	1.47	1	10	4	93	0.00	0.0	4.383	0.042	0	0	0	1
023914	PL.19104	C	Consumer	7.53Y	125.4	0.00	0.57	1.47	0	10	4	93	0.00	0.0	4.383	0.000	10	4	1	1
PL.1755	PL.30359	A	4ACSR	7.55Y	125.8	0.00	0.23	0.25	0	2	1	89	0.00	0.0	4.179	0.054	0	0	0	1
033242	PL.1755	A	Consumer	7.55Y	125.8	0.00	0.23	0.25	0	2	1	89	0.00	0.0	4.179	0.000	2	1	1	1
PL.1756	PL.30359	C	4ACSR	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	4.191	0.066	0	0	0	0
PL.1752	PL.11990	B	4ACSR	7.52Y	125.4	0.00	0.60	0.35	0	2	1	89	0.00	0.0	3.873	0.067	0	0	0	3
PL.45566	PL.1752	B	4ACSR	7.52Y	125.4	0.00	0.60	0.35	0	2	1	89	0.00	0.0	3.980	0.106	0	0	0	3
PL.45567	PL.45566	B	4ACSR	7.52Y	125.4	0.00	0.60	0.35	0	2	1	89	0.00	0.0	4.108	0.128	0	0	0	3
0332116	PL.45567	B	Consumer	7.52Y	125.4	0.00	0.60	0.01	0	0	0	100	0.00	0.0	4.108	0.000	0	0	1	1
PL.20258	PL.45567	B	4ACSR	7.52Y	125.4	0.00	0.60	0.34	0	2	1	89	0.00	0.0	4.160	0.052	0	0	0	2
033298	PL.20258	B	Consumer	7.52Y	125.4	0.00	0.60	0.34	0	2	1	89	0.00	0.0	4.160	0.000	2	1	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							
PL.20259	PL.20258	B	4ACSR	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	4.209	0.049	0	0	0	1
PL.12011	PL.20259	B	4ACSR	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	4.341	0.132	0	0	0	1
PL.12012	PL.12011	B	4ACSR	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	4.378	0.037	0	0	0	0
034210	PL.12012	B	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	4.378	0.000	0	0	0	0
PL.6293	PL.12012	B	4ACSR	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	4.379	0.001	0	0	0	0
PL.1749	PL.12011	B	4ACSR	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	4.414	0.073	0	0	0	1
PL.1775	PL.1749	B	4ACSR	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	4.484	0.070	0	0	0	1
024902	PL.1775	B	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	4.484	0.000	0	0	1	1
PL.1748	PL.1749	B	4ACSR	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	4.414	0.000	0	0	0	0
0332124	PL.45566	B	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	3.980	0.000	0	0	0	0
033258	PL.11990	C	Consumer	7.53Y	125.5	0.00	0.55	0.42	0	3	1	95	0.00	0.0	3.807	0.000	3	1	1	1
033222	PL.11990	C	Consumer	7.53Y	125.5	0.00	0.55	0.05	0	0	0	100	0.00	0.0	3.807	0.000	0	0	1	1
0332105	PL.11990	A	Consumer	7.55Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	3.807	0.000	0	0	0	0
033294	PL.11990	C	Consumer	7.53Y	125.5	0.00	0.55	0.07	0	1	0	100	0.00	0.0	3.807	0.000	1	0	1	1
0332107	PL.11990	B	Consumer	7.52Y	125.4	0.00	0.60	0.63	0	4	2	89	0.00	0.0	3.807	0.000	4	2	1	1
PL.23843	PL.11990	C	4ACSR	7.53Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	3.886	0.079	0	0	0	1
033204	PL.23843	C	Consumer	7.53Y	125.5	0.00	0.55	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	0.17	0.72	0	5	2	93	0.00	0.0	3.700	0.000	5	2	1	1
PL.41543	PL.11988	B	4ACSR	7.53Y	125.4	0.00	0.57	1.12	1	8	3	94	0.00	0.0	3.674	0.006	0	0	0	1
PD.7477	PL.41543	B	fuse6AMP	7.53Y	125.4	0.00	0.57	1.12	19	8	3	94	0.00	0.0	3.674	0.000	0	0	0	1
PL.41544	PD.7477	B	4ACSR	7.53Y	125.4	0.00	0.57	1.12	1	8	3	94	0.00	0.0	3.733	0.058	0	0	0	1
033281	PL.41544	B	Consumer	7.53Y	125.4	0.00	0.57	1.12	0	8	3	94	0.00	0.0	3.733	0.000	8	3	1	1
PL.18033	PL.11982	C	4ACSR	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	3.492	0.006	0	0	0	1
PD.1210	PL.18033	C	fuse6AMP	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	3.492	0.000	0	0	0	1
PL.18034	PD.1210	C	4ACSR	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	3.507	0.014	0	0	0	1
PL.6300	PL.18034	C	4ACSR	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	3.556	0.049	0	0	0	1
033207	PL.6300	C	Consumer	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	3.556	0.000	0	0	1	1
0332103	PL.6311	C	Consumer	7.53Y	125.5	0.00	0.52	0.72	0	5	2	93	0.00	0.0	3.416	0.000	5	2	1	1
PL.17202	PL.24639	C	4ACSR	7.53Y	125.5	0.00	0.48	0.25	0	2	1	89	0.00	0.0	3.337	0.026	0	0	0	1
PD.1209	PL.17202	C	fuse6AMP	7.53Y	125.5	0.00	0.48	0.25	4	2	1	89	0.00	0.0	3.337	0.000	0	0	0	1
PL.17778	PD.1209	C	4ACSR	7.53Y	125.5	0.00	0.48	0.25	0	2	1	89	0.00	0.0	3.368	0.031	0	0	0	1
033268	PL.17778	C	Consumer	7.53Y	125.5	0.00	0.48	0.25	0	2	1	89	0.00	0.0	3.368	0.000	2	1	1	1
033246	PL.19508	C	Consumer	7.54Y	125.6	0.00	0.37	0.62	0	4	2	89	0.00	0.0	3.095	0.000	4	2	1	1
033214	PL.19508	C	Consumer	7.54Y	125.6	0.00	0.37	0.44	0	3	1	95	0.00	0.0	3.095	0.000	3	1	1	1
033212	PL.11977	B	Consumer	7.54Y	125.7	0.00	0.34	0.54	0	4	1	97	0.00	0.0	3.032	0.000	4	1	1	1
033211	PL.11977	C	Consumer	7.54Y	125.7	0.00	0.34	0.50	0	4	1	97	0.00	0.0	3.032	0.000	4	1	1	1
0332123	PL.11977	B	Consumer	7.54Y	125.7	0.00	0.34	0.00	0	0	0	100	0.00	0.0	3.032	0.000	0	0	0	0
033225	PL.11977	B	Consumer	7.54Y	125.7	0.00	0.34	0.43	0	3	1	95	0.00	0.0	3.032	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
033244	PL.11977	B	Consumer	7.54Y	125.7	0.00	0.34	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	125.7	0.00	0.30	0.38	0	3	1	95	0.00	0.0	2.962	0.000	3	1	1	1
033216	PL.21490	C	Consumer	7.54Y	125.7	0.00	0.30	0.33	0	2	1	89	0.00	0.0	2.962	0.000	2	1	1	1
033217	PL.21490	C	Consumer	7.54Y	125.7	0.00	0.30	0.12	0	1	0	100	0.00	0.0	2.962	0.000	1	0	1	1
033287	PL.21490	C	Consumer	7.54Y	125.7	0.00	0.30	0.05	0	0	0	100	0.00	0.0	2.962	0.000	0	0	1	1
0332101	PL.21490	C	Consumer	7.54Y	125.7	0.00	0.30	0.12	0	1	0	100	0.00	0.0	2.962	0.000	1	0	1	1
033267	PL.21490	C	Consumer	7.54Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	2.962	0.000	0	0	1	1
033284	PL.6310	B	Consumer	7.55Y	125.8	0.00	0.23	0.16	0	1	1	71	0.00	0.0	2.878	0.000	1	1	1	1
P CP.2	PL.28038	A	Cap (150)	7.56Y	126.0	0.00	0.01	-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	0.17	-7.28	0	0	-55	0					0	0	0	0 P
P		C		7.55Y	125.8	0.00	0.17	-7.28	0	0	-55	0					0	0	0	0 P
034326	PL.6295	B	Consumer	7.55Y	125.9	0.00	0.12	0.19	0	1	1	71	0.00	0.0	2.691	0.000	1	1	1	1
034328	PL.6295	B	Consumer	7.55Y	125.9	0.00	0.12	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	0.12	0.05	0	0	0	100	0.00	0.0	2.691	0.000	0	0	1	1
0343109	PL.6295	C	Consumer	7.55Y	125.9	0.00	0.11	0.80	0	5	3	86	0.00	0.0	2.691	0.000	5	3	1	1
0343100	PL.6295	B	Consumer	7.55Y	125.9	0.00	0.12	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	0.12	0.33	0	2	1	89	0.00	0.0	2.691	0.000	2	1	1	1
034327	PL.6295	B	Consumer	7.55Y	125.9	0.00	0.12	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	0.12	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	3.28	0	22	11	89	0.00	0.0	2.691	0.000	22	11	1	1
034358	PL.6295	B	Consumer	7.55Y	125.9	0.00	0.12	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	0.10	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	0.10	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	0.10	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	0.10	0.19	0	1	1	71	0.00	0.0	2.666	0.000	1	1	1	1
034302	PL.6296	B	Consumer	7.55Y	125.9	0.00	0.10	0.06	0	0	0	100	0.00	0.0	2.666	0.000	0	0	1	1
034332	PL.6296	B	Consumer	7.55Y	125.9	0.00	0.10	0.25	0	2	1	89	0.00	0.0	2.666	0.000	2	1	1	1
034361	PL.6296	B	Consumer	7.55Y	125.9	0.00	0.10	0.40	0	3	1	95	0.00	0.0	2.666	0.000	3	1	1	1
PL.28164	PL.6296	B	4ACSR	7.55Y	125.9	0.02	0.13	5.51	5	38	17	91	0.01	0.0	2.759	0.093	0	0	0	20
PL.28165	PL.28164	B	4ACSR	7.55Y	125.9	0.00	0.13	1.27	1	9	3	95	0.00	0.0	2.815	0.056	0	0	0	9
033324	PL.28165	B	Consumer	7.55Y	125.9	0.00	0.13	0.24	0	2	1	89	0.00	0.0	2.815	0.000	2	1	1	1
033329	PL.28165	B	Consumer	7.55Y	125.9	0.00	0.13	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	125.9	0.00	0.13	0.18	0	1	0	100	0.00	0.0	2.815	0.000	1	0	1	1
033325	PL.28165	B	Consumer	7.55Y	125.9	0.00	0.13	0.07	0	0	0	100	0.00	0.0	2.815	0.000	0	0	1	1
033321	PL.28165	B	Consumer	7.55Y	125.9	0.00	0.13	0.22	0	2	1	89	0.00	0.0	2.815	0.000	2	1	1	1
033320	PL.28165	B	Consumer	7.55Y	125.9	0.00	0.13	0.19	0	1	1	71	0.00	0.0	2.815	0.000	1	1	1	1
033323	PL.28165	B	Consumer	7.55Y	125.9	0.00	0.13	0.15	0	1	0	100	0.00	0.0	2.815	0.000	1	0	1	1
033319	PL.28165	B	Consumer	7.55Y	125.9	0.00	0.13	0.10	0	1	0	100	0.00	0.0	2.815	0.000	1	0	1	1
033326	PL.28165	B	Consumer	7.55Y	125.9	0.00	0.13	0.12	0	1	0	100	0.00	0.0	2.815	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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							
033315	PL.28164	B	Consumer	7.55Y	125.9	0.00	0.13	0.12	0	1	0	100	0.00	0.0	2.759	0.000	1	0	1	1
033328	PL.28164	B	Consumer	7.55Y	125.9	0.00	0.13	0.03	0	0	0	100	0.00	0.0	2.759	0.000	0	0	1	1
033316	PL.28164	B	Consumer	7.55Y	125.9	0.00	0.13	0.21	0	1	1	71	0.00	0.0	2.759	0.000	1	1	1	1
033314	PL.28164	B	Consumer	7.55Y	125.9	0.00	0.13	2.80	0	19	9	90	0.00	0.0	2.759	0.000	19	9	1	1
033317	PL.28164	B	Consumer	7.55Y	125.9	0.00	0.13	0.13	0	1	0	100	0.00	0.0	2.759	0.000	1	0	1	1
033318	PL.28164	B	Consumer	7.55Y	125.9	0.00	0.13	0.11	0	1	0	100	0.00	0.0	2.759	0.000	1	0	1	1
033327	PL.28164	B	Consumer	7.55Y	125.9	0.00	0.13	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	125.9	0.00	0.13	0.10	0	1	0	100	0.00	0.0	2.759	0.000	1	0	1	1
033312	PL.28164	B	Consumer	7.55Y	125.9	0.00	0.13	0.17	0	1	0	100	0.00	0.0	2.759	0.000	1	0	1	1
033311	PL.28164	B	Consumer	7.55Y	125.9	0.00	0.13	0.20	0	1	1	71	0.00	0.0	2.759	0.000	1	1	1	1
033310	PL.28164	B	Consumer	7.55Y	125.9	0.00	0.13	0.38	0	3	1	95	0.00	0.0	2.759	0.000	3	1	1	1
034345	PL.17420	B	Consumer	7.39Y	123.1	0.00	2.86	0.34	0	2	1	89	0.00	0.0	2.411	0.000	2	1	1	1
034304	PL.17420	B	Consumer	7.39Y	123.1	0.00	2.86	1.08	0	7	3	92	0.00	0.0	2.411	0.000	7	3	1	1
034330	PL.17420	B	Consumer	7.39Y	123.1	0.00	2.86	0.23	0	2	1	89	0.00	0.0	2.411	0.000	2	1	1	1
034324	PL.17420	B	Consumer	7.39Y	123.1	0.00	2.86	0.60	0	4	2	89	0.00	0.0	2.411	0.000	4	2	1	1
PL.42952	PL.26032	A	4ACSR	7.46Y	124.4	0.00	1.59	0.47	0	3	1	95	0.00	0.0	2.313	0.004	0	0	0	3
PD.8196	PL.42952	A	fuse6AMP	7.46Y	124.4	0.00	1.59	0.47	8	3	1	95	0.00	0.0	2.313	0.000	0	0	0	3
PL.45895	PD.8196	A	4ACSR	7.46Y	124.4	0.00	1.59	0.47	0	3	1	95	0.00	0.0	2.327	0.014	0	0	0	3
PL.45896	PL.45895	A	4ACSR	7.46Y	124.4	0.00	1.59	0.47	0	3	1	95	0.00	0.0	2.338	0.011	0	0	0	3
034399	PL.45896	A	Consumer	7.46Y	124.4	0.00	1.59	0.02	0	0	0	100	0.00	0.0	2.338	0.000	0	0	1	1
034336	PL.45896	A	Consumer	7.46Y	124.4	0.00	1.59	0.45	0	3	1	95	0.00	0.0	2.338	0.000	3	1	1	1
0343102	PL.45896	A	Consumer	7.46Y	124.4	0.00	1.59	0.00	0	0	0	100	0.00	0.0	2.338	0.000	0	0	1	1
0343112	PL.45895	A	Consumer	7.46Y	124.4	0.00	1.59	0.00	0	0	0	100	0.00	0.0	2.327	0.000	0	0	0	0
PL.42948	PL.21584	A	2ACSR	7.46Y	124.4	0.00	1.58	1.54	1	11	4	94	0.00	0.0	2.233	0.004	0	0	0	8
PD.8194	PL.42948	A	fuse6AMP	7.46Y	124.4	0.00	1.58	1.54	26	11	4	94	0.00	0.0	2.233	0.000	0	0	0	8
PL.42949	PD.8194	A	2ACSR	7.46Y	124.4	0.00	1.59	1.54	1	11	4	94	0.00	0.0	2.237	0.005	0	0	0	8
PL.30989	PL.42949	A	4ACSR	7.46Y	124.4	0.00	1.59	1.54	1	11	4	94	0.00	0.0	2.253	0.015	0	0	0	8
034387	PL.30989	A	Consumer	7.46Y	124.4	0.00	1.59	0.21	0	1	1	71	0.00	0.0	2.253	0.000	1	1	1	1
034383	PL.30989	A	Consumer	7.46Y	124.4	0.00	1.59	0.12	0	1	0	100	0.00	0.0	2.253	0.000	1	0	1	1
034386	PL.30989	A	Consumer	7.46Y	124.4	0.00	1.59	0.13	0	1	0	100	0.00	0.0	2.253	0.000	1	0	1	1
034385	PL.30989	A	Consumer	7.46Y	124.4	0.00	1.59	0.62	0	4	2	89	0.00	0.0	2.253	0.000	4	2	1	1
034382	PL.30989	A	Consumer	7.46Y	124.4	0.00	1.59	0.04	0	0	0	100	0.00	0.0	2.253	0.000	0	0	1	1
034381	PL.30989	A	Consumer	7.46Y	124.4	0.00	1.59	0.12	0	1	0	100	0.00	0.0	2.253	0.000	1	0	1	1
034384	PL.30989	A	Consumer	7.46Y	124.4	0.00	1.59	0.20	0	1	1	71	0.00	0.0	2.253	0.000	1	1	1	1
034388	PL.30989	A	Consumer	7.46Y	124.4	0.00	1.59	0.11	0	1	0	100	0.00	0.0	2.253	0.000	1	0	1	1
PL.17421	PL.26028	A	4ACSR	7.47Y	124.4	0.00	1.58	9.64	8	67	26	93	0.00	0.0	2.203	0.006	0	0	0	23
PD.3415	PL.17421	A	50L	7.47Y	124.4	0.00	1.58	9.64	19	67	26	93	0.00	0.0	2.203	0.000	0	0	0	23
PL.17422	PD.3415	A	4ACSR	7.46Y	124.4	0.01	1.60	9.64	8	67	26	93	0.01	0.0	2.234	0.031	0	0	0	23

Unbalanced Voltage Drop Report
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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	% PF	kW Loss							% Loss
0343110	PL.17422	A	Consumer	7.46Y	124.4	0.00	1.60	0.10	0	1	0	100	0.00	0.0	2.234	0.000	1	0	1	1
034329	PL.17422	A	Consumer	7.46Y	124.4	0.00	1.60	0.54	0	4	1	97	0.00	0.0	2.234	0.000	4	1	1	1
PL.20172	PL.17422	A	4ACSR	7.46Y	124.3	0.08	1.68	9.00	8	63	24	93	0.04	0.1	2.425	0.191	0	0	0	21
PL.20171	PL.20172	A	4ACSR	7.46Y	124.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	2.441	0.016	0	0	0	0
548101	PL.20171	A	Consumer	7.46Y	124.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	2.441	0.000	0	0	0	0
PL.20173	PL.20172	A	4ACSR	7.45Y	124.2	0.13	1.80	9.00	8	63	24	93	0.06	0.1	2.729	0.304	0	0	0	21
PL.26029	PL.20173	A	4ACSR	7.45Y	124.2	0.02	1.82	8.75	7	61	24	93	0.01	0.0	2.768	0.039	0	0	0	19
034364	PL.26029	A	Consumer	7.45Y	124.2	0.00	1.82	0.72	0	5	2	93	0.00	0.0	2.768	0.000	5	2	1	1
034352	PL.26029	A	Consumer	7.45Y	124.2	0.00	1.82	0.41	0	3	1	95	0.00	0.0	2.768	0.000	3	1	1	1
034360	PL.26029	A	Consumer	7.45Y	124.2	0.00	1.82	0.10	0	1	0	100	0.00	0.0	2.768	0.000	1	0	1	1
PL.42217	PL.26029	A	4ACSR	7.45Y	124.2	0.00	1.82	5.85	5	41	16	93	0.00	0.0	2.776	0.009	0	0	0	12
PD.7650-A	PL.42217	A	Closed	7.45Y	124.2	0.00	1.82	5.85	0	41	16	93	0.00	0.0	2.776	0.000	0	0	0	12
PD.7650-B	PD.7650-A	A	Closed	7.45Y	124.2	0.00	1.82	5.85	0	41	16	93	0.00	0.0	2.776	0.000	0	0	0	12
PL.42218	PD.7650-B	A	4ACSR	7.45Y	124.2	0.01	1.83	5.85	5	41	16	93	0.00	0.0	2.824	0.048	0	0	0	12
PL.6291	PL.42218	A	4ACSR	7.45Y	124.1	0.03	1.86	4.42	4	31	12	93	0.01	0.0	2.952	0.128	0	0	0	10
034333	PL.6291	A	Consumer	7.45Y	124.1	0.00	1.86	0.18	0	1	0	100	0.00	0.0	2.952	0.000	1	0	1	1
034315	PL.6291	A	Consumer	7.45Y	124.1	0.00	1.86	0.34	0	2	1	89	0.00	0.0	2.952	0.000	2	1	1	1
034363	PL.6291	A	Consumer	7.45Y	124.1	0.00	1.86	0.05	0	0	0	100	0.00	0.0	2.952	0.000	0	0	1	1
PL.19691	PL.6291	A	4ACSR	7.45Y	124.1	0.00	1.86	3.85	3	27	10	94	0.00	0.0	2.971	0.019	0	0	0	7
034371	PL.19691	A	Consumer	7.45Y	124.1	0.00	1.86	0.60	0	4	2	89	0.00	0.0	2.971	0.000	4	2	1	1
PL.19692	PL.19691	A	4ACSR	7.45Y	124.1	0.00	1.86	3.24	3	22	9	93	0.00	0.0	2.984	0.014	0	0	0	6
PL.26031	PL.19692	A	4ACSR	7.45Y	124.1	0.00	1.87	2.90	2	20	8	93	0.00	0.0	3.020	0.036	0	0	0	5
PL.28158	PL.26031	A	4ACSR	7.45Y	124.1	0.01	1.87	2.90	2	20	8	93	0.00	0.0	3.075	0.055	0	0	0	5
PL.28159	PL.28158	A	4ACSR	7.45Y	124.1	0.02	1.89	2.90	2	20	8	93	0.00	0.0	3.208	0.133	0	0	0	5
PL.27859	PL.28159	A	4ACSR	7.45Y	124.1	0.00	1.89	1.34	1	9	4	91	0.00	0.0	3.252	0.045	0	0	0	3
PL.28160	PL.27859	A	4ACSR	7.45Y	124.1	0.00	1.90	1.34	1	9	4	91	0.00	0.0	3.313	0.061	0	0	0	3
035368	PL.28160	A	Consumer	7.45Y	124.1	0.00	1.90	1.03	0	7	3	92	0.00	0.0	3.313	0.000	7	3	1	1
PL.28161	PL.28160	A	4ACSR	7.45Y	124.1	0.00	1.90	0.31	0	2	1	89	0.00	0.0	3.371	0.058	0	0	0	2
035369	PL.28161	A	Consumer	7.45Y	124.1	0.00	1.90	0.30	0	2	1	89	0.00	0.0	3.371	0.000	2	1	1	1
035341	PL.28161	A	Consumer	7.45Y	124.1	0.00	1.90	0.01	0	0	0	100	0.00	0.0	3.371	0.000	0	0	1	1
035370	PL.28159	A	Consumer	7.45Y	124.1	0.00	1.89	0.94	0	7	3	92	0.00	0.0	3.208	0.000	7	3	1	1
035325	PL.28159	A	Consumer	7.45Y	124.1	0.00	1.89	0.62	0	4	2	89	0.00	0.0	3.208	0.000	4	2	1	1
035351	PL.28159	A	Consumer	7.45Y	124.1	0.00	1.89	0.00	0	0	0	100	0.00	0.0	3.208	0.000	0	0	0	0
034366	PL.19692	A	Consumer	7.45Y	124.1	0.00	1.86	0.34	0	2	1	89	0.00	0.0	2.984	0.000	2	1	1	1
034350	PL.42218	A	Consumer	7.45Y	124.2	0.00	1.83	0.81	0	6	2	95	0.00	0.0	2.824	0.000	6	2	1	1
034349	PL.42218	A	Consumer	7.45Y	124.2	0.00	1.83	0.62	0	4	2	89	0.00	0.0	2.824	0.000	4	2	1	1
PL.42215	PL.26029	A	4ACSR	7.45Y	124.2	0.00	1.82	1.67	1	12	5	92	0.00	0.0	2.781	0.013	0	0	0	4
PD.7649	PL.42215	A	fuse6AMP	7.45Y	124.2	0.00	1.82	1.67	29	12	5	92	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\SUMMER\PROPOSED SUMMER 06-10 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.42216	PD.7649	A	4ACSR	7.45Y	124.2	0.00	1.82	1.67	1	12	5	92	0.00	0.0	2.816	0.035	0	0	0	4
PL.21586	PL.42216	A	4ACSR	7.45Y	124.2	0.01	1.83	1.10	1	8	3	94	0.00	0.0	2.988	0.172	0	0	0	3
0343103	PL.21586	A	Consumer	7.45Y	124.2	0.00	1.83	0.75	0	5	2	93	0.00	0.0	2.988	0.000	5	2	1	1
PL.21587	PL.21586	A	4ACSR	7.45Y	124.2	0.00	1.83	0.35	0	2	1	89	0.00	0.0	3.028	0.040	0	0	0	2
034367	PL.21587	A	Consumer	7.45Y	124.2	0.00	1.83	0.25	0	2	1	89	0.00	0.0	3.028	0.000	2	1	1	1
034319	PL.21587	A	Consumer	7.45Y	124.2	0.00	1.83	0.10	0	1	0	100	0.00	0.0	3.028	0.000	1	0	1	1
PL.23266	PL.21587	A	4ACSR	7.45Y	124.2	0.00	1.83	0.00	0	0	0	100	0.00	0.0	3.380	0.352	0	0	0	0
PL.21117	PL.23266	A	4ACSR	7.45Y	124.2	0.00	1.83	0.00	0	0	0	100	0.00	0.0	3.566	0.185	0	0	0	0
PL.21217	PL.42216	A	4ACSR	7.45Y	124.2	0.00	1.82	0.58	0	4	2	89	0.00	0.0	2.863	0.047	0	0	0	1
0343101	PL.21217	A	Consumer	7.45Y	124.2	0.00	1.82	0.58	0	4	2	89	0.00	0.0	2.863	0.000	4	2	1	1
034347	PL.20173	A	Consumer	7.45Y	124.2	0.00	1.80	0.11	0	1	0	100	0.00	0.0	2.729	0.000	1	0	1	1
034348	PL.20173	A	Consumer	7.45Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	2.729	0.000	0	0	0	0
034346	PL.20173	A	Consumer	7.45Y	124.2	0.00	1.80	0.14	0	1	0	100	0.00	0.0	2.729	0.000	1	0	1	1
PL.42946	PL.25749	A	2ACSR	7.47Y	124.4	0.00	1.57	0.09	0	1	0	100	0.00	0.0	2.166	0.005	0	0	0	0
		B		7.40Y	123.3	0.00	2.65	0.09	0	1	0	90			0	0	0	0	0	0
		C		7.38Y	123.0	0.00	3.02	0.09	0	1	0	90			0	0	0	0	0	0
PD.8193	PL.42946	A	fuse8AMP	7.47Y	124.4	0.00	1.57	0.09	1	1	0	100	0.00	0.0	2.166	0.000	0	0	0	0
		B		7.40Y	123.3	0.00	2.65	0.09	1	1	0	90			0	0	0	0	0	0
		C		7.38Y	123.0	0.00	3.02	0.09	1	1	0	90			0	0	0	0	0	0
PL.42947	PD.8193	A	2ACSR	7.47Y	124.4	0.00	1.57	0.09	0	1	0	100	0.00	0.0	2.185	0.018	0	0	0	0
		B		7.40Y	123.3	0.00	2.65	0.09	0	1	0	90			0	0	0	0	0	0
		C		7.38Y	123.0	0.00	3.02	0.09	0	1	0	90			0	0	0	0	0	0
034359	PL.42947	A	Consumer	7.47Y	124.4	0.00	1.57	0.09	0	1	0	100	0.00	0.0	2.185	0.000	1	0	0	0
		B		7.40Y	123.3	0.00	2.65	0.09	0	1	0	90			1	0	0	0	0	0
		C		7.38Y	123.0	0.00	3.02	0.09	0	1	0	90			1	0	0	0	0	0
546103	PL.25747	B	Consumer	7.41Y	123.4	0.00	2.56	0.39	0	3	1	95	0.00	0.0	2.038	0.000	3	1	1	1
546107	PL.25747	B	Consumer	7.41Y	123.4	0.00	2.56	0.62	0	4	2	89	0.00	0.0	2.038	0.000	4	2	1	1
546106	PL.25747	C	Consumer	7.38Y	123.1	0.00	2.93	0.57	0	4	2	89	0.00	0.0	2.038	0.000	4	2	1	1
546102	PL.25747	B	Consumer	7.41Y	123.4	0.00	2.56	0.59	0	4	2	89	0.00	0.0	2.038	0.000	4	2	1	1
546101	PL.25747	B	Consumer	7.41Y	123.4	0.00	2.56	0.69	0	5	2	93	0.00	0.0	2.038	0.000	5	2	1	1
545206	PL.18617	C	Consumer	7.39Y	123.1	0.00	2.86	0.04	0	0	0	100	0.00	0.0	1.948	0.000	0	0	1	1
545301	PL.6971	C	Consumer	7.39Y	123.2	0.00	2.78	0.42	0	3	1	95	0.00	0.0	1.847	0.000	3	1	1	1
545433	PL.25739	C	Consumer	7.40Y	123.3	0.00	2.66	0.13	0	1	0	100	0.00	0.0	1.705	0.000	1	0	1	1
545402	PL.25739	C	Consumer	7.40Y	123.3	0.00	2.66	0.68	0	5	2	93	0.00	0.0	1.705	0.000	5	2	1	1
544406	PL.25739	B	Consumer	7.42Y	123.7	0.00	2.29	0.40	0	3	1	95	0.00	0.0	1.705	0.000	3	1	1	1
545501	PL.20125	B	Consumer	7.43Y	123.8	0.00	2.21	0.15	0	1	0	100	0.00	0.0	1.626	0.000	1	0	1	1
545434	PL.20125	A	Consumer	7.48Y	124.6	0.00	1.39	3.01	0	20	10	89	0.00	0.0	1.626	0.000	20	10	1	1
544409	PL.20125	C	Consumer	7.40Y	123.4	0.00	2.59	0.12	0	1	0	100	0.00	0.0	1.626	0.000	1	0	1	1
PL.3524	PL.11274	A	2ACSR	7.48Y	124.6	0.00	1.37	0.94	1	6	3	89	0.00	0.0	1.619	0.040	0	0	0	0
		B		7.43Y	123.8	0.00	2.17	0.95	1	6	3	90			0	0	0	0	0	0
		C		7.41Y	123.5	0.00	2.54	0.95	1	6	3	90			0	0	0	0	0	0
PL.11278	PL.3524	A	2ACSR	7.48Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	1.634	0.015	0	0	0	0
		B		7.43Y	123.8	0.00	2.17	0.00	0	0	0	100			0	0	0	0	0	0
		C		7.41Y	123.5	0.00	2.54	0.00	0	0	0	100			0	0	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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 PD.189-A, 545514, 545511, 545513, 544512, 545505, 544511, 544502, 544518, 544521, 544516, 5445021, 544517, 544515, 5445023, 544520, 544519, 543604, 543609, 543505, 543504, 543605, 543507, 543506, 543603, 543613, 543606, PL.18023, C PD.2827, PL.18022, PL.3528, 542624, 542621, 542627, 542626, 542623.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
542622	PL.3528	A	Consumer	7.49Y	124.9	0.00	1.12	0.13	0	1	0	100	0.00	0.0	1.341	0.000	1	0	1	1
542628	PL.3528	A	Consumer	7.49Y	124.9	0.00	1.12	0.18	0	1	1	71	0.00	0.0	1.341	0.000	1	1	1	1
542620	PL.3528	A	Consumer	7.49Y	124.9	0.00	1.12	0.42	0	3	1	95	0.00	0.0	1.341	0.000	3	1	1	1
542625	PL.3528	A	Consumer	7.49Y	124.9	0.00	1.12	0.20	0	1	1	71	0.00	0.0	1.341	0.000	1	1	1	1
PL.3510	PL.18022	A	4ACSR	7.49Y	124.9	0.00	1.12	2.92	2	20	8	93	0.00	0.0	1.351	0.027	0	0	0	18
541609	PL.3510	A	Consumer	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
542635	PL.3510	A	Consumer	7.49Y	124.9	0.00	1.12	0.22	0	2	1	89	0.00	0.0	1.351	0.000	2	1	1	1
541608	PL.3510	A	Consumer	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
541606	PL.3510	A	Consumer	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
542636	PL.3510	A	Consumer	7.49Y	124.9	0.00	1.12	0.11	0	1	0	100	0.00	0.0	1.351	0.000	1	0	1	1
541604	PL.3510	A	Consumer	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
541602	PL.3510	A	Consumer	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
541607	PL.3510	A	Consumer	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
541603	PL.3510	A	Consumer	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
541605	PL.3510	A	Consumer	7.49Y	124.9	0.00	1.12	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	0.00	1.12	2.59	2	18	7	93	0.00	0.0	1.377	0.026	0	0	0	16
542631	PL.7382	A	Consumer	7.49Y	124.9	0.00	1.12	0.15	0	1	0	100	0.00	0.0	1.377	0.000	1	0	1	1
542630	PL.7382	A	Consumer	7.49Y	124.9	0.00	1.12	0.18	0	1	1	71	0.00	0.0	1.377	0.000	1	1	1	1
542633	PL.7382	A	Consumer	7.49Y	124.9	0.00	1.12	0.19	0	1	1	71	0.00	0.0	1.377	0.000	1	1	1	1
542632	PL.7382	A	Consumer	7.49Y	124.9	0.00	1.12	0.11	0	1	0	100	0.00	0.0	1.377	0.000	1	0	1	1
542634	PL.7382	A	Consumer	7.49Y	124.9	0.00	1.12	0.06	0	0	0	100	0.00	0.0	1.377	0.000	0	0	1	1
542629	PL.7382	A	Consumer	7.49Y	124.9	0.00	1.12	0.31	0	2	1	89	0.00	0.0	1.377	0.000	2	1	1	1
PL.7381	PL.7382	A	4ACSR	7.49Y	124.9	0.00	1.13	1.58	1	11	4	94	0.00	0.0	1.411	0.035	0	0	0	10
541506	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.13	0.09	0	1	0	100	0.00	0.0	1.411	0.000	1	0	1	1
541502	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.13	0.16	0	1	0	100	0.00	0.0	1.411	0.000	1	0	1	1
541507	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.13	0.04	0	0	0	100	0.00	0.0	1.411	0.000	0	0	1	1
541504	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.13	0.15	0	1	0	100	0.00	0.0	1.411	0.000	1	0	1	1
541501	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.13	0.37	0	3	1	95	0.00	0.0	1.411	0.000	3	1	1	1
541510	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.13	0.05	0	0	0	100	0.00	0.0	1.411	0.000	0	0	1	1
541503	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.13	0.13	0	1	0	100	0.00	0.0	1.411	0.000	1	0	1	1
541509	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.13	0.26	0	2	1	89	0.00	0.0	1.411	0.000	2	1	1	1
541505	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.13	0.15	0	1	0	100	0.00	0.0	1.411	0.000	1	0	1	1
541508	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.13	0.18	0	1	1	71	0.00	0.0	1.411	0.000	1	1	1	1
542617	PL.18022	A	Consumer	7.49Y	124.9	0.00	1.12	0.53	0	4	1	97	0.00	0.0	1.323	0.000	4	1	1	1
542616	PL.18022	A	Consumer	7.49Y	124.9	0.00	1.12	0.50	0	4	1	97	0.00	0.0	1.323	0.000	4	1	1	1
542619	PL.18022	A	Consumer	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	1.323	0.000	0	0	0	0
542637	PL.18022	A	Consumer	7.49Y	124.9	0.00	1.12	0.62	0	4	2	89	0.00	0.0	1.323	0.000	4	2	1	1
542615	PL.11269	B	Consumer	7.45Y	124.2	0.00	1.77	0.29	0	2	1	89	0.00	0.0	1.267	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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)	-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss			KW	KVAR	Cons On	Cons Thru	
542705	PL.11269	B	Consumer	7.45Y	124.2	0.00	1.77	0.54	0	4	1	97	0.00	0.0	1.267	0.000	4	1	1	1
542602	PL.11269	B	Consumer	7.45Y	124.2	0.00	1.77	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	124.2	0.00	1.77	0.11	0	1	0	100	0.00	0.0	1.267	0.000	1	0	1	1
542607	PL.11269	B	Consumer	7.45Y	124.2	0.00	1.77	0.34	0	2	1	89	0.00	0.0	1.267	0.000	2	1	1	1
542604	PL.11269	B	Consumer	7.45Y	124.2	0.00	1.77	0.74	0	5	2	93	0.00	0.0	1.267	0.000	5	2	1	1
542618	PL.11269	B	Consumer	7.45Y	124.2	0.00	1.77	0.23	0	2	1	89	0.00	0.0	1.267	0.000	2	1	1	1
542603	PL.11269	B	Consumer	7.45Y	124.2	0.00	1.77	0.20	0	1	1	71	0.00	0.0	1.267	0.000	1	1	1	1
542612	PL.11269	B	Consumer	7.45Y	124.2	0.00	1.77	0.40	0	3	1	95	0.00	0.0	1.267	0.000	3	1	1	1
5417022	PL.18702	A	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.126	0.000	0	0	1	1
541721	PL.18702	A	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.126	0.000	0	0	0	0
541720	PL.18702	A	Consumer	7.50Y	125.1	0.00	0.94	0.05	0	0	0	100	0.00	0.0	1.126	0.000	0	0	1	1
541714	PL.18702	A	Consumer	7.50Y	125.1	0.00	0.94	0.83	0	6	3	89	0.00	0.0	1.126	0.000	6	3	1	1
541715	PL.18702	A	Consumer	7.50Y	125.1	0.00	0.94	1.50	0	10	5	89	0.00	0.0	1.126	0.000	10	5	1	1
541701	PL.26215	A	Consumer	7.51Y	125.1	0.00	0.86	0.18	0	1	0	100	0.00	0.0	1.053	0.000	1	0	1	1
541802	PL.26215	A	Consumer	7.51Y	125.1	0.00	0.86	0.24	0	2	1	89	0.00	0.0	1.053	0.000	2	1	1	1
540701	PL.26215	A	Consumer	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	1.053	0.000	0	0	1	1
541801	PL.26215	A	Consumer	7.51Y	125.1	0.00	0.86	0.46	0	3	1	95	0.00	0.0	1.053	0.000	3	1	1	1
540811	PL.27830	A	Consumer	7.51Y	125.2	0.00	0.81	0.40	0	3	1	95	0.00	0.0	1.014	0.000	3	1	1	1
540812	PL.27830	A	Consumer	7.51Y	125.2	0.00	0.81	0.03	0	0	0	100	0.00	0.0	1.014	0.000	0	0	1	1
540804	PL.27830	A	Consumer	7.51Y	125.2	0.00	0.81	0.60	0	4	2	89	0.00	0.0	1.014	0.000	4	2	1	1
PL.18404	PL.27830	B	4ACSR	7.48Y	124.6	0.00	1.41	1.32	1	9	4	91	0.00	0.0	1.022	0.008	0	0	0	2
PD.2531	PL.18404	B	fuse6AMP	7.48Y	124.6	0.00	1.41	1.32	23	9	4	91	0.00	0.0	1.022	0.000	0	0	0	2
PL.18405	PD.2531	B	4ACSR	7.48Y	124.6	0.00	1.41	1.32	1	9	4	91	0.00	0.0	1.035	0.013	0	0	0	2
540815	PL.18405	B	Consumer	7.48Y	124.6	0.00	1.41	0.48	0	3	1	95	0.00	0.0	1.035	0.000	3	1	1	1
540813	PL.18405	B	Consumer	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	1.035	0.000	0	0	0	0
540814	PL.18405	B	Consumer	7.48Y	124.6	0.00	1.41	0.84	0	6	2	95	0.00	0.0	1.035	0.000	6	2	1	1
540816	PL.18405	B	Consumer	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	1.035	0.000	0	0	0	0
540808	PL.19912	C	Consumer	7.47Y	124.5	0.00	1.47	0.31	0	2	1	89	0.00	0.0	0.922	0.000	2	1	1	1
540810	PL.19912	C	Consumer	7.47Y	124.5	0.00	1.47	0.15	0	1	0	100	0.00	0.0	0.922	0.000	1	0	1	1
540807	PL.19912	A	Consumer	7.52Y	125.3	0.00	0.70	0.93	0	7	3	92	0.00	0.0	0.922	0.000	7	3	1	1
540805	PL.19912	A	Consumer	7.52Y	125.3	0.00	0.70	0.44	0	3	1	95	0.00	0.0	0.922	0.000	3	1	1	1
033407	PL.26214	A	Consumer	7.52Y	125.4	0.00	0.64	0.07	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	0.64	0.00	0	0	0	100	0.00	0.0	0.873	0.000	0	0	0	0
033406	PL.26214	C	Consumer	7.48Y	124.6	0.00	1.38	0.11	0	1	0	100	0.00	0.0	0.873	0.000	1	0	1	1
033479	PL.26214	A	Consumer	7.52Y	125.4	0.00	0.64	0.00	0	0	0	100	0.00	0.0	0.873	0.000	0	0	0	0
PL.26212	PL.26213	A	397ACSR	7.52Y	125.4	0.00	0.61	0.00	0	0	0	100	0.00	0.0	0.857	0.025	0	0	0	0
		B		7.49Y	124.9	0.00	1.15	0.00	0	0	0	100					0	0	0	0
		C		7.48Y	124.7	0.00	1.31	0.00	0	0	0	100					0	0	0	0

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.42186, PD.7638-B, 033416, 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 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\SUMMER\PROPOSED SUMMER 06-10 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						
032443	PL.19482	C	Consumer	7.56Y	126.0	0.00	0.03	1.18	0	8	4	89	0.00	0.0	0.091	0.000	8	4	1	1		
PL.19483	PL.19482	A	336ACSR	7.56Y	125.9	0.01	0.07	50.13	11	351	142	93	0.05	0.0	0.113	0.023	0	0	0	106		
		B		7.56Y	126.0	0.01	0.05	56.41	13	395	160	93					0	0	0	100		
		C		7.56Y	126.0	0.01	0.03	41.90	9	293	120	93					0	0	0	69		
PL.4871	PL.19483	A	336ACSR	7.56Y	125.9	0.00	0.07	50.13	11	351	142	93	0.01	0.0	0.119	0.005	0	0	0	106		
		B		7.56Y	125.9	0.00	0.05	56.41	13	395	160	93					0	0	0	100		
		C		7.56Y	126.0	0.00	0.04	41.88	9	293	120	93					0	0	0	68		
PL.40619	PL.4871	A	2ACSR	7.56Y	125.9	0.00	0.07	0.70	0	5	2	93	0.00	0.0	0.126	0.007	0	0	0	3		
		C		7.56Y	126.0	0.00	0.04	2.35	2	17	6	93					0	0	0	6		
PD.7237	PL.40619	A	fuse6AMP	7.56Y	125.9	0.00	0.07	0.70	12	5	2	93	0.00	0.0	0.126	0.000	0	0	0	3		
		C		7.56Y	126.0	0.00	0.04	2.35	40	17	6	93					0	0	0	6		
PL.40620	PD.7237	A	2ACSR	7.56Y	125.9	0.00	0.07	0.70	0	5	2	93	0.00	0.0	0.195	0.070	0	0	0	3		
		C		7.56Y	126.0	0.01	0.04	2.35	2	17	6	93					0	0	0	6		
032488	PL.40620	A	Consumer	7.56Y	125.9	0.00	0.07	0.05	0	0	0	100	0.00	0.0	0.195	0.000	0	0	1	1		
		C		7.56Y	126.0	0.00	0.04	0.05	0	0	0	93					0	0	1	1		
032472	PL.40620	A	Consumer	7.56Y	125.9	0.00	0.07	0.36	0	3	1	95	0.00	0.0	0.195	0.000	3	1	1	1		
		C		7.56Y	126.0	0.00	0.04	0.36	0	3	1	93					3	1	1	1		
032494	PL.40620	A	Consumer	7.56Y	125.9	0.00	0.07	0.10	0	1	0	100	0.00	0.0	0.195	0.000	1	0	1	1		
		C		7.56Y	126.0	0.00	0.04	0.10	0	1	0	93					1	0	1	1		
032489	PL.40620	A	Consumer	7.56Y	125.9	0.00	0.07	0.04	0	0	0	100	0.00	0.0	0.195	0.000	0	0	1	1		
		C		7.56Y	126.0	0.00	0.04	0.04	0	0	0	93					0	0	1	1		
0324103	PL.40620	A	Consumer	7.56Y	125.9	0.00	0.07	0.14	0	1	0	100	0.00	0.0	0.195	0.000	1	0	1	1		
		C		7.56Y	126.0	0.00	0.04	0.14	0	1	0	93					1	0	1	1		
PL.19486	PL.40620	C	4ACSR	7.56Y	126.0	0.00	0.05	1.66	1	12	5	92	0.00	0.0	0.248	0.053	0	0	0	3		
032474	PL.19486	C	Consumer	7.56Y	126.0	0.00	0.05	0.73	0	5	2	93	0.00	0.0	0.248	0.000	5	2	1	1		
032454	PL.19486	C	Consumer	7.56Y	126.0	0.00	0.05	0.43	0	3	1	95	0.00	0.0	0.248	0.000	3	1	1	1		
032495	PL.19486	C	Consumer	7.56Y	126.0	0.00	0.05	0.50	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	0.02	0.09	49.43	11	346	140	93	0.08	0.0	0.160	0.042	0	0	0	103		
		B		7.56Y	125.9	0.02	0.07	56.41	13	395	160	93					0	0	0	100		
		C		7.56Y	126.0	0.01	0.05	39.53	9	276	114	92					0	0	0	62		
0324100	PL.18245	C	Consumer	7.56Y	126.0	0.00	0.05	0.41	0	3	1	95	0.00	0.0	0.160	0.000	3	1	1	1		
PL.18246	PL.18245	A	336ACSR	7.55Y	125.9	0.03	0.12	49.43	11	346	140	93	0.13	0.0	0.224	0.064	0	0	0	103		
		B		7.55Y	125.9	0.03	0.10	56.41	13	395	160	93					0	0	0	100		
		C		7.56Y	125.9	0.01	0.06	39.12	9	273	112	92					0	0	0	61		
PL.9734	PL.18246	A	336ACSR	7.55Y	125.8	0.07	0.19	48.70	11	341	138	93	0.26	0.0	0.359	0.135	0	0	0	101		
		B		7.55Y	125.8	0.06	0.16	56.41	13	395	160	93					0	0	0	100		
		C		7.55Y	125.9	0.03	0.09	39.12	9	273	112	92					0	0	0	61		
PL.40621	PL.9734	C	4ACSR	7.55Y	125.9	0.00	0.09	0.47	0	3	1	95	0.00	0.0	0.368	0.009	0	0	0	2		
PD.7238	PL.40621	C	fuse6AMP	7.55Y	125.9	0.00	0.09	0.47	8	3	1	95	0.00	0.0	0.368	0.000	0	0	0	2		
PL.40622	PD.7238	C	4ACSR	7.55Y	125.9	0.00	0.09	0.47	0	3	1	95	0.00	0.0	0.401	0.033	0	0	0	2		
032441	PL.40622	C	Consumer	7.55Y	125.9	0.00	0.09	0.22	0	1	1	71	0.00	0.0	0.401	0.000	1	1	1	1		
032433	PL.40622	C	Consumer	7.55Y	125.9	0.00	0.09	0.25	0	2	1	89	0.00	0.0	0.401	0.000	2	1	1	1		
032451	PL.40622	C	Consumer	7.55Y	125.9	0.00	0.09	0.00	0	0	0	100	0.00	0.0	0.401	0.000	0	0	0	0		
PL.19754	PL.9734	A	336ACSR	7.55Y	125.8	0.03	0.22	47.75	11	334	135	93	0.12	0.0	0.422	0.063	0	0	0	98		
		B		7.55Y	125.8	0.03	0.19	56.41	13	395	160	93					0	0	0	100		
		C		7.55Y	125.9	0.01	0.11	38.65	9	270	111	93					0	0	0	59		
032467	PL.19754	B	Consumer	7.55Y	125.8	0.00	0.19	0.36	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	0.19	0.25	0	2	1	89	0.00	0.0	0.422	0.000	2	1	1	1		

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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.1722	PL.27278	C	4ACSR	7.54Y	125.7	0.00	0.26	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	0.26	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	0.26	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	0.26	0.00	0	0	0	100	0.00	0.0	1.320	0.000	0	0	0	0
PL.37743	PL.40638	A B C	6ACWC	7.53Y 7.52Y 7.54Y	125.4 125.4 125.7	0.03 0.04 0.03	0.57 0.61 0.29	42.54 55.04 37.79	36 47 32	297 385 264	120 154 108	93 93 93	0.27 0.0	0.0	1.194	0.019	0 0 0	0 0 0	0 0 0	89 94 56
PD.6214-A	PL.37743	A B C	Closed	7.53Y 7.52Y 7.54Y	125.4 125.4 125.7	0.00 0.00 0.00	0.57 0.61 0.29	42.54 55.04 37.79	0 0 0	297 384 264	120 154 108	93 93 93	0.00 0.0	0.0	1.194	0.000	0 0 0	0 0 0	0 0 0	89 94 56
PD.6214-B	PD.6214-A	A B C	Closed	7.53Y 7.52Y 7.54Y	125.4 125.4 125.7	0.00 0.00 0.00	0.57 0.61 0.29	42.54 55.04 37.79	0 0 0	297 384 264	120 154 108	93 93 93	0.00 0.0	0.0	1.194	0.000	0 0 0	0 0 0	0 0 0	89 94 56
PL.37744	PD.6214-B	A B C	6ACWC	7.52Y 7.51Y 7.54Y	125.3 125.2 125.6	0.12 0.15 0.09	0.69 0.76 0.37	42.54 55.04 37.79	36 47 32	297 384 264	120 154 108	93 93 93	0.93 0.1	0.1	1.261	0.067	0 0 0	0 0 0	0 0 0	89 94 56
PL.28134	PL.37744	A B C	6ACWC	7.51Y 7.51Y 7.53Y	125.2 125.1 125.6	0.10 0.12 0.07	0.79 0.88 0.45	42.54 55.04 37.79	36 47 32	296 384 264	120 154 108	93 93 93	0.77 0.1	0.1	1.316	0.055	0 0 0	0 0 0	0 0 0	89 94 56
PL.40617	PL.28134	B	4ACSR	7.51Y	125.1	0.00	0.88	0.73	1	5	2	93	0.00	0.0	1.320	0.004	0	0	0	3
PD.7236	PL.40617	B	fuse6AMP	7.51Y	125.1	0.00	0.88	0.73	13	5	2	93	0.00	0.0	1.320	0.000	0	0	0	3
PL.40618	PD.7236	B	4ACSR	7.51Y	125.1	0.00	0.88	0.73	1	5	2	93	0.00	0.0	1.369	0.049	0	0	0	3
PL.9730	PL.40618	B	4ACSR	7.51Y	125.1	0.00	0.89	0.73	1	5	2	93	0.00	0.0	1.500	0.131	0	0	0	2
PL.9731	PL.9730	B	4ACSR	7.51Y	125.1	0.00	0.89	0.73	1	5	2	93	0.00	0.0	1.520	0.020	0	0	0	1
031425	PL.9731	B	Consumer	7.51Y	125.1	0.00	0.89	0.73	0	5	2	93	0.00	0.0	1.520	0.000	5	2	1	1
031426	PL.9730	B	Consumer	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	1.500	0.000	0	0	1	1
031407	PL.40618	B	Consumer	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	1.369	0.000	0	0	1	1
PL.40650	PL.28134	A B C	6ACWC	7.51Y 7.50Y 7.53Y	125.1 125.0 125.5	0.09 0.11 0.07	0.88 1.00 0.51	42.54 54.31 37.79	36 46 32	296 378 264	120 151 108	93 93 93	0.70 0.1	0.1	1.368	0.052	0 0 0	0 0 0	0 0 0	89 91 56
PD.7244-A	PL.40650	A B C	Closed	7.51Y 7.50Y 7.53Y	125.1 125.0 125.5	0.00 0.00 0.00	0.88 1.00 0.51	42.54 54.31 37.79	0 0 0	296 378 263	120 151 108	93 93 93	0.00 0.0	0.0	1.368	0.000	0 0 0	0 0 0	0 0 0	89 91 56
PD.7244-B	PD.7244-A	A B C	Closed	7.51Y 7.50Y 7.53Y	125.1 125.0 125.5	0.00 0.00 0.00	0.88 1.00 0.51	42.54 54.31 37.79	0 0 0	296 378 263	120 151 108	93 93 93	0.00 0.0	0.0	1.368	0.000	0 0 0	0 0 0	0 0 0	89 91 56
PL.40651	PD.7244-B	A B C	6ACWC	7.50Y 7.49Y 7.53Y	125.0 124.9 125.4	0.09 0.11 0.07	0.97 1.11 0.58	42.54 54.31 37.79	36 46 32	296 378 263	120 151 108	93 93 93	0.69 0.1	0.1	1.418	0.051	0 0 0	0 0 0	0 0 0	89 91 56
031409	PL.40651	B	Consumer	7.49Y	124.9	0.00	1.11	0.44	0	3	1	95	0.00	0.0	1.418	0.000	3	1	1	1
031411	PL.40651	B	Consumer	7.49Y	124.9	0.00	1.11	0.66	0	5	2	93	0.00	0.0	1.418	0.000	5	2	1	1
PL.40615	PL.40651	B	4ACSR	7.49Y	124.9	0.00	1.11	1.29	1	9	4	91	0.00	0.0	1.424	0.006	0	0	0	2
PD.7235	PL.40615	B	fuse6AMP	7.49Y	124.9	0.00	1.11	1.29	22	9	4	91	0.00	0.0	1.424	0.000	0	0	0	2
PL.40616	PD.7235	B	4ACSR	7.49Y	124.9	0.00	1.11	1.29	1	9	4	91	0.00	0.0	1.477	0.053	0	0	0	2
PL.1726	PL.40616	B	4ACSR	7.49Y	124.9	0.00	1.11	1.29	1	9	4	91	0.00	0.0	1.497	0.021	0	0	0	1
031420	PL.1726	B	Consumer	7.49Y	124.9	0.00	1.11	1.29	0	9	4	91	0.00	0.0	1.497	0.000	9	4	1	1
031421	PL.40616	B	Consumer	7.49Y	124.9	0.00	1.11	0.00	0	0	0	100	0.00	0.0	1.477	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.9727, PL.45930, PD.8689, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.43741	PL.27282	C	4ACSR	7.45Y	124.2	0.01	1.80	15.01	13	104	41	93	0.01	0.0	2.346	0.016	0	0	0	25
PD.3409	PL.43741	C	35L	7.45Y	124.2	0.00	1.80	15.01	43	104	41	93	0.00	0.0	2.346	0.000	0	0	0	25
PL.43742	PD.3409	C	4ACSR	7.45Y	124.1	0.08	1.87	15.01	13	104	41	93	0.06	0.1	2.456	0.110	0	0	0	25
PL.24530	PL.43742	C	4ACSR	7.44Y	124.1	0.05	1.92	14.17	12	98	38	93	0.03	0.0	2.528	0.072	0	0	0	23
PL.9736	PL.24530	C	4ACSR	7.44Y	124.0	0.05	1.97	13.47	11	93	36	93	0.04	0.0	2.614	0.086	0	0	0	22
PL.40597	PL.9736	C	4ACSR	7.44Y	124.0	0.03	2.01	11.11	9	77	30	93	0.02	0.0	2.677	0.063	0	0	0	20
PD.7226-A	PL.40597	C	Closed	7.44Y	124.0	0.00	2.01	11.11	0	77	30	93	0.00	0.0	2.677	0.000	0	0	0	20
PD.7226-B	PD.7226-A	C	Closed	7.44Y	124.0	0.00	2.01	11.11	0	77	30	93	0.00	0.0	2.677	0.000	0	0	0	20
PL.40598	PD.7226-B	C	4ACSR	7.44Y	124.0	0.01	2.01	11.11	9	77	30	93	0.00	0.0	2.689	0.012	0	0	0	20
PL.19614	PL.40598	C	4ACSR	7.44Y	123.9	0.05	2.06	10.43	9	72	28	93	0.03	0.0	2.788	0.099	0	0	0	19
PL.9737	PL.19614	C	4ACSR	7.44Y	123.9	0.02	2.08	10.11	8	70	27	93	0.01	0.0	2.832	0.044	0	0	0	18
031322	PL.9737	C	Consumer	7.44Y	123.9	0.00	2.08	1.34	0	9	4	91	0.00	0.0	2.832	0.000	9	4	1	1
PL.9738	PL.9737	C	4ACSR	7.43Y	123.8	0.10	2.18	8.77	7	61	24	93	0.04	0.1	3.070	0.237	0	0	0	17
PL.40599	PL.9738	C	4ACSR	7.43Y	123.8	0.00	2.18	0.68	1	5	2	93	0.00	0.0	3.078	0.009	0	0	0	1
PD.7227	PL.40599	C	fuse6AMP	7.43Y	123.8	0.00	2.18	0.68	12	5	2	93	0.00	0.0	3.078	0.000	0	0	0	1
PL.40600	PD.7227	C	4ACSR	7.43Y	123.8	0.00	2.18	0.68	1	5	2	93	0.00	0.0	3.130	0.052	0	0	0	1
031328	PL.40600	C	Consumer	7.43Y	123.8	0.00	2.18	0.68	0	5	2	93	0.00	0.0	3.130	0.000	5	2	1	1
PL.9739	PL.9738	C	4ACSR	7.43Y	123.8	0.02	2.20	8.09	7	56	22	93	0.01	0.0	3.131	0.062	0	0	0	16
031307	PL.9739	C	Consumer	7.43Y	123.8	0.00	2.20	0.42	0	3	1	95	0.00	0.0	3.131	0.000	3	1	1	1
0313033	PL.9739	C	Consumer	7.43Y	123.8	0.00	2.20	0.27	0	2	1	89	0.00	0.0	3.131	0.000	2	1	1	1
PL.9740	PL.9739	C	4ACSR	7.43Y	123.8	0.02	2.21	6.45	5	45	17	94	0.01	0.0	3.186	0.054	0	0	0	12
PL.24529	PL.9740	C	4ACSR	7.43Y	123.8	0.02	2.23	5.79	5	40	16	93	0.00	0.0	3.247	0.061	0	0	0	11
031318	PL.24529	C	Consumer	7.43Y	123.8	0.00	2.23	0.76	0	5	2	93	0.00	0.0	3.247	0.000	5	2	1	1
031324	PL.24529	C	Consumer	7.43Y	123.8	0.00	2.23	0.94	0	7	3	92	0.00	0.0	3.247	0.000	7	3	1	1
PL.40611	PL.24529	C	4ACSR	7.43Y	123.8	0.01	2.24	3.05	3	21	8	93	0.00	0.0	3.316	0.070	0	0	0	7
PD.7233-A	PL.40611	C	Closed	7.43Y	123.8	0.00	2.24	3.05	0	21	8	93	0.00	0.0	3.316	0.000	0	0	0	7
PD.7233-B	PD.7233-A	C	Closed	7.43Y	123.8	0.00	2.24	3.05	0	21	8	93	0.00	0.0	3.316	0.000	0	0	0	7
PL.40612	PD.7233-B	C	4ACSR	7.43Y	123.8	0.00	2.24	3.05	3	21	8	93	0.00	0.0	3.329	0.012	0	0	0	7
PL.40607	PL.40612	C	4ACSR	7.43Y	123.8	0.00	2.24	0.14	0	1	0	100	0.00	0.0	3.333	0.005	0	0	0	1
PD.7231	PL.40607	C	fuse6AMP	7.43Y	123.8	0.00	2.24	0.14	2	1	0	100	0.00	0.0	3.333	0.000	0	0	0	1
PL.40608	PD.7231	C	4ACSR	7.43Y	123.8	0.00	2.24	0.14	0	1	0	100	0.00	0.0	3.426	0.092	0	0	0	1
031306	PL.40608	C	Consumer	7.43Y	123.8	0.00	2.24	0.14	0	1	0	100	0.00	0.0	3.426	0.000	1	0	1	1
PL.9742	PL.40612	C	4ACSR	7.43Y	123.8	0.01	2.25	2.19	2	15	6	93	0.00	0.0	3.395	0.067	0	0	0	4
031313	PL.9742	C	Consumer	7.43Y	123.8	0.00	2.25	0.89	0	6	2	95	0.00	0.0	3.395	0.000	6	2	1	1
PL.9743	PL.9742	C	4ACSR	7.42Y	123.7	0.01	2.25	1.30	1	9	4	91	0.00	0.0	3.492	0.096	0	0	0	3
PL.40613	PL.9743	C	4ACSR	7.42Y	123.7	0.00	2.25	0.00	0	0	0	100	0.00	0.0	3.496	0.004	0	0	0	0
PD.7234	PL.40613	C	fuse6AMP	7.42Y	123.7	0.00	2.25	0.00	0	0	0	100	0.00	0.0	3.496	0.000	0	0	0	0
PL.40614	PD.7234	C	4ACSR	7.42Y	123.7	0.00	2.25	0.00	0	0	0	100	0.00	0.0	3.584	0.088	0	0	0	0

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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 %	% Cap	Thru KW	% KVAR	% Loss							% Loss	
PL.9744	PL.9743	C	4ACSR	7.42Y	123.7	0.00	2.26	1.01	1	7	3	92	0.00	0.0	3.529	0.037	0	0	0	2
031327	PL.9744	C	Consumer	7.42Y	123.7	0.00	2.26	0.00	0	0	0	100	0.00	0.0	3.529	0.000	0	0	1	1
PL.27799	PL.9744	C	4ACSR	7.42Y	123.7	0.00	2.26	1.01	1	7	3	92	0.00	0.0	3.562	0.033	0	0	0	1
PL.27800	PL.27799	C	4ACSR	7.42Y	123.7	0.00	2.26	1.01	1	7	3	92	0.00	0.0	3.623	0.062	0	0	0	1
032307	PL.27800	C	Consumer	7.42Y	123.7	0.00	2.26	1.01	0	7	3	92	0.00	0.0	3.623	0.000	7	3	1	1
032306	PL.9743	C	Consumer	7.42Y	123.7	0.00	2.25	0.29	0	2	1	89	0.00	0.0	3.492	0.000	2	1	1	1
PL.40609	PL.40612	C	4ACSR	7.43Y	123.8	0.00	2.24	0.72	1	5	2	93	0.00	0.0	3.335	0.006	0	0	0	2
PD.7232	PL.40609	C	fuse6AMP	7.43Y	123.8	0.00	2.24	0.72	12	5	2	93	0.00	0.0	3.335	0.000	0	0	0	2
PL.40610	PD.7232	C	4ACSR	7.43Y	123.8	0.00	2.25	0.72	1	5	2	93	0.00	0.0	3.466	0.132	0	0	0	2
031329	PL.40610	C	Consumer	7.43Y	123.8	0.00	2.25	0.65	0	4	2	89	0.00	0.0	3.466	0.000	4	2	1	1
031331	PL.40610	C	Consumer	7.43Y	123.8	0.00	2.25	0.08	0	1	0	100	0.00	0.0	3.466	0.000	1	0	1	1
PL.40605	PL.24529	C	4ACSR	7.43Y	123.8	0.00	2.23	1.04	1	7	3	92	0.00	0.0	3.259	0.012	0	0	0	2
PD.7230	PL.40605	C	fuse6AMP	7.43Y	123.8	0.00	2.23	1.04	18	7	3	92	0.00	0.0	3.259	0.000	0	0	0	2
PL.40606	PD.7230	C	4ACSR	7.43Y	123.8	0.00	2.23	1.04	1	7	3	92	0.00	0.0	3.329	0.070	0	0	0	2
031323	PL.40606	C	Consumer	7.43Y	123.8	0.00	2.23	0.48	0	3	1	95	0.00	0.0	3.329	0.000	3	1	1	1
031321	PL.40606	C	Consumer	7.43Y	123.8	0.00	2.23	0.56	0	4	2	89	0.00	0.0	3.329	0.000	4	2	1	1
031310	PL.40606	C	Consumer	7.43Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	3.329	0.000	0	0	0	0
031308	PL.9740	C	Consumer	7.43Y	123.8	0.00	2.21	0.66	0	5	2	93	0.00	0.0	3.186	0.000	5	2	1	1
PL.40601	PL.9739	C	4ACSR	7.43Y	123.8	0.00	2.20	0.17	0	1	0	100	0.00	0.0	3.140	0.009	0	0	0	1
PD.7228	PL.40601	C	fuse6AMP	7.43Y	123.8	0.00	2.20	0.17	3	1	0	100	0.00	0.0	3.140	0.000	0	0	0	1
PL.40602	PD.7228	C	4ACSR	7.43Y	123.8	0.00	2.20	0.17	0	1	0	100	0.00	0.0	3.182	0.042	0	0	0	1
031330	PL.40602	C	Consumer	7.43Y	123.8	0.00	2.20	0.17	0	1	0	100	0.00	0.0	3.182	0.000	1	0	1	1
PL.40603	PL.9739	C	2ACSR	7.43Y	123.8	0.00	2.20	0.78	0	5	2	93	0.00	0.0	3.141	0.010	0	0	0	1
PD.7229	PL.40603	C	fuse6AMP	7.43Y	123.8	0.00	2.20	0.78	13	5	2	93	0.00	0.0	3.141	0.000	0	0	0	1
PL.40604	PD.7229	C	2ACSR	7.43Y	123.8	0.00	2.20	0.78	0	5	2	93	0.00	0.0	3.161	0.020	0	0	0	1
031312	PL.40604	C	Consumer	7.43Y	123.8	0.00	2.20	0.78	0	5	2	93	0.00	0.0	3.161	0.000	5	2	1	1
031304	PL.19614	C	Consumer	7.44Y	123.9	0.00	2.06	0.32	0	2	1	89	0.00	0.0	2.788	0.000	2	1	1	1
031314	PL.19614	C	Consumer	7.44Y	123.9	0.00	2.06	0.00	0	0	0	100	0.00	0.0	2.788	0.000	0	0	0	0
031325	PL.40598	C	Consumer	7.44Y	124.0	0.00	2.01	0.68	0	5	2	93	0.00	0.0	2.689	0.000	5	2	1	1
031319	PL.9736	C	Consumer	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	2.614	0.000	0	0	0	0
031303	PL.9736	C	Consumer	7.44Y	124.0	0.00	1.97	1.47	0	10	4	93	0.00	0.0	2.614	0.000	10	4	1	1
0313032	PL.9736	C	Consumer	7.44Y	124.0	0.00	1.97	0.89	0	6	2	95	0.00	0.0	2.614	0.000	6	2	1	1
031326	PL.9736	C	Consumer	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	2.614	0.000	0	0	0	0
031320	PL.24530	C	Consumer	7.44Y	124.1	0.00	1.92	0.70	0	5	2	93	0.00	0.0	2.528	0.000	5	2	1	1
030322	PL.43742	C	Consumer	7.45Y	124.1	0.00	1.87	0.00	0	0	0	100	0.00	0.0	2.456	0.000	0	0	0	0
030326	PL.43742	C	Consumer	7.45Y	124.1	0.00	1.87	0.00	0	0	0	100	0.00	0.0	2.456	0.000	0	0	1	1
030324	PL.43742	C	Consumer	7.45Y	124.1	0.00	1.87	0.85	0	6	2	95	0.00	0.0	2.456	0.000	6	2	1	1

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. Rows include various elements like PL.27285, 030325, 030302, 030320, PL.27286, PL.27284, PL.28168, PL.20745, PL.9724, 459319, 030301, PL.9725, 030303, PL.1715, PL.2912, 459324, PL.9723, PL.9720, PL.9721, PL.9722, PL.28110, PD.1515, PL.28111, 459301, PL.28109, PD.1516, PL.22961, 459313, PL.21395.

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, 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. Includes rows for various elements like PL.40595, PL.21398, PL.23608, PL.22603, PL.22604, PL.23607, PL.23606, PL.23605, PL.23604, 459404, PL.21826, PL.23588, 459318, PL.23587, PL.22601, PL.22602, PL.23609, 459401, 459310, 459315, 459306, PL.40908, RG.11, PD.7288-A, PD.7288-B, PL.40909, PL.41717, PD.7504.

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.41718, 459317, 459321, 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

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 CWP.WM\
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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.9476	PL.39222	A	6ACWC	7.48Y	124.6	0.12	1.40	36.92	31	256	105	93	0.52	0.1	3.787	0.071	0	0	0	77		
		B		7.48Y	124.7	0.11	1.33	41.52	35	289	115	93					0	0	0	68		
		C		7.54Y	125.7	0.02	0.30	13.87	12	96	41	92					0	0	0	19		
PL.41721	PL.9476	B	4ACSR	7.48Y	124.7	0.00	1.33	0.76	1	5	2	93	0.00	0.0	3.791	0.003	0	0	0	2		
PD.7505	PL.41721	B	fuse6AMP	7.48Y	124.7	0.00	1.33	0.76	13	5	2	93	0.00	0.0	3.791	0.000	0	0	0	2		
PL.41722	PD.7505	B	4ACSR	7.48Y	124.7	0.00	1.33	0.76	1	5	2	93	0.00	0.0	3.859	0.068	0	0	0	2		
458325	PL.41722	B	Consumer	7.48Y	124.7	0.00	1.33	0.18	0	1	0	100	0.00	0.0	3.859	0.000	1	0	1	1		
458351	PL.41722	B	Consumer	7.48Y	124.7	0.00	1.33	0.57	0	4	2	89	0.00	0.0	3.859	0.000	4	2	1	1		
458334	PL.9476	C	Consumer	7.54Y	125.7	0.00	0.30	0.42	0	3	1	95	0.00	0.0	3.787	0.000	3	1	1	1		
PL.9477	PL.9476	A	6ACWC	7.47Y	124.5	0.11	1.51	36.92	31	255	105	92	0.47	0.1	3.852	0.065	0	0	0	77		
		B		7.47Y	124.6	0.10	1.43	40.76	35	283	113	93					0	0	0	66		
		C		7.54Y	125.7	0.02	0.32	13.46	11	93	40	92					0	0	0	18		
PL.9474	PL.9477	A	6ACWC	7.47Y	124.4	0.06	1.57	36.92	31	255	105	92	0.26	0.0	3.889	0.037	0	0	0	77		
		B		7.47Y	124.5	0.06	1.48	39.94	34	277	110	93					0	0	0	62		
		C		7.54Y	125.7	0.01	0.34	13.46	11	93	40	92					0	0	0	18		
PL.41725	PL.9474	B	4ACSR	7.47Y	124.5	0.00	1.48	0.38	0	3	1	95	0.00	0.0	3.893	0.004	0	0	0	2		
PD.7507	PL.41725	B	fuse6AMP	7.47Y	124.5	0.00	1.48	0.38	6	3	1	95	0.00	0.0	3.893	0.000	0	0	0	2		
PL.41726	PD.7507	B	4ACSR	7.47Y	124.5	0.00	1.48	0.38	0	3	1	95	0.00	0.0	4.007	0.113	0	0	0	2		
458344	PL.41726	B	Consumer	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	4.007	0.000	0	0	0	0		
458326	PL.41726	B	Consumer	7.47Y	124.5	0.00	1.48	0.38	0	3	1	95	0.00	0.0	4.007	0.000	3	1	1	1		
458328	PL.41726	B	Consumer	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	4.007	0.000	0	0	1	1		
PL.9475	PL.9474	A	6ACWC	7.46Y	124.3	0.16	1.74	36.92	31	255	105	92	0.66	0.1	3.984	0.095	0	0	0	77		
		B		7.46Y	124.4	0.14	1.62	39.56	34	275	109	93					0	0	0	60		
		C		7.54Y	125.6	0.03	0.37	13.46	11	93	40	92					0	0	0	18		
458324	PL.9475	B	Consumer	7.46Y	124.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	3.984	0.000	0	0	1	1		
458315	PL.9475	A	Consumer	7.46Y	124.3	0.00	1.74	0.69	0	5	2	93	0.00	0.0	3.984	0.000	5	2	1	1		
PL.7033	PL.9475	A	6ACWC	7.45Y	124.2	0.08	1.82	13.54	11	92	41	91	0.57	0.1	4.115	0.131	0	0	0	19		
		B		7.45Y	124.2	0.23	1.85	39.56	34	274	109	93					0	0	0	59		
		C		7.54Y	125.6	0.03	0.40	13.46	11	93	40	92					0	0	0	18		
PL.41728	PL.7033	B	4ACSR	7.45Y	124.2	0.00	1.85	0.20	0	1	1	71	0.00	0.0	4.119	0.004	0	0	0	1		
PD.7508	PL.41728	B	fuse6AMP	7.45Y	124.2	0.00	1.85	0.20	3	1	1	71	0.00	0.0	4.119	0.000	0	0	0	1		
PL.41729	PD.7508	B	4ACSR	7.45Y	124.2	0.00	1.85	0.20	0	1	1	71	0.00	0.0	4.205	0.086	0	0	0	1		
458312	PL.41729	B	Consumer	7.45Y	124.2	0.00	1.85	0.20	0	1	1	71	0.00	0.0	4.205	0.000	1	1	1	1		
PL.40892	PL.7033	A	6ACWC	7.45Y	124.1	0.05	1.87	13.54	11	92	41	91	0.32	0.1	4.188	0.073	0	0	0	19		
		B		7.44Y	124.0	0.13	1.98	39.36	33	272	108	93					0	0	0	58		
		C		7.54Y	125.6	0.02	0.41	13.46	11	93	40	92					0	0	0	18		
PD.7279-A	PL.40892	A	Closed	7.45Y	124.1	0.00	1.87	13.54	0	92	41	91	0.00	0.0	4.188	0.000	0	0	0	19		
		B		7.44Y	124.0	0.00	1.98	39.36	0	272	108	93					0	0	0	58		
		C		7.54Y	125.6	0.00	0.41	13.46	0	93	40	92					0	0	0	18		
PD.7279-B	PD.7279-A	A	Closed	7.45Y	124.1	0.00	1.87	13.54	0	92	41	91	0.00	0.0	4.188	0.000	0	0	0	19		
		B		7.44Y	124.0	0.00	1.98	39.36	0	272	108	93					0	0	0	58		
		C		7.54Y	125.6	0.00	0.41	13.46	0	93	40	92					0	0	0	18		
PL.40893	PD.7279-B	A	6ACWC	7.45Y	124.1	0.01	1.88	13.54	11	92	41	91	0.06	0.0	4.202	0.014	0	0	0	19		
		B		7.44Y	124.0	0.02	2.00	39.36	33	272	108	93					0	0	0	58		
		C		7.54Y	125.6	0.00	0.42	13.46	11	93	40	92					0	0	0	18		
457314	PL.40893	A	Consumer	7.45Y	124.1	0.00	1.88	1.22	0	8	4	89	0.00	0.0	4.202	0.000	8	4	0	0		
		B		7.44Y	124.0	0.00	2.00	1.22	0	8	4	90					8	4	0	0		
		C		7.54Y	125.6	0.00	0.42	1.21	0	8	4	90					8	4	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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 elements 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
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.9747, PL.16885, PL.16886, PL.16889, PD.1058, PL.16890, 456357, PL.9748, PL.16887, PD.1060, PL.16888, PL.23517, 456256, PL.23017, 456251, PL.9749, PL.9750, 456220, 456225, 456209, PL.9751, PL.9752, PL.13605, PL.41762, PD.7511, PL.41765, PL.41766, 456206, PL.22533, PL.22331, 456244, PL.41764, 456217, 456247.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.47Y	124.4	0.01	1.56	1.65	1	11	4	94	0.00	0.0	6.233	0.158	0	0	0	2
		C		7.57Y	126.2	0.01	-0.15	1.34	1	9	4	93					0	0	0	3
PL.40282	PL.13606	C	4ACSR	7.57Y	126.2	0.00	-0.15	0.70	1	5	2	93	0.00	0.0	6.236	0.003	0	0	0	1
PD.7134	PL.40282	C	fuse6AMP	7.57Y	126.2	0.00	-0.15	0.70	12	5	2	93	0.00	0.0	6.236	0.000	0	0	0	1
PL.40283	PD.7134	C	4ACSR	7.57Y	126.2	0.00	-0.15	0.70	1	5	2	93	0.00	0.0	6.333	0.097	0	0	0	1
456216	PL.40283	C	Consumer	7.57Y	126.2	0.00	-0.15	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	-0.15	0.70	0	5	2	93	0.00	0.0	6.333	0.000	5	2	1	1
PL.13607	PL.13606	B	4ACSR	7.47Y	124.4	0.01	1.57	1.65	1	11	4	94	0.00	0.0	6.419	0.186	0	0	0	2
		C		7.57Y	126.2	0.00	-0.15	0.64	1	5	2	93					0	0	0	2
PL.41767	PL.13607	B	4ACSR	7.47Y	124.4	0.00	1.57	1.03	1	7	3	92	0.00	0.0	6.423	0.004	0	0	0	1
PD.7512	PL.41767	B	fuse6AMP	7.47Y	124.4	0.00	1.57	1.03	18	7	3	92	0.00	0.0	6.423	0.000	0	0	0	1
PL.41768	PD.7512	B	4ACSR	7.47Y	124.4	0.00	1.57	1.03	1	7	3	92	0.00	0.0	6.488	0.065	0	0	0	1
456231	PL.41768	B	Consumer	7.47Y	124.4	0.00	1.57	1.03	0	7	3	92	0.00	0.0	6.488	0.000	7	3	1	1
PL.21236	PL.13607	B	4ACSR	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	6.460	0.041	0	0	0	0
		C		7.57Y	126.1	0.00	-0.15	0.64	1	5	2	93					0	0	0	2
456223	PL.21236	C	Consumer	7.57Y	126.1	0.00	-0.15	0.00	0	0	0	100	0.00	0.0	6.460	0.000	0	0	0	0
PL.22595	PL.21236	B	4ACSR	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	6.501	0.041	0	0	0	0
		C		7.57Y	126.1	0.00	-0.15	0.64	1	5	2	93					0	0	0	2
456232	PL.22595	C	Consumer	7.57Y	126.1	0.00	-0.15	0.60	0	4	2	89	0.00	0.0	6.501	0.000	4	2	1	1
456240	PL.22595	C	Consumer	7.57Y	126.1	0.00	-0.15	0.04	0	0	0	100	0.00	0.0	6.501	0.000	0	0	1	1
PL.40889	PL.22595	B	4ACSR	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	6.548	0.047	0	0	0	0
		C		7.57Y	126.1	0.00	-0.15	0.00	0	0	0	100					0	0	0	0
PD.7276-B	PL.40889	B	Open	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	6.548	0.000	0	0	0	0
		C		7.57Y	126.1	0.00	-0.15	0.00	0	0	0	100					0	0	0	0
456230	PL.13607	B	Consumer	7.47Y	124.4	0.00	1.57	0.62	0	4	2	89	0.00	0.0	6.419	0.000	4	2	1	1
456203	PL.13607	B	Consumer	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	6.419	0.000	0	0	0	0
PL.7018	PL.9751	C	4ACSR	7.57Y	126.2	0.00	-0.16	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	-0.16	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	-0.16	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	-0.16	0.00	0	0	0	100	0.00	0.0	6.076	0.054	0	0	0	0
PL.13603	PL.9751	B	4ACSR	7.47Y	124.5	0.01	1.52	25.65	22	178	70	93	0.01	0.0	5.962	0.008	0	0	0	44
PD.3525	PL.13603	B	50L	7.47Y	124.5	0.00	1.52	25.65	51	178	70	93	0.00	0.0	5.962	0.000	0	0	0	44
PL.13604	PD.3525	B	4ACSR	7.47Y	124.4	0.04	1.56	25.65	22	178	70	93	0.05	0.0	5.994	0.032	0	0	0	44
PL.41040	PL.13604	B	4ACSR	7.47Y	124.4	0.00	1.56	0.45	0	3	1	95	0.00	0.0	5.998	0.004	0	0	0	1
PD.7334	PL.41040	B	fuse6AMP	7.47Y	124.4	0.00	1.56	0.45	8	3	1	95	0.00	0.0	5.998	0.000	0	0	0	1
PL.41041	PD.7334	B	4ACSR	7.47Y	124.4	0.00	1.56	0.45	0	3	1	95	0.00	0.0	6.032	0.034	0	0	0	1
456239	PL.41041	B	Consumer	7.47Y	124.4	0.00	1.56	0.45	0	3	1	95	0.00	0.0	6.032	0.000	3	1	1	1
PL.9753	PL.13604	B	4ACSR	7.46Y	124.3	0.11	1.67	25.20	21	175	68	93	0.15	0.1	6.090	0.096	0	0	0	43
PL.9754	PL.9753	B	4ACSR	7.46Y	124.3	0.05	1.72	23.13	19	161	63	93	0.06	0.0	6.139	0.049	0	0	0	40
PL.41042	PL.9754	B	4ACSR	7.46Y	124.3	0.00	1.72	1.32	1	9	4	91	0.00	0.0	6.143	0.004	0	0	0	1
PD.7335	PL.41042	B	fuse6AMP	7.46Y	124.3	0.00	1.72	1.32	22	9	4	91	0.00	0.0	6.143	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.41043	PD.7335	B	4ACSR	7.46Y	124.3	0.00	1.73	1.32	1	9	4	91	0.00	0.0	6.213	0.070	0	0	0	1
4562065	PL.41043	B	Consumer	7.46Y	124.3	0.00	1.73	0.00	0	0	0	100	0.00	0.0	6.213	0.000	0	0	0	0
456254	PL.41043	B	Consumer	7.46Y	124.3	0.00	1.73	1.32	0	9	4	91	0.00	0.0	6.213	0.000	9	4	1	1
PL.9755	PL.9754	B	4ACSR	7.46Y	124.3	0.03	1.75	21.81	18	152	59	93	0.03	0.0	6.165	0.026	0	0	0	39
PL.9756	PL.9755	B	4ACSR	7.45Y	124.2	0.09	1.84	19.18	16	133	52	93	0.09	0.1	6.273	0.108	0	0	0	36
PL.9757	PL.9756	B	4ACSR	7.45Y	124.1	0.05	1.90	16.91	14	117	46	93	0.05	0.0	6.341	0.068	0	0	0	33
456201	PL.9757	B	Consumer	7.45Y	124.1	0.00	1.90	0.28	0	2	1	89	0.00	0.0	6.341	0.000	2	1	1	1
PL.9758	PL.9757	B	4ACSR	7.44Y	124.1	0.04	1.93	16.63	14	115	45	93	0.03	0.0	6.391	0.050	0	0	0	32
457202	PL.9758	B	Consumer	7.44Y	124.1	0.00	1.93	0.34	0	2	1	89	0.00	0.0	6.391	0.000	2	1	1	1
PL.9759	PL.9758	B	4ACSR	7.44Y	124.0	0.03	1.96	16.29	14	113	44	93	0.02	0.0	6.428	0.037	0	0	0	31
PL.9760	PL.9759	B	4ACSR	7.44Y	124.0	0.00	1.97	16.29	14	113	44	93	0.00	0.0	6.432	0.004	0	0	0	31
PL.9761	PL.9760	B	4ACSR	7.44Y	124.0	0.01	1.97	16.29	14	113	44	93	0.01	0.0	6.442	0.010	0	0	0	31
PL.41047	PL.9761	B	4ACSR	7.44Y	124.0	0.00	1.97	0.79	1	6	2	95	0.00	0.0	6.449	0.007	0	0	0	1
PD.7337	PL.41047	B	fuse6AMP	7.44Y	124.0	0.00	1.97	0.79	13	6	2	95	0.00	0.0	6.449	0.000	0	0	0	1
PL.45984	PD.7337	B	4ACSR	7.44Y	124.0	0.01	1.98	0.79	1	6	2	95	0.00	0.0	6.595	0.146	0	0	0	1
PL.45985	PL.45984	B	4ACSR	7.44Y	124.0	0.00	1.98	0.80	1	6	2	95	0.00	0.0	6.690	0.095	0	0	0	1
PL.23597	PL.45985	B	4ACSR	7.44Y	124.0	0.00	1.98	0.80	1	6	2	95	0.00	0.0	6.737	0.047	0	0	0	1
PL.23596	PL.23597	B	4ACSR	7.44Y	124.0	0.00	1.99	0.80	1	6	2	95	0.00	0.0	6.788	0.051	0	0	0	1
457205	PL.23596	B	Consumer	7.44Y	124.0	0.00	1.99	0.80	0	6	2	95	0.00	0.0	6.788	0.000	6	2	1	1
P PL.45983	PL.45984	B	1/0EPRJCN	7.44Y	124.0	-0.00	1.98	-0.02	0	0	0	100	0.00	0.0	6.635	0.040	0	0	0	0 P
4572029	PL.45983	B	Consumer	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	6.635	0.000	0	0	0	0
PL.9762	PL.9761	B	4ACSR	7.44Y	124.0	0.04	2.01	14.46	12	100	39	93	0.03	0.0	6.497	0.055	0	0	0	28
457217	PL.9762	B	Consumer	7.44Y	124.0	0.00	2.01	0.78	0	5	2	93	0.00	0.0	6.497	0.000	5	2	1	1
456215	PL.9762	B	Consumer	7.44Y	124.0	0.00	2.01	0.90	0	6	2	95	0.00	0.0	6.497	0.000	6	2	1	1
PL.41055	PL.9762	B	4ACSR	7.44Y	124.0	0.00	2.01	0.69	1	5	2	93	0.00	0.0	6.505	0.008	0	0	0	1
PD.7341	PL.41055	B	fuse6AMP	7.44Y	124.0	0.00	2.01	0.69	12	5	2	93	0.00	0.0	6.505	0.000	0	0	0	1
PL.41056	PD.7341	B	4ACSR	7.44Y	124.0	0.00	2.01	0.69	1	5	2	93	0.00	0.0	6.593	0.088	0	0	0	1
457218	PL.41056	B	Consumer	7.44Y	124.0	0.00	2.01	0.69	0	5	2	93	0.00	0.0	6.593	0.000	5	2	1	1
PL.7038	PL.9762	B	4ACSR	7.44Y	123.9	0.07	2.08	12.08	10	84	33	93	0.04	0.0	6.616	0.119	0	0	0	25
457208	PL.7038	B	Consumer	7.44Y	123.9	0.00	2.08	0.54	0	4	1	97	0.00	0.0	6.616	0.000	4	1	1	1
457223	PL.7038	B	Consumer	7.44Y	123.9	0.00	2.08	0.97	0	7	3	92	0.00	0.0	6.616	0.000	7	3	1	1
PL.9763	PL.7038	B	4ACSR	7.43Y	123.9	0.04	2.11	10.58	9	73	29	93	0.02	0.0	6.695	0.078	0	0	0	23
PL.9764	PL.9763	B	4ACSR	7.43Y	123.9	0.02	2.13	7.69	6	53	21	93	0.01	0.0	6.744	0.049	0	0	0	20
457221	PL.9764	B	Consumer	7.43Y	123.9	0.00	2.13	0.11	0	1	0	100	0.00	0.0	6.744	0.000	1	0	1	1
PL.41061	PL.9764	B	4ACSR	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	6.751	0.007	0	0	0	0
PD.7344	PL.41061	B	fuse6AMP	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	6.751	0.000	0	0	0	0
PL.9649	PL.9764	B	4ACSR	7.43Y	123.9	0.01	2.14	7.58	6	52	21	93	0.00	0.0	6.777	0.033	0	0	0	19
PL.41063	PL.9649	B	4ACSR	7.43Y	123.9	0.00	2.14	0.82	1	6	2	95	0.00	0.0	6.786	0.009	0	0	0	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PD.7345	PL.41063	B	fuse6AMP	7.43Y	123.9	0.00	2.14	0.82	14	6	2	95	0.00	0.0	6.786	0.000	0	0	0	1
PL.41064	PD.7345	B	4ACSR	7.43Y	123.9	0.00	2.14	0.82	1	6	2	95	0.00	0.0	6.839	0.053	0	0	0	1
457222	PL.41064	B	Consumer	7.43Y	123.9	0.00	2.14	0.82	0	6	2	95	0.00	0.0	6.839	0.000	6	2	1	1
457209	PL.9649	B	Consumer	7.43Y	123.9	0.00	2.14	0.06	0	0	0	100	0.00	0.0	6.777	0.000	0	0	1	1
457213	PL.9649	B	Consumer	7.43Y	123.9	0.00	2.14	0.51	0	4	1	97	0.00	0.0	6.777	0.000	4	1	1	1
PL.9650	PL.9649	B	4ACSR	7.43Y	123.8	0.02	2.16	6.19	5	43	17	93	0.01	0.0	6.842	0.065	0	0	0	16
PL.19419	PL.9650	B	4ACSR	7.43Y	123.8	0.01	2.17	6.07	5	42	16	93	0.00	0.0	6.864	0.022	0	0	0	15
4572026	PL.19419	B	Consumer	7.43Y	123.8	0.00	2.17	0.60	0	4	2	89	0.00	0.0	6.864	0.000	4	2	1	1
457204	PL.19419	B	Consumer	7.43Y	123.8	0.00	2.17	0.09	0	1	0	100	0.00	0.0	6.864	0.000	1	0	1	1
457219	PL.19419	B	Consumer	7.43Y	123.8	0.00	2.17	0.35	0	2	1	89	0.00	0.0	6.864	0.000	2	1	1	1
PL.45427	PL.19419	B	2ACSR	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	6.905	0.041	0	0	0	0
4572028	PL.45427	B	Consumer	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	6.905	0.000	0	0	0	0
PL.19420	PL.19419	B	4ACSR	7.43Y	123.8	0.01	2.18	5.03	4	35	14	93	0.00	0.0	6.919	0.055	0	0	0	12
PL.19241	PL.19420	B	4ACSR	7.43Y	123.8	0.00	2.18	4.85	4	34	13	93	0.00	0.0	6.938	0.019	0	0	0	11
PL.9652	PL.19241	B	4ACSR	7.43Y	123.8	0.00	2.19	4.78	4	33	13	93	0.00	0.0	6.948	0.010	0	0	0	10
PD.7346-A	PL.9652	B	Closed	7.43Y	123.8	0.00	2.19	4.78	0	33	13	93	0.00	0.0	6.948	0.000	0	0	0	10
PD.7346-B	PD.7346-A	B	Closed	7.43Y	123.8	0.00	2.19	4.78	0	33	13	93	0.00	0.0	6.948	0.000	0	0	0	10
PL.9651	PD.7346-B	B	4ACSR	7.43Y	123.8	0.01	2.19	4.78	4	33	13	93	0.00	0.0	6.977	0.030	0	0	0	10
PL.41067	PL.9651	B	4ACSR	7.43Y	123.8	0.00	2.19	1.98	2	14	5	94	0.00	0.0	6.984	0.007	0	0	0	3
PD.7348	PL.41067	B	fuse6AMP	7.43Y	123.8	0.00	2.19	1.98	34	14	5	94	0.00	0.0	6.984	0.000	0	0	0	3
PL.41068	PD.7348	B	4ACSR	7.43Y	123.8	0.01	2.20	1.98	2	14	5	94	0.00	0.0	7.074	0.090	0	0	0	3
PL.28571	PL.41068	B	4ACSR	7.43Y	123.8	0.01	2.21	1.98	2	14	5	94	0.00	0.0	7.130	0.056	0	0	0	3
PL.28573	PL.28571	B	4ACSR	7.43Y	123.8	0.00	2.21	1.98	2	14	5	94	0.00	0.0	7.154	0.025	0	0	0	3
PL.22189	PL.28573	B	4ACSR	7.43Y	123.8	0.00	2.21	1.98	2	14	5	94	0.00	0.0	7.183	0.029	0	0	0	3
PL.6549	PL.22189	B	4ACSR	7.43Y	123.8	0.01	2.22	1.14	1	8	3	94	0.00	0.0	7.446	0.263	0	0	0	2
PL.6550	PL.6549	B	4ACSR	7.43Y	123.8	0.00	2.23	1.03	1	7	3	92	0.00	0.0	7.525	0.079	0	0	0	1
446913	PL.6550	B	Consumer	7.43Y	123.8	0.00	2.23	1.03	0	7	3	92	0.00	0.0	7.525	0.000	7	3	1	1
446914	PL.6549	B	Consumer	7.43Y	123.8	0.00	2.22	0.11	0	1	0	100	0.00	0.0	7.446	0.000	1	0	1	1
PL.9654	PL.22189	B	4ACSR	7.43Y	123.8	0.00	2.21	0.84	1	6	2	95	0.00	0.0	7.236	0.053	0	0	0	1
446910	PL.9654	B	Consumer	7.43Y	123.8	0.00	2.21	0.84	0	6	2	95	0.00	0.0	7.236	0.000	6	2	1	1
PL.41065	PL.9651	B	4ACSR	7.43Y	123.8	0.00	2.19	1.22	1	8	3	94	0.00	0.0	6.984	0.007	0	0	0	1
PD.7347	PL.41065	B	fuse6AMP	7.43Y	123.8	0.00	2.19	1.22	21	8	3	94	0.00	0.0	6.984	0.000	0	0	0	1
PL.41066	PD.7347	B	4ACSR	7.43Y	123.8	0.00	2.20	1.22	1	8	3	94	0.00	0.0	7.046	0.062	0	0	0	1
447916	PL.41066	B	Consumer	7.43Y	123.8	0.00	2.20	1.22	0	8	3	94	0.00	0.0	7.046	0.000	8	3	1	1
PL.22188	PL.9651	B	4ACSR	7.43Y	123.8	0.00	2.19	1.59	1	11	4	94	0.00	0.0	7.009	0.031	0	0	0	6
PL.21829	PL.22188	B	4ACSR	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	7.029	0.021	0	0	0	0
PL.41069	PL.21829	B	4ACSR	7.43Y	123.8	0.00	2.19	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	7.43Y	123.8	0.00	2.19	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\SUMMER\PROPOSED SUMMER 06-10 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.29628	PL.22188	B	4ACSR	7.43Y	123.8	0.00	2.20	1.59	1	11	4	94	0.00	0.0	7.024	0.016	0	0	0	6
PD.7349	PL.29628	B	fuse6AMP	7.43Y	123.8	0.00	2.20	1.59	27	11	4	94	0.00	0.0	7.024	0.000	0	0	0	6
PL.21444	PD.7349	B	4ACSR	7.43Y	123.8	0.00	2.20	1.59	1	11	4	94	0.00	0.0	7.070	0.046	0	0	0	6
447904	PL.21444	B	Consumer	7.43Y	123.8	0.00	2.20	0.04	0	0	0	100	0.00	0.0	7.070	0.000	0	0	1	1
PL.21445	PL.21444	B	4ACSR	7.43Y	123.8	0.02	2.22	1.55	1	11	4	94	0.00	0.0	7.352	0.282	0	0	0	5
PL.23321	PL.21445	B	4ACSR	7.43Y	123.8	0.00	2.22	0.82	1	6	2	95	0.00	0.0	7.429	0.077	0	0	0	3
PL.22535	PL.23321	B	4ACSR	7.43Y	123.8	0.00	2.22	0.82	1	6	2	95	0.00	0.0	7.485	0.056	0	0	0	3
PL.24025	PL.22535	B	4ACSR	7.43Y	123.8	0.02	2.24	0.82	1	6	2	95	0.00	0.0	7.904	0.419	0	0	0	3
PL.24026	PL.24025	B	4ACSR	7.43Y	123.8	0.00	2.24	0.82	1	6	2	95	0.00	0.0	8.033	0.129	0	0	0	3
PL.32989	PL.24026	B	1/0EPRJCN	7.43Y	123.8	0.00	2.25	0.51	0	4	1	97	0.00	0.0	8.073	0.040	0	0	0	2
4469017	PL.32989	B	Consumer	7.43Y	123.8	0.00	2.25	0.36	0	2	1	89	0.00	0.0	8.073	0.000	2	1	1	1
4469015	PL.32989	B	Consumer	7.43Y	123.8	0.00	2.25	0.16	0	1	0	100	0.00	0.0	8.073	0.000	1	0	1	1
446905	PL.24026	B	Consumer	7.43Y	123.8	0.00	2.24	0.31	0	2	1	89	0.00	0.0	8.033	0.000	2	1	1	1
447910	PL.21445	B	Consumer	7.43Y	123.8	0.00	2.22	0.69	0	5	2	93	0.00	0.0	7.352	0.000	5	2	1	1
447914	PL.21445	B	Consumer	7.43Y	123.8	0.00	2.22	0.03	0	0	0	100	0.00	0.0	7.352	0.000	0	0	1	1
PL.28574	PL.21444	B	4ACSR	7.43Y	123.8	0.00	2.20	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	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	6.952	0.005	0	0	0	0
457220	PL.19241	B	Consumer	7.43Y	123.8	0.00	2.18	0.07	0	0	0	100	0.00	0.0	6.938	0.000	0	0	1	1
457210	PL.19420	B	Consumer	7.43Y	123.8	0.00	2.18	0.18	0	1	0	100	0.00	0.0	6.919	0.000	1	0	1	1
457216	PL.9650	B	Consumer	7.43Y	123.8	0.00	2.16	0.12	0	1	0	100	0.00	0.0	6.842	0.000	1	0	1	1
457201	PL.9763	B	Consumer	7.43Y	123.9	0.00	2.11	1.00	0	7	3	92	0.00	0.0	6.695	0.000	7	3	1	1
PL.41057	PL.9763	B	4ACSR	7.43Y	123.9	0.00	2.11	1.89	2	13	5	93	0.00	0.0	6.702	0.007	0	0	0	2
PD.7342	PL.41057	B	fuse6AMP	7.43Y	123.9	0.00	2.11	1.89	32	13	5	93	0.00	0.0	6.702	0.000	0	0	0	2
PL.41058	PD.7342	B	4ACSR	7.43Y	123.9	0.00	2.12	1.89	2	13	5	93	0.00	0.0	6.741	0.039	0	0	0	2
457206	PL.41058	B	Consumer	7.43Y	123.9	0.00	2.12	1.22	0	8	3	94	0.00	0.0	6.741	0.000	8	3	1	1
PL.23603	PL.41058	B	4ACSR	7.43Y	123.9	0.00	2.12	0.67	1	5	2	93	0.00	0.0	6.786	0.045	0	0	0	1
457224	PL.23603	B	Consumer	7.43Y	123.9	0.00	2.12	0.67	0	5	2	93	0.00	0.0	6.786	0.000	5	2	1	1
PL.41053	PL.9761	B	4ACSR	7.44Y	124.0	0.00	1.97	1.05	1	7	3	92	0.00	0.0	6.445	0.003	0	0	0	2
PD.7340	PL.41053	B	fuse6AMP	7.44Y	124.0	0.00	1.97	1.05	18	7	3	92	0.00	0.0	6.445	0.000	0	0	0	2
PL.41054	PD.7340	B	4ACSR	7.44Y	124.0	0.00	1.97	1.05	1	7	3	92	0.00	0.0	6.450	0.005	0	0	0	2
PL.41050	PL.41054	B	4ACSR	7.44Y	124.0	0.00	1.98	1.05	1	7	3	92	0.00	0.0	6.499	0.049	0	0	0	2
456226	PL.41050	B	Consumer	7.44Y	124.0	0.00	1.98	0.99	0	7	3	92	0.00	0.0	6.499	0.000	7	3	1	1
456259	PL.41050	B	Consumer	7.44Y	124.0	0.00	1.98	0.06	0	0	0	100	0.00	0.0	6.499	0.000	0	0	1	1
PL.41044	PL.9756	B	4ACSR	7.45Y	124.2	0.00	1.84	0.90	1	6	2	95	0.00	0.0	6.279	0.006	0	0	0	2
PD.7336	PL.41044	B	fuse6AMP	7.45Y	124.2	0.00	1.84	0.90	15	6	2	95	0.00	0.0	6.279	0.000	0	0	0	2
PL.41045	PD.7336	B	4ACSR	7.45Y	124.1	0.01	1.85	0.90	1	6	2	95	0.00	0.0	6.439	0.160	0	0	0	2
456229	PL.41045	B	Consumer	7.45Y	124.1	0.00	1.85	0.67	0	5	2	93	0.00	0.0	6.439	0.000	5	2	1	1
4562062	PL.41045	B	Consumer	7.45Y	124.1	0.00	1.85	0.23	0	2	1	89	0.00	0.0	6.439	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

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

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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-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
456202	PL.9756	B	Consumer	7.45Y	124.2	0.00	1.84	1.37	0	10	4	93	0.00	0.0	6.273	0.000	10	4	1	1
4562066	PL.9755	B	Consumer	7.46Y	124.3	0.00	1.75	0.00	0	0	0	100	0.00	0.0	6.165	0.000	0	0	0	0
456250	PL.9755	B	Consumer	7.46Y	124.3	0.00	1.75	1.14	0	8	3	94	0.00	0.0	6.165	0.000	8	3	1	1
456255	PL.9755	B	Consumer	7.46Y	124.3	0.00	1.75	0.48	0	3	1	95	0.00	0.0	6.165	0.000	3	1	1	1
456252	PL.9755	B	Consumer	7.46Y	124.3	0.00	1.75	1.01	0	7	3	92	0.00	0.0	6.165	0.000	7	3	1	1
456260	PL.9753	B	Consumer	7.46Y	124.3	0.00	1.67	1.32	0	9	4	91	0.00	0.0	6.090	0.000	9	4	1	1
456235	PL.9753	B	Consumer	7.46Y	124.3	0.00	1.67	0.00	0	0	0	100	0.00	0.0	6.090	0.000	0	0	1	1
4562063	PL.9753	B	Consumer	7.46Y	124.3	0.00	1.67	0.76	0	5	2	93	0.00	0.0	6.090	0.000	5	2	1	1
PL.45819	PL.9753	B	4ACSR	7.46Y	124.3	0.00	1.67	0.00	0	0	0	100	0.00	0.0	6.153	0.063	0	0	0	0
4562064	PL.45819	B	Consumer	7.46Y	124.3	0.00	1.67	0.00	0	0	0	100	0.00	0.0	6.153	0.000	0	0	0	0
PL.21465	PL.9749	C	4ACSR	7.57Y	126.1	0.00	-0.12	0.33	0	2	1	89	0.00	0.0	5.758	0.015	0	0	0	1
PD.1057	PL.21465	C	fuse6AMP	7.57Y	126.1	0.00	-0.12	0.33	6	2	1	89	0.00	0.0	5.758	0.000	0	0	0	1
PL.21466	PD.1057	C	4ACSR	7.57Y	126.1	0.00	-0.11	0.33	0	2	1	89	0.00	0.0	5.841	0.083	0	0	0	1
456211	PL.21466	C	Consumer	7.57Y	126.1	0.00	-0.11	0.33	0	2	1	89	0.00	0.0	5.841	0.000	2	1	1	1
PL.28543	PL.9749	B	4ACSR	7.49Y	124.8	0.00	1.21	1.36	1	9	4	91	0.00	0.0	5.763	0.020	0	0	0	2
PD.1059	PL.28543	B	fuse6AMP	7.49Y	124.8	0.00	1.21	1.36	23	9	4	91	0.00	0.0	5.763	0.000	0	0	0	2
PL.28544	PD.1059	B	4ACSR	7.49Y	124.8	0.00	1.22	1.36	1	9	4	91	0.00	0.0	5.830	0.066	0	0	0	2
456249	PL.28544	B	Consumer	7.49Y	124.8	0.00	1.22	1.17	0	8	3	94	0.00	0.0	5.830	0.000	8	3	1	1
456257	PL.28544	B	Consumer	7.49Y	124.8	0.00	1.22	0.19	0	1	1	71	0.00	0.0	5.830	0.000	1	1	1	1
PL.21604	PL.16885	C	4ACSR	7.57Y	126.1	0.00	-0.09	1.54	1	11	4	94	0.00	0.0	5.631	0.010	0	0	0	1
PD.1064	PL.21604	C	fuse6AMP	7.57Y	126.1	0.00	-0.09	1.54	26	11	4	94	0.00	0.0	5.631	0.000	0	0	0	1
PL.21605	PD.1064	C	4ACSR	7.57Y	126.1	0.00	-0.09	1.54	1	11	4	94	0.00	0.0	5.652	0.021	0	0	0	1
456362	PL.21605	C	Consumer	7.57Y	126.1	0.00	-0.09	1.54	0	11	4	94	0.00	0.0	5.652	0.000	11	4	1	1
457302	PL.7037	B	Consumer	7.55Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	5.120	0.000	0	0	0	0
457303	PL.7037	C	Consumer	7.56Y	126.0	0.00	-0.01	1.92	0	14	5	94	0.00	0.0	5.120	0.000	14	5	1	1
PL.20617	OH48	A	6ACWC	7.56Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	5.095	0.013	0	0	0	0
		B	6ACWC	7.55Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
		C	6ACWC	7.56Y	126.0	0.00	-0.00	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
PL.27917	PL.20617	A	6ACWC	7.56Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	5.107	0.012	0	0	0	0
		B	6ACWC	7.55Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
		C	6ACWC	7.56Y	126.0	0.00	-0.00	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
PD.411-A	PL.27917	A	Closed	7.56Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	5.107	0.000	0	0	0	0
		B	Closed	7.55Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
		C	Closed	7.56Y	126.0	0.00	-0.00	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
PD.411-B	PD.411-A	A	Closed	7.56Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	5.107	0.000	0	0	0	0
		B	Closed	7.55Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
		C	Closed	7.56Y	126.0	0.00	-0.00	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
PL.40890	PD.411-B	A	6ACWC	7.56Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	5.144	0.037	0	0	0	0
		B	6ACWC	7.55Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
		C	6ACWC	7.56Y	126.0	0.00	-0.00	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
PL.41730	PL.9471	C	4ACSR	7.53Y	125.6	0.00	0.44	1.15	1	8	3	94	0.00	0.0	4.383	0.005	0	0	0	4
PD.7509	PL.41730	C	fuse6AMP	7.53Y	125.6	0.00	0.44	1.15	20	8	3	94	0.00	0.0	4.383	0.000	0	0	0	4
PL.41731	PD.7509	C	4ACSR	7.53Y	125.6	0.01	0.44	1.15	1	8	3	94	0.00	0.0	4.488	0.105	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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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							
457335	PL.36569	A	Consumer	7.42Y	123.6	0.00	2.38	0.43	0	3	1	95	0.00	0.0	5.417	0.000	3	1	1	1
PL.29177	PL.29028	A	4ACSR	7.42Y	123.6	0.00	2.38	3.27	3	22	11	89	0.00	0.0	5.340	0.022	0	0	0	1
457342	PL.29177	A	Consumer	7.42Y	123.6	0.00	2.38	3.27	0	22	11	89	0.00	0.0	5.340	0.000	22	11	1	1
457341	PL.29009	A	Consumer	7.42Y	123.6	0.00	2.37	0.01	0	0	0	100	0.00	0.0	5.305	0.000	0	0	1	1
457332	PL.29198	A	Consumer	7.42Y	123.6	0.00	2.36	3.00	0	20	10	89	0.00	0.0	5.249	0.000	20	10	1	1
PL.45299	PL.29027	A	2ACSR	7.42Y	123.6	0.00	2.35	0.00	0	0	0	100	0.00	0.0	5.273	0.057	0	0	0	0
4573049	PL.45299	A	Consumer	7.42Y	123.6	0.00	2.35	0.00	0	0	0	100	0.00	0.0	5.273	0.000	0	0	0	0
457338	PL.29027	A	Consumer	7.42Y	123.6	0.00	2.35	0.18	0	1	0	100	0.00	0.0	5.216	0.000	1	0	1	1
457330	PL.40895	A	Consumer	7.42Y	123.7	0.00	2.30	0.81	0	6	2	95	0.00	0.0	5.061	0.000	6	2	1	1
PL.29174	PL.40895	A	4ACSR	7.42Y	123.7	0.00	2.30	0.46	0	3	1	95	0.00	0.0	5.101	0.039	0	0	0	1
457331	PL.29174	A	Consumer	7.42Y	123.7	0.00	2.30	0.46	0	3	1	95	0.00	0.0	5.101	0.000	3	1	1	1
PL.29007	PL.29006	A	4ACSR	7.42Y	123.7	0.00	2.26	0.04	0	0	0	100	0.00	0.0	5.013	0.060	0	0	0	1
457333	PL.29007	A	Consumer	7.42Y	123.7	0.00	2.26	0.04	0	0	0	100	0.00	0.0	5.013	0.000	0	0	1	1
PL.29175	PL.29007	A	4ACSR	7.42Y	123.7	0.00	2.26	0.00	0	0	0	100	0.00	0.0	5.079	0.067	0	0	0	0
457337	PL.29175	A	Consumer	7.42Y	123.7	0.00	2.26	0.00	0	0	0	100	0.00	0.0	5.079	0.000	0	0	0	0
457326	PL.29006	A	Consumer	7.42Y	123.7	0.00	2.26	0.85	0	6	2	95	0.00	0.0	4.953	0.000	6	2	1	1
457327	PL.29006	A	Consumer	7.42Y	123.7	0.00	2.26	0.27	0	2	1	89	0.00	0.0	4.953	0.000	2	1	1	1
457324	PL.29006	A	Consumer	7.42Y	123.7	0.00	2.26	0.56	0	4	1	97	0.00	0.0	4.953	0.000	4	1	1	1
4573048	PL.45134	A	Consumer	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	4.800	0.000	0	0	0	0
457329	PL.6794	A	Consumer	7.44Y	124.0	0.00	2.02	0.41	0	3	1	95	0.00	0.0	4.452	0.000	3	1	1	1
457328	PL.43911	A	Consumer	7.44Y	124.0	0.00	1.97	0.49	0	3	1	95	0.00	0.0	4.363	0.000	3	1	1	1
PL.22110	PL.9475	A	4ACSR	7.45Y	124.2	0.05	1.79	22.70	19	158	62	93	0.06	0.0	4.032	0.048	0	0	0	57
PD.3518	PL.22110	A	50L	7.45Y	124.2	0.00	1.79	22.70	45	158	62	93	0.00	0.0	4.032	0.000	0	0	0	57
PL.22111	PD.3518	A	4ACSR	7.45Y	124.2	0.03	1.82	22.70	19	158	62	93	0.04	0.0	4.061	0.029	0	0	0	57
PL.7042	PL.22111	A	4ACSR	7.45Y	124.1	0.06	1.88	22.70	19	157	62	93	0.07	0.0	4.117	0.056	0	0	0	57
458311	PL.7042	A	Consumer	7.45Y	124.1	0.00	1.88	0.15	0	1	0	100	0.00	0.0	4.117	0.000	1	0	1	1
PL.7039	PL.7042	A	4ACSR	7.44Y	124.1	0.07	1.95	22.55	19	156	61	93	0.08	0.1	4.185	0.068	0	0	0	56
PL.7030	PL.7039	A	4ACSR	7.42Y	123.7	0.38	2.33	22.55	19	156	61	93	0.45	0.3	4.557	0.372	0	0	0	56
PL.40904	PL.7030	A	4ACSR	7.41Y	123.6	0.09	2.42	22.39	19	155	60	93	0.10	0.1	4.644	0.087	0	0	0	54
C PD.7286	PL.40904	A	25L	7.41Y	123.6	0.00	2.42	22.39	90	155	60	93	0.00	0.0	4.644	0.000	0	0	0	54 C
PL.40905	PD.7286	A	4ACSR	7.41Y	123.6	0.01	2.43	22.39	19	155	60	93	0.01	0.0	4.650	0.006	0	0	0	54
PL.23594	PL.40905	A	4ACSR	7.41Y	123.6	0.01	2.44	0.78	1	5	2	93	0.00	0.0	4.895	0.245	0	0	0	3
PL.23595	PL.23594	A	4ACSR	7.41Y	123.6	0.00	2.44	0.78	1	5	2	93	0.00	0.0	4.968	0.072	0	0	0	3
PL.33213	PL.23595	A	4ACSR	7.41Y	123.6	0.00	2.44	0.78	1	5	2	93	0.00	0.0	5.024	0.057	0	0	0	2
4583060	PL.33213	A	Consumer	7.41Y	123.6	0.00	2.44	0.32	0	2	1	89	0.00	0.0	5.024	0.000	2	1	1	1
4583059	PL.33213	A	Consumer	7.41Y	123.6	0.00	2.44	0.46	0	3	1	95	0.00	0.0	5.024	0.000	3	1	1	1
458346	PL.23595	A	Consumer	7.41Y	123.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	4.968	0.000	0	0	1	1
PL.7029	PL.40905	A	4ACSR	7.41Y	123.5	0.04	2.46	4.61	4	32	12	94	0.01	0.0	4.827	0.177	0	0	0	11

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
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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 sub-header 'Units Displayed In Volts -Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.28564, PL.41472, C PD.7321, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.36Y	122.7	0.00	3.29	0.83	1	6	2	95	0.00	0.0	6.001	0.005	0	0	0	1
PD.7320	PL.41012	A	fuse6AMP	7.36Y	122.7	0.00	3.29	0.83	14	6	2	95	0.00	0.0	6.001	0.000	0	0	0	1
PL.41013	PD.7320	A	4ACSR	7.36Y	122.7	0.00	3.29	0.83	1	6	2	95	0.00	0.0	6.087	0.086	0	0	0	1
0302018	PL.41013	A	Consumer	7.36Y	122.7	0.00	3.29	0.83	0	6	2	95	0.00	0.0	6.087	0.000	6	2	1	1
030216	PL.28558	A	Consumer	7.37Y	122.8	0.00	3.21	0.08	0	1	0	100	0.00	0.0	5.809	0.000	1	0	1	1
PL.41008	PL.28558	A	4ACSR	7.37Y	122.8	0.00	3.21	0.82	1	6	2	95	0.00	0.0	5.817	0.008	0	0	0	2
PD.7318	PL.41008	A	fuse6AMP	7.37Y	122.8	0.00	3.21	0.82	14	6	2	95	0.00	0.0	5.817	0.000	0	0	0	2
PL.41009	PD.7318	A	4ACSR	7.37Y	122.8	0.00	3.21	0.82	1	6	2	95	0.00	0.0	5.881	0.063	0	0	0	2
PL.23030	PL.41009	A	4ACSR	7.37Y	122.8	0.00	3.21	0.82	1	6	2	95	0.00	0.0	5.885	0.004	0	0	0	2
030215	PL.23030	A	Consumer	7.37Y	122.8	0.00	3.21	0.07	0	0	0	100	0.00	0.0	5.885	0.000	0	0	1	1
030206	PL.23030	A	Consumer	7.37Y	122.8	0.00	3.21	0.76	0	5	2	93	0.00	0.0	5.885	0.000	5	2	1	1
PL.23031	PL.23030	A	4ACSR	7.37Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	6.106	0.221	0	0	0	0
030212	PL.23031	A	Consumer	7.37Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	6.106	0.000	0	0	0	0
459217	PL.21530	A	Consumer	7.37Y	122.8	0.00	3.15	0.12	0	1	0	100	0.00	0.0	5.697	0.000	1	0	1	1
459213	PL.21530	A	Consumer	7.37Y	122.8	0.00	3.15	0.63	0	4	2	89	0.00	0.0	5.697	0.000	4	2	1	1
459222	PL.21530	A	Consumer	7.37Y	122.8	0.00	3.15	0.90	0	6	2	95	0.00	0.0	5.697	0.000	6	2	1	1
459220	PL.33979	A	Consumer	7.39Y	123.2	0.00	2.83	0.02	0	0	0	100	0.00	0.0	5.199	0.000	0	0	1	1
459204	PL.33979	A	Consumer	7.39Y	123.2	0.00	2.83	0.65	0	4	2	89	0.00	0.0	5.199	0.000	4	2	1	1
PL.41006	PL.36668	A	2ACSR	7.39Y	123.2	0.00	2.78	0.60	0	4	2	89	0.00	0.0	5.131	0.011	0	0	0	1
PD.7317-A	PL.41006	A	Closed	7.39Y	123.2	0.00	2.78	0.60	0	4	2	89	0.00	0.0	5.131	0.000	0	0	0	1
PD.7317-B	PD.7317-A	A	Closed	7.39Y	123.2	0.00	2.78	0.60	0	4	2	89	0.00	0.0	5.131	0.000	0	0	0	1
PL.41007	PD.7317-B	A	2ACSR	7.39Y	123.2	0.01	2.79	0.60	0	4	2	89	0.00	0.0	5.691	0.560	0	0	0	1
PL.36671	PL.41007	A	2ACSR	7.39Y	123.2	0.00	2.79	0.60	0	4	2	89	0.00	0.0	5.804	0.113	0	0	0	1
4582008	PL.36671	A	Consumer	7.39Y	123.2	0.00	2.79	0.60	0	4	2	89	0.00	0.0	5.804	0.000	4	2	1	1
458336	PL.7030	A	Consumer	7.42Y	123.7	0.00	2.33	0.04	0	0	0	100	0.00	0.0	4.557	0.000	0	0	1	1
458305	PL.7030	A	Consumer	7.42Y	123.7	0.00	2.33	0.11	0	1	0	100	0.00	0.0	4.557	0.000	1	0	1	1
458355	PL.22111	A	Consumer	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	4.061	0.000	0	0	0	0
PL.41723	PL.9477	B	4ACSR	7.47Y	124.6	0.00	1.43	0.82	1	6	2	95	0.00	0.0	3.857	0.005	0	0	0	3
PD.7506	PL.41723	B	fuse6AMP	7.47Y	124.6	0.00	1.43	0.82	14	6	2	95	0.00	0.0	3.857	0.000	0	0	0	3
PL.41724	PD.7506	B	4ACSR	7.47Y	124.6	0.01	1.43	0.82	1	6	2	95	0.00	0.0	3.997	0.140	0	0	0	3
458352	PL.41724	B	Consumer	7.47Y	124.6	0.00	1.43	0.28	0	2	1	89	0.00	0.0	3.997	0.000	2	1	1	1
458353	PL.41724	B	Consumer	7.47Y	124.6	0.00	1.43	0.52	0	4	1	97	0.00	0.0	3.997	0.000	4	1	1	1
4583062	PL.41724	B	Consumer	7.47Y	124.6	0.00	1.43	0.02	0	0	0	100	0.00	0.0	3.997	0.000	0	0	1	1
458356	PL.9477	B	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	3.852	0.000	0	0	1	1
458354	PL.39222	C	Consumer	7.54Y	125.7	0.00	0.28	0.96	0	7	3	92	0.00	0.0	3.717	0.000	7	3	1	1
458357	PL.39222	C	Consumer	7.54Y	125.7	0.00	0.28	0.11	0	1	0	100	0.00	0.0	3.717	0.000	1	0	1	1
PL.16893	PL.9718	C	4ACSR	7.55Y	125.8	0.00	0.17	0.37	0	3	1	95	0.00	0.0	3.410	0.008	0	0	0	1
PD.1514	PL.16893	C	fuse6AMP	7.55Y	125.8	0.00	0.17	0.37	6	3	1	95	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\SUMMER\PROPOSED SUMMER 06-10 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	7.55Y	125.8	0.00	0.17	0.37	0	3	1	95	0.00	0.0	3.544	0.134	0	0	0	1
458345	PL.16894	C	Consumer	7.55Y	125.8	0.00	0.17	0.37	0	3	1	95	0.00	0.0	3.544	0.000	3	1	1	1
459323	PL.40909	C	Consumer	7.56Y	126.0	0.00	0.04	0.46	0	3	1	95	0.00	0.0	3.079	0.000	3	1	1	1
PL.41715	PL.9721	B	4ACSR	7.33Y	122.1	0.00	3.89	0.74	1	5	2	93	0.00	0.0	2.798	0.006	0	0	0	1
PD.7502	PL.41715	B	fuse6AMP	7.33Y	122.1	0.00	3.89	0.74	13	5	2	93	0.00	0.0	2.798	0.000	0	0	0	1
PL.41716	PD.7502	B	4ACSR	7.33Y	122.1	0.00	3.89	0.74	1	5	2	93	0.00	0.0	2.841	0.044	0	0	0	1
459304	PL.41716	B	Consumer	7.33Y	122.1	0.00	3.89	0.74	0	5	2	93	0.00	0.0	2.841	0.000	5	2	1	1
030315	PL.28168	B	Consumer	7.37Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	2.425	0.000	0	0	0	0
030319	PL.28168	B	Consumer	7.37Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	2.425	0.000	0	0	0	0
030311	PL.19708	C	Consumer	7.46Y	124.4	0.00	1.64	0.15	0	1	0	100	0.00	0.0	2.206	0.000	1	0	1	1
030306	PL.19708	C	Consumer	7.46Y	124.4	0.00	1.64	3.04	0	20	10	89	0.00	0.0	2.206	0.000	20	10	1	1
031403	PL.4884	A	Consumer	7.46Y	124.3	0.00	1.68	0.46	0	3	1	95	0.00	0.0	1.825	0.000	3	1	1	1
031422	PL.4884	B	Consumer	7.44Y	124.1	0.00	1.94	0.00	0	0	0	100	0.00	0.0	1.825	0.000	0	0	0	0
031404	PL.40692	A	Consumer	7.47Y	124.4	0.00	1.55	0.06	0	0	0	100	0.00	0.0	1.751	0.000	0	0	1	1
PL.27275	PL.9727	B	4ACSR	7.47Y	124.5	0.00	1.46	0.63	1	4	2	89	0.00	0.0	1.591	0.005	0	0	0	1
PD.1197	PL.27275	B	fuse6AMP	7.47Y	124.5	0.00	1.46	0.63	11	4	2	89	0.00	0.0	1.591	0.000	0	0	0	1
PL.27276	PD.1197	B	4ACSR	7.47Y	124.5	0.00	1.46	0.63	1	4	2	89	0.00	0.0	1.661	0.069	0	0	0	1
031415	PL.27276	B	Consumer	7.47Y	124.5	0.00	1.46	0.63	0	4	2	89	0.00	0.0	1.661	0.000	4	2	1	1
PL.1716	PL.9732	C	4ACSR	7.55Y	125.9	0.00	0.14	0.86	1	6	2	95	0.00	0.0	0.613	0.064	0	0	0	2
032447	PL.1716	C	Consumer	7.55Y	125.9	0.00	0.14	0.28	0	2	1	89	0.00	0.0	0.613	0.000	2	1	1	1
032421	PL.1716	C	Consumer	7.55Y	125.9	0.00	0.14	0.58	0	4	2	89	0.00	0.0	0.613	0.000	4	2	1	1
032471	PL.9732	A	Consumer	7.54Y	125.7	0.00	0.27	0.01	0	0	0	100	0.00	0.0	0.549	0.000	0	0	1	1
032483	PL.9732	A	Consumer	7.54Y	125.7	0.00	0.27	0.36	0	3	1	95	0.00	0.0	0.549	0.000	3	1	1	1
032448	PL.9732	A	Consumer	7.54Y	125.7	0.00	0.27	1.47	0	10	4	93	0.00	0.0	0.549	0.000	10	4	1	1
032497	PL.9732	A	Consumer	7.54Y	125.7	0.00	0.27	0.52	0	4	1	97	0.00	0.0	0.549	0.000	4	1	1	1
032469	PL.9732	A	Consumer	7.54Y	125.7	0.00	0.27	0.90	0	6	2	95	0.00	0.0	0.549	0.000	6	2	1	1
032468	PL.9732	A	Consumer	7.54Y	125.7	0.00	0.27	0.14	0	1	0	100	0.00	0.0	0.549	0.000	1	0	1	1
032435	PL.19755	A	Consumer	7.55Y	125.8	0.00	0.23	0.46	0	3	1	95	0.00	0.0	0.446	0.000	3	1	1	1
032402	PL.19755	A	Consumer	7.55Y	125.8	0.00	0.23	0.79	0	6	2	95	0.00	0.0	0.446	0.000	6	2	1	1
032476	PL.19755	A	Consumer	7.55Y	125.8	0.00	0.23	0.57	0	4	2	89	0.00	0.0	0.446	0.000	4	2	1	1
032493	PL.9734	A	Consumer	7.55Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.359	0.000	0	0	1	1
032403	PL.9734	A	Consumer	7.55Y	125.8	0.00	0.19	0.65	0	5	2	93	0.00	0.0	0.359	0.000	5	2	1	1
032496	PL.9734	A	Consumer	7.55Y	125.8	0.00	0.19	0.29	0	2	1	89	0.00	0.0	0.359	0.000	2	1	1	1
032442	PL.18246	A	Consumer	7.55Y	125.9	0.00	0.12	0.69	0	5	2	93	0.00	0.0	0.224	0.000	5	2	1	1
032430	PL.18246	A	Consumer	7.55Y	125.9	0.00	0.12	0.04	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	0.03	0.02	0	0	0	100	0.00	0.0	0.113	0.000	0	0	1	1
032477	PL.28167	A	Consumer	7.56Y	126.0	0.00	0.04	6.58	0	45	22	90	0.00	0.0	0.064	0.000	45	22	1	1
032490	PL.28167	A	Consumer	7.56Y	126.0	0.00	0.04	5.77	0	39	19	90	0.00	0.0	0.064	0.000	39	19	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.26206, PL.26207, PL.24653, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 data for various elements like PL.42185, PD.7638-A, PL.42181, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

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

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units (Accum Drop, Thru Amps, % Cap, KW, KVAR, % PF, kW Loss, % Loss), mi (From Src, Length), and Cons (On, Thru). Rows list various electrical elements and their properties.

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\SUMMER\PROPOSED SUMMER 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.42931, 541913, PL.7385, 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\SUMMER\PROPOSED SUMMER 06-10 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.7377	PL.18613	A	1/OACSR	7.46Y	124.3	0.16	1.73	74.82	37	516	215	92	0.95	0.1	1.924	0.095	0	0	0	88		
		B		7.50Y	125.1	0.10	0.94	62.82	31	436	180	92					0	0	0	85		
		C		7.51Y	125.2	0.07	0.82	44.02	22	306	127	92					0	0	0	43		
OCD73	PL.7377	A	VWVE	7.46Y	124.3	0.00	1.73	74.82	0	515	214	92	0.00	0.0	1.924	0.000	0	0	0	88		
		B		7.50Y	125.1	0.00	0.94	62.82	0	436	180	92					0	0	0	85		
		C		7.51Y	125.2	0.00	0.82	44.02	0	305	127	92					0	0	0	43		
PL.19726	OCD73	A	1/OACSR	7.45Y	124.2	0.10	1.82	74.82	37	515	214	92	0.56	0.0	1.981	0.057	0	0	0	88		
		B		7.50Y	125.0	0.06	1.00	62.82	31	436	180	92					0	0	0	85		
		C		7.51Y	125.1	0.04	0.86	41.44	21	288	118	92					0	0	0	40		
547508	PL.19726	C	Consumer	7.51Y	125.1	0.00	0.86	0.19	0	1	1	71	0.00	0.0	1.981	0.000	1	1	1	1		
PL.19727	PL.19726	A	1/OACSR	7.45Y	124.1	0.06	1.89	74.82	37	515	214	92	0.36	0.0	2.018	0.037	0	0	0	88		
		B		7.50Y	125.0	0.04	1.03	62.82	31	436	180	92					0	0	0	85		
		C		7.51Y	125.1	0.02	0.89	41.25	21	287	118	93					0	0	0	39		
PL.7388	PL.19727	A	1/OACSR	7.44Y	124.0	0.08	1.96	74.17	37	510	212	92	0.45	0.0	2.063	0.046	0	0	0	87		
		B		7.50Y	124.9	0.05	1.08	62.82	31	435	179	92					0	0	0	85		
		C		7.51Y	125.1	0.03	0.91	41.25	21	286	118	93					0	0	0	39		
548502	PL.7388	B	Consumer	7.50Y	124.9	0.00	1.08	0.49	0	3	1	95	0.00	0.0	2.063	0.000	3	1	1	1		
PL.21302	PL.7388	A	1/OACSR	7.44Y	123.9	0.11	2.07	74.17	37	510	212	92	0.65	0.1	2.130	0.067	0	0	0	87		
		B		7.49Y	124.9	0.07	1.15	62.33	31	432	178	92					0	0	0	84		
		C		7.50Y	125.0	0.04	0.96	41.25	21	286	118	93					0	0	0	39		
549605	PL.21302	C	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	2.130	0.000	0	0	0	0		
5496007	PL.21302	B	Consumer	7.49Y	124.9	0.00	1.15	0.00	0	0	0	100	0.00	0.0	2.130	0.000	0	0	0	0		
549601	PL.21302	A	Consumer	7.44Y	123.9	0.00	2.07	1.66	0	11	5	91	0.00	0.0	2.130	0.000	11	5	1	1		
		C		7.50Y	125.0	0.00	0.96	1.65	0	11	5	90					11	5	1	1		
PL.21303	PL.21302	A	1/OACSR	7.43Y	123.8	0.10	2.17	72.51	36	498	206	92	0.58	0.0	2.192	0.062	0	0	0	87		
		B		7.49Y	124.8	0.06	1.21	62.33	31	432	178	92					0	0	0	84		
		C		7.50Y	125.0	0.04	1.00	39.61	20	275	112	93					0	0	0	39		
549604	PL.21303	C	Consumer	7.50Y	125.0	0.00	1.00	0.56	0	4	2	89	0.00	0.0	2.192	0.000	4	2	1	1		
549603	PL.21303	C	Consumer	7.50Y	125.0	0.00	1.00	0.62	0	4	2	89	0.00	0.0	2.192	0.000	4	2	1	1		
PL.7384	PL.21303	A	1/OACSR	7.42Y	123.7	0.11	2.28	72.51	36	498	205	92	0.63	0.1	2.260	0.068	0	0	0	87		
		B		7.48Y	124.7	0.07	1.28	62.33	31	432	177	92					0	0	0	84		
		C		7.50Y	125.0	0.04	1.03	38.43	19	267	109	93					0	0	0	37		
PL.24644	PL.7384	A	1/OACSR	7.41Y	123.6	0.14	2.42	72.51	36	498	205	92	0.78	0.1	2.343	0.084	0	0	0	87		
		B		7.48Y	124.6	0.08	1.36	62.33	31	431	177	93					0	0	0	84		
		C		7.50Y	124.9	0.05	1.08	38.11	19	265	108	93					0	0	0	36		
034406	PL.24644	B	Consumer	7.48Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	2.343	0.000	0	0	1	1		
PL.11279	PL.24644	A	1/OACSR	7.40Y	123.4	0.16	2.59	72.51	36	497	205	92	0.93	0.1	2.443	0.100	0	0	0	87		
		B		7.47Y	124.5	0.10	1.46	62.33	31	431	177	93					0	0	0	83		
		C		7.49Y	124.9	0.06	1.14	38.11	19	264	108	93					0	0	0	36		
PL.17996	PL.11279	A	1/OACSR	7.40Y	123.3	0.15	2.73	69.03	34	473	195	92	0.85	0.1	2.540	0.096	0	0	0	84		
		B		7.47Y	124.4	0.10	1.56	62.33	31	431	176	93					0	0	0	83		
		C		7.49Y	124.8	0.05	1.19	38.11	19	264	108	93					0	0	0	36		
034415	PL.17996	C	Consumer	7.49Y	124.8	0.00	1.19	0.00	0	0	0	100	0.00	0.0	2.540	0.000	0	0	1	1		
PL.21525	PL.17996	A	1/OACSR	7.39Y	123.1	0.13	2.86	69.03	34	472	194	92	0.72	0.1	2.621	0.082	0	0	0	84		
		B		7.46Y	124.3	0.09	1.65	62.33	31	431	176	93					0	0	0	83		
		C		7.49Y	124.8	0.05	1.24	38.11	19	264	108	93					0	0	0	35		
PL.21102	PL.21525	A	4ACSR	7.39Y	123.1	0.00	2.86	0.46	0	3	1	95	0.00	0.0	2.641	0.020	0	0	0	1		
PL.31913	PL.21102	A	4ACSR	7.39Y	123.1	0.00	2.86	0.00	0	0	0	100	0.00	0.0	2.682	0.041	0	0	0	0		
0344020	PL.31913	A	Consumer	7.39Y	123.1	0.00	2.86	0.00	0	0	0	100	0.00	0.0	2.682	0.000	0	0	0	0		
034417	PL.21102	A	Consumer	7.39Y	123.1	0.00	2.86	0.46	0	3	1	95	0.00	0.0	2.641	0.000	3	1	1	1		
PL.21101	PL.21525	A	4ACSR	7.39Y	123.1	0.00	2.86	1.15	1	8	3	94	0.00	0.0	2.646	0.024	0	0	0	2		

Unbalanced Voltage Drop Report
Source: FRENCHBURG

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

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							% Loss	% Loss	mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW					KW	KVAR		
034419	PL.21101	A	Consumer	7.39Y	123.1	0.00	2.86	0.05	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	2.86	1.10	0	8	3	94	0.00	0.0	2.646	0.000	8	3	1	1	
PL.41513	PL.21525	A	1/OACSR	7.38Y	123.0	0.11	2.97	67.42	34	461	190	92	0.63	0.1	2.694	0.073	0	0	0	81	
		B		7.46Y	124.3	0.08	1.73	62.33	31	431	176	93					0	0	0	83	
		C		7.48Y	124.7	0.04	1.28	38.11	19	264	108	93					0	0	0	35	
PL.41514	PL.41513	A	1/OACSR	7.38Y	122.9	0.10	3.07	67.42	34	460	189	92	0.58	0.1	2.762	0.068	0	0	0	81	
		B		7.45Y	124.2	0.07	1.80	61.44	31	424	173	93					0	0	0	82	
		C		7.48Y	124.7	0.04	1.31	38.11	19	264	108	93					0	0	0	35	
PL.18471	PL.41514	A	1/OACSR	7.34Y	122.4	0.52	3.59	67.42	34	460	189	92	2.93	0.3	3.104	0.342	0	0	0	81	
		B		7.43Y	123.8	0.35	2.15	61.44	31	424	173	93					0	0	0	82	
		C		7.47Y	124.5	0.19	1.50	38.11	19	264	108	93					0	0	0	35	
PD.284-A	PL.18471	A	Closed	7.34Y	122.4	0.00	3.59	67.42	0	458	188	93	0.00	0.0	3.104	0.000	0	0	0	81	
		B		7.43Y	123.8	0.00	2.15	61.44	0	423	171	93					0	0	0	82	
		C		7.47Y	124.5	0.00	1.50	38.11	0	264	107	93					0	0	0	35	
PD.284-B	PD.284-A	A	Closed	7.34Y	122.4	0.00	3.59	67.42	0	458	188	93	0.00	0.0	3.104	0.000	0	0	0	81	
		B		7.43Y	123.8	0.00	2.15	61.44	0	423	171	93					0	0	0	82	
		C		7.47Y	124.5	0.00	1.50	38.11	0	264	107	93					0	0	0	35	
PL.18472	PD.284-B	A	1/OACSR	7.34Y	122.3	0.10	3.69	67.42	34	458	188	93	0.57	0.1	3.171	0.067	0	0	0	81	
		B		7.43Y	123.8	0.07	2.22	61.44	31	423	171	93					0	0	0	82	
		C		7.47Y	124.5	0.04	1.54	38.11	19	264	107	93					0	0	0	35	
PL.11280	PL.18472	A	1/OACSR	7.33Y	122.2	0.11	3.80	67.42	34	458	187	93	0.62	0.1	3.245	0.074	0	0	0	81	
		B		7.42Y	123.7	0.07	2.29	59.40	30	408	167	93					0	0	0	76	
		C		7.46Y	124.4	0.04	1.59	38.11	19	264	107	93					0	0	0	35	
PL.2119	PL.11280	A	1/OACSR	7.33Y	122.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	3.275	0.030	0	0	0	0	
		B		7.42Y	123.7	0.00	2.29	0.00	0	0	0	100					0	0	0	0	
		C		7.46Y	124.4	0.00	1.59	0.00	0	0	0	100					0	0	0	0	
PL.11281	PL.11280	A	1/OACSR	7.33Y	122.2	0.04	3.85	67.42	34	458	187	93	0.24	0.0	3.274	0.029	0	0	0	81	
		B		7.42Y	123.7	0.03	2.32	59.40	30	408	167	93					0	0	0	76	
		C		7.46Y	124.4	0.02	1.60	38.11	19	263	107	93					0	0	0	35	
PL.46105	PL.11281	A	1/OACSR	7.33Y	122.1	0.05	3.89	67.41	34	457	187	93	0.26	0.0	3.305	0.031	0	0	0	80	
		B		7.42Y	123.6	0.03	2.35	59.40	30	408	167	93					0	0	0	76	
		C		7.46Y	124.4	0.02	1.62	38.11	19	263	107	93					0	0	0	35	
PL.46106	PL.46105	A	1/OACSR	7.32Y	122.1	0.04	3.94	67.41	34	457	187	93	0.25	0.0	3.335	0.030	0	0	0	80	
		B		7.42Y	123.6	0.03	2.38	59.40	30	408	167	93					0	0	0	76	
		C		7.46Y	124.4	0.02	1.64	38.11	19	263	107	93					0	0	0	35	
035433	PL.46106	A	Consumer	7.32Y	122.1	0.00	3.94	0.00	0	0	0	100	0.00	0.0	3.335	0.000	0	0	1	1	
PL.11283	PL.46106	A	1/OACSR	7.31Y	121.9	0.15	4.09	67.41	34	457	187	93	0.85	0.1	3.437	0.102	0	0	0	79	
		B		7.41Y	123.5	0.10	2.48	59.40	30	408	166	93					0	0	0	76	
		C		7.46Y	124.3	0.06	1.70	38.11	19	263	107	93					0	0	0	35	
0354101	PL.11283	C	Consumer	7.46Y	124.3	0.00	1.70	0.69	0	5	2	93	0.00	0.0	3.437	0.000	5	2	1	1	
PL.11284	PL.11283	A	1/OACSR	7.31Y	121.8	0.08	4.17	67.41	34	457	186	93	0.44	0.0	3.490	0.053	0	0	0	79	
		B		7.41Y	123.5	0.05	2.53	59.40	30	408	166	93					0	0	0	76	
		C		7.46Y	124.3	0.03	1.73	37.42	19	258	105	93					0	0	0	34	
PL.17423	PL.11284	C	4ACSR	7.46Y	124.3	0.00	1.73	11.44	10	79	31	93	0.00	0.0	3.495	0.005	0	0	0	19	
PD.3103	PL.17423	C	25L	7.46Y	124.3	0.00	1.73	11.44	46	79	31	93	0.00	0.0	3.495	0.000	0	0	0	19	
PL.17424	PD.3103	C	4ACSR	7.45Y	124.2	0.03	1.76	11.44	10	79	31	93	0.02	0.0	3.552	0.056	0	0	0	19	
PL.21702	PL.17424	C	4ACSR	7.45Y	124.2	0.00	1.76	1.43	1	10	4	93	0.00	0.0	3.555	0.004	0	0	0	2	
PD.2667	PL.21702	C	fuse6AMP	7.45Y	124.2	0.00	1.76	1.43	24	10	4	93	0.00	0.0	3.555	0.000	0	0	0	2	
PL.21703	PD.2667	C	4ACSR	7.45Y	124.2	0.00	1.76	1.43	1	10	4	93	0.00	0.0	3.584	0.029	0	0	0	2	
PL.2046	PL.21703	C	4ACSR	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	3.587	0.002	0	0	0	0	
035486	PL.21703	C	Consumer	7.45Y	124.2	0.00	1.76	0.71	0	5	2	93	0.00	0.0	3.584	0.000	5	2	1	1	

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
035410	PL.21703	C	Consumer	7.45Y	124.2	0.00	1.76	0.72	0	5	2	93	0.00	0.0	3.584	0.000	5	2	1	1
PL.11485	PL.17424	C	4ACSR	7.45Y	124.2	0.06	1.82	10.02	8	70	27	93	0.03	0.0	3.679	0.127	0	0	0	17
035412	PL.11485	C	Consumer	7.45Y	124.2	0.00	1.82	0.27	0	2	1	89	0.00	0.0	3.679	0.000	2	1	1	1
PL.11486	PL.11485	C	4ACSR	7.45Y	124.2	0.02	1.84	5.46	5	38	15	93	0.01	0.0	3.771	0.092	0	0	0	10
035473	PL.11486	C	Consumer	7.45Y	124.2	0.00	1.84	0.73	0	5	2	93	0.00	0.0	3.771	0.000	5	2	1	1
035474	PL.11486	C	Consumer	7.45Y	124.2	0.00	1.84	0.54	0	4	1	97	0.00	0.0	3.771	0.000	4	1	1	1
PL.11940	PL.11486	C	4ACSR	7.45Y	124.2	0.01	1.85	4.19	4	29	11	93	0.00	0.0	3.811	0.041	0	0	0	8
PL.19695	PL.11940	C	4ACSR	7.45Y	124.1	0.01	1.86	3.94	3	27	11	93	0.00	0.0	3.865	0.054	0	0	0	6
035414	PL.19695	C	Consumer	7.45Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	3.865	0.000	0	0	1	1
PL.19696	PL.19695	C	4ACSR	7.45Y	124.1	0.03	1.88	3.94	3	27	11	93	0.01	0.0	4.007	0.142	0	0	0	5
PL.1834	PL.19696	C	4ACSR	7.45Y	124.1	0.00	1.89	0.69	1	5	2	93	0.00	0.0	4.079	0.072	0	0	0	1
035470	PL.1834	C	Consumer	7.45Y	124.1	0.00	1.89	0.69	0	5	2	93	0.00	0.0	4.079	0.000	5	2	1	1
PL.11941	PL.19696	C	4ACSR	7.45Y	124.1	0.01	1.89	3.24	3	23	9	93	0.00	0.0	4.058	0.052	0	0	0	4
PL.11942	PL.11941	C	4ACSR	7.45Y	124.1	0.01	1.90	2.50	2	17	7	92	0.00	0.0	4.143	0.085	0	0	0	3
PL.1833	PL.11942	C	4ACSR	7.45Y	124.1	0.00	1.90	0.67	1	5	2	93	0.00	0.0	4.218	0.074	0	0	0	1
036413	PL.1833	C	Consumer	7.45Y	124.1	0.00	1.90	0.67	0	5	2	93	0.00	0.0	4.218	0.000	5	2	1	1
036404	PL.11942	C	Consumer	7.45Y	124.1	0.00	1.90	1.17	0	8	3	94	0.00	0.0	4.143	0.000	8	3	1	1
PL.6405	PL.11942	C	4ACSR	7.45Y	124.1	0.00	1.90	0.65	1	5	2	93	0.00	0.0	4.194	0.051	0	0	0	1
PL.6406	PL.6405	C	4ACSR	7.45Y	124.1	0.00	1.90	0.00	0	0	0	100	0.00	0.0	4.518	0.324	0	0	0	0
PL.6381	PL.6406	C	4ACSR	7.45Y	124.1	0.00	1.90	0.00	0	0	0	100	0.00	0.0	4.771	0.253	0	0	0	0
036431	PL.6405	C	Consumer	7.45Y	124.1	0.00	1.90	0.65	0	5	2	93	0.00	0.0	4.194	0.000	5	2	1	1
PL.1835	PL.11941	C	4ACSR	7.45Y	124.1	0.00	1.89	0.75	1	5	2	93	0.00	0.0	4.119	0.061	0	0	0	1
036420	PL.1835	C	Consumer	7.45Y	124.1	0.00	1.89	0.75	0	5	2	93	0.00	0.0	4.119	0.000	5	2	1	1
PL.6383	PL.11940	C	4ACSR	7.45Y	124.2	0.00	1.85	0.25	0	2	1	89	0.00	0.0	3.917	0.105	0	0	0	1
PL.6384	PL.6383	C	4ACSR	7.45Y	124.2	0.00	1.85	0.25	0	2	1	89	0.00	0.0	4.027	0.110	0	0	0	1
036405	PL.6384	C	Consumer	7.45Y	124.2	0.00	1.85	0.25	0	2	1	89	0.00	0.0	4.027	0.000	2	1	1	1
035469	PL.11940	C	Consumer	7.45Y	124.2	0.00	1.85	0.00	0	0	0	100	0.00	0.0	3.811	0.000	0	0	1	1
PL.6401	PL.11485	C	4ACSR	7.45Y	124.2	0.01	1.82	2.28	2	16	6	94	0.00	0.0	3.754	0.076	0	0	0	3
035488	PL.6401	C	Consumer	7.45Y	124.2	0.00	1.82	0.80	0	6	2	95	0.00	0.0	3.754	0.000	6	2	1	1
PL.6402	PL.6401	C	4ACSR	7.45Y	124.2	0.00	1.83	1.48	1	10	4	93	0.00	0.0	3.818	0.064	0	0	0	2
PL.2114	PL.6402	C	4ACSR	7.45Y	124.2	0.00	1.83	0.63	1	4	2	89	0.00	0.0	3.856	0.038	0	0	0	1
035497	PL.2114	C	Consumer	7.45Y	124.2	0.00	1.83	0.63	0	4	2	89	0.00	0.0	3.856	0.000	4	2	1	1
035413	PL.6402	C	Consumer	7.45Y	124.2	0.00	1.83	0.85	0	6	2	95	0.00	0.0	3.818	0.000	6	2	1	1
PL.11487	PL.11485	C	4ACSR	7.45Y	124.2	0.00	1.82	2.00	2	14	5	94	0.00	0.0	3.710	0.032	0	0	0	3
PL.11939	PL.11487	C	4ACSR	7.45Y	124.2	0.01	1.83	1.35	1	9	4	91	0.00	0.0	3.825	0.114	0	0	0	2
035457	PL.11939	C	Consumer	7.45Y	124.2	0.00	1.83	0.39	0	3	1	95	0.00	0.0	3.825	0.000	3	1	1	1
035428	PL.11939	C	Consumer	7.45Y	124.2	0.00	1.83	0.96	0	7	3	92	0.00	0.0	3.825	0.000	7	3	1	1
PL.2051	PL.11487	C	4ACSR	7.45Y	124.2	0.00	1.82	0.65	1	5	2	93	0.00	0.0	3.752	0.042	0	0	0	1

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 035485, PL.18410, PL.18411, etc.

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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. The table lists various electrical elements and their characteristics.

Unbalanced Voltage Drop Report
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Detail

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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-----			
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On
PL.28163	PL.28162	B	4ACSR	7.36Y	122.7	0.00	3.28	0.68	1	5	2	93	0.00	0.0	4.674	0.034	0	0	0	1
036403	PL.28163	B	Consumer	7.36Y	122.7	0.00	3.28	0.68	0	5	2	93	0.00	0.0	4.674	0.000	5	2	1	1
036412	PL.28162	B	Consumer	7.36Y	122.7	0.00	3.28	0.07	0	1	0	100	0.00	0.0	4.639	0.000	1	0	1	1
036343	PL.18053	B	Consumer	7.36Y	122.7	0.00	3.28	1.02	0	7	3	92	0.00	0.0	4.496	0.000	7	3	1	1
PL.11957	PL.11956	A	1/0ACSR	7.23Y	120.4	0.06	5.56	26.98	13	184	66	94	0.11	0.0	4.563	0.093	0	0	0	24
		B		7.36Y	122.7	0.03	3.30	20.09	10	140	48	95			0	0	0	0	16	
		C		7.45Y	124.1	0.02	1.91	12.72	6	90	29	95			0	0	0	0	2	
036348	PL.11957	C	Consumer	7.45Y	124.1	0.00	1.91	0.88	0	6	2	95	0.00	0.0	4.563	0.000	6	2	1	1
036370	PL.11957	C	Consumer	7.45Y	124.1	0.00	1.91	0.07	0	0	0	100	0.00	0.0	4.563	0.000	0	0	1	1
PL.11958	PL.11957	A	1/0ACSR	7.22Y	120.4	0.06	5.63	26.98	13	184	66	94	0.12	0.0	4.664	0.102	0	0	0	24
		B		7.36Y	122.7	0.03	3.33	20.09	10	140	48	95			0	0	0	0	16	
		C		7.44Y	124.1	0.02	1.93	11.77	6	84	26	95			0	0	0	0	0	
PL.11959	PL.11958	A	1/0ACSR	7.22Y	120.3	0.09	5.72	25.96	13	177	63	94	0.17	0.0	4.822	0.158	0	0	0	22
		B		7.36Y	122.6	0.04	3.37	19.72	10	137	47	95			0	0	0	0	15	
		C		7.44Y	124.0	0.03	1.96	11.77	6	84	26	95			0	0	0	0	0	
PL.6354	PL.11959	A	4ACSR	7.22Y	120.3	0.02	5.74	11.70	10	79	31	93	0.01	0.0	4.865	0.042	0	0	0	19
PL.11960	PL.6354	A	4ACSR	7.22Y	120.3	0.01	5.75	11.70	10	79	31	93	0.00	0.0	4.875	0.010	0	0	0	19
PL.29277	PL.11960	A	4ACSR	7.22Y	120.3	0.00	5.75	0.15	0	1	0	100	0.00	0.0	4.895	0.020	0	0	0	2
036319	PL.29277	A	Consumer	7.22Y	120.3	0.00	5.75	0.02	0	0	0	100	0.00	0.0	4.895	0.000	0	0	1	1
036360	PL.29277	A	Consumer	7.22Y	120.3	0.00	5.75	0.13	0	1	0	100	0.00	0.0	4.895	0.000	1	0	1	1
PL.11961	PL.11960	A	4ACSR	7.21Y	120.2	0.04	5.79	5.85	5	39	15	93	0.01	0.0	5.029	0.154	0	0	0	8
PL.11962	PL.11961	A	4ACSR	7.21Y	120.2	0.00	5.79	0.44	0	3	1	95	0.00	0.0	5.050	0.021	0	0	0	1
036306	PL.11962	A	Consumer	7.21Y	120.2	0.00	5.79	0.44	0	3	1	95	0.00	0.0	5.050	0.000	3	1	1	1
PL.19007	PL.11961	A	4ACSR	7.21Y	120.2	0.01	5.80	3.87	3	26	10	93	0.00	0.0	5.070	0.041	0	0	0	4
036359	PL.19007	A	Consumer	7.21Y	120.2	0.00	5.80	0.77	0	5	2	93	0.00	0.0	5.070	0.000	5	2	1	1
PL.19008	PL.19007	A	4ACSR	7.21Y	120.2	0.00	5.80	3.10	3	21	8	93	0.00	0.0	5.086	0.016	0	0	0	3
036354	PL.19008	A	Consumer	7.21Y	120.2	0.00	5.80	1.43	0	10	4	93	0.00	0.0	5.086	0.000	10	4	1	1
036355	PL.19008	A	Consumer	7.21Y	120.2	0.00	5.80	0.79	0	5	2	93	0.00	0.0	5.086	0.000	5	2	1	1
036362	PL.19008	A	Consumer	7.21Y	120.2	0.00	5.80	0.87	0	6	2	95	0.00	0.0	5.086	0.000	6	2	1	1
PL.2088	PL.11961	A	4ACSR	7.21Y	120.2	0.00	5.79	0.48	0	3	1	95	0.00	0.0	5.077	0.048	0	0	0	1
036336	PL.2088	A	Consumer	7.21Y	120.2	0.00	5.79	0.48	0	3	1	95	0.00	0.0	5.077	0.000	3	1	1	1
PL.2089	PL.11961	A	4ACSR	7.21Y	120.2	0.00	5.79	1.06	1	7	3	92	0.00	0.0	5.091	0.061	0	0	0	2
036364	PL.2089	A	Consumer	7.21Y	120.2	0.00	5.79	0.36	0	2	1	89	0.00	0.0	5.091	0.000	2	1	1	1
036323	PL.2089	A	Consumer	7.21Y	120.2	0.00	5.79	0.70	0	5	2	93	0.00	0.0	5.091	0.000	5	2	1	1
PL.6355	PL.11960	A	4ACSR	7.21Y	120.2	0.00	5.75	5.71	5	38	15	93	0.00	0.0	4.890	0.015	0	0	0	9
036317	PL.6355	A	Consumer	7.21Y	120.2	0.00	5.75	0.37	0	2	1	89	0.00	0.0	4.890	0.000	2	1	1	1
036320	PL.6355	A	Consumer	7.21Y	120.2	0.00	5.75	0.68	0	5	2	93	0.00	0.0	4.890	0.000	5	2	1	1
PL.6356	PL.6355	A	4ACSR	7.21Y	120.2	0.01	5.76	4.66	4	31	12	93	0.00	0.0	4.919	0.030	0	0	0	7
PL.2090	PL.6356	A	4ACSR	7.21Y	120.2	0.00	5.76	1.89	2	13	5	93	0.00	0.0	4.963	0.044	0	0	0	4
PL.29279	PL.2090	A	4ACSR	7.21Y	120.2	0.00	5.76	1.89	2	13	5	93	0.00	0.0	4.987	0.024	0	0	0	4
036366	PL.29279	A	Consumer	7.21Y	120.2	0.00	5.76	0.73	0	5	2	93	0.00	0.0	4.987	0.000	5	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
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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 036342, 036344, SRL.33342, 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 rows for elements like PL.20134, PD.1280, PL.28062, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

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

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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.2093	PL.11972	B	4ACSR	7.36Y	122.7	0.00	3.26	2.99	3	20	8	93	0.00	0.0	4.570	0.026	0	0	0	2
035343	PL.2093	B	Consumer	7.36Y	122.7	0.00	3.26	1.83	0	13	5	93	0.00	0.0	4.570	0.000	13	5	1	1
035334	PL.2093	B	Consumer	7.36Y	122.7	0.00	3.26	1.15	0	8	3	94	0.00	0.0	4.570	0.000	8	3	1	1
PL.11974	PL.21593	A	1/0ACSR	7.22Y	120.4	0.04	5.63	30.00	15	201	80	93	0.06	0.0	4.567	0.053	0	0	0	48
		B		7.36Y	122.7	0.01	3.25	14.85	7	102	40	93					0	0	0	29
PL.11975	PL.11974	A	1/0ACSR	7.22Y	120.4	0.00	5.63	30.00	15	201	80	93	0.00	0.0	4.570	0.003	0	0	0	48
		B		7.36Y	122.7	0.00	3.25	14.85	7	102	40	93					0	0	0	29
PL.6363	PL.11975	A	1/0ACSR	7.21Y	120.2	0.12	5.75	30.00	15	201	80	93	0.16	0.1	4.727	0.157	0	0	0	48
		B		7.36Y	122.7	0.00	3.25	10.14	5	69	27	93					0	0	0	16
035309	PL.6363	B	Consumer	7.36Y	122.7	0.00	3.25	0.70	0	5	2	93	0.00	0.0	4.727	0.000	5	2	1	1
035352	PL.6363	B	Consumer	7.36Y	122.7	0.00	3.25	0.00	0	0	0	100	0.00	0.0	4.727	0.000	0	0	0	0
035363	PL.6363	B	Consumer	7.36Y	122.7	0.00	3.25	0.86	0	6	2	95	0.00	0.0	4.727	0.000	6	2	1	1
035303	PL.6363	B	Consumer	7.36Y	122.7	0.00	3.25	0.96	0	7	3	92	0.00	0.0	4.727	0.000	7	3	1	1
PL.6362	PL.6363	A	1/0ACSR	7.21Y	120.2	0.02	5.77	30.00	15	201	80	93	0.02	0.0	4.749	0.021	0	0	0	48
		B		7.36Y	122.7	-0.00	3.25	7.61	4	52	21	93					0	0	0	13
PL.25731	PL.6362	A	1/0ACSR	7.21Y	120.2	0.04	5.81	30.00	15	201	80	93	0.05	0.0	4.798	0.049	0	0	0	48
		B		7.36Y	122.7	-0.00	3.25	7.61	4	52	21	93					0	0	0	13
PL.25732	PL.25731	A	1/0ACSR	7.21Y	120.2	0.03	5.84	30.00	15	201	80	93	0.04	0.0	4.839	0.041	0	0	0	48
		B		7.37Y	122.8	-0.00	3.25	5.95	3	41	16	93					0	0	0	11
035320	PL.25732	B	Consumer	7.37Y	122.8	0.00	3.25	0.90	0	6	2	95	0.00	0.0	4.839	0.000	6	2	1	1
035347	PL.25732	B	Consumer	7.37Y	122.8	0.00	3.25	1.23	0	8	3	94	0.00	0.0	4.839	0.000	8	3	1	1
PL.6364	PL.25732	A	1/0ACSR	7.21Y	120.1	0.06	5.90	30.00	15	201	80	93	0.08	0.0	4.918	0.079	0	0	0	48
		B		7.37Y	122.8	-0.01	3.23	3.82	2	26	10	93					0	0	0	9
PL.18534	PL.6364	A	1/0ACSR	7.21Y	120.1	0.00	5.90	30.00	15	201	79	93	0.01	0.0	4.923	0.006	0	0	0	48
		B		7.37Y	122.8	-0.00	3.23	3.58	2	25	10	93					0	0	0	8
PD.279-A	PL.18534	A	Closed	7.21Y	120.1	0.00	5.90	30.00	0	201	79	93	0.00	0.0	4.923	0.000	0	0	0	48
		B		7.37Y	122.8	0.00	3.23	3.58	0	25	10	93					0	0	0	8
PD.279-B	PD.279-A	A	Closed	7.21Y	120.1	0.00	5.90	30.00	0	201	79	93	0.00	0.0	4.923	0.000	0	0	0	48
		B		7.37Y	122.8	0.00	3.23	3.58	0	25	10	93					0	0	0	8
PL.18535	PD.279-B	A	1/0ACSR	7.20Y	120.0	0.09	5.99	30.00	15	201	79	93	0.11	0.1	5.041	0.118	0	0	0	48
		B		7.37Y	122.8	-0.02	3.21	3.58	2	25	10	93					0	0	0	8
PL.2096	PL.18535	B	4ACSR	7.37Y	122.8	0.01	3.22	1.68	1	12	5	92	0.00	0.0	5.126	0.085	0	0	0	2
035336	PL.2096	B	Consumer	7.37Y	122.8	0.00	3.22	1.17	0	8	3	94	0.00	0.0	5.126	0.000	8	3	1	1
035329	PL.2096	B	Consumer	7.37Y	122.8	0.00	3.22	0.52	0	4	1	97	0.00	0.0	5.126	0.000	4	1	1	1
035350	PL.18535	B	Consumer	7.37Y	122.8	0.00	3.21	0.73	0	5	2	93	0.00	0.0	5.041	0.000	5	2	1	1
035360	PL.18535	B	Consumer	7.37Y	122.8	0.00	3.21	0.09	0	1	0	100	0.00	0.0	5.041	0.000	1	0	1	1
PL.19271	PL.18535	A	1/0ACSR	7.20Y	120.0	0.03	6.02	30.00	15	201	79	93	0.04	0.0	5.079	0.037	0	0	0	48
		B		7.37Y	122.8	-0.01	3.21	1.07	1	7	3	93					0	0	0	4
035361	PL.19271	B	Consumer	7.37Y	122.8	0.00	3.21	0.45	0	3	1	95	0.00	0.0	5.079	0.000	3	1	1	1
PL.19272	PL.19271	A	1/0ACSR	7.20Y	119.9	0.03	6.05	30.00	15	201	79	93	0.04	0.0	5.118	0.040	0	0	0	48
		B		7.37Y	122.8	-0.01	3.20	0.62	0	4	2	92					0	0	0	3
PL.6366	PL.19272	A	1/0ACSR	7.19Y	119.9	0.03	6.08	30.00	15	201	79	93	0.04	0.0	5.161	0.043	0	0	0	48
		B		7.37Y	122.8	-0.01	3.19	0.62	0	4	2	92					0	0	0	3
PL.6367	PL.6366	A	1/0ACSR	7.19Y	119.8	0.09	6.17	30.00	15	201	79	93	0.11	0.1	5.276	0.115	0	0	0	48
		B		7.37Y	122.8	-0.03	3.16	0.62	0	4	2	92					0	0	0	3
035367	PL.6367	B	Consumer	7.37Y	122.8	0.00	3.16	0.22	0	1	1	71	0.00	0.0	5.276	0.000	1	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

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 note: percent Boost= 5.27 Tap= 8.4

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.42Y	123.7	0.00	2.30	1.25	0	9	3	95	0.00	0.0	7.980	0.000	9	3	1	1
036219	PL.25735	A	Consumer	7.42Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	7.980	0.000	0	0	0	0
PL.19477	PL.25735	A	4ACSR	7.42Y	123.7	0.03	2.33	11.21	9	78	30	93	0.02	0.0	8.037	0.057	0	0	0	20
PL.19476	PL.19477	A	4ACSR	7.42Y	123.6	0.05	2.38	10.72	9	74	29	93	0.03	0.0	8.144	0.107	0	0	0	19
0362032	PL.19476	A	Consumer	7.42Y	123.6	0.00	2.38	0.70	0	5	2	93	0.00	0.0	8.144	0.000	5	2	1	1
036221	PL.19476	A	Consumer	7.42Y	123.6	0.00	2.38	0.87	0	6	2	95	0.00	0.0	8.144	0.000	6	2	1	1
PL.25738	PL.19476	A	4ACSR	7.42Y	123.6	0.01	2.38	8.48	7	59	23	93	0.00	0.0	8.159	0.015	0	0	0	16
PD.278-B	PL.25738	A	Closed	7.42Y	123.6	0.00	2.38	8.48	0	59	23	93	0.00	0.0	8.159	0.000	0	0	0	16
PD.278-A	PD.278-B	A	Closed	7.42Y	123.6	0.00	2.38	8.48	0	59	23	93	0.00	0.0	8.159	0.000	0	0	0	16
PL.25737	PD.278-A	A	4ACSR	7.42Y	123.6	0.00	2.39	8.48	7	59	23	93	0.00	0.0	8.162	0.003	0	0	0	16
036218	PL.25737	A	Consumer	7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0	8.162	0.000	0	0	0	0
036229	PL.25737	A	Consumer	7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0	8.162	0.000	0	0	0	0
036216	PL.25737	A	Consumer	7.42Y	123.6	0.00	2.39	0.70	0	5	2	93	0.00	0.0	8.162	0.000	5	2	1	1
PL.23638	PL.25737	A	4ACSR	7.42Y	123.6	0.02	2.41	7.79	7	54	21	93	0.01	0.0	8.218	0.056	0	0	0	15
PL.35668	PL.23638	A	4ACSR	7.42Y	123.6	0.01	2.41	7.79	7	54	21	93	0.00	0.0	8.237	0.019	0	0	0	15
0372023	PL.35668	A	Consumer	7.42Y	123.6	0.00	2.41	0.33	0	2	1	89	0.00	0.0	8.237	0.000	2	1	1	1
PL.35669	PL.35668	A	4ACSR	7.41Y	123.6	0.03	2.44	7.46	6	52	20	93	0.01	0.0	8.318	0.081	0	0	0	14
037211	PL.35669	A	Consumer	7.41Y	123.6	0.00	2.44	0.57	0	4	2	89	0.00	0.0	8.318	0.000	4	2	1	1
037209	PL.35669	A	Consumer	7.41Y	123.6	0.00	2.44	0.67	0	5	2	93	0.00	0.0	8.318	0.000	5	2	1	1
PL.28631	PL.35669	A	4ACSR	7.41Y	123.5	0.05	2.49	6.22	5	43	17	93	0.02	0.0	8.481	0.163	0	0	0	12
PL.28632	PL.28631	A	4ACSR	7.41Y	123.5	0.02	2.50	5.53	5	38	15	93	0.00	0.0	8.545	0.064	0	0	0	10
PL.21122	PL.28632	A	4ACSR	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	8.567	0.021	0	0	0	0
PL.21121	PL.21122	A	4ACSR	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	8.679	0.112	0	0	0	0
PL.21120	PL.21121	A	4ACSR	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	8.713	0.034	0	0	0	0
PL.2097	PL.21120	A	4ACSR	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	8.732	0.020	0	0	0	0
PL.21136	PL.28632	A	4ACSR	7.41Y	123.5	0.01	2.51	5.53	5	38	15	93	0.00	0.0	8.589	0.043	0	0	0	10
PL.21137	PL.21136	A	4ACSR	7.41Y	123.4	0.04	2.55	2.87	2	20	8	93	0.01	0.0	8.883	0.294	0	0	0	6
PL.21119	PL.21137	A	4ACSR	7.41Y	123.4	0.00	2.56	1.23	1	9	3	95	0.00	0.0	8.929	0.047	0	0	0	1
037207	PL.21119	A	Consumer	7.41Y	123.4	0.00	2.56	1.23	0	9	3	95	0.00	0.0	8.929	0.000	9	3	1	1
PL.21138	PL.21137	A	4ACSR	7.41Y	123.4	0.00	2.55	1.64	1	11	4	94	0.00	0.0	8.904	0.021	0	0	0	5
PL.21118	PL.21138	A	4ACSR	7.41Y	123.4	0.00	2.55	0.00	0	0	0	100	0.00	0.0	9.044	0.141	0	0	0	0
037202	PL.21138	A	Consumer	7.41Y	123.4	0.00	2.55	0.62	0	4	2	89	0.00	0.0	8.904	0.000	4	2	1	1
037212	PL.21138	A	Consumer	7.41Y	123.4	0.00	2.55	0.26	0	2	1	89	0.00	0.0	8.904	0.000	2	1	1	1
PL.23277	PL.21138	A	4ACSR	7.41Y	123.4	0.00	2.56	0.75	1	5	2	93	0.00	0.0	9.029	0.125	0	0	0	3
PL.26290	PL.23277	A	4ACSR	7.41Y	123.4	0.00	2.56	0.37	0	3	1	95	0.00	0.0	9.075	0.046	0	0	0	2
PL.2127	PL.26290	A	4ACSR	7.41Y	123.4	0.00	2.56	0.03	0	0	0	100	0.00	0.0	9.136	0.061	0	0	0	1
037217	PL.2127	A	Consumer	7.41Y	123.4	0.00	2.56	0.03	0	0	0	100	0.00	0.0	9.136	0.000	0	0	1	1
PL.26291	PL.26290	A	4ACSR	7.41Y	123.4	0.00	2.56	0.33	0	2	1	89	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\SUMMER\PROPOSED SUMMER 06-10 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	
037206	PL.26291	A	Consumer	7.41Y	123.4	0.00	2.56	0.33	0	2	1	89	0.00	0.0	9.183	0.000	2	1	1	1
037221	PL.23277	A	Consumer	7.41Y	123.4	0.00	2.56	0.39	0	3	1	95	0.00	0.0	9.029	0.000	3	1	1	1
PL.23275	PL.21136	A	4ACSR	7.41Y	123.5	0.00	2.51	0.64	1	4	2	89	0.00	0.0	8.628	0.039	0	0	0	1
PL.23276	PL.23275	A	4ACSR	7.41Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	8.858	0.230	0	0	0	0
037219	PL.23275	A	Consumer	7.41Y	123.5	0.00	2.51	0.64	0	4	2	89	0.00	0.0	8.628	0.000	4	2	1	1
PL.35641	PL.21136	A	4ACSR	7.41Y	123.5	0.00	2.52	2.01	2	14	5	94	0.00	0.0	8.613	0.024	0	0	0	3
PL.35642	PL.35641	A	4ACSR	7.41Y	123.5	0.00	2.52	1.35	1	9	4	91	0.00	0.0	8.667	0.055	0	0	0	2
037220	PL.35642	A	Consumer	7.41Y	123.5	0.00	2.52	1.03	0	7	3	92	0.00	0.0	8.667	0.000	7	3	1	1
037218	PL.35642	A	Consumer	7.41Y	123.5	0.00	2.52	0.32	0	2	1	89	0.00	0.0	8.667	0.000	2	1	1	1
0372022	PL.35641	A	Consumer	7.41Y	123.5	0.00	2.52	0.66	0	5	2	93	0.00	0.0	8.613	0.000	5	2	1	1
037216	PL.28631	A	Consumer	7.41Y	123.5	0.00	2.49	0.09	0	1	0	100	0.00	0.0	8.481	0.000	1	0	1	1
037215	PL.28631	A	Consumer	7.41Y	123.5	0.00	2.49	0.60	0	4	2	89	0.00	0.0	8.481	0.000	4	2	1	1
PL.21113	PL.19476	A	4ACSR	7.42Y	123.6	0.00	2.38	0.67	1	5	2	93	0.00	0.0	8.261	0.117	0	0	0	1
036209	PL.21113	A	Consumer	7.42Y	123.6	0.00	2.38	0.67	0	5	2	93	0.00	0.0	8.261	0.000	5	2	1	1
036222	PL.19477	A	Consumer	7.42Y	123.7	0.00	2.33	0.49	0	3	1	95	0.00	0.0	8.037	0.000	3	1	1	1
PL.23273	PL.25736	A	4ACSR	7.42Y	123.7	0.00	2.26	1.88	2	13	5	93	0.00	0.0	7.960	0.057	0	0	0	5
PL.23274	PL.23273	A	4ACSR	7.42Y	123.7	0.01	2.26	1.87	2	13	5	93	0.00	0.0	8.022	0.062	0	0	0	4
036215	PL.23274	A	Consumer	7.42Y	123.7	0.00	2.26	0.03	0	0	0	100	0.00	0.0	8.022	0.000	0	0	1	1
PL.45143	PL.23274	A	4ACSR	7.42Y	123.7	0.01	2.27	1.84	2	13	5	93	0.00	0.0	8.105	0.083	0	0	0	3
0362033	PL.45143	A	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	8.105	0.000	0	0	0	0
036214	PL.45143	A	Consumer	7.42Y	123.7	0.00	2.27	0.36	0	2	1	89	0.00	0.0	8.105	0.000	2	1	1	1
036213	PL.45143	A	Consumer	7.42Y	123.7	0.00	2.27	0.84	0	6	2	95	0.00	0.0	8.105	0.000	6	2	1	1
PL.45144	PL.45143	A	4ACSR	7.42Y	123.7	0.00	2.27	0.65	1	4	2	89	0.00	0.0	8.160	0.055	0	0	0	1
036210	PL.45144	A	Consumer	7.42Y	123.7	0.00	2.27	0.65	0	4	2	89	0.00	0.0	8.160	0.000	4	2	1	1
036228	PL.23273	A	Consumer	7.42Y	123.7	0.00	2.26	0.01	0	0	0	100	0.00	0.0	7.960	0.000	0	0	1	1
036206	PL.6360	A	Consumer	7.44Y	124.0	0.00	1.96	0.86	0	6	2	95	0.00	0.0	7.478	0.000	6	2	1	1
036204	PL.6360	A	Consumer	7.44Y	124.0	0.00	1.96	0.11	0	1	0	100	0.00	0.0	7.478	0.000	1	0	1	1
036211	PL.20389	A	Consumer	7.48Y	124.6	0.00	1.41	0.28	0	2	1	89	0.00	0.0	6.827	0.000	2	1	1	1
036224	PL.20389	A	Consumer	7.48Y	124.6	0.00	1.41	1.02	0	7	3	92	0.00	0.0	6.827	0.000	7	3	1	1
036223	PL.20389	A	Consumer	7.48Y	124.6	0.00	1.41	1.34	0	9	4	91	0.00	0.0	6.827	0.000	9	4	1	1
0352024	PL.40592	A	Consumer	7.52Y	125.4	0.00	0.59	0.80	0	6	2	95	0.00	0.0	5.973	0.000	6	2	1	1
035222	PL.20449	A	Consumer	7.53Y	125.5	0.00	0.51	0.56	0	4	2	89	0.00	0.0	5.895	0.000	4	2	1	1
035219	PL.20449	A	Consumer	7.53Y	125.5	0.00	0.51	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	125.6	0.00	0.44	0.56	0	4	2	89	0.00	0.0	5.827	0.000	4	2	1	1
035330	PL.19962	A	Consumer	7.55Y	125.8	0.00	0.21	1.25	0	9	3	95	0.00	0.0	5.616	0.000	9	3	1	1
035328	PL.19962	A	Consumer	7.55Y	125.8	0.00	0.21	0.49	0	3	1	95	0.00	0.0	5.616	0.000	3	1	1	1
035337	PL.6369	B	Consumer	7.37Y	122.9	0.00	3.12	0.40	0	3	1	95	0.00	0.0	5.453	0.000	3	1	1	1
035302	PL.6364	B	Consumer	7.37Y	122.8	0.00	3.23	0.24	0	2	1	89	0.00	0.0	4.918	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.2091	PL.25731	B	4ACSR	7.36Y	122.7	0.00	3.25	1.05	1	7	3	92	0.00	0.0	4.843	0.045	0	0	0	1
035349	PL.2091	B	Consumer	7.36Y	122.7	0.00	3.25	1.05	0	7	3	92	0.00	0.0	4.843	0.000	7	3	1	1
035322	PL.25731	B	Consumer	7.36Y	122.7	0.00	3.25	0.62	0	4	2	89	0.00	0.0	4.798	0.000	4	2	1	1
035324	PL.25731	B	Consumer	7.36Y	122.7	0.00	3.25	0.00	0	0	0	100	0.00	0.0	4.798	0.000	0	0	0	0
PL.26157	PL.11975	B	4ACSR	7.36Y	122.7	0.01	3.26	3.28	3	22	9	93	0.00	0.0	4.620	0.050	0	0	0	8
PL.2092	PL.26157	B	4ACSR	7.36Y	122.7	0.00	3.26	1.31	1	9	4	91	0.00	0.0	4.677	0.057	0	0	0	3
035317	PL.2092	B	Consumer	7.36Y	122.7	0.00	3.26	0.91	0	6	2	95	0.00	0.0	4.677	0.000	6	2	1	1
035365	PL.2092	B	Consumer	7.36Y	122.7	0.00	3.26	0.10	0	1	0	100	0.00	0.0	4.677	0.000	1	0	1	1
035318	PL.2092	B	Consumer	7.36Y	122.7	0.00	3.26	0.31	0	2	1	89	0.00	0.0	4.677	0.000	2	1	1	1
PL.2094	PL.26157	B	4ACSR	7.36Y	122.7	0.00	3.26	1.37	1	9	4	91	0.00	0.0	4.649	0.029	0	0	0	2
035315	PL.2094	B	Consumer	7.36Y	122.7	0.00	3.26	0.07	0	0	0	100	0.00	0.0	4.649	0.000	0	0	1	1
035321	PL.2094	B	Consumer	7.36Y	122.7	0.00	3.26	1.30	0	9	3	95	0.00	0.0	4.649	0.000	9	3	1	1
PL.25730	PL.26157	B	4ACSR	7.36Y	122.7	0.00	3.26	0.60	1	4	2	89	0.00	0.0	4.693	0.073	0	0	0	3
035362	PL.25730	B	Consumer	7.36Y	122.7	0.00	3.26	0.01	0	0	0	100	0.00	0.0	4.693	0.000	0	0	1	1
035348	PL.25730	B	Consumer	7.36Y	122.7	0.00	3.26	0.00	0	0	0	100	0.00	0.0	4.693	0.000	0	0	0	0
035356	PL.25730	B	Consumer	7.36Y	122.7	0.00	3.26	0.59	0	4	2	89	0.00	0.0	4.693	0.000	4	2	1	1
035358	PL.25730	B	Consumer	7.36Y	122.7	0.00	3.26	0.00	0	0	0	100	0.00	0.0	4.693	0.000	0	0	1	1
PL.2095	PL.11975	B	4ACSR	7.36Y	122.7	0.00	3.25	0.40	0	3	1	95	0.00	0.0	4.598	0.028	0	0	0	1
035312	PL.2095	B	Consumer	7.36Y	122.7	0.00	3.25	0.40	0	3	1	95	0.00	0.0	4.598	0.000	3	1	1	1
035319	PL.11975	B	Consumer	7.36Y	122.7	0.00	3.25	0.15	0	1	0	100	0.00	0.0	4.570	0.000	1	0	1	1
035335	PL.11975	B	Consumer	7.36Y	122.7	0.00	3.25	0.14	0	1	0	100	0.00	0.0	4.570	0.000	1	0	1	1
035316	PL.11975	B	Consumer	7.36Y	122.7	0.00	3.25	0.35	0	2	1	89	0.00	0.0	4.570	0.000	2	1	1	1
035314	PL.11975	B	Consumer	7.36Y	122.7	0.00	3.25	0.39	0	3	1	95	0.00	0.0	4.570	0.000	3	1	1	1
PL.18055	PL.20576	A	4ACSR	7.24Y	120.7	0.00	5.34	2.11	2	14	6	92	0.00	0.0	4.225	0.006	0	0	0	3
PD.1281	PL.18055	A	fuse6AMP	7.24Y	120.7	0.00	5.34	2.11	36	14	6	92	0.00	0.0	4.225	0.000	0	0	0	3
PL.18056	PD.1281	A	4ACSR	7.24Y	120.6	0.01	5.35	2.11	2	14	6	92	0.00	0.0	4.315	0.090	0	0	0	3
PL.2123	PL.18056	A	4ACSR	7.24Y	120.6	0.00	5.36	2.11	2	14	6	92	0.00	0.0	4.355	0.040	0	0	0	3
036430	PL.2123	A	Consumer	7.24Y	120.6	0.00	5.36	1.12	0	8	3	94	0.00	0.0	4.355	0.000	8	3	1	1
PL.29169	PL.2123	A	4ACSR	7.24Y	120.6	0.00	5.36	0.99	1	7	3	92	0.00	0.0	4.420	0.066	0	0	0	2
PL.2124	PL.29169	A	4ACSR	7.24Y	120.6	0.00	5.36	0.00	0	0	0	100	0.00	0.0	4.488	0.068	0	0	0	0
036416	PL.29169	A	Consumer	7.24Y	120.6	0.00	5.36	0.00	0	0	0	100	0.00	0.0	4.420	0.000	0	0	1	1
036410	PL.29169	A	Consumer	7.24Y	120.6	0.00	5.36	0.99	0	7	3	92	0.00	0.0	4.420	0.000	7	3	1	1
PL.27882	PL.11951	A	1/0ACSR	7.25Y	120.9	0.00	5.15	8.44	4	53	31	86	0.00	0.0	4.089	0.004	0	0	0	2
		B		7.38Y	122.9	0.00	3.08	7.63	4	48	30	85					0	0	0	1
		C		7.45Y	124.1	0.00	1.86	7.60	4	48	30	85					0	0	0	2
PD.287-A	PL.27882	A	Closed	7.25Y	120.9	0.00	5.15	8.44	0	53	31	86	0.00	0.0	4.089	0.000	0	0	0	2
		B		7.38Y	122.9	0.00	3.08	7.63	0	48	30	85					0	0	0	1
		C		7.45Y	124.1	0.00	1.86	7.60	0	48	30	85					0	0	0	2
PD.287-B	PD.287-A	A	Closed	7.25Y	120.9	0.00	5.15	8.44	0	53	31	86	0.00	0.0	4.089	0.000	0	0	0	2
		B		7.38Y	122.9	0.00	3.08	7.63	0	48	30	85					0	0	0	1
		C		7.45Y	124.1	0.00	1.86	7.60	0	48	30	85					0	0	0	2

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, KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. The table lists various electrical elements and their associated voltage drop and loss data.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	% PF	kW Loss							% Loss	
PD.7011-B	PL.19060	A	Open	7.33Y	122.2	0.00	3.85	0.00	0	0	0	0	100	0.00	0.0	3.301	0.000	0	0	0	0
		B		7.42Y	123.7	0.00	2.32	0.00	0	0	0	0	100					0	0	0	0
		C		7.46Y	124.4	0.00	1.60	0.00	0	0	0	0	100					0	0	0	0
PL.27738	PL.18472	B	4ACSR	7.43Y	123.8	0.00	2.22	2.05	2	15	4	97	0.00	0.0	3.187	0.016	0	0	0	0	6
PD.1284	PL.27738	B	fuse6AMP	7.43Y	123.8	0.00	2.22	2.05	35	15	4	97	0.00	0.0	3.187	0.000	0	0	0	0	6
PL.27739	PD.1284	B	4ACSR	7.43Y	123.8	0.00	2.22	2.05	2	15	4	97	0.00	0.0	3.213	0.026	0	0	0	0	6
035406	PL.27739	B	Consumer	7.43Y	123.8	0.00	2.22	0.48	0	3	1	95	0.00	0.0	3.213	0.000	3	1	1	1	
PL.31904	PL.27739	B	4ACSR	7.43Y	123.8	0.00	2.23	1.57	1	11	3	96	0.00	0.0	3.274	0.061	0	0	0	0	5
PL.31905	PL.31904	B	4ACSR	7.43Y	123.8	0.01	2.23	1.57	1	11	3	96	0.00	0.0	3.369	0.094	0	0	0	0	4
PD.3869	PL.31905	B	fuse6AMP	7.43Y	123.8	0.00	2.23	1.57	27	11	3	96	0.00	0.0	3.369	0.000	0	0	0	0	4
PL.31906	PD.3869	B	1/0EPRJCN	7.43Y	123.8	0.01	2.24	1.57	1	11	3	96	0.00	0.0	3.584	0.215	0	0	0	0	4
PL.31907	PL.31906	B	1/0EPRJCN	7.43Y	123.8	0.00	2.24	0.86	0	6	2	95	0.00	0.0	3.655	0.072	0	0	0	0	2
0353072	PL.31907	B	Consumer	7.43Y	123.8	0.00	2.24	0.02	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	2.24	0.85	0	6	2	95	0.00	0.0	3.655	0.000	6	2	1	1	
PL.40636	PL.31906	B	1/0EPRJCN	7.43Y	123.8	0.00	2.24	0.74	0	5	2	93	0.00	0.0	3.640	0.057	0	0	0	0	2
0353074	PL.40636	B	Consumer	7.43Y	123.8	0.00	2.24	0.71	0	5	2	93	0.00	0.0	3.640	0.000	5	2	1	1	
0353075	PL.40636	B	Consumer	7.43Y	123.8	0.00	2.24	0.05	0	0	0	100	0.00	0.0	3.640	0.000	0	0	1	1	
0354104	PL.31904	B	Consumer	7.43Y	123.8	0.00	2.23	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	124.3	0.00	1.73	0.89	1	6	2	95	0.00	0.0	2.696	0.002	0	0	0	0	1
PD.7456	PL.41515	B	fuse6AMP	7.46Y	124.3	0.00	1.73	0.89	15	6	2	95	0.00	0.0	2.696	0.000	0	0	0	0	1
PL.41516	PD.7456	B	2ACSR	7.46Y	124.3	0.00	1.73	0.89	1	6	2	95	0.00	0.0	2.715	0.019	0	0	0	0	1
0344023	PL.41516	B	Consumer	7.46Y	124.3	0.00	1.73	0.89	0	6	2	95	0.00	0.0	2.715	0.000	6	2	1	1	
PL.27975	PL.11279	A	4ACSR	7.40Y	123.4	0.01	2.59	3.48	3	24	9	94	0.00	0.0	2.503	0.059	0	0	0	0	3
PL.27976	PL.27975	A	4ACSR	7.40Y	123.4	0.00	2.60	1.43	1	10	4	93	0.00	0.0	2.538	0.036	0	0	0	0	1
034403	PL.27976	A	Consumer	7.40Y	123.4	0.00	2.60	1.43	0	10	4	93	0.00	0.0	2.538	0.000	10	4	1	1	
034408	PL.27975	A	Consumer	7.40Y	123.4	0.00	2.59	1.64	0	11	4	94	0.00	0.0	2.503	0.000	11	4	1	1	
034420	PL.27975	A	Consumer	7.40Y	123.4	0.00	2.59	0.41	0	3	1	95	0.00	0.0	2.503	0.000	3	1	1	1	
549606	PL.7384	C	Consumer	7.50Y	125.0	0.00	1.03	0.00	0	0	0	100	0.00	0.0	2.260	0.000	0	0	0	0	
034401	PL.7384	C	Consumer	7.50Y	125.0	0.00	1.03	0.32	0	2	1	89	0.00	0.0	2.260	0.000	2	1	1	1	
548503	PL.19727	A	Consumer	7.45Y	124.1	0.00	1.89	0.65	0	4	2	89	0.00	0.0	2.018	0.000	4	2	1	1	
547506	OCD73	C	Consumer	7.51Y	125.2	0.00	0.82	2.40	0	16	8	89	0.00	0.0	1.924	0.000	16	8	1	1	
547502	OCD73	C	Consumer	7.51Y	125.2	0.00	0.82	0.18	0	1	0	100	0.00	0.0	1.924	0.000	1	0	1	1	
547507	OCD73	C	Consumer	7.51Y	125.2	0.00	0.82	0.01	0	0	0	100	0.00	0.0	1.924	0.000	0	0	1	1	
PL.18027	PL.18613	A	2ACSR	7.47Y	124.4	-0.00	1.57	0.10	0	1	0	100	0.00	0.0	1.842	0.013	0	0	0	0	
		B		7.51Y	125.2	0.00	0.84	0.09	0	1	0	93					0	0	0	0	
		C		7.51Y	125.2	0.00	0.76	1.79	1	12	6	90					0	0	0	1	
PL.18026	PL.18027	A	2ACSR	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	1.852	0.009	0	0	0	0	
		B		7.51Y	125.2	0.00	0.84	0.00	0	0	0	100					0	0	0	0	
		C		7.51Y	125.2	0.00	0.76	0.00	0	0	0	100					0	0	0	0	
PD.189-B	PL.18026	A	Open	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	1.852	0.000	0	0	0	0	
		B		7.51Y	125.2	0.00	0.84	0.00	0	0	0	100					0	0	0	0	
		C		7.51Y	125.2	0.00	0.76	0.00	0	0	0	100					0	0	0	0	

Unbalanced Voltage Drop Report
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Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-					Thru KW	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR							KW	% Loss	KW	KVAR
546501	PL.18027	C	Consumer	7.51Y	125.2	0.00	0.76	1.70	0	11	6	88	0.00	0.0	1.842	0.000	11	6	1	1	
546502	PL.18027	A	Consumer	7.47Y	124.4	0.00	1.57	0.10	0	1	0	100	0.00	0.0	1.842	0.000	1	0	0	0	
		B		7.51Y	125.2	0.00	0.84	0.09	0	1	0	93					1	0	0	0	
		C		7.51Y	125.2	0.00	0.76	0.09	0	1	0	93					1	0	0	0	
546507	PL.18027	A	Consumer	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	1.842	0.000	0	0	0	0	
		B		7.51Y	125.2	0.00	0.84	0.00	0	0	0	100					0	0	0	0	
		C		7.51Y	125.2	0.00	0.76	0.00	0	0	0	100					0	0	0	0	
545503	PL.11273	C	Consumer	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	1.685	0.000	0	0	0	0	
545504	PL.11273	C	Consumer	7.52Y	125.3	0.00	0.71	0.37	0	3	1	95	0.00	0.0	1.685	0.000	3	1	1	1	
545502	PL.11273	C	Consumer	7.52Y	125.3	0.00	0.71	0.51	0	4	1	97	0.00	0.0	1.685	0.000	4	1	1	1	
542706	PL.7387	C	Consumer	7.52Y	125.4	0.00	0.62	0.06	0	0	0	100	0.00	0.0	1.383	0.000	0	0	1	1	
542707	PL.7386	B	Consumer	7.52Y	125.3	0.00	0.67	0.41	0	3	1	95	0.00	0.0	1.346	0.000	3	1	1	1	
033480	PL.42182	A	Consumer	7.50Y	125.1	0.00	0.95	2.11	0	13	8	85	0.00	0.0	0.990	0.000	13	8	0	0	
		B		7.53Y	125.5	0.00	0.54	2.10	0	13	8	85					13	8	0	0	
		C		7.53Y	125.5	0.00	0.49	2.10	0	13	8	85					13	8	0	0	
033430	PL.42182	A	Consumer	7.50Y	125.1	0.00	0.95	2.55	0	16	10	85	0.00	0.0	0.990	0.000	16	10	0	0	
		B		7.53Y	125.5	0.00	0.54	2.54	0	16	10	85					16	10	0	0	
		C		7.53Y	125.5	0.00	0.49	2.54	0	16	10	85					16	10	0	0	
PL.23848	PL.26210	A	397ACSR	7.51Y	125.1	0.00	0.87	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	0.50	3.13	1	22	9	93					0	0	0	9	
		C		7.53Y	125.5	-0.00	0.45	0.00	0	0	0	100					0	0	0	0	
033459	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.50	0.58	0	4	2	89	0.00	0.0	0.914	0.000	4	2	1	1	
033457	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.50	0.50	0	3	1	95	0.00	0.0	0.914	0.000	3	1	1	1	
033461	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.50	0.40	0	3	1	95	0.00	0.0	0.914	0.000	3	1	1	1	
033462	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.50	0.31	0	2	1	89	0.00	0.0	0.914	0.000	2	1	1	1	
033458	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.50	0.51	0	4	1	97	0.00	0.0	0.914	0.000	4	1	1	1	
033495	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.50	0.06	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	0.50	0.30	0	2	1	89	0.00	0.0	0.914	0.000	2	1	1	1	
033464	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.50	0.43	0	3	1	95	0.00	0.0	0.914	0.000	3	1	1	1	
033463	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.50	0.05	0	0	0	100	0.00	0.0	0.914	0.000	0	0	1	1	
033456	PL.26210	A	Consumer	7.51Y	125.1	0.00	0.87	0.32	0	2	1	89	0.00	0.0	0.892	0.000	2	1	1	1	
033485	PL.26210	C	Consumer	7.53Y	125.5	0.00	0.46	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	125.1	0.00	0.87	0.44	0	3	1	95	0.00	0.0	0.892	0.000	3	1	1	1	
033453	PL.26210	A	Consumer	7.51Y	125.1	0.00	0.87	0.43	0	3	1	95	0.00	0.0	0.892	0.000	3	1	1	1	
033455	PL.26210	A	Consumer	7.51Y	125.1	0.00	0.87	0.25	0	2	1	89	0.00	0.0	0.892	0.000	2	1	1	1	
033448	PL.24648	A	Consumer	7.51Y	125.2	0.00	0.79	0.34	0	2	1	89	0.00	0.0	0.799	0.000	2	1	1	1	
033447	PL.24648	A	Consumer	7.51Y	125.2	0.00	0.79	0.32	0	2	1	89	0.00	0.0	0.799	0.000	2	1	1	1	
033445	PL.24648	A	Consumer	7.51Y	125.2	0.00	0.79	0.49	0	3	1	95	0.00	0.0	0.799	0.000	3	1	1	1	
033446	PL.24648	A	Consumer	7.51Y	125.2	0.00	0.79	0.76	0	5	2	93	0.00	0.0	0.799	0.000	5	2	1	1	
PL.23867	PL.24648	C	4ACSR	7.53Y	125.6	0.00	0.42	0.07	0	1	0	100	0.00	0.0	0.860	0.060	0	0	0	1	
033427	PL.23867	C	Consumer	7.53Y	125.6	0.00	0.42	0.07	0	1	0	100	0.00	0.0	0.860	0.000	1	0	1	1	
033418	PL.26207	C	Consumer	7.54Y	125.7	0.00	0.35	1.73	0	12	6	89	0.00	0.0	0.674	0.000	12	6	1	1	
033483	PL.26207	B	Consumer	7.54Y	125.6	0.00	0.37	1.88	0	13	5	93	0.00	0.0	0.674	0.000	13	5	1	1	

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 (FRNBURG4) beginning with Device PD.3889.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

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

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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						
PD.264-A	PL.9735	A	Closed	15.05Y	125.4	0.00	0.58	84.96	0	1205	429	94	0.00	0.0	0.144	0.000	0	0	0	613		
		B		15.10Y	125.8	0.00	0.19	40.27	0	590	148	97					0	0	0	281		
		C		15.10Y	125.8	0.00	0.15	31.92	0	473	94	98					0	0	0	180		
PD.264-B	PD.264-A	A	Closed	15.05Y	125.4	0.00	0.58	84.96	0	1205	429	94	0.00	0.0	0.144	0.000	0	0	0	613		
		B		15.10Y	125.8	0.00	0.19	40.27	0	590	148	97					0	0	0	281		
		C		15.10Y	125.8	0.00	0.15	31.92	0	473	94	98					0	0	0	180		
PL.9657	PD.264-B	A	336ACSR	15.03Y	125.3	0.13	0.71	84.96	19	1205	429	94	0.82	0.0	0.416	0.272	0	0	0	613		
		B		15.10Y	125.8	-0.01	0.18	40.27	9	590	148	97					0	0	0	281		
		C		15.10Y	125.8	0.04	0.19	31.92	7	473	94	98					0	0	0	180		
PL.27287	PL.9657	C	4ACSR	15.10Y	125.8	0.00	0.19	0.31	0	4	2	89	0.00	0.0	0.419	0.003	0	0	0	2		
PD.1207	PL.27287	C	fuse6AMP	15.10Y	125.8	0.00	0.19	0.31	5	4	2	89	0.00	0.0	0.419	0.000	0	0	0	2		
PL.27288	PD.1207	C	4ACSR	15.10Y	125.8	0.00	0.19	0.31	0	4	2	89	0.00	0.0	0.461	0.041	0	0	0	2		
032411	PL.27288	C	Consumer	15.10Y	125.8	0.00	0.19	0.30	0	4	2	89	0.00	0.0	0.461	0.000	4	2	1	1		
032491	PL.27288	C	Consumer	15.10Y	125.8	0.00	0.19	0.01	0	0	0	100	0.00	0.0	0.461	0.000	0	0	1	1		
PL.9658	PL.9657	A	336ACSR	15.03Y	125.3	0.03	0.74	84.96	19	1204	427	94	0.21	0.0	0.485	0.069	0	0	0	613		
		B		15.10Y	125.8	-0.00	0.18	40.27	9	590	148	97					0	0	0	281		
		C		15.10Y	125.8	0.01	0.20	31.61	7	468	93	98					0	0	0	178		
PL.9659	PL.9658	A	336ACSR	15.03Y	125.2	0.03	0.77	84.96	19	1204	427	94	0.17	0.0	0.540	0.056	0	0	0	613		
		B		15.10Y	125.8	-0.00	0.18	40.19	9	589	148	97					0	0	0	280		
		C		15.10Y	125.8	0.01	0.20	31.61	7	468	93	98					0	0	0	178		
PL.9660	PL.9659	A	336ACSR	15.01Y	125.1	0.12	0.89	84.96	19	1203	427	94	0.78	0.0	0.800	0.259	0	0	0	613		
		B		15.10Y	125.8	-0.01	0.17	40.19	9	589	148	97					0	0	0	280		
		C		15.09Y	125.8	0.03	0.24	31.30	7	464	91	98					0	0	0	176		
032506	PL.9660	B	Consumer	15.10Y	125.8	0.00	0.17	0.09	0	1	0	100	0.00	0.0	0.800	0.000	1	0	1	1		
PL.9661	PL.9660	A	336ACSR	15.00Y	125.0	0.07	0.96	84.96	19	1203	425	94	0.44	0.0	0.948	0.148	0	0	0	613		
		B		15.10Y	125.8	-0.00	0.17	39.39	9	577	143	97					0	0	0	275		
		C		15.09Y	125.7	0.02	0.26	31.30	7	463	91	98					0	0	0	176		
PL.9662	PL.9661	A	336ACSR	15.00Y	125.0	0.05	1.01	84.96	19	1202	424	94	0.29	0.0	1.046	0.098	0	0	0	613		
		B		15.10Y	125.8	-0.00	0.16	39.14	9	574	141	97					0	0	0	273		
		C		15.09Y	125.7	0.01	0.27	31.30	7	463	91	98					0	0	0	176		
PL.9663	PL.9662	A	336ACSR	14.99Y	124.9	0.07	1.08	83.95	19	1188	418	94	0.42	0.0	1.191	0.145	0	0	0	610		
		B		15.10Y	125.8	-0.00	0.16	39.14	9	574	141	97					0	0	0	273		
		C		15.09Y	125.7	0.02	0.29	31.30	7	463	91	98					0	0	0	176		
PL.18042	PL.9663	A	4ACSR	14.99Y	124.9	0.00	1.08	1.61	1	23	9	93	0.00	0.0	1.197	0.006	0	0	0	14		
PD.1199	PL.18042	A	fuse6AMP	14.99Y	124.9	0.00	1.08	1.61	28	23	9	93	0.00	0.0	1.197	0.000	0	0	0	14		
PL.18043	PD.1199	A	4ACSR	14.99Y	124.9	0.00	1.08	1.61	1	23	9	93	0.00	0.0	1.230	0.033	0	0	0	14		
PL.9664	PL.18043	A	4ACSR	14.99Y	124.9	0.00	1.08	1.43	1	20	8	93	0.00	0.0	1.270	0.040	0	0	0	12		
032532	PL.9664	A	Consumer	14.99Y	124.9	0.00	1.08	0.18	0	2	1	89	0.00	0.0	1.270	0.000	2	1	1	1		
032561	PL.9664	A	Consumer	14.99Y	124.9	0.00	1.08	0.04	0	1	0	100	0.00	0.0	1.270	0.000	1	0	1	1		
PL.9665	PL.9664	A	4ACSR	14.99Y	124.9	0.00	1.08	1.21	1	17	7	92	0.00	0.0	1.331	0.061	0	0	0	10		
PL.6289	PL.9665	A	4ACSR	14.99Y	124.9	0.00	1.08	0.37	0	5	2	93	0.00	0.0	1.349	0.018	0	0	0	3		
PL.6290	PL.6289	A	4ACSR	14.99Y	124.9	0.00	1.08	0.15	0	2	1	89	0.00	0.0	1.404	0.055	0	0	0	2		
032544	PL.6290	A	Consumer	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.404	0.000	0	0	0	0		
032547	PL.6290	A	Consumer	14.99Y	124.9	0.00	1.08	0.13	0	2	1	89	0.00	0.0	1.404	0.000	2	1	1	1		
032505	PL.6290	A	Consumer	14.99Y	124.9	0.00	1.08	0.03	0	0	0	100	0.00	0.0	1.404	0.000	0	0	1	1		
032560	PL.6289	A	Consumer	14.99Y	124.9	0.00	1.08	0.21	0	3	1	95	0.00	0.0	1.349	0.000	3	1	1	1		
PL.9666	PL.9665	A	4ACSR	14.99Y	124.9	0.00	1.08	0.84	1	12	5	92	0.00	0.0	1.420	0.089	0	0	0	7		

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

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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							
032541	PL.9666	A	Consumer	14.99Y	124.9	0.00	1.08	0.32	0	4	2	89	0.00	0.0	1.420	0.000	4	2	1	1
032549	PL.9666	A	Consumer	14.99Y	124.9	0.00	1.08	0.01	0	0	0	100	0.00	0.0	1.420	0.000	0	0	1	1
032545	PL.9666	A	Consumer	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.420	0.000	0	0	1	1
PL.9667	PL.9666	A	4ACSR	14.99Y	124.9	0.00	1.08	0.51	0	7	3	92	0.00	0.0	1.474	0.054	0	0	0	4
PL.9668	PL.9667	A	4ACSR	14.99Y	124.9	0.00	1.08	0.17	0	2	1	89	0.00	0.0	1.849	0.376	0	0	0	3
031504	PL.9668	A	Consumer	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.849	0.000	0	0	1	1
PL.4880	PL.9668	A	4ACSR	14.99Y	124.9	0.00	1.08	0.17	0	2	1	89	0.00	0.0	1.938	0.089	0	0	0	2
PL.4881	PL.4880	A	4ACSR	14.99Y	124.9	0.00	1.08	0.17	0	2	1	89	0.00	0.0	2.002	0.065	0	0	0	1
031507	PL.4881	A	Consumer	14.99Y	124.9	0.00	1.08	0.17	0	2	1	89	0.00	0.0	2.002	0.000	2	1	1	1
PL.40917	PL.4881	A	2ACSR	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	2.138	0.135	0	0	0	0
0315008	PL.40917	A	Consumer	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	2.138	0.000	0	0	0	0
031506	PL.4880	A	Consumer	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.938	0.000	0	0	1	1
PL.1732	PL.9667	A	4ACSR	14.99Y	124.9	0.00	1.08	0.34	0	5	2	93	0.00	0.0	1.558	0.084	0	0	0	1
031502	PL.1732	A	Consumer	14.99Y	124.9	0.00	1.08	0.34	0	5	2	93	0.00	0.0	1.558	0.000	5	2	1	1
032533	PL.18043	A	Consumer	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.230	0.000	0	0	1	1
032553	PL.18043	A	Consumer	14.99Y	124.9	0.00	1.08	0.18	0	3	1	95	0.00	0.0	1.230	0.000	3	1	1	1
PL.18044	PL.9663	C	4ACSR	15.09Y	125.7	0.00	0.29	0.22	0	3	1	95	0.00	0.0	1.199	0.008	0	0	0	1
PD.1204	PL.18044	C	fuse6AMP	15.09Y	125.7	0.00	0.29	0.22	4	3	1	95	0.00	0.0	1.199	0.000	0	0	0	1
PL.18045	PD.1204	C	4ACSR	15.09Y	125.7	0.00	0.29	0.22	0	3	1	95	0.00	0.0	1.266	0.067	0	0	0	1
032528	PL.18045	C	Consumer	15.09Y	125.7	0.00	0.29	0.22	0	3	1	95	0.00	0.0	1.266	0.000	3	1	1	1
PL.9669	PL.9663	A	336ACSR	14.98Y	124.8	0.11	1.19	82.33	19	1165	408	94	0.69	0.0	1.435	0.245	0	0	0	596
		B		15.10Y	125.8	-0.01	0.16	39.14	9	574	141	97					0	0	0	273
		C		15.08Y	125.7	0.03	0.32	31.08	7	460	90	98					0	0	0	175
PL.18050	PL.9669	A	4ACSR	14.98Y	124.8	0.00	1.19	1.56	1	22	9	93	0.00	0.0	1.442	0.006	0	0	0	11
PD.1202	PL.18050	A	fuse6AMP	14.98Y	124.8	0.00	1.19	1.56	27	22	9	93	0.00	0.0	1.442	0.000	0	0	0	11
PL.18051	PD.1202	A	4ACSR	14.98Y	124.8	0.00	1.19	1.56	1	22	9	93	0.00	0.0	1.511	0.069	0	0	0	11
PL.1733	PL.18051	A	4ACSR	14.98Y	124.8	0.00	1.19	0.24	0	3	1	95	0.00	0.0	1.607	0.097	0	0	0	2
032527	PL.1733	A	Consumer	14.98Y	124.8	0.00	1.19	0.04	0	1	0	100	0.00	0.0	1.607	0.000	1	0	1	1
032529	PL.1733	A	Consumer	14.98Y	124.8	0.00	1.19	0.00	0	0	0	100	0.00	0.0	1.607	0.000	0	0	0	0
032516	PL.1733	A	Consumer	14.98Y	124.8	0.00	1.19	0.19	0	3	1	95	0.00	0.0	1.607	0.000	3	1	1	1
032554	PL.18051	A	Consumer	14.98Y	124.8	0.00	1.19	0.06	0	1	0	100	0.00	0.0	1.511	0.000	1	0	1	1
032534	PL.18051	A	Consumer	14.98Y	124.8	0.00	1.19	0.00	0	0	0	100	0.00	0.0	1.511	0.000	0	0	0	0
032555	PL.18051	A	Consumer	14.98Y	124.8	0.00	1.19	0.20	0	3	1	95	0.00	0.0	1.511	0.000	3	1	1	1
032515	PL.18051	A	Consumer	14.98Y	124.8	0.00	1.19	0.13	0	2	1	89	0.00	0.0	1.511	0.000	2	1	1	1
PL.19536	PL.18051	A	4ACSR	14.98Y	124.8	0.00	1.19	0.93	1	13	5	93	0.00	0.0	1.570	0.059	0	0	0	6
032526	PL.19536	A	Consumer	14.98Y	124.8	0.00	1.19	0.16	0	2	1	89	0.00	0.0	1.570	0.000	2	1	1	1
PL.19537	PL.19536	A	4ACSR	14.98Y	124.8	0.00	1.19	0.77	1	11	4	94	0.00	0.0	1.647	0.077	0	0	0	5
PL.4876	PL.19537	A	4ACSR	14.98Y	124.8	0.00	1.19	0.71	1	10	4	93	0.00	0.0	1.767	0.120	0	0	0	4
032514	PL.4876	A	Consumer	14.98Y	124.8	0.00	1.19	0.09	0	1	0	100	0.00	0.0	1.767	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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			
032512	PL.4876	A	Consumer	14.98Y	124.8	0.00	1.19	0.20	0	3	1	95	0.00	0.0	1.767	0.000	3	1	1	1
032520	PL.4876	A	Consumer	14.98Y	124.8	0.00	1.19	0.25	0	4	1	97	0.00	0.0	1.767	0.000	4	1	1	1
PL.4872	PL.4876	A	4ACSR	14.98Y	124.8	0.00	1.19	0.18	0	2	1	89	0.00	0.0	1.858	0.091	0	0	0	1
032530	PL.4872	A	Consumer	14.98Y	124.8	0.00	1.19	0.18	0	2	1	89	0.00	0.0	1.858	0.000	2	1	1	1
032513	PL.4872	A	Consumer	14.98Y	124.8	0.00	1.19	0.00	0	0	0	100	0.00	0.0	1.858	0.000	0	0	0	0
032507	PL.19537	A	Consumer	14.98Y	124.8	0.00	1.19	0.06	0	1	0	100	0.00	0.0	1.647	0.000	1	0	1	1
032504	PL.19537	A	Consumer	14.98Y	124.8	0.00	1.19	0.00	0	0	0	100	0.00	0.0	1.647	0.000	0	0	0	0
PL.9670	PL.9669	A B C	336ACSR	14.98Y 15.10Y 15.08Y	124.8 125.8 125.7	0.00 0.00 0.00	1.19 0.16 0.32	79.92 39.14 31.08	18 9 7	1130 574 460	394 141 90	94 97 98	0.00 0.0 0.0	0.0 0.0 0.0	1.435	0.000	0 0 0	0 0 0	0 0 0	582 273 175
PL.9671	PL.9670	A B C	336ACSR	14.98Y 15.10Y 15.08Y	124.8 125.8 125.7	0.02 -0.00 0.01	1.21 0.15 0.33	79.92 39.14 31.08	18 9 7	1130 574 460	394 141 90	94 97 98	0.12 0.0 0.0	0.0 0.0 0.0	1.482	0.046	0 0 0	0 0 0	0 0 0	582 273 175
PL.18248	PL.9671	A B C	336ACSR	14.97Y 15.10Y 15.08Y	124.7 125.8 125.7	0.07 -0.00 0.02	1.27 0.15 0.34	79.43 39.14 30.26	18 9 7	1123 574 448	391 141 85	94 97 98	0.40 0.0 0.0	0.0 0.0 0.0	1.634	0.152	0 0 0	0 0 0	0 0 0	581 273 171
032550	PL.18248	B	Consumer	15.10Y	125.8	0.00	0.15	0.22	0	3	1	95	0.00	0.0	1.634	0.000	3	1	1	1
PL.18249	PL.18248	A B C	336ACSR	14.96Y 15.10Y 15.08Y	124.7 125.8 125.6	0.05 -0.00 0.02	1.33 0.15 0.36	79.43 38.92 30.26	18 9 7	1123 571 448	390 139 85	94 97 98	0.33 0.0 0.0	0.0 0.0 0.0	1.759	0.126	0 0 0	0 0 0	0 0 0	581 272 171
PL.9672	PL.18249	A B C	336ACSR	14.96Y 15.10Y 15.08Y	124.6 125.9 125.6	0.03 -0.00 0.01	1.36 0.15 0.37	79.43 38.92 30.26	18 9 7	1123 571 448	389 139 85	94 97 98	0.17 0.0 0.0	0.0 0.0 0.0	1.823	0.063	0 0 0	0 0 0	0 0 0	581 272 171
PL.19287	PL.9672	A B C	336ACSR	14.95Y 15.10Y 15.07Y	124.6 125.9 125.6	0.06 -0.00 0.02	1.41 0.15 0.38	78.92 38.92 30.26	18 9 7	1115 571 448	386 139 85	94 97 98	0.34 0.0 0.0	0.0 0.0 0.0	1.953	0.130	0 0 0	0 0 0	0 0 0	578 272 171
PL.28018	PL.19287	A B C	336ACSR	14.95Y 15.10Y 15.07Y	124.6 125.9 125.6	0.02 -0.00 0.01	1.43 0.15 0.39	78.92 38.89 30.26	18 9 7	1115 571 448	386 139 85	94 97 98	0.13 0.0 0.0	0.0 0.0 0.0	2.002	0.049	0 0 0	0 0 0	0 0 0	578 271 171
032628	PL.28018	B	Consumer	15.10Y	125.9	0.00	0.15	0.00	0	0	0	100	0.00	0.0	2.002	0.000	0	0	1	1
PL.28019	PL.28018	A B C	336ACSR	14.95Y 15.10Y 15.07Y	124.5 125.9 125.6	0.02 -0.00 0.01	1.45 0.15 0.39	78.92 38.88 30.26	18 9 7	1115 571 448	385 139 85	95 97 98	0.13 0.0 0.0	0.0 0.0 0.0	2.050	0.048	0 0 0	0 0 0	0 0 0	578 270 171
032632	PL.28019	A	Consumer	14.95Y	124.5	0.00	1.45	0.13	0	2	1	89	0.00	0.0	2.050	0.000	2	1	1	1
032630	PL.28019	A	Consumer	14.95Y	124.5	0.00	1.45	0.06	0	1	0	100	0.00	0.0	2.050	0.000	1	0	1	1
032604	PL.28019	A	Consumer	14.95Y	124.5	0.00	1.45	0.06	0	1	0	100	0.00	0.0	2.050	0.000	1	0	1	1
PL.9673	PL.28019	A B C	336ACSR	14.94Y 15.10Y 15.07Y	124.5 125.9 125.6	0.04 -0.00 0.01	1.49 0.15 0.40	78.33 38.88 30.26	18 9 7	1107 571 448	382 139 85	95 97 98	0.23 0.0 0.0	0.0 0.0 0.0	2.139	0.089	0 0 0	0 0 0	0 0 0	573 270 171
PL.24636	PL.9673	A B C	1/0ACSR	14.92Y 15.10Y 15.07Y	124.3 125.8 125.6	0.16 0.03 0.04	1.65 0.17 0.44	78.33 38.88 26.43	39 19 13	1106 571 393	381 139 64	95 97 99	1.37 0.1 0.1	0.1 0.0 0.0	2.318	0.179	0 0 0	0 0 0	0 0 0	573 270 145
PL.9684	PL.24636	A B C	1/0ACSR	14.89Y 15.10Y 15.06Y	124.1 125.8 125.5	0.23 0.04 0.05	1.89 0.21 0.49	77.95 38.88 26.43	39 19 13	1100 571 393	378 138 64	95 97 99	1.95 0.1 0.1	0.1 0.0 0.0	2.574	0.255	0 0 0	0 0 0	0 0 0	571 270 145
PL.16834	PL.9684	A	4ACSR	14.89Y	124.1	0.00	1.89	0.21	0	3	1	95	0.00	0.0	2.576	0.003	0	0	0	3
PD.1186	PL.16834	A	fuse6AMP	14.89Y	124.1	0.00	1.89	0.21	4	3	1	95	0.00	0.0	2.576	0.000	0	0	0	3
PL.16835	PD.1186	A	4ACSR	14.89Y	124.1	0.00	1.89	0.21	0	3	1	95	0.00	0.0	2.646	0.070	0	0	0	3
PL.24637	PL.16835	A	4ACSR	14.89Y	124.1	0.00	1.89	0.12	0	2	1	89	0.00	0.0	2.711	0.064	0	0	0	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.24638, PL.6265, 031601, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Length (mi)							KW	KVAR		
030612	PL.1592	B	Consumer	15.05Y	125.4	0.00	0.60	0.01	0	0	0	100	0.00	0.0	5.753	0.000	0	0	1	1	
PL.1594	PL.10410	B	4ACSR	15.05Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	5.687	0.080	0	0	0	0	
030627	PL.1594	B	Consumer	15.05Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	5.687	0.000	0	0	0	0	
030622	PL.10410	B	Consumer	15.05Y	125.4	0.00	0.60	0.18	0	2	1	89	0.00	0.0	5.607	0.000	2	1	1	1	
030621	PL.10410	B	Consumer	15.05Y	125.4	0.00	0.60	0.37	0	5	2	93	0.00	0.0	5.607	0.000	5	2	1	1	
PL.10411	PL.10410	B	4ACSR	15.05Y	125.4	0.01	0.61	2.61	2	37	14	94	0.00	0.0	5.846	0.238	0	0	0	11	
030611	PL.10411	B	Consumer	15.05Y	125.4	0.00	0.61	0.09	0	1	0	100	0.00	0.0	5.846	0.000	1	0	1	1	
PL.6268	PL.10411	B	4ACSR	15.05Y	125.4	0.00	0.61	2.52	2	35	14	93	0.00	0.0	5.892	0.047	0	0	0	10	
PL.10412	PL.6268	B	4ACSR	15.05Y	125.4	0.00	0.62	2.52	2	35	14	93	0.00	0.0	5.965	0.072	0	0	0	10	
030518	PL.10412	B	Consumer	15.05Y	125.4	0.00	0.62	0.13	0	2	1	89	0.00	0.0	5.965	0.000	2	1	1	1	
030517	PL.10412	B	Consumer	15.05Y	125.4	0.00	0.62	0.26	0	4	1	97	0.00	0.0	5.965	0.000	4	1	1	1	
PL.10413	PL.10412	B	4ACSR	15.04Y	125.4	0.01	0.63	2.13	2	30	12	93	0.00	0.0	6.100	0.135	0	0	0	8	
030501	PL.10413	B	Consumer	15.04Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	6.100	0.000	0	0	0	0	
PL.6037	PL.10413	B	4ACSR	15.04Y	125.4	0.00	0.63	2.13	2	30	12	93	0.00	0.0	6.197	0.098	0	0	0	8	
030509	PL.6037	B	Consumer	15.04Y	125.4	0.00	0.63	0.26	0	4	1	97	0.00	0.0	6.197	0.000	4	1	1	1	
PL.10415	PL.6037	B	4ACSR	15.04Y	125.4	0.00	0.63	1.87	2	26	10	93	0.00	0.0	6.242	0.045	0	0	0	7	
PL.19288	PL.10415	B	4ACSR	15.04Y	125.4	0.00	0.63	1.59	1	22	9	93	0.00	0.0	6.278	0.036	0	0	0	6	
PL.19289	PL.19288	B	4ACSR	15.04Y	125.4	0.00	0.64	1.59	1	22	9	93	0.00	0.0	6.364	0.086	0	0	0	6	
PL.10414	PL.19289	B	4ACSR	15.04Y	125.4	0.00	0.64	0.00	0	0	0	100	0.00	0.0	6.538	0.174	0	0	0	0	
PL.4882	PL.10414	B	4ACSR	15.04Y	125.4	0.00	0.64	0.00	0	0	0	100	0.00	0.0	6.863	0.325	0	0	0	0	
031501	PL.4882	B	Consumer	15.04Y	125.4	0.00	0.64	0.00	0	0	0	100	0.00	0.0	6.863	0.000	0	0	0	0	
031503	PL.10414	B	Consumer	15.04Y	125.4	0.00	0.64	0.00	0	0	0	100	0.00	0.0	6.538	0.000	0	0	0	0	
PL.6036	PL.19289	B	4ACSR	15.04Y	125.4	0.00	0.64	1.59	1	22	9	93	0.00	0.0	6.458	0.093	0	0	0	6	
PL.27994	PL.6036	B	4ACSR	15.04Y	125.4	0.00	0.64	1.59	1	22	9	93	0.00	0.0	6.553	0.095	0	0	0	6	
030516	PL.27994	B	Consumer	15.04Y	125.4	0.00	0.64	0.20	0	3	1	95	0.00	0.0	6.553	0.000	3	1	1	1	
PL.27995	PL.27994	B	4ACSR	15.04Y	125.4	0.00	0.65	1.39	1	19	8	92	0.00	0.0	6.621	0.068	0	0	0	5	
PL.10416	PL.27995	B	4ACSR	15.04Y	125.4	0.00	0.65	1.39	1	19	8	92	0.00	0.0	6.645	0.024	0	0	0	5	
PL.10418	PL.10416	B	4ACSR	15.04Y	125.4	0.00	0.65	0.59	0	8	3	94	0.00	0.0	6.700	0.055	0	0	0	4	
PL.6038	PL.10418	B	4ACSR	15.04Y	125.4	0.00	0.65	0.33	0	5	2	93	0.00	0.0	6.824	0.124	0	0	0	3	
PL.6039	PL.6038	B	4ACSR	15.04Y	125.4	0.00	0.65	0.30	0	4	2	89	0.00	0.0	6.876	0.052	0	0	0	2	
PL.6287	PL.6039	B	4ACSR	15.04Y	125.4	0.00	0.65	0.30	0	4	2	89	0.00	0.0	6.908	0.032	0	0	0	2	
PL.6288	PL.6287	B	4ACSR	15.04Y	125.4	0.00	0.65	0.12	0	2	1	89	0.00	0.0	6.945	0.037	0	0	0	1	
030523	PL.6288	B	Consumer	15.04Y	125.4	0.00	0.65	0.12	0	2	1	89	0.00	0.0	6.945	0.000	2	1	1	1	
PL.45886	PL.6287	B	2ACSR	15.04Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	6.936	0.028	0	0	0	0	
PL.45887	PL.45886	B	2ACSR	15.04Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	6.988	0.052	0	0	0	0	
0305031	PL.45887	B	Consumer	15.04Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	6.988	0.000	0	0	0	0	
030511	PL.6287	B	Consumer	15.04Y	125.4	0.00	0.65	0.19	0	3	1	95	0.00	0.0	6.908	0.000	3	1	1	1	
030508	PL.6038	B	Consumer	15.04Y	125.4	0.00	0.65	0.03	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\SUMMER\PROPOSED SUMMER 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, PL.6271, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.1818, PL.10422, PL.23025, PL.41088, PD.253-A, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.18341	PD.256-B	A	4ACSR	14.86Y	123.8	0.11	2.20	22.58	19	307	136	91	0.25	0.1	6.368	0.203	0	0	0	181
PL.6272	PL.18341	A	4ACSR	14.85Y	123.8	0.03	2.23	22.33	19	303	135	91	0.07	0.0	6.427	0.059	0	0	0	179
031809	PL.6272	A	Consumer	14.85Y	123.8	0.00	2.23	0.03	0	0	0	100	0.00	0.0	6.427	0.000	0	0	1	1
PL.10424	PL.6272	A	4ACSR	14.84Y	123.7	0.10	2.33	22.30	19	303	135	91	0.22	0.1	6.614	0.187	0	0	0	178
PL.11040	PL.10424	A	4ACSR	14.84Y	123.7	0.01	2.33	21.90	18	297	132	91	0.01	0.0	6.624	0.010	0	0	0	175
PD.3405	PL.11040	A	50E	14.84Y	123.7	0.00	2.33	21.90	44	297	132	91	0.00	0.0	6.624	0.000	0	0	0	175
PL.10974	PD.3405	A	4ACSR	14.84Y	123.7	0.02	2.35	21.90	18	297	132	91	0.04	0.0	6.659	0.035	0	0	0	175
PL.28224	PL.10974	A	4ACSR	14.83Y	123.6	0.08	2.42	21.61	18	293	131	91	0.17	0.1	6.812	0.153	0	0	0	172
PL.21833	PL.28224	A	4ACSR	14.82Y	123.5	0.07	2.49	21.59	18	292	130	91	0.15	0.1	6.946	0.134	0	0	0	170
PL.43363	PL.21833	A	4ACSR	14.82Y	123.5	0.00	2.49	0.07	0	1	0	100	0.00	0.0	6.965	0.018	0	0	0	1
PD.3852	PL.43363	A	fuse6AMP	14.82Y	123.5	0.00	2.49	0.07	1	1	0	100	0.00	0.0	6.965	0.000	0	0	0	1
PL.43364	PD.3852	A	4ACSR	14.82Y	123.5	0.00	2.49	0.07	0	1	0	100	0.00	0.0	7.116	0.152	0	0	0	1
030851	PL.43364	A	Consumer	14.82Y	123.5	0.00	2.49	0.07	0	1	0	100	0.00	0.0	7.116	0.000	1	0	1	1
PL.21834	PL.21833	A	4ACSR	14.82Y	123.5	0.02	2.51	21.52	18	291	130	91	0.05	0.0	6.988	0.041	0	0	0	169
PL.21835	PL.21834	A	4ACSR	14.80Y	123.3	0.15	2.66	21.51	18	291	130	91	0.33	0.1	7.291	0.303	0	0	0	168
PL.21836	PL.21835	A	4ACSR	14.80Y	123.3	0.01	2.68	21.49	18	290	129	91	0.03	0.0	7.320	0.029	0	0	0	167
PL.21656	PL.21836	A	4ACSR	14.79Y	123.3	0.04	2.72	21.49	18	290	129	91	0.08	0.0	7.396	0.077	0	0	0	167
PD.408-A	PL.21656	A	Closed	14.79Y	123.3	0.00	2.72	21.49	0	290	129	91	0.00	0.0	7.396	0.000	0	0	0	167
PD.408-B	PD.408-A	A	Closed	14.79Y	123.3	0.00	2.72	21.49	0	290	129	91	0.00	0.0	7.396	0.000	0	0	0	167
PL.21657	PD.408-B	A	4ACSR	14.79Y	123.3	0.00	2.72	21.49	18	290	129	91	0.00	0.0	7.399	0.003	0	0	0	167
459824	PL.21657	A	Consumer	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	7.399	0.000	0	0	1	1
PL.21837	PL.21657	A	4ACSR	14.79Y	123.3	0.02	2.74	21.49	18	290	129	91	0.05	0.0	7.446	0.047	0	0	0	166
PL.21142	PL.21837	A	4ACSR	14.79Y	123.3	0.00	2.74	0.13	0	2	1	89	0.00	0.0	7.505	0.059	0	0	0	4
459837	PL.21142	A	Consumer	14.79Y	123.3	0.00	2.74	0.09	0	1	0	100	0.00	0.0	7.505	0.000	1	0	1	1
PL.21143	PL.21142	A	4ACSR	14.79Y	123.3	0.00	2.74	0.04	0	1	0	100	0.00	0.0	7.539	0.033	0	0	0	3
459812	PL.21143	A	Consumer	14.79Y	123.3	0.00	2.74	0.02	0	0	0	100	0.00	0.0	7.539	0.000	0	0	1	1
459813	PL.21143	A	Consumer	14.79Y	123.3	0.00	2.74	0.01	0	0	0	100	0.00	0.0	7.539	0.000	0	0	1	1
459814	PL.21143	A	Consumer	14.79Y	123.3	0.00	2.74	0.01	0	0	0	100	0.00	0.0	7.539	0.000	0	0	1	1
PL.22256	PL.21837	A	4ACSR	14.79Y	123.3	0.00	2.74	0.93	1	13	5	93	0.00	0.0	7.495	0.049	0	0	0	4
PD.1054	PL.22256	A	fuse6AMP	14.79Y	123.3	0.00	2.74	0.93	16	13	5	93	0.00	0.0	7.495	0.000	0	0	0	4
PL.22257	PD.1054	A	4ACSR	14.79Y	123.3	0.00	2.74	0.93	1	13	5	93	0.00	0.0	7.585	0.090	0	0	0	4
PL.22513	PL.22257	A	4ACSR	14.79Y	123.3	0.00	2.74	0.75	1	10	4	93	0.00	0.0	7.670	0.085	0	0	0	3
PL.39608	PL.22513	A	2ACSR	14.79Y	123.3	0.00	2.74	0.23	0	3	1	95	0.00	0.0	7.702	0.032	0	0	0	1
4598038	PL.39608	A	Consumer	14.79Y	123.3	0.00	2.74	0.23	0	3	1	95	0.00	0.0	7.702	0.000	3	1	1	1
459825	PL.22513	A	Consumer	14.79Y	123.3	0.00	2.74	0.07	0	1	0	100	0.00	0.0	7.670	0.000	1	0	1	1
PL.22458	PL.22513	A	4ACSR	14.79Y	123.3	0.00	2.74	0.44	0	6	2	95	0.00	0.0	7.716	0.046	0	0	0	1
PL.23083	PL.22458	A	4ACSR	14.79Y	123.3	0.00	2.75	0.44	0	6	2	95	0.00	0.0	8.043	0.327	0	0	0	1
459701	PL.23083	A	Consumer	14.79Y	123.3	0.00	2.75	0.44	0	6	2	95	0.00	0.0	8.043	0.000	6	2	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
459827	PL.22257	A	Consumer	14.79Y	123.3	0.00	2.74	0.18	0	2	1	89	0.00	0.0	7.585	0.000	2	1	1	1
PL.21654	PL.21837	A	4ACSR	14.79Y	123.2	0.05	2.79	20.43	17	276	124	91	0.10	0.0	7.548	0.102	0	0	0	158
PL.21655	PL.21654	A	4ACSR	14.79Y	123.2	0.00	2.79	20.43	17	276	124	91	0.01	0.0	7.555	0.007	0	0	0	158
PL.21838	PL.21655	A	4ACSR	14.78Y	123.2	0.01	2.80	19.97	17	269	121	91	0.01	0.0	7.570	0.015	0	0	0	152
459834	PL.21838	A	Consumer	14.78Y	123.2	0.00	2.80	0.00	0	0	0	100	0.00	0.0	7.570	0.000	0	0	0	0
459816	PL.21838	A	Consumer	14.78Y	123.2	0.00	2.80	0.06	0	1	0	100	0.00	0.0	7.570	0.000	1	0	1	1
459815	PL.21838	A	Consumer	14.78Y	123.2	0.00	2.80	0.04	0	1	0	100	0.00	0.0	7.570	0.000	1	0	1	1
459823	PL.21838	A	Consumer	14.78Y	123.2	0.00	2.80	0.06	0	1	0	100	0.00	0.0	7.570	0.000	1	0	1	1
PL.21839	PL.21838	A	4ACSR	14.78Y	123.2	0.03	2.83	19.81	17	267	120	91	0.06	0.0	7.637	0.066	0	0	0	149
PL.21840	PL.21839	A	4ACSR	14.77Y	123.1	0.06	2.88	19.36	16	261	118	91	0.11	0.0	7.763	0.126	0	0	0	145
PL.19314	PL.21840	A	4ACSR	14.77Y	123.1	0.04	2.92	19.36	16	261	118	91	0.07	0.0	7.844	0.081	0	0	0	145
459804	PL.19314	A	Consumer	14.77Y	123.1	0.00	2.92	0.19	0	3	1	95	0.00	0.0	7.844	0.000	3	1	1	1
459808	PL.19314	A	Consumer	14.77Y	123.1	0.00	2.92	0.22	0	3	1	95	0.00	0.0	7.844	0.000	3	1	1	1
PL.19315	PL.19314	A	4ACSR	14.76Y	123.0	0.04	2.96	18.95	16	255	115	91	0.07	0.0	7.930	0.086	0	0	0	143
459809	PL.19315	A	Consumer	14.76Y	123.0	0.00	2.96	0.03	0	0	0	100	0.00	0.0	7.930	0.000	0	0	1	1
459810	PL.19315	A	Consumer	14.76Y	123.0	0.00	2.96	0.02	0	0	0	100	0.00	0.0	7.930	0.000	0	0	1	1
459807	PL.19315	A	Consumer	14.76Y	123.0	0.00	2.96	0.05	0	1	0	100	0.00	0.0	7.930	0.000	1	0	1	1
PL.17995	PL.19315	A	4ACSR	14.76Y	123.0	0.01	2.97	18.85	16	253	115	91	0.03	0.0	7.961	0.031	0	0	0	140
PL.7003	PL.17995	A	4ACSR	14.76Y	123.0	0.02	2.99	18.83	16	253	115	91	0.03	0.0	8.000	0.039	0	0	0	139
459805	PL.7003	A	Consumer	14.76Y	123.0	0.00	2.99	0.05	0	1	0	100	0.00	0.0	8.000	0.000	1	0	1	1
PL.10425	PL.7003	A	4ACSR	14.75Y	122.9	0.06	3.05	18.79	16	253	115	91	0.12	0.0	8.142	0.142	0	0	0	138
458803	PL.10425	A	Consumer	14.75Y	122.9	0.00	3.05	0.00	0	0	0	100	0.00	0.0	8.142	0.000	0	0	1	1
PL.20573	PL.10425	A	4ACSR	14.75Y	122.9	0.00	3.06	18.79	16	252	114	91	0.01	0.0	8.152	0.011	0	0	0	137
PD.407-A	PL.20573	A	Closed	14.75Y	122.9	0.00	3.06	18.79	0	252	114	91	0.00	0.0	8.152	0.000	0	0	0	137
PD.407-B	PD.407-A	A	Closed	14.75Y	122.9	0.00	3.06	18.79	0	252	114	91	0.00	0.0	8.152	0.000	0	0	0	137
PL.20574	PD.407-B	A	4ACSR	14.75Y	122.9	0.03	3.09	18.79	16	252	114	91	0.07	0.0	8.233	0.080	0	0	0	137
458811	PL.20574	A	Consumer	14.75Y	122.9	0.00	3.09	0.07	0	1	0	100	0.00	0.0	8.233	0.000	1	0	1	1
458809	PL.20574	A	Consumer	14.75Y	122.9	0.00	3.09	0.04	0	0	0	100	0.00	0.0	8.233	0.000	0	0	1	1
PL.6999	PL.20574	A	4ACSR	14.74Y	122.9	0.04	3.13	18.68	16	251	114	91	0.08	0.0	8.324	0.091	0	0	0	135
PL.7000	PL.6999	A	4ACSR	14.74Y	122.8	0.03	3.16	18.41	15	247	112	91	0.05	0.0	8.386	0.062	0	0	0	134
458826	PL.7000	A	Consumer	14.74Y	122.8	0.00	3.16	0.14	0	2	1	89	0.00	0.0	8.386	0.000	2	1	1	1
458836	PL.7000	A	Consumer	14.74Y	122.8	0.00	3.16	0.11	0	2	1	89	0.00	0.0	8.386	0.000	2	1	1	1
458859	PL.7000	A	Consumer	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	8.386	0.000	0	0	1	1
PL.27272	PL.7000	A	4ACSR	14.74Y	122.8	0.00	3.16	0.74	1	10	4	93	0.00	0.0	8.388	0.002	0	0	0	15
PD.1053	PL.27272	A	fuse6AMP	14.74Y	122.8	0.00	3.16	0.74	13	10	4	93	0.00	0.0	8.388	0.000	0	0	0	15
PL.27273	PD.1053	A	4ACSR	14.74Y	122.8	0.00	3.16	0.74	1	10	4	93	0.00	0.0	8.429	0.040	0	0	0	15
458844	PL.27273	A	Consumer	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	8.429	0.000	0	0	1	1
458807	PL.27273	A	Consumer	14.74Y	122.8	0.00	3.16	0.03	0	0	0	100	0.00	0.0	8.429	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 CWP.WM\
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-----				
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR				% PF	kW	Length (mi)	KW	KVAR
PL.10426	PL.27273	A	4ACSR	14.74Y	122.8	0.00	3.16	0.57	0	8	3	94	0.00	0.0	8.470	0.041	0	0	0	8
PL.7001	PL.10426	A	4ACSR	14.74Y	122.8	0.00	3.16	0.40	0	5	2	93	0.00	0.0	8.544	0.074	0	0	0	5
PL.19959	PL.7001	A	4ACSR	14.74Y	122.8	0.00	3.16	0.15	0	2	1	89	0.00	0.0	8.600	0.056	0	0	0	4
458849	PL.19959	A	Consumer	14.74Y	122.8	0.00	3.16	0.12	0	2	1	89	0.00	0.0	8.600	0.000	2	1	1	1
458850	PL.19959	A	Consumer	14.74Y	122.8	0.00	3.16	0.02	0	0	0	100	0.00	0.0	8.600	0.000	0	0	1	1
PL.19960	PL.19959	A	4ACSR	14.74Y	122.8	-0.00	3.16	0.00	0	0	0	100	0.00	0.0	8.659	0.059	0	0	0	2
PL.6997	PL.19960	A	4ACSR	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	8.691	0.032	0	0	0	1
PL.6998	PL.6997	A	4ACSR	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	8.731	0.040	0	0	0	1
PL.6996	PL.6998	A	4ACSR	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	8.768	0.037	0	0	0	1
458854	PL.6996	A	Consumer	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	8.768	0.000	0	0	1	1
458853	PL.19960	A	Consumer	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	8.659	0.000	0	0	1	1
458820	PL.19960	A	Consumer	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	8.659	0.000	0	0	0	0
458818	PL.19960	A	Consumer	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	8.659	0.000	0	0	0	0
458808	PL.19960	A	Consumer	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	8.659	0.000	0	0	0	0
PL.2625	PL.7001	A	4ACSR	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	8.649	0.105	0	0	0	0
458845	PL.2625	A	Consumer	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	8.649	0.000	0	0	0	0
458851	PL.7001	A	Consumer	14.74Y	122.8	0.00	3.16	0.25	0	3	1	95	0.00	0.0	8.544	0.000	3	1	1	1
458840	PL.10426	A	Consumer	14.74Y	122.8	0.00	3.16	0.05	0	1	0	100	0.00	0.0	8.470	0.000	1	0	1	1
458841	PL.10426	A	Consumer	14.74Y	122.8	0.00	3.16	0.05	0	1	0	100	0.00	0.0	8.470	0.000	1	0	1	1
458852	PL.10426	A	Consumer	14.74Y	122.8	0.00	3.16	0.08	0	1	0	100	0.00	0.0	8.470	0.000	1	0	1	1
PL.19521	PL.27273	A	4ACSR	14.74Y	122.8	0.00	3.16	0.13	0	2	1	89	0.00	0.0	8.471	0.043	0	0	0	5
458839	PL.19521	A	Consumer	14.74Y	122.8	0.00	3.16	0.02	0	0	0	100	0.00	0.0	8.471	0.000	0	0	1	1
458838	PL.19521	A	Consumer	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	8.471	0.000	0	0	0	0
PL.19522	PL.19521	A	4ACSR	14.74Y	122.8	0.00	3.16	0.11	0	2	1	89	0.00	0.0	8.514	0.043	0	0	0	4
458842	PL.19522	A	Consumer	14.74Y	122.8	0.00	3.16	0.01	0	0	0	100	0.00	0.0	8.514	0.000	0	0	1	1
PL.6995	PL.19522	A	4ACSR	14.74Y	122.8	0.00	3.16	0.10	0	1	1	71	0.00	0.0	8.542	0.028	0	0	0	3
458837	PL.6995	A	Consumer	14.74Y	122.8	0.00	3.16	0.03	0	0	0	100	0.00	0.0	8.542	0.000	0	0	1	1
458866	PL.6995	A	Consumer	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	8.542	0.000	0	0	0	0
458843	PL.6995	A	Consumer	14.74Y	122.8	0.00	3.16	0.06	0	1	0	100	0.00	0.0	8.542	0.000	1	0	1	1
458848	PL.6995	A	Consumer	14.74Y	122.8	0.00	3.16	0.01	0	0	0	100	0.00	0.0	8.542	0.000	0	0	1	1
PL.10427	PL.7000	A	4ACSR	14.74Y	122.8	0.02	3.17	17.42	15	233	107	91	0.03	0.0	8.426	0.040	0	0	0	116
PL.10488	PL.10427	A	4ACSR	14.74Y	122.8	-0.00	3.17	0.13	0	2	1	89	0.00	0.0	8.428	0.002	0	0	0	9
PL.27270	PL.10488	A	4ACSR	14.74Y	122.8	0.00	3.17	0.13	0	2	1	89	0.00	0.0	8.431	0.003	0	0	0	9
PD.1052	PL.27270	A	fuse6AMP	14.74Y	122.8	0.00	3.17	0.13	2	2	1	89	0.00	0.0	8.431	0.000	0	0	0	9
PL.27271	PD.1052	A	4ACSR	14.74Y	122.8	0.00	3.17	0.13	0	2	1	89	0.00	0.0	8.569	0.138	0	0	0	9
PL.10489	PL.27271	A	4ACSR	14.74Y	122.8	0.00	3.17	0.08	0	1	0	100	0.00	0.0	8.609	0.040	0	0	0	5
PL.7002	PL.10489	A	4ACSR	14.74Y	122.8	0.00	3.17	0.08	0	1	0	100	0.00	0.0	8.649	0.039	0	0	0	5
PL.22528	PL.7002	A	4ACSR	14.74Y	122.8	0.00	3.17	0.08	0	1	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\SUMMER\PROPOSED SUMMER 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	
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW					KVAR	Length (mi)			KW
458863	PL.22528	A	Consumer	14.74Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	8.695	0.000	0	0	0	0
458865	PL.22528	A	Consumer	14.74Y	122.8	0.00	3.17	0.03	0	0	0	100	0.00	0.0	8.695	0.000	0	0	1	1
458855	PL.22528	A	Consumer	14.74Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	8.695	0.000	0	0	1	1
458835	PL.22528	A	Consumer	14.74Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	8.695	0.000	0	0	0	0
458864	PL.22528	A	Consumer	14.74Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	8.695	0.000	0	0	1	1
458833	PL.22528	A	Consumer	14.74Y	122.8	0.00	3.17	0.04	0	1	0	100	0.00	0.0	8.695	0.000	1	0	1	1
458857	PL.7002	A	Consumer	14.74Y	122.8	0.00	3.17	0.01	0	0	0	100	0.00	0.0	8.649	0.000	0	0	1	1
458829	PL.27271	A	Consumer	14.74Y	122.8	0.00	3.17	0.01	0	0	0	100	0.00	0.0	8.569	0.000	0	0	1	1
458801	PL.27271	A	Consumer	14.74Y	122.8	0.00	3.17	0.01	0	0	0	100	0.00	0.0	8.569	0.000	0	0	1	1
458831	PL.27271	A	Consumer	14.74Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	8.569	0.000	0	0	1	1
458830	PL.27271	A	Consumer	14.74Y	122.8	0.00	3.17	0.02	0	0	0	100	0.00	0.0	8.569	0.000	0	0	1	1
PL.10487	PL.10427	A	4ACSR	14.74Y	122.8	0.01	3.19	17.29	15	232	106	91	0.03	0.0	8.462	0.036	0	0	0	107
458828	PL.10487	A	Consumer	14.74Y	122.8	0.00	3.19	0.04	0	1	0	100	0.00	0.0	8.462	0.000	1	0	1	1
458847	PL.10487	A	Consumer	14.74Y	122.8	0.00	3.19	0.00	0	0	0	100	0.00	0.0	8.462	0.000	0	0	0	0
458846	PL.10487	A	Consumer	14.74Y	122.8	0.00	3.19	0.08	0	1	0	100	0.00	0.0	8.462	0.000	1	0	1	1
458825	PL.10487	A	Consumer	14.74Y	122.8	0.00	3.19	0.00	0	0	0	100	0.00	0.0	8.462	0.000	0	0	0	0
PL.19679	PL.10487	A	4ACSR	14.73Y	122.8	0.02	3.21	17.17	14	230	106	91	0.04	0.0	8.516	0.054	0	0	0	105
458823	PL.19679	A	Consumer	14.73Y	122.8	0.00	3.21	0.08	0	1	0	100	0.00	0.0	8.516	0.000	1	0	1	1
458856	PL.19679	A	Consumer	14.73Y	122.8	0.00	3.21	0.05	0	1	0	100	0.00	0.0	8.516	0.000	1	0	1	1
458862	PL.19679	A	Consumer	14.73Y	122.8	0.00	3.21	0.10	0	1	1	71	0.00	0.0	8.516	0.000	1	1	1	1
458861	PL.19679	A	Consumer	14.73Y	122.8	0.00	3.21	0.06	0	1	0	100	0.00	0.0	8.516	0.000	1	0	1	1
458860	PL.19679	A	Consumer	14.73Y	122.8	0.00	3.21	0.04	0	1	0	100	0.00	0.0	8.516	0.000	1	0	1	1
PL.19680	PL.19679	A	4ACSR	14.73Y	122.8	0.04	3.25	16.83	14	225	104	91	0.06	0.0	8.612	0.095	0	0	0	100
PL.10490	PL.19680	A	4ACSR	14.73Y	122.7	0.03	3.27	16.30	14	218	101	91	0.04	0.0	8.680	0.068	0	0	0	98
PL.27672	PL.10490	A	4ACSR	14.72Y	122.7	0.03	3.30	15.35	13	205	96	91	0.04	0.0	8.755	0.075	0	0	0	94
458815	PL.27672	A	Consumer	14.72Y	122.7	0.00	3.30	0.02	0	0	0	100	0.00	0.0	8.755	0.000	0	0	1	1
PL.28381	PL.27672	A	4ACSR	14.72Y	122.7	0.02	3.32	15.34	13	205	96	91	0.03	0.0	8.814	0.059	0	0	0	93
PL.21841	PL.28381	A	4ACSR	14.72Y	122.7	0.01	3.33	15.07	13	201	94	91	0.02	0.0	8.846	0.031	0	0	0	88
PL.27269	PL.21841	A	4ACSR	14.72Y	122.7	0.00	3.33	15.07	13	201	94	91	0.00	0.0	8.851	0.006	0	0	0	88
PD.3524	PL.27269	A	35L	14.72Y	122.7	0.00	3.33	15.07	43	201	94	91	0.00	0.0	8.851	0.000	0	0	0	88
PL.46582	PD.3524	A	4ACSR	14.72Y	122.6	0.03	3.36	15.07	13	201	94	91	0.04	0.0	8.931	0.080	0	0	0	88
PL.46583	PL.46582	A	4ACSR	14.71Y	122.6	0.08	3.44	15.07	13	201	94	91	0.13	0.1	9.174	0.244	0	0	0	88
PL.21534	PL.46583	A	4ACSR	14.67Y	122.3	0.29	3.74	14.30	12	190	90	90	0.43	0.2	10.052	0.878	0	0	0	82
PL.21535	PL.21534	A	4ACSR	14.66Y	122.2	0.08	3.81	14.30	12	190	90	90	0.11	0.1	10.284	0.232	0	0	0	82
PL.28602	PL.21535	A	4ACSR	14.66Y	122.1	0.05	3.86	14.30	12	190	90	90	0.08	0.0	10.442	0.158	0	0	0	82
PL.28532	PL.28602	A	4ACSR	14.66Y	122.1	0.00	3.87	9.59	8	125	64	89	0.00	0.0	10.450	0.008	0	0	0	26
C ST.27	PL.28532	A	Transforme	7.18Y	119.7	2.48	6.35	9.59	83	125	64	89	0.38	0.3	10.450	0.000	0	0	0	26 C
REG62	ST.27	A	1ph-100A-7	7.56Y	126.0	-6.35	0.00	19.17	19	125	59	90	percent Boost= 5.31 Tap= 8.5							26

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 -Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.29541	PL.29244	A	4ACSR	7.39Y	123.1	0.01	2.89	2.16	2	14	7	89	0.00	0.0	15.383	0.056	0	0	0	2
464306	PL.29541	A	Consumer	7.39Y	123.1	0.00	2.89	1.33	0	9	4	91	0.00	0.0	15.383	0.000	9	4	1	1
464310	PL.29541	A	Consumer	7.39Y	123.1	0.00	2.89	0.83	0	6	3	89	0.00	0.0	15.383	0.000	6	3	1	1
PL.29542	PL.29541	A	4ACSR	7.39Y	123.1	0.00	2.89	0.00	0	0	0	100	0.00	0.0	15.480	0.097	0	0	0	0
464305	PL.29244	A	Consumer	7.39Y	123.1	0.00	2.89	0.87	0	6	3	89	0.00	0.0	15.327	0.000	6	3	1	1
PL.29568	PL.29238	A	4ACSR	7.39Y	123.1	0.00	2.85	0.75	1	5	2	93	0.00	0.0	15.196	0.125	0	0	0	1
464301	PL.29568	A	Consumer	7.39Y	123.1	0.00	2.85	0.75	0	5	2	93	0.00	0.0	15.196	0.000	5	2	1	1
PL.29567	PL.29237	A	4ACSR	7.39Y	123.2	0.00	2.81	1.08	1	7	3	92	0.00	0.0	14.921	0.040	0	0	0	3
464213	PL.29567	A	Consumer	7.39Y	123.2	0.00	2.81	0.29	0	2	1	89	0.00	0.0	14.921	0.000	2	1	1	1
464215	PL.29567	A	Consumer	7.39Y	123.2	0.00	2.81	0.23	0	2	1	89	0.00	0.0	14.921	0.000	2	1	1	1
464218	PL.29567	A	Consumer	7.39Y	123.2	0.00	2.81	0.56	0	4	2	89	0.00	0.0	14.921	0.000	4	2	1	1
PL.29565	PL.29230	A	4ACSR	7.40Y	123.3	0.00	2.71	0.42	0	3	1	95	0.00	0.0	14.633	0.041	0	0	0	1
464214	PL.29565	A	Consumer	7.40Y	123.3	0.00	2.71	0.42	0	3	1	95	0.00	0.0	14.633	0.000	3	1	1	1
464216	PL.29226	A	Consumer	7.40Y	123.4	0.00	2.64	0.91	0	6	3	89	0.00	0.0	14.443	0.000	6	3	1	1
464206	PL.29226	A	Consumer	7.40Y	123.4	0.00	2.64	0.34	0	2	1	89	0.00	0.0	14.443	0.000	2	1	1	1
PL.29563	PL.29228	A	4ACSR	7.41Y	123.4	0.00	2.57	0.00	0	0	0	100	0.00	0.0	14.340	0.036	0	0	0	0
PL.29562	PL.29227	A	4ACSR	7.41Y	123.4	0.00	2.56	1.03	1	7	3	92	0.00	0.0	14.316	0.036	0	0	0	1
464204	PL.29562	A	Consumer	7.41Y	123.4	0.00	2.56	1.03	0	7	3	92	0.00	0.0	14.316	0.000	7	3	1	1
PL.22116	PL.21869	A	4ACSR	7.48Y	124.7	0.00	1.33	0.24	0	2	1	89	0.00	0.0	12.239	0.002	0	0	0	1
PD.1050	PL.22116	A	fuse6AMP	7.48Y	124.7	0.00	1.33	0.24	4	2	1	89	0.00	0.0	12.239	0.000	0	0	0	1
PL.22117	PD.1050	A	4ACSR	7.48Y	124.7	0.00	1.34	0.24	0	2	1	89	0.00	0.0	12.442	0.203	0	0	0	1
455906	PL.22117	A	Consumer	7.48Y	124.7	0.00	1.34	0.24	0	2	1	89	0.00	0.0	12.442	0.000	2	1	1	1
PL.22121	PL.28533	A	4ACSR	7.51Y	125.1	0.00	0.88	4.99	4	34	15	91	0.00	0.0	11.497	0.003	0	0	0	8
PD.405-A	PL.22121	A	Closed	7.51Y	125.1	0.00	0.88	4.99	0	34	15	91	0.00	0.0	11.497	0.000	0	0	0	8
PD.405-B	PD.405-A	A	Closed	7.51Y	125.1	0.00	0.88	4.99	0	34	15	91	0.00	0.0	11.497	0.000	0	0	0	8
PL.45318	PD.405-B	A	4ACSR	7.50Y	125.0	0.09	0.97	4.99	4	34	15	91	0.02	0.1	11.870	0.374	0	0	0	8
PL.45319	PL.45318	A	4ACSR	7.50Y	125.0	0.02	0.99	4.99	4	34	15	91	0.01	0.0	11.962	0.091	0	0	0	8
C PD.5178	PL.45319	A	fuse6AMP	7.50Y	125.0	0.00	0.99	4.99	85	34	15	91	0.00	0.0	11.962	0.000	0	0	0	8 C
PL.34964	PD.5178	A	4ACSR	7.50Y	125.0	0.03	1.02	4.87	4	33	15	91	0.01	0.0	12.110	0.148	0	0	0	7
C PD.1049	PL.34964	A	fuse6AMP	7.50Y	125.0	0.00	1.02	4.87	83	33	15	91	0.00	0.0	12.110	0.000	0	0	0	7 C
PL.22120	PD.1049	A	4ACSR	7.50Y	125.0	0.00	1.02	4.87	4	33	15	91	0.00	0.0	12.117	0.007	0	0	0	7
PL.29559	PL.22120	A	4ACSR	7.50Y	125.0	0.00	1.02	0.25	0	2	1	89	0.00	0.0	12.154	0.037	0	0	0	1
455901	PL.29559	A	Consumer	7.50Y	125.0	0.00	1.02	0.25	0	2	1	89	0.00	0.0	12.154	0.000	2	1	1	1
PL.21673	PL.22120	A	4ACSR	7.50Y	125.0	0.01	1.03	4.62	4	32	14	92	0.00	0.0	12.171	0.055	0	0	0	6
PL.21672	PL.21673	A	4ACSR	7.50Y	124.9	0.02	1.05	0.77	1	5	2	93	0.00	0.0	12.763	0.592	0	0	0	3
PL.23082	PL.21672	A	4ACSR	7.50Y	124.9	0.00	1.06	0.29	0	2	1	89	0.00	0.0	12.837	0.074	0	0	0	2
PL.23617	PL.23082	A	4ACSR	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	12.876	0.039	0	0	0	0
465201	PL.23082	A	Consumer	7.50Y	124.9	0.00	1.06	0.15	0	1	0	100	0.00	0.0	12.837	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.23618	PL.23082	A	4ACSR	7.50Y	124.9	0.00	1.06	0.14	0	1	0	100	0.00	0.0	12.967	0.130	0	0	0	1
465202	PL.23618	A	Consumer	7.50Y	124.9	0.00	1.06	0.14	0	1	0	100	0.00	0.0	12.967	0.000	1	0	1	1
455905	PL.21672	A	Consumer	7.50Y	124.9	0.00	1.05	0.48	0	3	1	95	0.00	0.0	12.763	0.000	3	1	1	1
455907	PL.21673	A	Consumer	7.50Y	125.0	0.00	1.03	1.39	0	9	5	87	0.00	0.0	12.171	0.000	9	5	1	1
455902	PL.21673	A	Consumer	7.50Y	125.0	0.00	1.03	1.37	0	10	4	93	0.00	0.0	12.171	0.000	10	4	1	1
455904	PL.21673	A	Consumer	7.50Y	125.0	0.00	1.03	1.10	0	7	4	87	0.00	0.0	12.171	0.000	7	4	1	1
PL.34962	PD.5178	A	1/0EPRJCN	7.50Y	125.0	0.00	0.99	0.12	0	1	0	100	0.00	0.0	11.996	0.034	0	0	0	1
4559008	PL.34962	A	Consumer	7.50Y	125.0	0.00	0.99	0.13	0	1	0	100	0.00	0.0	11.996	0.000	1	0	1	1
PL.45317	PL.45318	A	4ACSR	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	12.082	0.212	0	0	0	0
PL.45320	PL.45317	A	4ACSR	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	12.122	0.040	0	0	0	0
4559009	PL.45320	A	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	12.122	0.000	0	0	0	0
PL.22968	PL.28602	A	4ACSR	14.66Y	122.1	0.00	3.86	4.73	4	65	25	93	0.00	0.0	10.448	0.005	0	0	0	56
PD.2666	PL.22968	A	25L	14.66Y	122.1	0.00	3.86	4.73	19	65	25	93	0.00	0.0	10.448	0.000	0	0	0	56
PL.22969	PD.2666	A	4ACSR	14.65Y	122.1	0.02	3.89	4.73	4	65	25	93	0.01	0.0	10.651	0.203	0	0	0	56
PL.21842	PL.22969	A	4ACSR	14.64Y	122.0	0.08	3.97	4.73	4	65	25	93	0.04	0.1	11.376	0.725	0	0	0	56
PL.22112	PL.21842	A	4ACSR	14.64Y	122.0	0.00	3.97	0.65	1	9	3	95	0.00	0.0	11.380	0.005	0	0	0	15
PD.1051	PL.22112	A	fuse6AMP	14.64Y	122.0	0.00	3.97	0.65	11	9	3	95	0.00	0.0	11.380	0.000	0	0	0	15
PL.22113	PD.1051	A	4ACSR	14.64Y	122.0	0.00	3.97	0.65	1	9	3	95	0.00	0.0	11.475	0.095	0	0	0	15
457909	PL.22113	A	Consumer	14.64Y	122.0	0.00	3.97	0.00	0	0	0	100	0.00	0.0	11.475	0.000	0	0	1	1
456917	PL.22113	A	Consumer	14.64Y	122.0	0.00	3.97	0.00	0	0	0	100	0.00	0.0	11.475	0.000	0	0	0	0
PL.22530	PL.22113	A	4ACSR	14.64Y	122.0	0.00	3.97	0.65	1	9	3	95	0.00	0.0	11.549	0.074	0	0	0	14
PL.21843	PL.22530	A	4ACSR	14.64Y	122.0	0.00	3.97	0.65	1	9	3	95	0.00	0.0	11.566	0.017	0	0	0	14
PL.22456	PL.21843	A	4ACSR	14.64Y	122.0	0.00	3.97	0.37	0	5	2	93	0.00	0.0	11.586	0.020	0	0	0	5
PL.22457	PL.22456	A	4ACSR	14.64Y	122.0	0.00	3.97	0.18	0	2	1	89	0.00	0.0	11.611	0.025	0	0	0	3
456928	PL.22457	A	Consumer	14.64Y	122.0	0.00	3.97	0.01	0	0	0	100	0.00	0.0	11.611	0.000	0	0	1	1
456918	PL.22457	A	Consumer	14.64Y	122.0	0.00	3.97	0.05	0	1	0	100	0.00	0.0	11.611	0.000	1	0	1	1
PL.22451	PL.22457	A	4ACSR	14.64Y	122.0	0.00	3.97	0.12	0	2	1	89	0.00	0.0	11.648	0.037	0	0	0	1
456919	PL.22451	A	Consumer	14.64Y	122.0	0.00	3.97	0.12	0	2	1	89	0.00	0.0	11.648	0.000	2	1	1	1
456923	PL.22456	A	Consumer	14.64Y	122.0	0.00	3.97	0.00	0	0	0	100	0.00	0.0	11.586	0.000	0	0	1	1
456927	PL.22456	A	Consumer	14.64Y	122.0	0.00	3.97	0.19	0	3	1	95	0.00	0.0	11.586	0.000	3	1	1	1
PL.21844	PL.21843	A	4ACSR	14.64Y	122.0	0.00	3.97	0.28	0	4	1	97	0.00	0.0	11.651	0.085	0	0	0	9
PL.33047	PL.21844	A	4ACSR	14.64Y	122.0	0.00	3.97	0.07	0	1	0	100	0.00	0.0	11.720	0.069	0	0	0	1
456925	PL.33047	A	Consumer	14.64Y	122.0	0.00	3.97	0.07	0	1	0	100	0.00	0.0	11.720	0.000	1	0	1	1
456915	PL.21844	A	Consumer	14.64Y	122.0	0.00	3.97	0.05	0	1	0	100	0.00	0.0	11.651	0.000	1	0	1	1
456913	PL.21844	A	Consumer	14.64Y	122.0	0.00	3.97	0.05	0	1	0	100	0.00	0.0	11.651	0.000	1	0	1	1
456920	PL.21844	A	Consumer	14.64Y	122.0	0.00	3.97	0.01	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1
456916	PL.21844	A	Consumer	14.64Y	122.0	0.00	3.97	0.03	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1
457908	PL.21844	A	Consumer	14.64Y	122.0	0.00	3.97	0.03	0	0	0	100	0.00	0.0	11.651	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							
456921	PL.21844	A	Consumer	14.64Y	122.0	0.00	3.97	0.00	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1
456924	PL.21844	A	Consumer	14.64Y	122.0	0.00	3.97	0.01	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1
456911	PL.21844	A	Consumer	14.64Y	122.0	0.00	3.97	0.03	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1
PL.22666	PL.21842	A	4ACSR	14.64Y	122.0	0.01	3.97	4.08	3	56	22	93	0.00	0.0	11.429	0.054	0	0	0	41
457914	PL.22666	A	Consumer	14.64Y	122.0	0.00	3.97	0.04	0	1	0	100	0.00	0.0	11.429	0.000	1	0	1	1
457916	PL.22666	A	Consumer	14.64Y	122.0	0.00	3.97	0.08	0	1	0	100	0.00	0.0	11.429	0.000	1	0	1	1
PL.28585	PL.22666	A	4ACSR	14.64Y	122.0	0.00	3.97	2.77	2	38	15	93	0.00	0.0	11.455	0.025	0	0	0	22
457913	PL.28585	A	Consumer	14.64Y	122.0	0.00	3.97	0.02	0	0	0	100	0.00	0.0	11.455	0.000	0	0	1	1
457910	PL.28585	A	Consumer	14.64Y	122.0	0.00	3.97	0.08	0	1	0	100	0.00	0.0	11.455	0.000	1	0	1	1
457906	PL.28585	A	Consumer	14.64Y	122.0	0.00	3.97	0.10	0	1	1	71	0.00	0.0	11.455	0.000	1	1	1	1
PL.28586	PL.28585	A	4ACSR	14.64Y	122.0	0.01	3.98	2.57	2	35	14	93	0.00	0.0	11.577	0.122	0	0	0	19
PL.22531	PL.28586	A	4ACSR	14.64Y	122.0	0.01	3.98	2.12	2	29	11	93	0.00	0.0	11.688	0.111	0	0	0	18
PL.22529	PL.22531	A	4ACSR	14.64Y	122.0	0.00	3.99	1.85	2	25	10	93	0.00	0.0	11.753	0.066	0	0	0	16
PL.22191	PL.22529	A	4ACSR	14.64Y	122.0	0.00	3.99	1.85	2	25	10	93	0.00	0.0	11.755	0.002	0	0	0	16
PL.28552	PL.22191	A	4ACSR	14.64Y	122.0	0.00	3.99	0.94	1	13	5	93	0.00	0.0	11.811	0.056	0	0	0	5
467203	PL.28552	A	Consumer	14.64Y	122.0	0.00	3.99	0.14	0	2	1	89	0.00	0.0	11.811	0.000	2	1	1	1
PL.28553	PL.28552	A	4ACSR	14.64Y	122.0	0.00	3.99	0.79	1	11	4	94	0.00	0.0	11.832	0.021	0	0	0	4
PL.22192	PL.28553	A	4ACSR	14.64Y	122.0	0.00	3.99	0.79	1	11	4	94	0.00	0.0	11.886	0.054	0	0	0	4
PL.22193	PL.22192	A	4ACSR	14.64Y	122.0	0.00	3.99	0.70	1	9	4	91	0.00	0.0	11.898	0.013	0	0	0	3
PL.22608	PL.22193	A	4ACSR	14.64Y	122.0	0.00	3.99	0.70	1	9	4	91	0.00	0.0	11.923	0.025	0	0	0	3
PL.22609	PL.22608	A	4ACSR	14.64Y	122.0	0.00	3.99	0.51	0	7	3	92	0.00	0.0	11.986	0.063	0	0	0	2
467208	PL.22609	A	Consumer	14.64Y	122.0	0.00	3.99	0.02	0	0	0	100	0.00	0.0	11.986	0.000	0	0	1	1
467216	PL.22609	A	Consumer	14.64Y	122.0	0.00	3.99	0.49	0	7	3	92	0.00	0.0	11.986	0.000	7	3	1	1
467207	PL.22608	A	Consumer	14.64Y	122.0	0.00	3.99	0.19	0	3	1	95	0.00	0.0	11.923	0.000	3	1	1	1
457919	PL.22608	A	Consumer	14.64Y	122.0	0.00	3.99	0.00	0	0	0	100	0.00	0.0	11.923	0.000	0	0	0	0
4672017	PL.22608	A	Consumer	14.64Y	122.0	0.00	3.99	0.00	0	0	0	100	0.00	0.0	11.923	0.000	0	0	0	0
457918	PL.22608	A	Consumer	14.64Y	122.0	0.00	3.99	0.00	0	0	0	100	0.00	0.0	11.923	0.000	0	0	0	0
467220	PL.22608	A	Consumer	14.64Y	122.0	0.00	3.99	0.00	0	0	0	100	0.00	0.0	11.923	0.000	0	0	0	0
PL.22326	PL.22192	A	4ACSR	14.64Y	122.0	0.00	3.99	0.10	0	1	1	71	0.00	0.0	11.892	0.007	0	0	0	1
PL.23619	PL.22326	A	4ACSR	14.64Y	122.0	0.00	3.99	0.10	0	1	1	71	0.00	0.0	11.983	0.091	0	0	0	1
467209	PL.23619	A	Consumer	14.64Y	122.0	0.00	3.99	0.10	0	1	1	71	0.00	0.0	11.983	0.000	1	1	1	1
467219	PL.23619	A	Consumer	14.64Y	122.0	0.00	3.99	0.00	0	0	0	100	0.00	0.0	11.983	0.000	0	0	0	0
PL.22194	PL.22191	A	4ACSR	14.64Y	122.0	0.00	3.99	0.92	1	13	5	93	0.00	0.0	11.834	0.079	0	0	0	11
PL.22196	PL.22194	A	4ACSR	14.64Y	122.0	0.00	3.99	0.30	0	4	2	89	0.00	0.0	11.877	0.044	0	0	0	5
PL.23620	PL.22196	A	4ACSR	14.64Y	122.0	0.00	3.99	0.08	0	1	0	100	0.00	0.0	11.908	0.030	0	0	0	1
467214	PL.23620	A	Consumer	14.64Y	122.0	0.00	3.99	0.08	0	1	0	100	0.00	0.0	11.908	0.000	1	0	1	1
PL.22197	PL.22196	A	4ACSR	14.64Y	122.0	0.00	3.99	0.22	0	3	1	95	0.00	0.0	11.898	0.021	0	0	0	4
467215	PL.22197	A	Consumer	14.64Y	122.0	0.00	3.99	0.18	0	2	1	89	0.00	0.0	11.898	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
467213	PL.22197	A	Consumer	14.64Y	122.0	0.00	3.99	0.00	0	0	0	100	0.00	0.0	11.898	0.000	0	0	1	1
467218	PL.22197	A	Consumer	14.64Y	122.0	0.00	3.99	0.00	0	0	0	100	0.00	0.0	11.898	0.000	0	0	1	1
467210	PL.22197	A	Consumer	14.64Y	122.0	0.00	3.99	0.04	0	1	0	100	0.00	0.0	11.898	0.000	1	0	1	1
PL.22195	PL.22194	A	4ACSR	14.64Y	122.0	0.00	3.99	0.62	1	8	3	94	0.00	0.0	11.938	0.105	0	0	0	6
PL.22200	PL.22195	A	4ACSR	14.64Y	122.0	0.00	3.99	0.10	0	1	1	71	0.00	0.0	11.995	0.056	0	0	0	2
PL.21671	PL.22200	A	4ACSR	14.64Y	122.0	-0.00	3.99	0.02	0	0	0	100	0.00	0.0	12.014	0.020	0	0	0	1
PL.22198	PL.21671	A	4ACSR	14.64Y	122.0	0.00	3.99	0.02	0	0	0	100	0.00	0.0	12.049	0.035	0	0	0	1
PL.22199	PL.22198	A	4ACSR	14.64Y	122.0	0.00	3.99	0.02	0	0	0	100	0.00	0.0	12.084	0.035	0	0	0	1
PL.23616	PL.22199	A	4ACSR	14.64Y	122.0	0.00	3.99	0.02	0	0	0	100	0.00	0.0	12.106	0.022	0	0	0	1
466208	PL.23616	A	Consumer	14.64Y	122.0	0.00	3.99	0.02	0	0	0	100	0.00	0.0	12.106	0.000	0	0	1	1
PL.23621	PL.22200	A	4ACSR	14.64Y	122.0	0.00	3.99	0.08	0	1	0	100	0.00	0.0	12.003	0.009	0	0	0	1
PL.22327	PL.23621	A	4ACSR	14.64Y	122.0	0.00	3.99	0.08	0	1	0	100	0.00	0.0	12.048	0.045	0	0	0	1
457901	PL.22327	A	Consumer	14.64Y	122.0	0.00	3.99	0.08	0	1	0	100	0.00	0.0	12.048	0.000	1	0	1	1
467204	PL.22195	A	Consumer	14.64Y	122.0	0.00	3.99	0.25	0	3	1	95	0.00	0.0	11.938	0.000	3	1	1	1
467212	PL.22195	A	Consumer	14.64Y	122.0	0.00	3.99	0.08	0	1	0	100	0.00	0.0	11.938	0.000	1	0	1	1
467211	PL.22195	A	Consumer	14.64Y	122.0	0.00	3.99	0.05	0	1	0	100	0.00	0.0	11.938	0.000	1	0	1	1
467202	PL.22195	A	Consumer	14.64Y	122.0	0.00	3.99	0.15	0	2	1	89	0.00	0.0	11.938	0.000	2	1	1	1
457902	PL.22531	A	Consumer	14.64Y	122.0	0.00	3.98	0.08	0	1	0	100	0.00	0.0	11.688	0.000	1	0	1	1
4579017	PL.22531	A	Consumer	14.64Y	122.0	0.00	3.98	0.19	0	3	1	95	0.00	0.0	11.688	0.000	3	1	1	1
457907	PL.28586	A	Consumer	14.64Y	122.0	0.00	3.98	0.45	0	6	2	95	0.00	0.0	11.577	0.000	6	2	1	1
PL.21847	PL.22666	A	4ACSR	14.64Y	122.0	0.00	3.97	0.34	0	5	2	93	0.00	0.0	11.477	0.048	0	0	0	3
457911	PL.21847	A	Consumer	14.64Y	122.0	0.00	3.97	0.16	0	2	1	89	0.00	0.0	11.477	0.000	2	1	1	1
PL.21848	PL.21847	A	4ACSR	14.64Y	122.0	0.00	3.97	0.18	0	2	1	89	0.00	0.0	11.563	0.086	0	0	0	2
457915	PL.21848	A	Consumer	14.64Y	122.0	0.00	3.97	0.17	0	2	1	89	0.00	0.0	11.563	0.000	2	1	1	1
457912	PL.21848	A	Consumer	14.64Y	122.0	0.00	3.97	0.01	0	0	0	100	0.00	0.0	11.563	0.000	0	0	1	1
PL.45185	PL.22666	A	4ACSR	14.64Y	122.0	0.00	3.97	0.86	1	12	5	92	0.00	0.0	11.440	0.011	0	0	0	14
PD.8608	PL.45185	A	fuse6AMP	14.64Y	122.0	0.00	3.97	0.86	15	12	5	92	0.00	0.0	11.440	0.000	0	0	0	14
PL.45186	PD.8608	A	4ACSR	14.64Y	122.0	0.00	3.97	0.86	1	12	5	92	0.00	0.0	11.445	0.005	0	0	0	14
PL.21846	PL.45186	A	4ACSR	14.64Y	122.0	0.00	3.97	0.73	1	10	4	93	0.00	0.0	11.468	0.023	0	0	0	13
PL.35626	PL.21846	A	4ACSR	14.64Y	122.0	0.00	3.97	0.73	1	10	4	93	0.00	0.0	11.548	0.080	0	0	0	13
PL.35627	PL.35626	A	4ACSR	14.64Y	122.0	0.00	3.97	0.65	1	9	3	95	0.00	0.0	11.593	0.045	0	0	0	12
456912	PL.35627	A	Consumer	14.64Y	122.0	0.00	3.97	0.08	0	1	0	100	0.00	0.0	11.593	0.000	1	0	1	1
PL.28222	PL.35627	A	4ACSR	14.64Y	122.0	0.00	3.97	0.57	0	8	3	94	0.00	0.0	11.652	0.059	0	0	0	11
PL.23081	PL.28222	A	4ACSR	14.64Y	122.0	0.00	3.97	0.03	0	0	0	100	0.00	0.0	11.729	0.077	0	0	0	1
456914	PL.23081	A	Consumer	14.64Y	122.0	0.00	3.97	0.03	0	0	0	100	0.00	0.0	11.729	0.000	0	0	1	1
PL.28223	PL.28222	A	4ACSR	14.64Y	122.0	0.00	3.98	0.54	0	7	3	92	0.00	0.0	11.762	0.110	0	0	0	10
456908	PL.28223	A	Consumer	14.64Y	122.0	0.00	3.98	0.02	0	0	0	100	0.00	0.0	11.762	0.000	0	0	1	1
PL.22454	PL.28223	A	4ACSR	14.64Y	122.0	0.00	3.98	0.52	0	7	3	92	0.00	0.0	11.818	0.056	0	0	0	9

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.22455	PL.22454	A	4ACSR	14.64Y	122.0	0.00	3.98	0.49	0	7	3	92	0.00	0.0	11.877	0.058	0	0	0	8
PL.22453	PL.22455	A	4ACSR	14.64Y	122.0	0.00	3.98	0.49	0	7	3	92	0.00	0.0	11.989	0.113	0	0	0	8
PL.22607	PL.22453	A	4ACSR	14.64Y	122.0	0.00	3.98	0.49	0	7	3	92	0.00	0.0	11.995	0.005	0	0	0	8
466209	PL.22607	A	Consumer	14.64Y	122.0	0.00	3.98	0.07	0	1	0	100	0.00	0.0	11.995	0.000	1	0	1	1
PL.22125	PL.22607	A	4ACSR	14.64Y	122.0	0.00	3.98	0.41	0	6	2	95	0.00	0.0	12.108	0.113	0	0	0	7
PL.23615	PL.22125	A	4ACSR	14.64Y	122.0	0.00	3.98	0.12	0	2	1	89	0.00	0.0	12.155	0.047	0	0	0	2
466203	PL.23615	A	Consumer	14.64Y	122.0	0.00	3.98	0.03	0	0	0	100	0.00	0.0	12.155	0.000	0	0	1	1
466206	PL.23615	A	Consumer	14.64Y	122.0	0.00	3.98	0.09	0	1	0	100	0.00	0.0	12.155	0.000	1	0	1	1
PL.28221	PL.22125	A	4ACSR	14.64Y	122.0	0.00	3.98	0.26	0	3	1	95	0.00	0.0	12.108	0.000	0	0	0	4
PL.22124	PL.28221	A	4ACSR	14.64Y	122.0	0.00	3.98	0.26	0	3	1	95	0.00	0.0	12.228	0.121	0	0	0	4
466207	PL.22124	A	Consumer	14.64Y	122.0	0.00	3.98	0.06	0	1	0	100	0.00	0.0	12.228	0.000	1	0	1	1
466201	PL.22124	A	Consumer	14.64Y	122.0	0.00	3.98	0.17	0	2	1	89	0.00	0.0	12.228	0.000	2	1	1	1
466205	PL.22124	A	Consumer	14.64Y	122.0	0.00	3.98	0.02	0	0	0	100	0.00	0.0	12.228	0.000	0	0	1	1
466202	PL.22124	A	Consumer	14.64Y	122.0	0.00	3.98	0.01	0	0	0	100	0.00	0.0	12.228	0.000	0	0	1	1
466204	PL.22125	A	Consumer	14.64Y	122.0	0.00	3.98	0.04	0	0	0	100	0.00	0.0	12.108	0.000	0	0	1	1
456922	PL.22454	A	Consumer	14.64Y	122.0	0.00	3.98	0.04	0	0	0	100	0.00	0.0	11.818	0.000	0	0	1	1
4569029	PL.35626	A	Consumer	14.64Y	122.0	0.00	3.97	0.09	0	1	0	100	0.00	0.0	11.548	0.000	1	0	1	1
PL.23084	PL.45186	A	4ACSR	14.64Y	122.0	0.00	3.97	0.12	0	2	1	89	0.00	0.0	11.495	0.050	0	0	0	1
456910	PL.23084	A	Consumer	14.64Y	122.0	0.00	3.97	0.12	0	2	1	89	0.00	0.0	11.495	0.000	2	1	1	1
PL.22114	PL.46583	A	4ACSR	14.71Y	122.6	0.00	3.44	0.77	1	11	4	94	0.00	0.0	9.177	0.002	0	0	0	6
PD.406-A	PL.22114	A	Closed	14.71Y	122.6	0.00	3.44	0.77	0	11	4	94	0.00	0.0	9.177	0.000	0	0	0	6
PD.406-B	PD.406-A	A	Closed	14.71Y	122.6	0.00	3.44	0.77	0	11	4	94	0.00	0.0	9.177	0.000	0	0	0	6
PL.22115	PD.406-B	A	4ACSR	14.71Y	122.6	0.00	3.45	0.77	1	11	4	94	0.00	0.0	9.241	0.064	0	0	0	6
PL.23182	PL.22115	A	4ACSR	14.71Y	122.6	0.00	3.45	0.70	1	10	4	93	0.00	0.0	9.276	0.035	0	0	0	5
458906	PL.23182	A	Consumer	14.71Y	122.6	0.00	3.45	0.16	0	2	1	89	0.00	0.0	9.276	0.000	2	1	1	1
PL.23183	PL.23182	A	4ACSR	14.71Y	122.6	0.00	3.45	0.54	0	7	3	92	0.00	0.0	9.311	0.034	0	0	0	4
PL.21518	PL.23183	A	4ACSR	14.71Y	122.6	0.00	3.45	0.39	0	5	2	93	0.00	0.0	9.378	0.068	0	0	0	3
458903	PL.21518	A	Consumer	14.71Y	122.6	0.00	3.45	0.09	0	1	0	100	0.00	0.0	9.378	0.000	1	0	1	1
458905	PL.21518	A	Consumer	14.71Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	9.378	0.000	0	0	0	0
458908	PL.21518	A	Consumer	14.71Y	122.6	0.00	3.45	0.06	0	1	0	100	0.00	0.0	9.378	0.000	1	0	1	1
458907	PL.21518	A	Consumer	14.71Y	122.6	0.00	3.45	0.23	0	3	1	95	0.00	0.0	9.378	0.000	3	1	1	1
458902	PL.23183	A	Consumer	14.71Y	122.6	0.00	3.45	0.16	0	2	1	89	0.00	0.0	9.311	0.000	2	1	1	1
458904	PL.23183	A	Consumer	14.71Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	9.311	0.000	0	0	0	0
458901	PL.22115	A	Consumer	14.71Y	122.6	0.00	3.45	0.07	0	1	0	100	0.00	0.0	9.241	0.000	1	0	1	1
4588068	PL.28381	A	Consumer	14.72Y	122.7	0.00	3.32	0.02	0	0	0	100	0.00	0.0	8.814	0.000	0	0	1	1
458827	PL.28381	A	Consumer	14.72Y	122.7	0.00	3.32	0.09	0	1	0	100	0.00	0.0	8.814	0.000	1	0	1	1
458806	PL.28381	A	Consumer	14.72Y	122.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	8.814	0.000	0	0	1	1
4588067	PL.28381	A	Consumer	14.72Y	122.7	0.00	3.32	0.01	0	0	0	100	0.00	0.0	8.814	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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		
458858	PL.28381	A	Consumer	14.72Y	122.7	0.00	3.32	0.14	0	2	1	89	0.00	0.0	8.814	0.000	2	1	1	1
458822	PL.10490	A	Consumer	14.73Y	122.7	0.00	3.27	0.57	0	8	3	94	0.00	0.0	8.680	0.000	8	3	1	1
458817	PL.10490	A	Consumer	14.73Y	122.7	0.00	3.27	0.15	0	2	1	89	0.00	0.0	8.680	0.000	2	1	1	1
458810	PL.10490	A	Consumer	14.73Y	122.7	0.00	3.27	0.07	0	1	0	100	0.00	0.0	8.680	0.000	1	0	1	1
458804	PL.10490	A	Consumer	14.73Y	122.7	0.00	3.27	0.16	0	2	1	89	0.00	0.0	8.680	0.000	2	1	1	1
458821	PL.19680	A	Consumer	14.73Y	122.8	0.00	3.25	0.30	0	4	2	89	0.00	0.0	8.612	0.000	4	2	1	1
458824	PL.19680	A	Consumer	14.73Y	122.8	0.00	3.25	0.23	0	3	1	95	0.00	0.0	8.612	0.000	3	1	1	1
458805	PL.6999	A	Consumer	14.74Y	122.9	0.00	3.13	0.26	0	4	1	97	0.00	0.0	8.324	0.000	4	1	1	1
459831	PL.17995	A	Consumer	14.76Y	123.0	0.00	2.97	0.02	0	0	0	100	0.00	0.0	7.961	0.000	0	0	1	1
PL.22526	PL.21839	A	4ACSR	14.78Y	123.2	0.00	2.83	0.45	0	6	2	95	0.00	0.0	7.668	0.031	0	0	0	4
459830	PL.22526	A	Consumer	14.78Y	123.2	0.00	2.83	0.09	0	1	0	100	0.00	0.0	7.668	0.000	1	0	1	1
PL.22527	PL.22526	A	4ACSR	14.78Y	123.2	0.00	2.83	0.37	0	5	2	93	0.00	0.0	7.707	0.039	0	0	0	3
PL.22525	PL.22527	A	4ACSR	14.78Y	123.2	0.00	2.83	0.30	0	4	2	89	0.00	0.0	7.760	0.053	0	0	0	2
459829	PL.22525	A	Consumer	14.78Y	123.2	0.00	2.83	0.19	0	3	1	95	0.00	0.0	7.760	0.000	3	1	1	1
PL.22328	PL.22525	A	4ACSR	14.78Y	123.2	0.00	2.83	0.11	0	2	1	89	0.00	0.0	7.838	0.077	0	0	0	1
459833	PL.22328	A	Consumer	14.78Y	123.2	0.00	2.83	0.11	0	2	1	89	0.00	0.0	7.838	0.000	2	1	1	1
459828	PL.22527	A	Consumer	14.78Y	123.2	0.00	2.83	0.06	0	1	0	100	0.00	0.0	7.707	0.000	1	0	1	1
PL.41732	PL.21655	A	4ACSR	14.79Y	123.2	0.00	2.79	0.47	0	6	3	89	0.00	0.0	7.569	0.014	0	0	0	6
PD.7622	PL.41732	A	fuse6AMP	14.79Y	123.2	0.00	2.79	0.47	8	6	3	89	0.00	0.0	7.569	0.000	0	0	0	6
PL.41733	PD.7622	A	4ACSR	14.78Y	123.2	0.00	2.79	0.47	0	6	3	89	0.00	0.0	7.606	0.038	0	0	0	6
PL.23170	PL.41733	A	4ACSR	14.78Y	123.2	0.00	2.79	0.41	0	6	2	95	0.00	0.0	7.650	0.044	0	0	0	4
459821	PL.23170	A	Consumer	14.78Y	123.2	0.00	2.79	0.09	0	1	1	71	0.00	0.0	7.650	0.000	1	1	1	1
PL.22514	PL.23170	A	4ACSR	14.78Y	123.2	0.00	2.79	0.31	0	4	2	89	0.00	0.0	7.708	0.057	0	0	0	3
PL.22329	PL.22514	A	4ACSR	14.78Y	123.2	0.00	2.79	0.02	0	0	0	100	0.00	0.0	7.765	0.057	0	0	0	1
459835	PL.22329	A	Consumer	14.78Y	123.2	0.00	2.79	0.02	0	0	0	100	0.00	0.0	7.765	0.000	0	0	1	1
459836	PL.22514	A	Consumer	14.78Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	7.708	0.000	0	0	1	1
459832	PL.22514	A	Consumer	14.78Y	123.2	0.00	2.79	0.30	0	4	2	89	0.00	0.0	7.708	0.000	4	2	1	1
459818	PL.41733	A	Consumer	14.78Y	123.2	0.00	2.79	0.02	0	0	0	100	0.00	0.0	7.606	0.000	0	0	1	1
459819	PL.41733	A	Consumer	14.78Y	123.2	0.00	2.79	0.04	0	1	0	100	0.00	0.0	7.606	0.000	1	0	1	1
459820	PL.41733	A	Consumer	14.78Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	7.606	0.000	0	0	0	0
459817	PL.41733	A	Consumer	14.78Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	7.606	0.000	0	0	0	0
PL.21207	PL.21835	A	4ACSR	14.80Y	123.3	0.00	2.66	0.02	0	0	0	100	0.00	0.0	7.338	0.047	0	0	0	1
030835	PL.21207	A	Consumer	14.80Y	123.3	0.00	2.66	0.02	0	0	0	100	0.00	0.0	7.338	0.000	0	0	1	1
030801	PL.21834	A	Consumer	14.82Y	123.5	0.00	2.51	0.02	0	0	0	100	0.00	0.0	6.988	0.000	0	0	1	1
030828	PL.28224	A	Consumer	14.83Y	123.6	0.00	2.42	0.01	0	0	0	100	0.00	0.0	6.812	0.000	0	0	1	1
030821	PL.28224	A	Consumer	14.83Y	123.6	0.00	2.42	0.02	0	0	0	100	0.00	0.0	6.812	0.000	0	0	1	1
030804	PL.10974	A	Consumer	14.84Y	123.7	0.00	2.35	0.02	0	0	0	100	0.00	0.0	6.659	0.000	0	0	1	1
030850	PL.10974	A	Consumer	14.84Y	123.7	0.00	2.35	0.09	0	1	1	71	0.00	0.0	6.659	0.000	1	1	1	1

Unbalanced Voltage Drop Report
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Detail

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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-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
030826	PL.10974	A	Consumer	14.84Y	123.7	0.00	2.35	0.18	0	3	1	95	0.00	0.0	6.659	0.000	3	1	1	1
030831	PL.10424	A	Consumer	14.84Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	6.614	0.000	0	0	1	1
030805	PL.10424	A	Consumer	14.84Y	123.7	0.00	2.33	0.40	0	5	2	93	0.00	0.0	6.614	0.000	5	2	1	1
030839	PL.10424	A	Consumer	14.84Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	6.614	0.000	0	0	0	0
030834	PL.10424	A	Consumer	14.84Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	6.614	0.000	0	0	1	1
031818	PL.18341	A	Consumer	14.86Y	123.8	0.00	2.20	0.01	0	0	0	100	0.00	0.0	6.368	0.000	0	0	1	1
031825	PL.18341	A	Consumer	14.86Y	123.8	0.00	2.20	0.24	0	3	1	95	0.00	0.0	6.368	0.000	3	1	1	1
PL.46095	PL.18796	A	1/0ACSR	14.87Y	123.9	0.01	2.09	50.19	25	719	199	96	0.05	0.0	6.161	0.013	0	0	0	354
		B		15.07Y	125.6	0.00	0.39	33.23	17	490	102	98					0	0	0	243
		C		15.05Y	125.4	0.00	0.60	25.95	13	385	62	99					0	0	0	141
PD.255-A	PL.46095	A	Closed	14.87Y	123.9	0.00	2.09	50.19	0	719	199	96	0.00	0.0	6.161	0.000	0	0	0	354
		B		15.07Y	125.6	0.00	0.39	33.23	0	490	102	98					0	0	0	243
		C		15.05Y	125.4	0.00	0.60	25.95	0	385	62	99					0	0	0	141
PD.255-B	PD.255-A	A	Closed	14.87Y	123.9	0.00	2.09	50.19	0	719	199	96	0.00	0.0	6.161	0.000	0	0	0	354
		B		15.07Y	125.6	0.00	0.39	33.23	0	490	102	98					0	0	0	243
		C		15.05Y	125.4	0.00	0.60	25.95	0	385	62	99					0	0	0	141
PL.46096	PD.255-B	A	1/0ACSR	14.86Y	123.8	0.11	2.20	50.19	25	719	199	96	0.76	0.0	6.360	0.199	0	0	0	354
		B		15.07Y	125.6	0.04	0.42	33.23	17	490	102	98					0	0	0	243
		C		15.04Y	125.4	0.04	0.64	25.95	13	385	62	99					0	0	0	141
PL.16202	PL.46096	A	1/0ACSR	14.81Y	123.4	0.39	2.59	49.82	25	713	197	96	2.77	0.2	7.097	0.737	0	0	0	344
		B		15.05Y	125.4	0.14	0.57	33.23	17	490	102	98					0	0	0	243
		C		15.03Y	125.2	0.15	0.79	25.95	13	385	62	99					0	0	0	141
PD.252-A	PL.16202	A	Closed	14.81Y	123.4	0.00	2.59	49.82	0	712	195	96	0.00	0.0	7.097	0.000	0	0	0	344
		B		15.05Y	125.4	0.00	0.57	33.23	0	490	101	98					0	0	0	243
		C		15.03Y	125.2	0.00	0.79	25.95	0	385	62	99					0	0	0	141
PD.252-B	PD.252-A	A	Closed	14.81Y	123.4	0.00	2.59	49.82	0	712	195	96	0.00	0.0	7.097	0.000	0	0	0	344
		B		15.05Y	125.4	0.00	0.57	33.23	0	490	101	98					0	0	0	243
		C		15.03Y	125.2	0.00	0.79	25.95	0	385	62	99					0	0	0	141
PL.43748	PD.252-B	A	1/0ACSR	14.81Y	123.4	0.00	2.59	49.82	25	712	195	96	0.03	0.0	7.105	0.008	0	0	0	344
		B		15.05Y	125.4	0.00	0.57	33.23	17	490	101	98					0	0	0	243
		C		15.02Y	125.2	0.00	0.79	25.95	13	385	62	99					0	0	0	141
PL.43749	PL.43748	A	1/0ACSR	14.81Y	123.4	0.00	2.59	49.82	25	712	195	96	0.00	0.0	7.105	0.000	0	0	0	344
		B		15.05Y	125.4	0.00	0.57	33.23	17	490	101	98					0	0	0	243
		C		15.02Y	125.2	0.00	0.79	25.91	13	384	62	99					0	0	0	138
030904	PL.43749	C	Consumer	15.02Y	125.2	0.00	0.79	0.04	0	1	0	100	0.00	0.0	7.105	0.000	1	0	1	1
PL.10969	PL.43749	A	1/0ACSR	14.79Y	123.3	0.13	2.72	49.82	25	712	195	96	0.91	0.1	7.347	0.242	0	0	0	344
		B		15.05Y	125.4	0.05	0.62	33.23	17	490	101	98					0	0	0	243
		C		15.02Y	125.2	0.05	0.84	25.87	13	384	62	99					0	0	0	137
PL.10970	PL.10969	A	1/0ACSR	14.79Y	123.2	0.07	2.79	49.82	25	711	194	96	0.48	0.0	7.477	0.129	0	0	0	344
		B		15.04Y	125.4	0.03	0.64	33.23	17	490	101	98					0	0	0	243
		C		15.02Y	125.1	0.03	0.87	25.48	13	378	60	99					0	0	0	134
PL.20029	PL.10970	A	1/0ACSR	14.78Y	123.2	0.03	2.82	49.82	25	711	194	96	0.23	0.0	7.537	0.061	0	0	0	344
		B		15.04Y	125.3	0.01	0.65	33.23	17	490	101	98					0	0	0	243
		C		15.01Y	125.1	0.01	0.88	25.45	13	377	59	99					0	0	0	131
PL.20030	PL.20029	A	1/0ACSR	14.78Y	123.1	0.04	2.86	49.82	25	710	194	96	0.25	0.0	7.604	0.067	0	0	0	344
		B		15.04Y	125.3	0.01	0.67	33.23	17	490	101	98					0	0	0	243
		C		15.01Y	125.1	0.01	0.89	25.23	13	374	58	99					0	0	0	128
030917	PL.20030	B	Consumer	15.04Y	125.3	0.00	0.67	0.03	0	0	0	100	0.00	0.0	7.604	0.000	0	0	1	1
030910	PL.20030	B	Consumer	15.04Y	125.3	0.00	0.67	0.15	0	2	1	89	0.00	0.0	7.604	0.000	2	1	1	1
PL.6276	PL.20030	A	1/0ACSR	14.77Y	123.1	0.08	2.94	49.82	25	710	194	96	0.57	0.0	7.757	0.152	0	0	0	344
		B		15.04Y	125.3	0.03	0.70	33.05	16	487	100	98					0	0	0	241
		C		15.01Y	125.1	0.03	0.92	25.23	13	374	58	99					0	0	0	128

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
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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.190	PL.6276	A	1/0ACSR	14.76Y	123.0	0.03	2.97	49.82	25	710	193	96	0.23	0.0	7.818	0.061	0	0	0	344		
		B		15.03Y	125.3	0.01	0.71	33.05	16	487	99	98					0	0	0	241		
		C		15.01Y	125.1	0.01	0.93	25.23	13	374	58	99					0	0	0	128		
PL.3189	PL.190	C	4ACSR	15.01Y	125.1	0.00	0.93	1.70	1	23	11	90	0.00	0.0	7.841	0.022	0	0	0	1		
040212	PL.3189	C	Consumer	15.01Y	125.1	0.00	0.93	1.70	0	23	11	90	0.00	0.0	7.841	0.000	23	11	1	1		
PL.189	PL.190	A	4/0ACSR	14.75Y	122.9	0.11	3.08	49.82	17	710	193	96	0.57	0.0	8.122	0.304	0	0	0	344		
		B		15.03Y	125.3	0.02	0.73	33.05	12	487	99	98					0	0	0	241		
		C		15.00Y	125.0	0.03	0.96	23.62	8	351	47	99					0	0	0	127		
PL.10971	PL.189	A	1/0ACSR	14.72Y	122.7	0.24	3.32	49.82	25	709	192	97	1.63	0.1	8.566	0.444	0	0	0	344		
		B		15.02Y	125.2	0.08	0.82	33.05	16	487	99	98					0	0	0	241		
		C		15.00Y	125.0	0.08	1.04	23.62	12	351	47	99					0	0	0	127		
PL.10972	PL.10971	A	2ACSR	14.72Y	122.6	0.03	3.35	49.82	32	708	191	97	0.25	0.0	8.611	0.045	0	0	0	344		
		B		15.02Y	125.2	0.01	0.83	33.05	21	487	98	98					0	0	0	241		
		C		14.99Y	125.0	0.01	1.05	21.87	14	326	36	99					0	0	0	121		
PL.20746	PL.10972	A	2ACSR	14.72Y	122.6	0.01	3.37	49.82	32	708	191	97	0.11	0.0	8.630	0.019	0	0	0	344		
		B		15.02Y	125.2	0.01	0.84	33.05	21	487	98	98					0	0	0	241		
		C		14.99Y	124.9	0.00	1.05	21.87	14	326	36	99					0	0	0	121		
PL.20747	PL.20746	A	2ACSR	14.71Y	122.6	0.05	3.41	49.82	32	708	191	97	0.37	0.0	8.695	0.065	0	0	0	344		
		B		15.02Y	125.1	0.02	0.86	33.05	21	487	98	98					0	0	0	241		
		C		14.99Y	124.9	0.02	1.07	21.87	14	326	36	99					0	0	0	121		
PL.7304	PL.20747	A	2ACSR	14.71Y	122.5	0.04	3.45	49.82	32	708	191	97	0.27	0.0	8.742	0.047	0	0	0	344		
		B		15.02Y	125.1	0.02	0.87	32.90	21	484	98	98					0	0	0	240		
		C		14.99Y	124.9	0.01	1.08	21.87	14	326	36	99					0	0	0	121		
PL.3188	PL.7304	C	4ACSR	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	8.812	0.070	0	0	0	0		
040213	PL.7304	C	Consumer	14.99Y	124.9	0.00	1.08	0.41	0	6	2	95	0.00	0.0	8.742	0.000	6	2	1	1		
P PL.45893	PL.7304	A	2ACSR	14.71Y	122.5	-0.00	3.45	-0.05	0	0	-1	0	0.00	0.0	8.755	0.013	0	0	0	0 P		
PD.8681	PL.45893	A	fuse6AMP	14.71Y	122.5	0.00	3.45	-0.05	1	0	-1	0	0.00	0.0	8.755	0.000	0	0	0	0		
P PL.45894	PD.8681	A	2ACSR	14.71Y	122.5	-0.00	3.45	-0.05	0	0	-1	0	0.00	0.0	8.798	0.043	0	0	0	0 P		
P PL.45892	PL.45894	A	1/0EPRJCN	14.71Y	122.5	-0.00	3.45	-0.05	0	0	-1	0	0.00	0.0	8.836	0.037	0	0	0	0 P		
0402013	PL.45892	A	Consumer	14.71Y	122.5	0.00	3.45	0.00	0	0	0	100	0.00	0.0	8.836	0.000	0	0	0	0		
0402014	PL.45892	A	Consumer	14.71Y	122.5	0.00	3.45	0.00	0	0	0	100	0.00	0.0	8.836	0.000	0	0	0	0		
PL.19187	PL.7304	A	2ACSR	14.70Y	122.5	0.04	3.49	49.83	32	707	192	97	0.34	0.0	8.802	0.059	0	0	0	344		
		B		15.01Y	125.1	0.02	0.89	32.90	21	484	97	98					0	0	0	240		
		C		14.99Y	124.9	0.01	1.09	21.47	14	320	34	99					0	0	0	120		
040216	PL.19187	B	Consumer	15.01Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	8.802	0.000	0	0	0	0		
040218	PL.19187	A	Consumer	14.70Y	122.5	0.00	3.49	0.91	0	12	5	92	0.00	0.0	8.802	0.000	12	5	1	1		
PL.19188	PL.19187	A	2ACSR	14.69Y	122.5	0.05	3.54	48.93	31	695	187	97	0.35	0.0	8.865	0.063	0	0	0	343		
		B		15.01Y	125.1	0.02	0.91	32.90	21	484	97	98					0	0	0	240		
		C		14.99Y	124.9	0.01	1.11	21.47	14	320	34	99					0	0	0	120		
PL.7305	PL.19188	A	2ACSR	14.69Y	122.4	0.03	3.57	48.93	31	694	186	97	0.19	0.0	8.899	0.034	0	0	0	343		
		B		15.01Y	125.1	0.01	0.93	32.78	21	482	97	98					0	0	0	239		
		C		14.99Y	124.9	0.01	1.11	21.47	14	320	34	99					0	0	0	120		
PL.18129	PL.7305	A	4ACSR	14.69Y	122.4	0.00	3.57	4.30	4	58	26	91	0.00	0.0	8.905	0.006	0	0	0	6		
PD.1987	PL.18129	A	fuse6AMP	14.69Y	122.4	0.00	3.57	4.30	73	58	26	91	0.00	0.0	8.905	0.000	0	0	0	6		
PL.18130	PD.1987	A	4ACSR	14.69Y	122.4	0.00	3.57	4.30	4	58	26	91	0.00	0.0	8.920	0.016	0	0	0	6		
040208	PL.18130	A	Consumer	14.69Y	122.4	0.00	3.57	2.84	0	38	18	90	0.00	0.0	8.920	0.000	38	18	1	1		
040210	PL.18130	A	Consumer	14.69Y	122.4	0.00	3.57	0.21	0	3	1	95	0.00	0.0	8.920	0.000	3	1	1	1		
PL.10975	PL.18130	A	4ACSR	14.69Y	122.4	0.01	3.58	1.25	1	17	7	92	0.00	0.0	9.269	0.349	0	0	0	4		

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 CWP.WM\
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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 various elements like PL.3187, 040211, PL.10986, 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.7319, PL.17979, PD.3694, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.17897, PD.3693, PL.18228, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

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

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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.192	PL.6843	A	2ACSR	14.60Y	121.7	0.03	4.32	30.39	19	425	129	96	0.21	0.0	10.281	0.070	0	0	0	197		
		B		14.95Y	124.6	0.03	1.43	30.50	20	436	132	96					0	0	0	224		
		C		14.95Y	124.6	0.01	1.40	16.96	11	247	56	98					0	0	0	105		
PL.19122	PL.192	C	4ACSR	14.95Y	124.6	0.00	1.40	0.11	0	2	1	89	0.00	0.0	10.314	0.033	0	0	0	2		
PL.19123	PL.19122	C	4ACSR	14.95Y	124.6	0.00	1.40	0.11	0	2	1	89	0.00	0.0	10.340	0.025	0	0	0	2		
0404119	PL.19123	C	Consumer	14.95Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	10.340	0.000	0	0	1	1		
040491	PL.19123	C	Consumer	14.95Y	124.6	0.00	1.40	0.11	0	2	1	89	0.00	0.0	10.340	0.000	2	1	1	1		
PL.46097	PL.192	B	4ACSR	14.95Y	124.6	0.00	1.43	1.08	1	15	6	93	0.00	0.0	10.293	0.011	0	0	0	8		
PD.8718	PL.46097	B	fuse6AMP	14.95Y	124.6	0.00	1.43	1.08	18	15	6	93	0.00	0.0	10.293	0.000	0	0	0	8		
PL.46098	PD.8718	B	4ACSR	14.95Y	124.6	0.00	1.43	1.08	1	15	6	93	0.00	0.0	10.354	0.061	0	0	0	8		
0404128	PL.46098	B	Consumer	14.95Y	124.6	0.00	1.43	0.26	0	4	1	97	0.00	0.0	10.354	0.000	4	1	1	1		
PL.7355	PL.46098	B	4ACSR	14.95Y	124.6	0.00	1.43	0.81	1	11	4	94	0.00	0.0	10.568	0.214	0	0	0	7		
PL.30322	PL.7355	B	4ACSR	14.95Y	124.6	0.00	1.43	0.60	1	8	3	94	0.00	0.0	10.643	0.076	0	0	0	4		
0414125	PL.30322	B	Consumer	14.95Y	124.6	0.00	1.43	0.48	0	7	3	92	0.00	0.0	10.643	0.000	7	3	1	1		
PL.30323	PL.30322	B	4ACSR	14.95Y	124.6	0.00	1.43	0.12	0	2	1	89	0.00	0.0	10.678	0.035	0	0	0	3		
PL.30320	PL.30323	B	4ACSR	14.95Y	124.6	0.00	1.43	0.04	0	1	0	100	0.00	0.0	10.753	0.075	0	0	0	1		
0414123	PL.30320	B	Consumer	14.95Y	124.6	0.00	1.43	0.04	0	1	0	100	0.00	0.0	10.753	0.000	1	0	1	1		
PL.30321	PL.30320	B	4ACSR	14.95Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	10.783	0.030	0	0	0	0		
PL.30788	PL.30323	B	4ACSR	14.95Y	124.6	0.00	1.43	0.05	0	1	0	100	0.00	0.0	10.783	0.105	0	0	0	1		
0414127	PL.30788	B	Consumer	14.95Y	124.6	0.00	1.43	0.05	0	1	0	100	0.00	0.0	10.783	0.000	1	0	1	1		
PL.30789	PL.30788	B	4ACSR	14.95Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	10.825	0.041	0	0	0	0		
0414107	PL.30323	B	Consumer	14.95Y	124.6	0.00	1.43	0.03	0	0	0	100	0.00	0.0	10.678	0.000	0	0	1	1		
0414119	PL.7355	B	Consumer	14.95Y	124.6	0.00	1.43	0.08	0	1	0	100	0.00	0.0	10.568	0.000	1	0	1	1		
0414122	PL.7355	B	Consumer	14.95Y	124.6	0.00	1.43	0.07	0	1	0	100	0.00	0.0	10.568	0.000	1	0	1	1		
0414126	PL.7355	B	Consumer	14.95Y	124.6	0.00	1.43	0.07	0	1	0	100	0.00	0.0	10.568	0.000	1	0	1	1		
PL.28094	PL.192	A	4ACSR	14.60Y	121.7	0.00	4.33	9.90	8	135	53	93	0.00	0.0	10.290	0.008	0	0	0	87		
PD.3702	PL.28094	A	35E	14.60Y	121.7	0.00	4.33	9.90	28	135	53	93	0.00	0.0	10.290	0.000	0	0	0	87		
PL.28095	PD.3702	A	4ACSR	14.60Y	121.7	0.02	4.35	9.90	8	135	53	93	0.02	0.0	10.383	0.093	0	0	0	87		
PL.11498	PL.28095	A	4ACSR	14.60Y	121.6	0.03	4.37	9.02	8	123	48	93	0.02	0.0	10.508	0.124	0	0	0	85		
PL.20344	PL.11498	A	4ACSR	14.59Y	121.6	0.00	4.38	6.35	5	86	34	93	0.00	0.0	10.542	0.034	0	0	0	65		
C PD.1838	PL.20344	A	fuse6AMP	14.59Y	121.6	0.00	4.38	6.35	108	86	34	93	0.00	0.0	10.542	0.000	0	0	0	65 C		
PL.20345	PD.1838	A	4ACSR	14.59Y	121.6	0.00	4.38	6.35	5	86	34	93	0.00	0.0	10.547	0.005	0	0	0	65		
PL.19025	PL.20345	A	4ACSR	14.59Y	121.6	0.00	4.38	6.13	5	83	33	93	0.00	0.0	10.582	0.035	0	0	0	63		
PL.11499	PL.19025	A	4ACSR	14.59Y	121.6	0.01	4.39	5.78	5	79	31	93	0.01	0.0	10.650	0.068	0	0	0	62		
041491	PL.11499	A	Consumer	14.59Y	121.6	0.00	4.39	0.00	0	0	0	100	0.00	0.0	10.650	0.000	0	0	1	1		
041424	PL.11499	A	Consumer	14.59Y	121.6	0.00	4.39	0.00	0	0	0	100	0.00	0.0	10.650	0.000	0	0	1	1		
041450	PL.11499	A	Consumer	14.59Y	121.6	0.00	4.39	0.01	0	0	0	100	0.00	0.0	10.650	0.000	0	0	1	1		
0414100	PL.11499	A	Consumer	14.59Y	121.6	0.00	4.39	0.03	0	0	0	100	0.00	0.0	10.650	0.000	0	0	1	1		
041425	PL.11499	A	Consumer	14.59Y	121.6	0.00	4.39	0.04	0	1	0	100	0.00	0.0	10.650	0.000	1	0	1	1		

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.7340	PL.11499	A	4ACSR	14.59Y	121.6	0.01	4.40	5.70	5	78	30	93	0.01	0.0	10.737	0.087	0	0	0	57
0414101	PL.7340	A	Consumer	14.59Y	121.6	0.00	4.40	0.10	0	1	1	71	0.00	0.0	10.737	0.000	1	1	1	1
041411	PL.7340	A	Consumer	14.59Y	121.6	0.00	4.40	0.02	0	0	0	100	0.00	0.0	10.737	0.000	0	0	1	1
PL.11235	PL.7340	A	4ACSR	14.59Y	121.6	0.01	4.41	5.58	5	76	30	93	0.00	0.0	10.792	0.055	0	0	0	55
PL.11236	PL.11235	A	4ACSR	14.59Y	121.6	0.00	4.41	4.91	4	67	26	93	0.00	0.0	10.818	0.026	0	0	0	51
041412	PL.11236	A	Consumer	14.59Y	121.6	0.00	4.41	0.04	0	1	0	100	0.00	0.0	10.818	0.000	1	0	1	1
041415	PL.11236	A	Consumer	14.59Y	121.6	0.00	4.41	0.00	0	0	0	100	0.00	0.0	10.818	0.000	0	0	1	1
041437	PL.11236	A	Consumer	14.59Y	121.6	0.00	4.41	0.03	0	0	0	100	0.00	0.0	10.818	0.000	0	0	1	1
041414	PL.11236	A	Consumer	14.59Y	121.6	0.00	4.41	0.08	0	1	0	100	0.00	0.0	10.818	0.000	1	0	1	1
PL.11505	PL.11236	A	4ACSR	14.59Y	121.6	0.01	4.42	4.75	4	65	25	93	0.00	0.0	10.880	0.062	0	0	0	47
PL.7334	PL.11505	A	4ACSR	14.59Y	121.6	0.00	4.42	4.26	4	58	23	93	0.00	0.0	10.914	0.034	0	0	0	45
PL.11238	PL.7334	A	4ACSR	14.59Y	121.6	0.01	4.43	4.16	3	57	22	93	0.00	0.0	10.969	0.056	0	0	0	44
041418	PL.11238	A	Consumer	14.59Y	121.6	0.00	4.43	0.03	0	0	0	100	0.00	0.0	10.969	0.000	0	0	1	1
041417	PL.11238	A	Consumer	14.59Y	121.6	0.00	4.43	0.15	0	2	1	89	0.00	0.0	10.969	0.000	2	1	1	1
041420	PL.11238	A	Consumer	14.59Y	121.6	0.00	4.43	0.13	0	2	1	89	0.00	0.0	10.969	0.000	2	1	1	1
PL.11239	PL.11238	A	4ACSR	14.59Y	121.6	0.00	4.43	3.86	3	52	20	93	0.00	0.0	10.982	0.013	0	0	0	41
PL.11237	PL.11239	A	4ACSR	14.59Y	121.6	0.00	4.44	3.86	3	52	20	93	0.00	0.0	11.035	0.053	0	0	0	41
041483	PL.11237	A	Consumer	14.59Y	121.6	0.00	4.44	0.01	0	0	0	100	0.00	0.0	11.035	0.000	0	0	1	1
041419	PL.11237	A	Consumer	14.59Y	121.6	0.00	4.44	0.01	0	0	0	100	0.00	0.0	11.035	0.000	0	0	1	1
041478	PL.11237	A	Consumer	14.59Y	121.6	0.00	4.44	0.00	0	0	0	100	0.00	0.0	11.035	0.000	0	0	0	0
PL.7339	PL.11237	A	4ACSR	14.59Y	121.6	0.00	4.44	3.39	3	46	18	93	0.00	0.0	11.079	0.044	0	0	0	36
PL.7332	PL.7339	A	4ACSR	14.59Y	121.6	0.00	4.44	1.69	1	23	9	93	0.00	0.0	11.159	0.080	0	0	0	13
PL.7333	PL.7332	A	4ACSR	14.59Y	121.6	0.00	4.44	1.48	1	20	8	93	0.00	0.0	11.185	0.027	0	0	0	11
041486	PL.7333	A	Consumer	14.59Y	121.6	0.00	4.44	0.32	0	4	2	89	0.00	0.0	11.185	0.000	4	2	1	1
041432	PL.7333	A	Consumer	14.59Y	121.6	0.00	4.44	0.14	0	2	1	89	0.00	0.0	11.185	0.000	2	1	1	1
041490	PL.7333	A	Consumer	14.59Y	121.6	0.00	4.44	0.00	0	0	0	100	0.00	0.0	11.185	0.000	0	0	0	0
041487	PL.7333	A	Consumer	14.59Y	121.6	0.00	4.44	0.00	0	0	0	100	0.00	0.0	11.185	0.000	0	0	0	0
PL.19304	PL.7333	A	4ACSR	14.59Y	121.6	0.00	4.44	1.02	1	14	5	94	0.00	0.0	11.255	0.070	0	0	0	9
PL.19305	PL.19304	A	4ACSR	14.59Y	121.6	0.00	4.44	0.96	1	13	5	93	0.00	0.0	11.278	0.023	0	0	0	8
041469	PL.19305	A	Consumer	14.59Y	121.6	0.00	4.44	0.07	0	1	0	100	0.00	0.0	11.278	0.000	1	0	1	1
041431	PL.19305	A	Consumer	14.59Y	121.6	0.00	4.44	0.24	0	3	1	95	0.00	0.0	11.278	0.000	3	1	1	1
041430	PL.19305	A	Consumer	14.59Y	121.6	0.00	4.44	0.04	0	0	0	100	0.00	0.0	11.278	0.000	0	0	1	1
0414109	PL.19305	A	Consumer	14.59Y	121.6	0.00	4.44	0.14	0	2	1	89	0.00	0.0	11.278	0.000	2	1	1	1
PL.7329	PL.19305	A	4ACSR	14.59Y	121.6	0.00	4.45	0.47	0	6	3	89	0.00	0.0	11.335	0.056	0	0	0	4
041458	PL.7329	A	Consumer	14.59Y	121.6	0.00	4.45	0.00	0	0	0	100	0.00	0.0	11.335	0.000	0	0	1	1
041498	PL.7329	A	Consumer	14.59Y	121.6	0.00	4.45	0.00	0	0	0	100	0.00	0.0	11.335	0.000	0	0	0	0
041461	PL.7329	A	Consumer	14.59Y	121.6	0.00	4.45	0.00	0	0	0	100	0.00	0.0	11.335	0.000	0	0	0	0
041489	PL.7329	A	Consumer	14.59Y	121.6	0.00	4.45	0.23	0	3	1	95	0.00	0.0	11.335	0.000	3	1	1	1

Unbalanced Voltage Drop Report
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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							
041444	PL.7329	A	Consumer	14.59Y	121.6	0.00	4.45	0.22	0	3	1	95	0.00	0.0	11.335	0.000	3	1	1	1
041494	PL.7329	A	Consumer	14.59Y	121.6	0.00	4.45	0.02	0	0	0	100	0.00	0.0	11.335	0.000	0	0	1	1
041436	PL.19304	A	Consumer	14.59Y	121.6	0.00	4.44	0.00	0	0	0	100	0.00	0.0	11.255	0.000	0	0	0	0
041435	PL.19304	A	Consumer	14.59Y	121.6	0.00	4.44	0.06	0	1	0	100	0.00	0.0	11.255	0.000	1	0	1	1
041499	PL.7332	A	Consumer	14.59Y	121.6	0.00	4.44	0.09	0	1	0	100	0.00	0.0	11.159	0.000	1	0	1	1
041423	PL.7332	A	Consumer	14.59Y	121.6	0.00	4.44	0.13	0	2	1	89	0.00	0.0	11.159	0.000	2	1	1	1
PL.11240	PL.7339	A	4ACSR	14.59Y	121.6	0.00	4.44	1.20	1	16	6	94	0.00	0.0	11.117	0.038	0	0	0	20
041477	PL.11240	A	Consumer	14.59Y	121.6	0.00	4.44	0.11	0	2	1	89	0.00	0.0	11.117	0.000	2	1	1	1
041429	PL.11240	A	Consumer	14.59Y	121.6	0.00	4.44	0.06	0	1	0	100	0.00	0.0	11.117	0.000	1	0	1	1
PL.11241	PL.11240	A	4ACSR	14.59Y	121.6	0.00	4.44	1.04	1	14	5	94	0.00	0.0	11.170	0.053	0	0	0	18
041456	PL.11241	A	Consumer	14.59Y	121.6	0.00	4.44	0.03	0	0	0	100	0.00	0.0	11.170	0.000	0	0	1	1
041452	PL.11241	A	Consumer	14.59Y	121.6	0.00	4.44	0.02	0	0	0	100	0.00	0.0	11.170	0.000	0	0	1	1
041468	PL.11241	A	Consumer	14.59Y	121.6	0.00	4.44	0.03	0	0	0	100	0.00	0.0	11.170	0.000	0	0	1	1
PL.7338	PL.11241	A	4ACSR	14.59Y	121.6	0.00	4.44	0.95	1	13	5	93	0.00	0.0	11.241	0.071	0	0	0	15
PL.11503	PL.7338	A	4ACSR	14.59Y	121.6	0.00	4.44	0.72	1	10	4	93	0.00	0.0	11.280	0.039	0	0	0	12
PL.11504	PL.11503	A	4ACSR	14.59Y	121.6	0.00	4.44	0.68	1	9	4	91	0.00	0.0	11.348	0.068	0	0	0	9
041480	PL.11504	A	Consumer	14.59Y	121.6	0.00	4.44	0.08	0	1	0	100	0.00	0.0	11.348	0.000	1	0	1	1
041493	PL.11504	A	Consumer	14.59Y	121.6	0.00	4.44	0.08	0	1	0	100	0.00	0.0	11.348	0.000	1	0	1	1
0414132	PL.11504	A	Consumer	14.59Y	121.6	0.00	4.44	0.01	0	0	0	100	0.00	0.0	11.348	0.000	0	0	1	1
PL.7337	PL.11504	A	4ACSR	14.59Y	121.6	0.00	4.44	0.50	0	7	3	92	0.00	0.0	11.400	0.053	0	0	0	6
0414120	PL.7337	A	Consumer	14.59Y	121.6	0.00	4.44	0.09	0	1	1	71	0.00	0.0	11.400	0.000	1	1	1	1
041476	PL.7337	A	Consumer	14.59Y	121.6	0.00	4.44	0.03	0	0	0	100	0.00	0.0	11.400	0.000	0	0	1	1
041445	PL.7337	A	Consumer	14.59Y	121.6	0.00	4.44	0.03	0	0	0	100	0.00	0.0	11.400	0.000	0	0	1	1
041443	PL.7337	A	Consumer	14.59Y	121.6	0.00	4.44	0.00	0	0	0	100	0.00	0.0	11.400	0.000	0	0	1	1
PL.7330	PL.7337	A	4ACSR	14.59Y	121.6	0.00	4.45	0.34	0	5	2	93	0.00	0.0	11.480	0.079	0	0	0	2
041467	PL.7330	A	Consumer	14.59Y	121.6	0.00	4.45	0.02	0	0	0	100	0.00	0.0	11.480	0.000	0	0	1	1
041459	PL.7330	A	Consumer	14.59Y	121.6	0.00	4.45	0.32	0	4	2	89	0.00	0.0	11.480	0.000	4	2	1	1
041442	PL.11503	A	Consumer	14.59Y	121.6	0.00	4.44	0.02	0	0	0	100	0.00	0.0	11.280	0.000	0	0	1	1
041463	PL.11503	A	Consumer	14.59Y	121.6	0.00	4.44	0.01	0	0	0	100	0.00	0.0	11.280	0.000	0	0	1	1
041441	PL.11503	A	Consumer	14.59Y	121.6	0.00	4.44	0.02	0	0	0	100	0.00	0.0	11.280	0.000	0	0	1	1
041451	PL.11503	A	Consumer	14.59Y	121.6	0.00	4.44	0.00	0	0	0	100	0.00	0.0	11.280	0.000	0	0	0	0
041482	PL.7338	A	Consumer	14.59Y	121.6	0.00	4.44	0.00	0	0	0	100	0.00	0.0	11.241	0.000	0	0	0	0
041466	PL.7338	A	Consumer	14.59Y	121.6	0.00	4.44	0.07	0	1	0	100	0.00	0.0	11.241	0.000	1	0	1	1
041488	PL.7338	A	Consumer	14.59Y	121.6	0.00	4.44	0.13	0	2	1	89	0.00	0.0	11.241	0.000	2	1	1	1
041440	PL.7338	A	Consumer	14.59Y	121.6	0.00	4.44	0.03	0	0	0	100	0.00	0.0	11.241	0.000	0	0	1	1
041422	PL.7339	A	Consumer	14.59Y	121.6	0.00	4.44	0.05	0	1	0	100	0.00	0.0	11.079	0.000	1	0	1	1
041421	PL.7339	A	Consumer	14.59Y	121.6	0.00	4.44	0.44	0	6	2	95	0.00	0.0	11.079	0.000	6	2	1	1
0414131	PL.7339	A	Consumer	14.59Y	121.6	0.00	4.44	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\SUMMER\PROPOSED SUMMER 06-10 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.7342	PL.11237	A	4ACSR	14.59Y	121.6	0.00	4.44	0.45	0	6	2	95	0.00	0.0	11.097	0.062	0	0	0	3
0414102	PL.7342	A	Consumer	14.59Y	121.6	0.00	4.44	0.00	0	0	0	100	0.00	0.0	11.097	0.000	0	0	0	0
PL.7343	PL.7342	A	4ACSR	14.59Y	121.6	0.00	4.44	0.45	0	6	2	95	0.00	0.0	11.183	0.086	0	0	0	3
041454	PL.7343	A	Consumer	14.59Y	121.6	0.00	4.44	0.02	0	0	0	100	0.00	0.0	11.183	0.000	0	0	1	1
041485	PL.7343	A	Consumer	14.59Y	121.6	0.00	4.44	0.08	0	1	0	100	0.00	0.0	11.183	0.000	1	0	1	1
041455	PL.7343	A	Consumer	14.59Y	121.6	0.00	4.44	0.35	0	5	2	93	0.00	0.0	11.183	0.000	5	2	1	1
041416	PL.7334	A	Consumer	14.59Y	121.6	0.00	4.42	0.10	0	1	1	71	0.00	0.0	10.914	0.000	1	1	1	1
041470	PL.11505	A	Consumer	14.59Y	121.6	0.00	4.42	0.43	0	6	2	95	0.00	0.0	10.880	0.000	6	2	1	1
041427	PL.11505	A	Consumer	14.59Y	121.6	0.00	4.42	0.06	0	1	0	100	0.00	0.0	10.880	0.000	1	0	1	1
PL.7335	PL.11235	A	4ACSR	14.59Y	121.6	0.00	4.41	0.67	1	9	4	91	0.00	0.0	10.846	0.054	0	0	0	4
PL.39211	PL.7335	A	4ACSR	14.59Y	121.6	0.00	4.41	0.22	0	3	1	95	0.00	0.0	10.878	0.032	0	0	0	3
PL.39212	PL.39211	A	4ACSR	14.59Y	121.6	0.00	4.41	0.17	0	2	1	89	0.00	0.0	10.945	0.067	0	0	0	2
041438	PL.39212	A	Consumer	14.59Y	121.6	0.00	4.41	0.13	0	2	1	89	0.00	0.0	10.945	0.000	2	1	1	1
041464	PL.39212	A	Consumer	14.59Y	121.6	0.00	4.41	0.04	0	1	0	100	0.00	0.0	10.945	0.000	1	0	1	1
0414130	PL.39211	A	Consumer	14.59Y	121.6	0.00	4.41	0.05	0	1	0	100	0.00	0.0	10.878	0.000	1	0	1	1
0414110	PL.7335	A	Consumer	14.59Y	121.6	0.00	4.41	0.45	0	6	2	95	0.00	0.0	10.846	0.000	6	2	1	1
041449	PL.19025	A	Consumer	14.59Y	121.6	0.00	4.38	0.35	0	5	2	93	0.00	0.0	10.582	0.000	5	2	1	1
041426	PL.20345	A	Consumer	14.59Y	121.6	0.00	4.38	0.06	0	1	0	100	0.00	0.0	10.547	0.000	1	0	1	1
041492	PL.20345	A	Consumer	14.59Y	121.6	0.00	4.38	0.16	0	2	1	89	0.00	0.0	10.547	0.000	2	1	1	1
PL.18123	PL.11498	A	4ACSR	14.60Y	121.6	0.00	4.37	2.67	2	36	14	93	0.00	0.0	10.512	0.005	0	0	0	20
PD.1837	PL.18123	A	fuse6AMP	14.60Y	121.6	0.00	4.37	2.67	46	36	14	93	0.00	0.0	10.512	0.000	0	0	0	20
PL.18124	PD.1837	A	4ACSR	14.59Y	121.6	0.00	4.38	2.67	2	36	14	93	0.00	0.0	10.588	0.076	0	0	0	20
041434	PL.18124	A	Consumer	14.59Y	121.6	0.00	4.38	0.24	0	3	1	95	0.00	0.0	10.588	0.000	3	1	1	1
041433	PL.18124	A	Consumer	14.59Y	121.6	0.00	4.38	0.09	0	1	0	100	0.00	0.0	10.588	0.000	1	0	1	1
PL.7344	PL.18124	A	4ACSR	14.59Y	121.6	0.00	4.38	2.34	2	32	12	94	0.00	0.0	10.635	0.047	0	0	0	18
041474	PL.7344	A	Consumer	14.59Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	10.635	0.000	0	0	0	0
041457	PL.7344	A	Consumer	14.59Y	121.6	0.00	4.38	0.04	0	1	0	100	0.00	0.0	10.635	0.000	1	0	1	1
041460	PL.7344	A	Consumer	14.59Y	121.6	0.00	4.38	0.50	0	7	3	92	0.00	0.0	10.635	0.000	7	3	1	1
PL.7341	PL.7344	A	4ACSR	14.59Y	121.6	0.00	4.38	1.80	2	25	10	93	0.00	0.0	10.670	0.034	0	0	0	16
PL.11500	PL.7341	A	4ACSR	14.59Y	121.6	0.00	4.38	1.44	1	20	8	93	0.00	0.0	10.699	0.030	0	0	0	15
041447	PL.11500	A	Consumer	14.59Y	121.6	0.00	4.38	0.12	0	2	1	89	0.00	0.0	10.699	0.000	2	1	1	1
041446	PL.11500	A	Consumer	14.59Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	10.699	0.000	0	0	0	0
PL.7352	PL.11500	A	4ACSR	14.59Y	121.6	0.00	4.38	0.37	0	5	2	93	0.00	0.0	10.722	0.023	0	0	0	5
PL.7353	PL.7352	A	4ACSR	14.59Y	121.6	0.00	4.38	0.32	0	4	2	89	0.00	0.0	10.747	0.025	0	0	0	3
0414129	PL.7353	A	Consumer	14.59Y	121.6	0.00	4.38	0.04	0	0	0	100	0.00	0.0	10.747	0.000	0	0	1	1
0414106	PL.7353	A	Consumer	14.59Y	121.6	0.00	4.38	0.24	0	3	1	95	0.00	0.0	10.747	0.000	3	1	1	1
0414108	PL.7353	A	Consumer	14.59Y	121.6	0.00	4.38	0.04	0	1	0	100	0.00	0.0	10.747	0.000	1	0	1	1
041496	PL.7352	A	Consumer	14.59Y	121.6	0.00	4.38	0.02	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\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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.40979, PL.40982, PL.40986, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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)	-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
4684165	PL.22615	B	Consumer	14.91Y	124.2	0.00	1.75	0.08	0	1	0	100	0.00	0.0	11.905	0.000	1	0	1	1
4684127	PL.22615	B	Consumer	14.91Y	124.2	0.00	1.75	0.00	0	0	0	100	0.00	0.0	11.905	0.000	0	0	0	0
468494	PL.22615	B	Consumer	14.91Y	124.2	0.00	1.75	0.11	0	2	1	89	0.00	0.0	11.905	0.000	2	1	1	1
468474	PL.22615	B	Consumer	14.91Y	124.2	0.00	1.75	0.06	0	1	0	100	0.00	0.0	11.905	0.000	1	0	1	1
PL.22618	PL.22615	B	4ACSR	14.91Y	124.2	0.01	1.76	9.71	8	135	53	93	0.01	0.0	11.963	0.058	0	0	0	84
PL.22651	PL.22618	B	4ACSR	14.91Y	124.2	0.02	1.79	9.44	8	131	51	93	0.02	0.0	12.064	0.101	0	0	0	82
PL.22781	PL.22651	B	4ACSR	14.90Y	124.2	0.01	1.79	9.37	8	130	51	93	0.01	0.0	12.103	0.038	0	0	0	80
PL.22782	PL.22781	B	4ACSR	14.90Y	124.2	0.00	1.80	9.08	8	126	49	93	0.00	0.0	12.122	0.020	0	0	0	76
PL.22649	PL.22782	B	4ACSR	14.90Y	124.2	0.00	1.80	0.19	0	3	1	95	0.00	0.0	12.151	0.029	0	0	0	2
PL.22650	PL.22649	B	4ACSR	14.90Y	124.2	0.00	1.80	0.06	0	1	0	100	0.00	0.0	12.200	0.049	0	0	0	1
4684101	PL.22650	B	Consumer	14.90Y	124.2	0.00	1.80	0.06	0	1	0	100	0.00	0.0	12.200	0.000	1	0	1	1
4684199	PL.22649	B	Consumer	14.90Y	124.2	0.00	1.80	0.12	0	2	1	89	0.00	0.0	12.151	0.000	2	1	1	1
PL.22621	PL.22782	B	4ACSR	14.90Y	124.2	0.01	1.81	8.43	7	117	46	93	0.01	0.0	12.180	0.058	0	0	0	70
468454	PL.22621	B	Consumer	14.90Y	124.2	0.00	1.81	0.13	0	2	1	89	0.00	0.0	12.180	0.000	2	1	1	1
468430	PL.22621	B	Consumer	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	12.180	0.000	0	0	0	0
468428	PL.22621	B	Consumer	14.90Y	124.2	0.00	1.81	0.02	0	0	0	100	0.00	0.0	12.180	0.000	0	0	1	1
PL.28660	PL.22621	B	4ACSR	14.90Y	124.2	0.00	1.81	0.12	0	2	1	89	0.00	0.0	12.258	0.078	0	0	0	3
468434	PL.28660	B	Consumer	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	12.258	0.000	0	0	1	1
468501	PL.28660	B	Consumer	14.90Y	124.2	0.00	1.81	0.10	0	1	1	71	0.00	0.0	12.258	0.000	1	1	1	1
468522	PL.28660	B	Consumer	14.90Y	124.2	0.00	1.81	0.02	0	0	0	100	0.00	0.0	12.258	0.000	0	0	1	1
PL.22623	PL.22621	B	4ACSR	14.90Y	124.2	0.01	1.81	8.16	7	113	44	93	0.00	0.0	12.208	0.028	0	0	0	65
PL.21493	PL.22623	B	4ACSR	14.90Y	124.2	0.01	1.82	7.02	6	97	38	93	0.00	0.0	12.244	0.037	0	0	0	52
468534	PL.21493	B	Consumer	14.90Y	124.2	0.00	1.82	0.16	0	2	1	89	0.00	0.0	12.244	0.000	2	1	1	1
PL.21494	PL.21493	B	4ACSR	14.90Y	124.2	0.01	1.83	6.86	6	95	37	93	0.01	0.0	12.319	0.074	0	0	0	51
PL.22622	PL.21494	B	4ACSR	14.90Y	124.2	0.00	1.83	2.12	2	29	11	93	0.00	0.0	12.351	0.032	0	0	0	17
468510	PL.22622	B	Consumer	14.90Y	124.2	0.00	1.83	0.05	0	1	0	100	0.00	0.0	12.351	0.000	1	0	1	1
468543	PL.22622	B	Consumer	14.90Y	124.2	0.00	1.83	0.00	0	0	0	100	0.00	0.0	12.351	0.000	0	0	1	1
468507	PL.22622	B	Consumer	14.90Y	124.2	0.00	1.83	0.49	0	7	3	92	0.00	0.0	12.351	0.000	7	3	1	1
468506	PL.22622	B	Consumer	14.90Y	124.2	0.00	1.83	0.07	0	1	0	100	0.00	0.0	12.351	0.000	1	0	1	1
PL.22624	PL.22622	B	4ACSR	14.90Y	124.2	0.00	1.84	1.50	1	21	8	93	0.00	0.0	12.421	0.071	0	0	0	13
PL.22784	PL.22624	B	4ACSR	14.90Y	124.2	0.00	1.84	0.20	0	3	1	95	0.00	0.0	12.452	0.030	0	0	0	3
PL.22785	PL.22784	B	4ACSR	14.90Y	124.2	0.00	1.84	0.19	0	3	1	95	0.00	0.0	12.501	0.049	0	0	0	2
468571	PL.22785	B	Consumer	14.90Y	124.2	0.00	1.84	0.05	0	1	0	100	0.00	0.0	12.501	0.000	1	0	1	1
PL.22653	PL.22785	B	4ACSR	14.90Y	124.2	0.00	1.84	0.14	0	2	1	89	0.00	0.0	12.517	0.016	0	0	0	1
468568	PL.22653	B	Consumer	14.90Y	124.2	0.00	1.84	0.14	0	2	1	89	0.00	0.0	12.517	0.000	2	1	1	1
468572	PL.22784	B	Consumer	14.90Y	124.2	0.00	1.84	0.02	0	0	0	100	0.00	0.0	12.452	0.000	0	0	1	1
PL.22625	PL.22624	B	4ACSR	14.90Y	124.2	0.00	1.84	0.62	1	9	3	95	0.00	0.0	12.443	0.022	0	0	0	7
468544	PL.22625	B	Consumer	14.90Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	12.443	0.000	0	0	1	1

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	14.90Y	124.2	0.00	1.84	0.03	0	0	0	100	0.00	0.0	12.443	0.000	0	0	1	1
468518	PL.22625	B	Consumer	14.90Y	124.2	0.00	1.84	0.19	0	3	1	95	0.00	0.0	12.443	0.000	3	1	1	1
468565	PL.22625	B	Consumer	14.90Y	124.2	0.00	1.84	0.31	0	4	2	89	0.00	0.0	12.443	0.000	4	2	1	1
PL.22626	PL.22625	B	4ACSR	14.90Y	124.2	0.00	1.84	0.09	0	1	1	71	0.00	0.0	12.518	0.075	0	0	0	3
468514	PL.22626	B	Consumer	14.90Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	12.518	0.000	0	0	1	1
468579	PL.22626	B	Consumer	14.90Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	12.518	0.000	0	0	1	1
468575	PL.22626	B	Consumer	14.90Y	124.2	0.00	1.84	0.09	0	1	1	71	0.00	0.0	12.518	0.000	1	1	1	1
468566	PL.22624	B	Consumer	14.90Y	124.2	0.00	1.84	0.57	0	8	3	94	0.00	0.0	12.421	0.000	8	3	1	1
468567	PL.22624	B	Consumer	14.90Y	124.2	0.00	1.84	0.09	0	1	0	100	0.00	0.0	12.421	0.000	1	0	1	1
468508	PL.22624	B	Consumer	14.90Y	124.2	0.00	1.84	0.01	0	0	0	100	0.00	0.0	12.421	0.000	0	0	1	1
468505	PL.21494	B	Consumer	14.90Y	124.2	0.00	1.83	0.05	0	1	0	100	0.00	0.0	12.319	0.000	1	0	1	1
PL.22783	PL.21494	B	4ACSR	14.90Y	124.2	0.01	1.84	4.69	4	65	25	93	0.00	0.0	12.401	0.083	0	0	0	33
468530	PL.22783	B	Consumer	14.90Y	124.2	0.00	1.84	0.03	0	0	0	100	0.00	0.0	12.401	0.000	0	0	1	1
468533	PL.22783	B	Consumer	14.90Y	124.2	0.00	1.84	0.17	0	2	1	89	0.00	0.0	12.401	0.000	2	1	1	1
PL.22637	PL.22783	B	4ACSR	14.90Y	124.2	0.00	1.85	4.49	4	62	24	93	0.00	0.0	12.445	0.044	0	0	0	31
PL.22638	PL.22637	B	4ACSR	14.90Y	124.1	0.01	1.85	4.45	4	62	24	93	0.00	0.0	12.516	0.070	0	0	0	29
468527	PL.22638	B	Consumer	14.90Y	124.1	0.00	1.85	0.02	0	0	0	100	0.00	0.0	12.516	0.000	0	0	1	1
468570	PL.22638	B	Consumer	14.90Y	124.1	0.00	1.85	0.00	0	0	0	100	0.00	0.0	12.516	0.000	0	0	1	1
PL.22639	PL.22638	B	4ACSR	14.90Y	124.1	0.00	1.86	4.43	4	61	24	93	0.00	0.0	12.549	0.034	0	0	0	27
PL.22786	PL.22639	B	4ACSR	14.90Y	124.1	0.00	1.86	3.80	3	53	21	93	0.00	0.0	12.573	0.024	0	0	0	25
PL.22787	PL.22786	B	4ACSR	14.90Y	124.1	0.00	1.86	3.14	3	44	17	93	0.00	0.0	12.591	0.018	0	0	0	23
4685083	PL.22787	B	Consumer	14.90Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	12.591	0.000	0	0	0	0
PL.21457	PL.22787	B	4ACSR	14.90Y	124.1	0.00	1.86	1.23	1	17	7	92	0.00	0.0	12.608	0.017	0	0	0	10
PD.1521	PL.21457	B	fuse6AMP	14.90Y	124.1	0.00	1.86	1.23	21	17	7	92	0.00	0.0	12.608	0.000	0	0	0	10
PL.21458	PD.1521	B	4ACSR	14.90Y	124.1	0.00	1.86	1.23	1	17	7	92	0.00	0.0	12.678	0.070	0	0	0	10
PL.22790	PL.21458	B	4ACSR	14.90Y	124.1	0.00	1.86	1.20	1	17	6	94	0.00	0.0	12.714	0.037	0	0	0	8
PL.22791	PL.22790	B	4ACSR	14.90Y	124.1	0.00	1.86	0.31	0	4	2	89	0.00	0.0	12.743	0.029	0	0	0	2
468556	PL.22791	B	Consumer	14.90Y	124.1	0.00	1.86	0.28	0	4	2	89	0.00	0.0	12.743	0.000	4	2	1	1
468542	PL.22791	B	Consumer	14.90Y	124.1	0.00	1.86	0.02	0	0	0	100	0.00	0.0	12.743	0.000	0	0	1	1
468569	PL.22790	B	Consumer	14.90Y	124.1	0.00	1.86	0.02	0	0	0	100	0.00	0.0	12.714	0.000	0	0	1	1
468545	PL.22790	B	Consumer	14.90Y	124.1	0.00	1.86	0.08	0	1	0	100	0.00	0.0	12.714	0.000	1	0	1	1
468547	PL.22790	B	Consumer	14.90Y	124.1	0.00	1.86	0.54	0	8	3	94	0.00	0.0	12.714	0.000	8	3	1	1
PL.28662	PL.22790	B	4ACSR	14.90Y	124.1	0.00	1.86	0.25	0	3	1	95	0.00	0.0	12.744	0.030	0	0	0	3
468515	PL.28662	B	Consumer	14.90Y	124.1	0.00	1.86	0.18	0	3	1	95	0.00	0.0	12.744	0.000	3	1	1	1
468516	PL.28662	B	Consumer	14.90Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	12.744	0.000	0	0	0	0
468504	PL.28662	B	Consumer	14.90Y	124.1	0.00	1.86	0.04	0	1	0	100	0.00	0.0	12.744	0.000	1	0	1	1
468519	PL.28662	B	Consumer	14.90Y	124.1	0.00	1.86	0.02	0	0	0	100	0.00	0.0	12.744	0.000	0	0	1	1
468520	PL.21458	B	Consumer	14.90Y	124.1	0.00	1.86	0.02	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\SUMMER\PROPOSED SUMMER 06-10 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
468581	PL.21458	B	Consumer	14.90Y	124.1	0.00	1.86	0.01	0	0	0	100	0.00	0.0	12.678	0.000	0	0	1	1
468517	PL.21458	B	Consumer	14.90Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	12.678	0.000	0	0	0	0
PL.28663	PL.22787	B	4ACSR	14.90Y	124.1	0.00	1.86	1.91	2	27	10	94	0.00	0.0	12.603	0.013	0	0	0	13
468529	PL.28663	B	Consumer	14.90Y	124.1	0.00	1.86	0.38	0	5	2	93	0.00	0.0	12.603	0.000	5	2	1	1
468539	PL.28663	B	Consumer	14.90Y	124.1	0.00	1.86	0.36	0	5	2	93	0.00	0.0	12.603	0.000	5	2	1	1
468526	PL.28663	B	Consumer	14.90Y	124.1	0.00	1.86	0.57	0	8	3	94	0.00	0.0	12.603	0.000	8	3	1	1
PL.32992	PL.28663	B	4ACSR	14.90Y	124.1	0.00	1.86	0.60	1	8	3	94	0.00	0.0	12.655	0.052	0	0	0	10
4685085	PL.32992	B	Consumer	14.90Y	124.1	0.00	1.86	0.12	0	2	1	89	0.00	0.0	12.655	0.000	2	1	1	1
PL.32993	PL.32992	B	4ACSR	14.90Y	124.1	0.00	1.86	0.47	0	7	3	92	0.00	0.0	12.686	0.031	0	0	0	9
PL.22789	PL.32993	B	4ACSR	14.90Y	124.1	0.00	1.86	0.17	0	2	1	89	0.00	0.0	12.713	0.027	0	0	0	3
468576	PL.22789	B	Consumer	14.90Y	124.1	0.00	1.86	0.08	0	1	0	100	0.00	0.0	12.713	0.000	1	0	1	1
468580	PL.22789	B	Consumer	14.90Y	124.1	0.00	1.86	0.06	0	1	0	100	0.00	0.0	12.713	0.000	1	0	1	1
PL.22654	PL.22789	B	4ACSR	14.90Y	124.1	0.00	1.86	0.04	0	1	0	100	0.00	0.0	12.736	0.023	0	0	0	1
468578	PL.22654	B	Consumer	14.90Y	124.1	0.00	1.86	0.04	0	1	0	100	0.00	0.0	12.736	0.000	1	0	1	1
468574	PL.22654	B	Consumer	14.90Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	12.736	0.000	0	0	0	0
PL.37969	PL.32993	B	2ACSR	14.90Y	124.1	0.00	1.86	0.30	0	4	2	89	0.00	0.0	12.715	0.029	0	0	0	6
PL.40436	PL.37969	B	2ACSR	14.90Y	124.1	0.00	1.86	0.30	0	4	2	89	0.00	0.0	12.755	0.040	0	0	0	6
4685092	PL.40436	B	Consumer	14.90Y	124.1	0.00	1.86	0.04	0	0	0	100	0.00	0.0	12.755	0.000	0	0	1	1
4685091	PL.40436	B	Consumer	14.90Y	124.1	0.00	1.86	0.01	0	0	0	100	0.00	0.0	12.755	0.000	0	0	1	1
PL.40437	PL.40436	B	2ACSR	14.90Y	124.1	0.00	1.86	0.26	0	4	1	97	0.00	0.0	12.790	0.035	0	0	0	4
PL.37983	PL.40437	B	2ACSR	14.90Y	124.1	0.00	1.86	0.11	0	2	1	89	0.00	0.0	12.810	0.021	0	0	0	3
PD.6288	PL.37983	B	fuse6AMP	14.90Y	124.1	0.00	1.86	0.11	2	2	1	89	0.00	0.0	12.810	0.000	0	0	0	3
PL.37984	PD.6288	B	2ACSR	14.90Y	124.1	0.00	1.86	0.11	0	2	1	89	0.00	0.0	12.820	0.009	0	0	0	3
PL.40634	PL.37984	B	2ACSR	14.90Y	124.1	0.00	1.86	0.11	0	2	1	89	0.00	0.0	12.926	0.106	0	0	0	3
4685093	PL.40634	B	Consumer	14.90Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	12.926	0.000	0	0	1	1
PL.40635	PL.40634	B	2ACSR	14.90Y	124.1	0.00	1.86	0.11	0	2	1	89	0.00	0.0	12.970	0.044	0	0	0	2
4685090	PL.40635	B	Consumer	14.90Y	124.1	0.00	1.86	0.06	0	1	0	100	0.00	0.0	12.970	0.000	1	0	1	1
4685089	PL.40635	B	Consumer	14.90Y	124.1	0.00	1.86	0.05	0	1	0	100	0.00	0.0	12.970	0.000	1	0	1	1
PL.37981	PL.40437	B	2ACSR	14.90Y	124.1	0.00	1.86	0.15	0	2	1	89	0.00	0.0	12.792	0.002	0	0	0	1
PD.6287	PL.37981	B	fuse6AMP	14.90Y	124.1	0.00	1.86	0.15	3	2	1	89	0.00	0.0	12.792	0.000	0	0	0	1
PL.45224	PD.6287	B	2ACSR	14.90Y	124.1	0.00	1.86	0.15	0	2	1	89	0.00	0.0	12.946	0.154	0	0	0	1
PL.45225	PL.45224	B	2ACSR	14.90Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	13.034	0.088	0	0	0	0
468582	PL.45224	B	Consumer	14.90Y	124.1	0.00	1.86	0.15	0	2	1	89	0.00	0.0	12.946	0.000	2	1	1	1
PL.22640	PL.22786	B	4ACSR	14.90Y	124.1	0.00	1.86	0.66	1	9	4	91	0.00	0.0	12.598	0.025	0	0	0	2
PL.22641	PL.22640	B	4ACSR	14.90Y	124.1	0.00	1.86	0.45	0	6	2	95	0.00	0.0	12.665	0.067	0	0	0	1
468503	PL.22641	B	Consumer	14.90Y	124.1	0.00	1.86	0.45	0	6	2	95	0.00	0.0	12.665	0.000	6	2	1	1
468537	PL.22640	B	Consumer	14.90Y	124.1	0.00	1.86	0.21	0	3	1	95	0.00	0.0	12.598	0.000	3	1	1	1
468531	PL.22639	B	Consumer	14.90Y	124.1	0.00	1.86	0.22	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\SUMMER\PROPOSED SUMMER 06-10 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
468532	PL.22639	B	Consumer	14.90Y	124.1	0.00	1.86	0.41	0	6	2	95	0.00	0.0	12.549	0.000	6	2	1	1
468524	PL.22637	B	Consumer	14.90Y	124.2	0.00	1.85	0.02	0	0	0	100	0.00	0.0	12.445	0.000	0	0	1	1
468525	PL.22637	B	Consumer	14.90Y	124.2	0.00	1.85	0.03	0	0	0	100	0.00	0.0	12.445	0.000	0	0	1	1
PL.28661	PL.22623	B	4ACSR	14.90Y	124.2	0.00	1.82	1.06	1	15	6	93	0.00	0.0	12.251	0.043	0	0	0	12
468509	PL.28661	B	Consumer	14.90Y	124.2	0.00	1.82	0.01	0	0	0	100	0.00	0.0	12.251	0.000	0	0	1	1
468555	PL.28661	B	Consumer	14.90Y	124.2	0.00	1.82	0.07	0	1	0	100	0.00	0.0	12.251	0.000	1	0	1	1
468553	PL.28661	B	Consumer	14.90Y	124.2	0.00	1.82	0.09	0	1	0	100	0.00	0.0	12.251	0.000	1	0	1	1
468502	PL.28661	B	Consumer	14.90Y	124.2	0.00	1.82	0.02	0	0	0	100	0.00	0.0	12.251	0.000	0	0	1	1
468559	PL.28661	B	Consumer	14.90Y	124.2	0.00	1.82	0.05	0	1	0	100	0.00	0.0	12.251	0.000	1	0	1	1
PL.22647	PL.28661	B	4ACSR	14.90Y	124.2	0.00	1.82	0.81	1	11	4	94	0.00	0.0	12.307	0.056	0	0	0	7
PL.22648	PL.22647	B	4ACSR	14.90Y	124.2	0.00	1.82	0.12	0	2	1	89	0.00	0.0	12.340	0.034	0	0	0	3
4685088	PL.22648	B	Consumer	14.90Y	124.2	0.00	1.82	0.01	0	0	0	100	0.00	0.0	12.340	0.000	0	0	1	1
468557	PL.22648	B	Consumer	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	12.340	0.000	0	0	0	0
4685084	PL.22648	B	Consumer	14.90Y	124.2	0.00	1.82	0.05	0	1	0	100	0.00	0.0	12.340	0.000	1	0	1	1
468560	PL.22648	B	Consumer	14.90Y	124.2	0.00	1.82	0.06	0	1	0	100	0.00	0.0	12.340	0.000	1	0	1	1
468563	PL.22647	B	Consumer	14.90Y	124.2	0.00	1.82	0.02	0	0	0	100	0.00	0.0	12.307	0.000	0	0	1	1
468561	PL.22647	B	Consumer	14.90Y	124.2	0.00	1.82	0.24	0	3	1	95	0.00	0.0	12.307	0.000	3	1	1	1
468562	PL.22647	B	Consumer	14.90Y	124.2	0.00	1.82	0.29	0	4	2	89	0.00	0.0	12.307	0.000	4	2	1	1
468558	PL.22647	B	Consumer	14.90Y	124.2	0.00	1.82	0.14	0	2	1	89	0.00	0.0	12.307	0.000	2	1	1	1
468523	PL.22623	B	Consumer	14.90Y	124.2	0.00	1.81	0.08	0	1	0	100	0.00	0.0	12.208	0.000	1	0	1	1
468426	PL.22782	B	Consumer	14.90Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	12.122	0.000	0	0	0	0
4684140	PL.22782	B	Consumer	14.90Y	124.2	0.00	1.80	0.04	0	1	0	100	0.00	0.0	12.122	0.000	1	0	1	1
468429	PL.22782	B	Consumer	14.90Y	124.2	0.00	1.80	0.17	0	2	1	89	0.00	0.0	12.122	0.000	2	1	1	1
4684123	PL.22782	B	Consumer	14.90Y	124.2	0.00	1.80	0.03	0	0	0	100	0.00	0.0	12.122	0.000	0	0	1	1
468427	PL.22782	B	Consumer	14.90Y	124.2	0.00	1.80	0.22	0	3	1	95	0.00	0.0	12.122	0.000	3	1	1	1
PL.28659	PL.22781	B	4ACSR	14.90Y	124.2	0.00	1.79	0.29	0	4	2	89	0.00	0.0	12.168	0.065	0	0	0	4
468447	PL.28659	B	Consumer	14.90Y	124.2	0.00	1.79	0.15	0	2	1	89	0.00	0.0	12.168	0.000	2	1	1	1
468446	PL.28659	B	Consumer	14.90Y	124.2	0.00	1.79	0.04	0	1	0	100	0.00	0.0	12.168	0.000	1	0	1	1
468480	PL.28659	B	Consumer	14.90Y	124.2	0.00	1.79	0.10	0	1	1	71	0.00	0.0	12.168	0.000	1	1	1	1
4684172	PL.28659	B	Consumer	14.90Y	124.2	0.00	1.79	0.00	0	0	0	100	0.00	0.0	12.168	0.000	0	0	1	1
4684173	PL.22651	B	Consumer	14.91Y	124.2	0.00	1.79	0.01	0	0	0	100	0.00	0.0	12.064	0.000	0	0	1	1
4684131	PL.22651	B	Consumer	14.91Y	124.2	0.00	1.79	0.06	0	1	0	100	0.00	0.0	12.064	0.000	1	0	1	1
468470	PL.22618	B	Consumer	14.91Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	11.963	0.000	0	0	0	0
468483	PL.22618	B	Consumer	14.91Y	124.2	0.00	1.76	0.01	0	0	0	100	0.00	0.0	11.963	0.000	0	0	1	1
468403	PL.22618	B	Consumer	14.91Y	124.2	0.00	1.76	0.25	0	3	1	95	0.00	0.0	11.963	0.000	3	1	1	1
PL.21463	PL.28200	C	4ACSR	14.93Y	124.4	0.00	1.55	3.34	3	46	18	93	0.00	0.0	11.843	0.010	0	0	0	28
PD.8720-A	PL.21463	C	Closed	14.93Y	124.4	0.00	1.55	3.34	0	46	18	93	0.00	0.0	11.843	0.000	0	0	0	28
PD.8720-B	PD.8720-A	C	Closed	14.93Y	124.4	0.00	1.55	3.34	0	46	18	93	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\SUMMER\PROPOSED SUMMER 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 list various elements like PL.21464, PL.21276, 468482, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	14.93Y	124.4	0.00	1.57	0.02	0	0	0	100	0.00	0.0	12.128	0.038	0	0	0	1
4684211	PL.34965	C	Consumer	14.93Y	124.4	0.00	1.57	0.02	0	0	0	100	0.00	0.0	12.128	0.000	0	0	1	1
4684156	PL.21277	C	Consumer	14.93Y	124.4	0.00	1.56	0.08	0	1	0	100	0.00	0.0	11.970	0.000	1	0	1	1
4684166	PL.21464	C	Consumer	14.93Y	124.4	0.00	1.56	0.18	0	3	1	95	0.00	0.0	11.873	0.000	3	1	1	1
468471	PL.21464	C	Consumer	14.93Y	124.4	0.00	1.56	0.14	0	2	1	89	0.00	0.0	11.873	0.000	2	1	1	1
468457	PL.21464	C	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	11.873	0.000	0	0	1	1
PL.21602	PL.28200	A	4ACSR	14.56Y	121.3	0.00	4.65	11.42	10	155	60	93	0.00	0.0	11.839	0.006	0	0	0	83
PL.46103	PL.21602	A	4ACSR	14.56Y	121.3	0.00	4.66	11.42	10	155	60	93	0.00	0.0	11.855	0.016	0	0	0	83
PD.8722-A	PL.46103	A	Closed	14.56Y	121.3	0.00	4.66	11.42	0	155	60	93	0.00	0.0	11.855	0.000	0	0	0	83
PD.8722-B	PD.8722-A	A	Closed	14.56Y	121.3	0.00	4.66	11.42	0	155	60	93	0.00	0.0	11.855	0.000	0	0	0	83
PL.46104	PD.8722-B	A	4ACSR	14.56Y	121.3	0.01	4.67	11.42	10	155	60	93	0.01	0.0	11.900	0.045	0	0	0	83
PL.28597	PL.46104	A	4ACSR	14.56Y	121.3	0.01	4.67	11.42	10	155	60	93	0.01	0.0	11.921	0.020	0	0	0	83
PL.21283	PL.28597	A	4ACSR	14.56Y	121.3	0.00	4.68	11.42	10	155	60	93	0.00	0.0	11.934	0.013	0	0	0	83
4684175	PL.21283	A	Consumer	14.56Y	121.3	0.00	4.68	0.00	0	0	0	100	0.00	0.0	11.934	0.000	0	0	1	1
PL.21284	PL.21283	A	4ACSR	14.56Y	121.3	0.02	4.70	10.96	9	149	58	93	0.03	0.0	12.028	0.094	0	0	0	76
PL.22630	PL.21284	A	4ACSR	14.56Y	121.3	0.00	4.70	1.13	1	15	6	93	0.00	0.0	12.111	0.083	0	0	0	5
468490	PL.22630	A	Consumer	14.56Y	121.3	0.00	4.70	0.03	0	0	0	100	0.00	0.0	12.111	0.000	0	0	1	1
4684145	PL.22630	A	Consumer	14.56Y	121.3	0.00	4.70	0.54	0	7	3	92	0.00	0.0	12.111	0.000	7	3	1	1
468478	PL.22630	A	Consumer	14.56Y	121.3	0.00	4.70	0.43	0	6	2	95	0.00	0.0	12.111	0.000	6	2	1	1
PL.22631	PL.22630	A	4ACSR	14.56Y	121.3	0.00	4.70	0.13	0	2	1	89	0.00	0.0	12.129	0.018	0	0	0	2
468477	PL.22631	A	Consumer	14.56Y	121.3	0.00	4.70	0.07	0	1	0	100	0.00	0.0	12.129	0.000	1	0	1	1
468479	PL.22631	A	Consumer	14.56Y	121.3	0.00	4.70	0.06	0	1	0	100	0.00	0.0	12.129	0.000	1	0	1	1
PL.21291	PL.21284	A	4ACSR	14.55Y	121.3	0.01	4.71	9.26	8	126	49	93	0.01	0.0	12.071	0.043	0	0	0	69
PL.22635	PL.21291	A	4ACSR	14.55Y	121.3	0.00	4.71	0.20	0	3	1	95	0.00	0.0	12.102	0.030	0	0	0	4
4684147	PL.22635	A	Consumer	14.55Y	121.3	0.00	4.71	0.08	0	1	0	100	0.00	0.0	12.102	0.000	1	0	1	1
468488	PL.22635	A	Consumer	14.55Y	121.3	0.00	4.71	0.04	0	1	0	100	0.00	0.0	12.102	0.000	1	0	1	1
PL.22636	PL.22635	A	4ACSR	14.55Y	121.3	0.00	4.71	0.08	0	1	0	100	0.00	0.0	12.143	0.041	0	0	0	2
4684104	PL.22636	A	Consumer	14.55Y	121.3	0.00	4.71	0.08	0	1	0	100	0.00	0.0	12.143	0.000	1	0	1	1
4684102	PL.22636	A	Consumer	14.55Y	121.3	0.00	4.71	0.00	0	0	0	100	0.00	0.0	12.143	0.000	0	0	1	1
468486	PL.21291	A	Consumer	14.55Y	121.3	0.00	4.71	0.14	0	2	1	89	0.00	0.0	12.071	0.000	2	1	1	1
PL.21292	PL.21291	A	4ACSR	14.55Y	121.3	0.00	4.71	8.92	7	121	47	93	0.00	0.0	12.092	0.021	0	0	0	64
PL.22634	PL.21292	A	4ACSR	14.55Y	121.3	0.01	4.73	7.83	7	106	41	93	0.01	0.0	12.166	0.074	0	0	0	61
PL.21293	PL.22634	A	4ACSR	14.55Y	121.3	0.01	4.74	7.60	6	103	40	93	0.01	0.0	12.220	0.054	0	0	0	57
468444	PL.21293	A	Consumer	14.55Y	121.3	0.00	4.74	0.05	0	1	0	100	0.00	0.0	12.220	0.000	1	0	1	1
4684137	PL.21293	A	Consumer	14.55Y	121.3	0.00	4.74	0.02	0	0	0	100	0.00	0.0	12.220	0.000	0	0	1	1
468499	PL.21293	A	Consumer	14.55Y	121.3	0.00	4.74	0.33	0	4	2	89	0.00	0.0	12.220	0.000	4	2	1	1
468448	PL.21293	A	Consumer	14.55Y	121.3	0.00	4.74	0.05	0	1	0	100	0.00	0.0	12.220	0.000	1	0	1	1
4684171	PL.21293	A	Consumer	14.55Y	121.3	0.00	4.74	0.05	0	1	0	100	0.00	0.0	12.220	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.21456	PD.1524	A	4ACSR	14.55Y	121.3	0.00	4.75	0.10	0	1	1	71	0.00	0.0	12.552	0.025	0	0	0	3
PL.23188	PL.21456	A	4ACSR	14.55Y	121.3	-0.00	4.75	0.01	0	0	0	100	0.00	0.0	12.586	0.034	0	0	0	1
PL.36484	PL.23188	A	2ACSR	14.55Y	121.3	-0.00	4.75	0.01	0	0	0	100	0.00	0.0	12.630	0.044	0	0	0	1
PL.36672	PL.36484	A	2ACSR	14.55Y	121.3	0.00	4.75	0.01	0	0	0	100	0.00	0.0	12.826	0.196	0	0	0	1
PL.44308	PL.36672	A	2ACSR	14.55Y	121.3	-0.00	4.75	0.01	0	0	0	100	0.00	0.0	12.883	0.057	0	0	0	1
4675002	PL.44308	A	Consumer	14.55Y	121.3	0.00	4.75	0.01	0	0	0	100	0.00	0.0	12.883	0.000	0	0	1	1
4675003	PL.44308	A	Consumer	14.55Y	121.3	0.00	4.75	0.00	0	0	0	100	0.00	0.0	12.883	0.000	0	0	0	0
PL.45888	PL.44308	A	2ACSR	14.55Y	121.3	0.00	4.75	0.00	0	0	0	100	0.00	0.0	12.931	0.048	0	0	0	0
PL.45889	PL.45888	A	2ACSR	14.55Y	121.3	0.00	4.75	0.00	0	0	0	100	0.00	0.0	13.000	0.069	0	0	0	0
4675001	PL.36672	A	Consumer	14.55Y	121.3	0.00	4.75	0.00	0	0	0	100	0.00	0.0	12.826	0.000	0	0	0	0
PL.36483	PL.36484	A	2ACSR	14.55Y	121.3	0.00	4.75	0.00	0	0	0	100	0.00	0.0	12.818	0.187	0	0	0	0
PL.22779	PL.21456	A	4ACSR	14.55Y	121.3	0.00	4.75	0.09	0	1	0	100	0.00	0.0	12.661	0.109	0	0	0	2
PL.28666	PL.22779	A	4ACSR	14.55Y	121.3	0.00	4.75	0.06	0	1	0	100	0.00	0.0	12.712	0.051	0	0	0	1
4684209	PL.28666	A	Consumer	14.55Y	121.3	0.00	4.75	0.06	0	1	0	100	0.00	0.0	12.712	0.000	1	0	1	1
PL.22780	PL.22779	A	4ACSR	14.55Y	121.3	0.00	4.75	0.03	0	0	0	100	0.00	0.0	12.743	0.082	0	0	0	1
4684207	PL.22780	A	Consumer	14.55Y	121.3	0.00	4.75	0.03	0	0	0	100	0.00	0.0	12.743	0.000	0	0	1	1
PL.23189	PL.21456	A	4ACSR	14.55Y	121.3	0.00	4.75	0.00	0	0	0	100	0.00	0.0	12.567	0.015	0	0	0	0
468552	PL.22724	A	Consumer	14.55Y	121.3	0.00	4.75	0.00	0	0	0	100	0.00	0.0	12.491	0.000	0	0	1	1
4684182	PL.22724	A	Consumer	14.55Y	121.3	0.00	4.75	0.00	0	0	0	100	0.00	0.0	12.491	0.000	0	0	0	0
4684184	PL.22724	A	Consumer	14.55Y	121.3	0.00	4.75	0.16	0	2	1	89	0.00	0.0	12.491	0.000	2	1	1	1
PL.28664	PL.22724	A	4ACSR	14.55Y	121.3	0.00	4.75	0.07	0	1	0	100	0.00	0.0	12.519	0.028	0	0	0	1
468554	PL.28664	A	Consumer	14.55Y	121.3	0.00	4.75	0.07	0	1	0	100	0.00	0.0	12.519	0.000	1	0	1	1
468577	PL.28664	A	Consumer	14.55Y	121.3	0.00	4.75	0.00	0	0	0	100	0.00	0.0	12.519	0.000	0	0	0	0
4684201	PL.22723	A	Consumer	14.55Y	121.3	0.00	4.75	0.03	0	0	0	100	0.00	0.0	12.451	0.000	0	0	1	1
4684200	PL.22723	A	Consumer	14.55Y	121.3	0.00	4.75	0.00	0	0	0	100	0.00	0.0	12.451	0.000	0	0	0	0
4684181	PL.22723	A	Consumer	14.55Y	121.3	0.00	4.75	0.14	0	2	1	89	0.00	0.0	12.451	0.000	2	1	1	1
4684203	PL.22662	A	Consumer	14.55Y	121.3	0.00	4.75	0.06	0	1	0	100	0.00	0.0	12.400	0.000	1	0	1	1
4684180	PL.22662	A	Consumer	14.55Y	121.3	0.00	4.75	0.04	0	0	0	100	0.00	0.0	12.400	0.000	0	0	1	1
4684150	PL.22660	A	Consumer	14.55Y	121.3	0.00	4.75	0.00	0	0	0	100	0.00	0.0	12.366	0.000	0	0	0	0
4684162	PL.22660	A	Consumer	14.55Y	121.3	0.00	4.75	0.25	0	3	1	95	0.00	0.0	12.366	0.000	3	1	1	1
4684143	PL.22660	A	Consumer	14.55Y	121.3	0.00	4.75	0.15	0	2	1	89	0.00	0.0	12.366	0.000	2	1	1	1
4684144	PL.22736	A	Consumer	14.55Y	121.3	0.00	4.74	0.03	0	0	0	100	0.00	0.0	12.255	0.000	0	0	1	1
PL.23627	PL.21293	A	4ACSR	14.55Y	121.3	0.00	4.74	0.49	0	7	3	92	0.00	0.0	12.300	0.080	0	0	0	3
4684122	PL.23627	A	Consumer	14.55Y	121.3	0.00	4.74	0.01	0	0	0	100	0.00	0.0	12.300	0.000	0	0	1	1
468492	PL.23627	A	Consumer	14.55Y	121.3	0.00	4.74	0.39	0	5	2	93	0.00	0.0	12.300	0.000	5	2	1	1
4684128	PL.23627	A	Consumer	14.55Y	121.3	0.00	4.74	0.00	0	0	0	100	0.00	0.0	12.300	0.000	0	0	0	0
4684154	PL.23627	A	Consumer	14.55Y	121.3	0.00	4.74	0.09	0	1	0	100	0.00	0.0	12.300	0.000	1	0	1	1
PL.22632	PL.21293	A	4ACSR	14.55Y	121.3	0.00	4.74	3.50	3	47	18	93	0.00	0.0	12.256	0.036	0	0	0	20

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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		
468460	PL.22632	A	Consumer	14.55Y	121.3	0.00	4.74	0.33	0	5	2	93	0.00	0.0	12.256	0.000	5	2	1	1
PL.22633	PL.22632	A	4ACSR	14.55Y	121.3	0.00	4.74	3.16	3	43	17	93	0.00	0.0	12.298	0.042	0	0	0	19
PL.22658	PL.22633	A	4ACSR	14.55Y	121.3	0.00	4.75	2.43	2	33	13	93	0.00	0.0	12.366	0.067	0	0	0	14
PL.23628	PL.22658	A	4ACSR	14.55Y	121.3	0.00	4.75	1.40	1	19	7	94	0.00	0.0	12.402	0.036	0	0	0	7
4684179	PL.23628	A	Consumer	14.55Y	121.3	0.00	4.75	0.24	0	3	1	95	0.00	0.0	12.402	0.000	3	1	1	1
468453	PL.23628	A	Consumer	14.55Y	121.3	0.00	4.75	0.00	0	0	0	100	0.00	0.0	12.402	0.000	0	0	0	0
4684163	PL.23628	A	Consumer	14.55Y	121.3	0.00	4.75	0.06	0	1	0	100	0.00	0.0	12.402	0.000	1	0	1	1
4684129	PL.23628	A	Consumer	14.55Y	121.3	0.00	4.75	0.15	0	2	1	89	0.00	0.0	12.402	0.000	2	1	1	1
468452	PL.23628	A	Consumer	14.55Y	121.3	0.00	4.75	0.28	0	4	1	97	0.00	0.0	12.402	0.000	4	1	1	1
PL.23190	PL.23628	A	4ACSR	14.55Y	121.3	0.00	4.75	0.68	1	9	4	91	0.00	0.0	12.430	0.028	0	0	0	3
4684169	PL.23190	A	Consumer	14.55Y	121.3	0.00	4.75	0.06	0	1	0	100	0.00	0.0	12.430	0.000	1	0	1	1
468451	PL.23190	A	Consumer	14.55Y	121.3	0.00	4.75	0.07	0	1	0	100	0.00	0.0	12.430	0.000	1	0	1	1
468466	PL.23190	A	Consumer	14.55Y	121.3	0.00	4.75	0.54	0	7	3	92	0.00	0.0	12.430	0.000	7	3	1	1
468496	PL.22658	A	Consumer	14.55Y	121.3	0.00	4.75	0.06	0	1	0	100	0.00	0.0	12.366	0.000	1	0	1	1
468468	PL.22658	A	Consumer	14.55Y	121.3	0.00	4.75	0.11	0	1	1	71	0.00	0.0	12.366	0.000	1	1	1	1
468487	PL.22658	A	Consumer	14.55Y	121.3	0.00	4.75	0.10	0	1	1	71	0.00	0.0	12.366	0.000	1	1	1	1
PL.22659	PL.22658	A	4ACSR	14.55Y	121.3	0.00	4.75	0.76	1	10	4	93	0.00	0.0	12.391	0.025	0	0	0	4
468456	PL.22659	A	Consumer	14.55Y	121.3	0.00	4.75	0.63	0	8	3	94	0.00	0.0	12.391	0.000	8	3	1	1
4684103	PL.22659	A	Consumer	14.55Y	121.3	0.00	4.75	0.04	0	1	0	100	0.00	0.0	12.391	0.000	1	0	1	1
468445	PL.22659	A	Consumer	14.55Y	121.3	0.00	4.75	0.02	0	0	0	100	0.00	0.0	12.391	0.000	0	0	1	1
4684100	PL.22659	A	Consumer	14.55Y	121.3	0.00	4.75	0.07	0	1	0	100	0.00	0.0	12.391	0.000	1	0	1	1
4684197	PL.22633	A	Consumer	14.55Y	121.3	0.00	4.74	0.19	0	3	1	95	0.00	0.0	12.298	0.000	3	1	1	1
4684208	PL.22633	A	Consumer	14.55Y	121.3	0.00	4.74	0.33	0	4	2	89	0.00	0.0	12.298	0.000	4	2	1	1
468461	PL.22633	A	Consumer	14.55Y	121.3	0.00	4.74	0.02	0	0	0	100	0.00	0.0	12.298	0.000	0	0	1	1
4684108	PL.22633	A	Consumer	14.55Y	121.3	0.00	4.74	0.18	0	2	1	89	0.00	0.0	12.298	0.000	2	1	1	1
468450	PL.22633	A	Consumer	14.55Y	121.3	0.00	4.74	0.00	0	0	0	100	0.00	0.0	12.298	0.000	0	0	0	0
468465	PL.22633	A	Consumer	14.55Y	121.3	0.00	4.74	0.03	0	0	0	100	0.00	0.0	12.298	0.000	0	0	1	1
468481	PL.22634	A	Consumer	14.55Y	121.3	0.00	4.73	0.09	0	1	0	100	0.00	0.0	12.166	0.000	1	0	1	1
4684118	PL.22634	A	Consumer	14.55Y	121.3	0.00	4.73	0.03	0	0	0	100	0.00	0.0	12.166	0.000	0	0	1	1
468484	PL.22634	A	Consumer	14.55Y	121.3	0.00	4.73	0.07	0	1	0	100	0.00	0.0	12.166	0.000	1	0	1	1
4684119	PL.22634	A	Consumer	14.55Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	12.166	0.000	0	0	0	0
468443	PL.22634	A	Consumer	14.55Y	121.3	0.00	4.73	0.03	0	0	0	100	0.00	0.0	12.166	0.000	0	0	1	1
468495	PL.21292	A	Consumer	14.55Y	121.3	0.00	4.71	0.57	0	8	3	94	0.00	0.0	12.092	0.000	8	3	1	1
4684174	PL.21292	A	Consumer	14.55Y	121.3	0.00	4.71	0.09	0	1	0	100	0.00	0.0	12.092	0.000	1	0	1	1
468498	PL.21292	A	Consumer	14.55Y	121.3	0.00	4.71	0.43	0	6	2	95	0.00	0.0	12.092	0.000	6	2	1	1
468402	PL.21284	A	Consumer	14.56Y	121.3	0.00	4.70	0.24	0	3	1	95	0.00	0.0	12.028	0.000	3	1	1	1
4684111	PL.21284	A	Consumer	14.56Y	121.3	0.00	4.70	0.32	0	4	2	89	0.00	0.0	12.028	0.000	4	2	1	1
PL.22619	PL.21283	A	4ACSR	14.56Y	121.3	0.00	4.68	0.46	0	6	2	95	0.00	0.0	11.974	0.040	0	0	0	6

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
PL.41461	PL.41448	A	1/OACSR	14.57Y	121.4	0.01	4.62	6.37	3	93	-2	-100	0.03	0.0	12.009	0.338	0	0	0	10
		B		14.91Y	124.3	0.01	1.71	4.44	2	65	-14	-98					0	0	0	0
		C		14.93Y	124.4	0.02	1.57	6.98	3	104	0	100					0	0	0	21
PL.41463	PL.41461	C	2ACSR	14.93Y	124.4	0.00	1.57	2.63	2	37	14	94	0.00	0.0	12.030	0.022	0	0	0	20
PL.21289	PL.41463	C	4ACSR	14.93Y	124.4	0.00	1.57	2.27	2	32	12	94	0.00	0.0	12.073	0.042	0	0	0	17
PL.22645	PL.21289	C	4ACSR	14.93Y	124.4	0.00	1.57	0.73	1	10	4	93	0.00	0.0	12.117	0.044	0	0	0	2
PL.22646	PL.22645	C	4ACSR	14.93Y	124.4	0.00	1.58	0.73	1	10	4	93	0.00	0.0	12.145	0.028	0	0	0	2
4684124	PL.22646	C	Consumer	14.93Y	124.4	0.00	1.58	0.55	0	8	3	94	0.00	0.0	12.145	0.000	8	3	1	1
4684161	PL.22646	C	Consumer	14.93Y	124.4	0.00	1.58	0.17	0	2	1	89	0.00	0.0	12.145	0.000	2	1	1	1
PL.21098	PL.21289	C	4ACSR	14.93Y	124.4	0.00	1.57	1.55	1	21	8	93	0.00	0.0	12.080	0.007	0	0	0	15
PL.20537	PL.21098	C	4ACSR	14.93Y	124.4	0.00	1.57	1.55	1	21	8	93	0.00	0.0	12.099	0.019	0	0	0	15
4684198	PL.20537	C	Consumer	14.93Y	124.4	0.00	1.57	0.02	0	0	0	100	0.00	0.0	12.099	0.000	0	0	1	1
4684178	PL.20537	C	Consumer	14.93Y	124.4	0.00	1.57	0.30	0	4	2	89	0.00	0.0	12.099	0.000	4	2	1	1
468473	PL.20537	C	Consumer	14.93Y	124.4	0.00	1.57	0.06	0	1	0	100	0.00	0.0	12.099	0.000	1	0	1	1
4684167	PL.20537	C	Consumer	14.93Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	12.099	0.000	0	0	0	0
PL.21290	PL.20537	C	4ACSR	14.93Y	124.4	0.00	1.58	1.17	1	16	6	94	0.00	0.0	12.153	0.054	0	0	0	12
PL.22617	PL.21290	C	4ACSR	14.93Y	124.4	0.00	1.58	0.23	0	3	1	95	0.00	0.0	12.202	0.048	0	0	0	6
PL.22616	PL.22617	C	4ACSR	14.93Y	124.4	0.00	1.58	0.21	0	3	1	95	0.00	0.0	12.251	0.049	0	0	0	4
468436	PL.22616	C	Consumer	14.93Y	124.4	0.00	1.58	0.07	0	1	0	100	0.00	0.0	12.251	0.000	1	0	1	1
468467	PL.22616	C	Consumer	14.93Y	124.4	0.00	1.58	0.05	0	1	0	100	0.00	0.0	12.251	0.000	1	0	1	1
468463	PL.22616	C	Consumer	14.93Y	124.4	0.00	1.58	0.08	0	1	0	100	0.00	0.0	12.251	0.000	1	0	1	1
4684177	PL.22616	C	Consumer	14.93Y	124.4	0.00	1.58	0.01	0	0	0	100	0.00	0.0	12.251	0.000	0	0	1	1
4684213	PL.22617	C	Consumer	14.93Y	124.4	0.00	1.58	0.01	0	0	0	100	0.00	0.0	12.202	0.000	0	0	1	1
468462	PL.22617	C	Consumer	14.93Y	124.4	0.00	1.58	0.00	0	0	0	100	0.00	0.0	12.202	0.000	0	0	1	1
4684116	PL.21290	C	Consumer	14.93Y	124.4	0.00	1.58	0.04	0	1	0	100	0.00	0.0	12.153	0.000	1	0	1	1
468476	PL.21290	C	Consumer	14.93Y	124.4	0.00	1.58	0.16	0	2	1	89	0.00	0.0	12.153	0.000	2	1	1	1
4684168	PL.21290	C	Consumer	14.93Y	124.4	0.00	1.58	0.25	0	3	1	95	0.00	0.0	12.153	0.000	3	1	1	1
468472	PL.21290	C	Consumer	14.93Y	124.4	0.00	1.58	0.22	0	3	1	95	0.00	0.0	12.153	0.000	3	1	1	1
4684157	PL.21290	C	Consumer	14.93Y	124.4	0.00	1.58	0.18	0	3	1	95	0.00	0.0	12.153	0.000	3	1	1	1
468485	PL.21290	C	Consumer	14.93Y	124.4	0.00	1.58	0.10	0	1	1	71	0.00	0.0	12.153	0.000	1	1	1	1
4684110	PL.41463	C	Consumer	14.93Y	124.4	0.00	1.57	0.04	0	1	0	100	0.00	0.0	12.030	0.000	1	0	1	1
468442	PL.41463	C	Consumer	14.93Y	124.4	0.00	1.57	0.12	0	2	1	89	0.00	0.0	12.030	0.000	2	1	1	1
468441	PL.41463	C	Consumer	14.93Y	124.4	0.00	1.57	0.20	0	3	1	95	0.00	0.0	12.030	0.000	3	1	1	1
PL.46016	PL.41461	A	4ACSR	14.57Y	121.4	0.00	4.62	2.07	2	28	11	93	0.00	0.0	12.016	0.008	0	0	0	10
PD.7445	PL.46016	A	fuse6AMP	14.57Y	121.4	0.00	4.62	2.07	35	28	11	93	0.00	0.0	12.016	0.000	0	0	0	10
PL.46017	PD.7445	A	4ACSR	14.57Y	121.4	0.00	4.62	2.07	2	28	11	93	0.00	0.0	12.025	0.009	0	0	0	10
PL.22627	PL.46017	A	4ACSR	14.57Y	121.4	0.00	4.62	0.77	1	10	4	93	0.00	0.0	12.081	0.056	0	0	0	5
468425	PL.22627	A	Consumer	14.57Y	121.4	0.00	4.62	0.05	0	1	0	100	0.00	0.0	12.081	0.000	1	0	1	1
PL.21287	PL.22627	A	4ACSR	14.57Y	121.4	0.00	4.62	0.72	1	10	4	93	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\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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.41451	PD.7442	B	2ACSR	14.92Y	124.3	0.00	1.68	0.21	0	3	1	95	0.00	0.0	11.724	0.306	0	0	0	4
PL.19348	PL.41451	B	4ACSR	14.92Y	124.3	0.00	1.68	0.21	0	3	1	95	0.00	0.0	11.846	0.122	0	0	0	4
469403	PL.19348	B	Consumer	14.92Y	124.3	0.00	1.68	0.07	0	1	0	100	0.00	0.0	11.846	0.000	1	0	1	1
PL.23168	PL.19348	B	4ACSR	14.92Y	124.3	0.00	1.68	0.14	0	2	1	89	0.00	0.0	11.970	0.124	0	0	0	3
PL.21690	PL.23168	B	4ACSR	14.92Y	124.3	0.00	1.68	0.14	0	2	1	89	0.00	0.0	12.026	0.055	0	0	0	2
4695005	PL.21690	B	Consumer	14.92Y	124.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	12.026	0.000	0	0	1	1
469504	PL.21690	B	Consumer	14.92Y	124.3	0.00	1.68	0.14	0	2	1	89	0.00	0.0	12.026	0.000	2	1	1	1
PL.28228	PL.23168	B	4ACSR	14.92Y	124.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	11.990	0.019	0	0	0	1
PL.28226	PL.28228	B	4ACSR	14.92Y	124.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	12.113	0.123	0	0	0	1
PL.28665	PL.28226	B	4ACSR	14.92Y	124.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	12.152	0.040	0	0	0	0
PL.28227	PL.28226	B	4ACSR	14.92Y	124.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	12.250	0.137	0	0	0	1
PL.33990	PL.28227	B	2ACSR	14.92Y	124.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	12.286	0.036	0	0	0	1
4695006	PL.33990	B	Consumer	14.92Y	124.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	12.286	0.000	0	0	1	1
PL.40984	PL.40979	C	2ACSR	14.94Y	124.5	0.00	1.51	0.39	0	5	2	93	0.00	0.0	11.228	0.005	0	0	0	1
PD.7313	PL.40984	C	fuse6AMP	14.94Y	124.5	0.00	1.51	0.39	7	5	2	93	0.00	0.0	11.228	0.000	0	0	0	1
PL.40985	PD.7313	C	2ACSR	14.94Y	124.5	0.00	1.51	0.39	0	5	2	93	0.00	0.0	11.270	0.041	0	0	0	1
469402	PL.40985	C	Consumer	14.94Y	124.5	0.00	1.51	0.39	0	5	2	93	0.00	0.0	11.270	0.000	5	2	1	1
PL.40976	PL.46005	C	2ACSR	14.94Y	124.5	0.00	1.48	0.21	0	3	1	95	0.00	0.0	10.893	0.005	0	0	0	4
PD.7312	PL.40976	C	fuse6AMP	14.94Y	124.5	0.00	1.48	0.21	4	3	1	95	0.00	0.0	10.893	0.000	0	0	0	4
PL.40977	PD.7312	C	2ACSR	14.94Y	124.5	0.00	1.48	0.21	0	3	1	95	0.00	0.0	10.924	0.031	0	0	0	4
040406	PL.40977	C	Consumer	14.94Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	10.924	0.000	0	0	1	1
040407	PL.40977	C	Consumer	14.94Y	124.5	0.00	1.48	0.02	0	0	0	100	0.00	0.0	10.924	0.000	0	0	1	1
040413	PL.40977	C	Consumer	14.94Y	124.5	0.00	1.48	0.16	0	2	1	89	0.00	0.0	10.924	0.000	2	1	1	1
040446	PL.40977	C	Consumer	14.94Y	124.5	0.00	1.48	0.03	0	0	0	100	0.00	0.0	10.924	0.000	0	0	1	1
0404112	PL.20215	C	Consumer	14.94Y	124.5	0.00	1.46	0.36	0	5	2	93	0.00	0.0	10.718	0.000	5	2	1	1
040420	PL.20215	C	Consumer	14.94Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	10.718	0.000	0	0	1	1
PL.7345	PL.20215	A	2ACSR	14.59Y	121.6	0.00	4.45	1.96	1	27	10	94	0.01	0.0	10.734	0.016	0	0	0	14
		B		14.93Y	124.4	0.00	1.61	14.87	10	207	81	93					0	0	0	120
		C		14.94Y	124.5	-0.00	1.46	0.00	0	0	0	100					0	0	0	0
PL.45998	PL.7345	A	2ACSR	14.59Y	121.6	0.00	4.45	1.96	1	27	10	94	0.01	0.0	10.761	0.027	0	0	0	14
		B		14.93Y	124.4	0.01	1.62	14.61	9	203	80	93					0	0	0	119
		C		14.94Y	124.5	-0.00	1.46	0.00	0	0	0	100					0	0	0	0
PD.8703	PL.45998	A	fuse6AMP	14.59Y	121.6	0.00	4.45	1.96	33	27	10	94	0.00	0.0	10.761	0.000	0	0	0	14
		B		14.93Y	124.4	0.00	1.62	14.61	29	203	80	93					0	0	0	119
		C		14.94Y	124.5	0.00	1.46	0.00	0	0	0	100					0	0	0	0
PL.45999	PD.8703	A	2ACSR	14.59Y	121.5	0.00	4.45	1.96	1	27	10	94	0.01	0.0	10.779	0.018	0	0	0	14
		B		14.93Y	124.4	0.00	1.62	14.61	9	203	80	93					0	0	0	119
		C		14.94Y	124.5	-0.00	1.46	0.00	0	0	0	100					0	0	0	0
PL.46000	PL.45999	A	2ACSR	14.59Y	121.5	0.00	4.45	1.96	1	27	10	94	0.00	0.0	10.790	0.011	0	0	0	14
		B		14.93Y	124.4	0.00	1.62	14.16	9	197	77	93					0	0	0	118
		C		14.94Y	124.5	-0.00	1.46	0.00	0	0	0	100					0	0	0	0
PL.46001	PL.46000	A	2ACSR	14.59Y	121.5	0.00	4.45	1.96	1	27	10	94	0.01	0.0	10.819	0.029	0	0	0	14
		B		14.92Y	124.4	0.01	1.63	14.16	9	197	77	93					0	0	0	118
		C		14.95Y	124.5	-0.00	1.46	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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 sub-headers for Units Displayed In Volts and Base Voltage:120.0-

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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							
0404125	PL.11043	B	Consumer	14.91Y	124.3	0.00	1.71	0.02	0	0	0	100	0.00	0.0	11.104	0.000	0	0	1	1
PL.7351	PL.11043	B	4ACSR	14.91Y	124.3	0.02	1.73	10.53	9	146	58	93	0.02	0.0	11.188	0.085	0	0	0	78
PL.18127	PL.7351	B	4ACSR	14.91Y	124.3	0.00	1.73	9.86	8	137	54	93	0.00	0.0	11.198	0.010	0	0	0	73
PD.484-A	PL.18127	B	Closed	14.91Y	124.3	0.00	1.73	9.86	0	137	54	93	0.00	0.0	11.198	0.000	0	0	0	73
PD.484-B	PD.484-A	B	Closed	14.91Y	124.3	0.00	1.73	9.86	0	137	54	93	0.00	0.0	11.198	0.000	0	0	0	73
PL.18128	PD.484-B	B	4ACSR	14.91Y	124.2	0.02	1.75	9.86	8	137	54	93	0.02	0.0	11.278	0.080	0	0	0	73
PL.30317	PL.18128	B	4ACSR	14.91Y	124.2	0.00	1.75	0.48	0	7	3	92	0.00	0.0	11.400	0.122	0	0	0	1
041404	PL.30317	B	Consumer	14.91Y	124.2	0.00	1.75	0.48	0	7	3	92	0.00	0.0	11.400	0.000	7	3	1	1
PL.33966	PL.18128	B	2ACSR	14.91Y	124.2	0.00	1.75	0.06	0	1	0	100	0.00	0.0	11.315	0.036	0	0	0	1
0404132	PL.33966	B	Consumer	14.91Y	124.2	0.00	1.75	0.06	0	1	0	100	0.00	0.0	11.315	0.000	1	0	1	1
PL.11428	PL.18128	B	4ACSR	14.91Y	124.2	0.01	1.77	8.93	8	124	49	93	0.01	0.0	11.347	0.069	0	0	0	70
040447	PL.11428	B	Consumer	14.91Y	124.2	0.00	1.77	0.33	0	5	2	93	0.00	0.0	11.347	0.000	5	2	1	1
PL.30318	PL.11428	B	4ACSR	14.91Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	11.427	0.080	0	0	0	0
0414121	PL.30318	B	Consumer	14.91Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	11.427	0.000	0	0	0	0
PL.22473	PL.11428	B	4ACSR	14.90Y	124.2	0.04	1.81	8.60	7	119	47	93	0.04	0.0	11.563	0.216	0	0	0	69
PL.20863	PL.22473	B	4ACSR	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	11.706	0.143	0	0	0	0
PL.22848	PL.20863	B	4ACSR	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	11.707	0.001	0	0	0	0
PL.20865	PL.22848	B	4ACSR	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	11.783	0.076	0	0	0	0
040501	PL.20863	B	Consumer	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	11.706	0.000	0	0	0	0
PL.22849	PL.20863	B	4ACSR	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	11.811	0.105	0	0	0	0
PL.43782	PL.22473	B	4ACSR	14.90Y	124.2	0.00	1.81	2.14	2	30	12	93	0.00	0.0	11.619	0.056	0	0	0	13
0414134	PL.43782	B	Consumer	14.90Y	124.2	0.00	1.81	0.24	0	3	1	95	0.00	0.0	11.619	0.000	3	1	1	1
PL.43783	PL.43782	B	4ACSR	14.90Y	124.2	0.00	1.81	1.91	2	27	10	94	0.00	0.0	11.665	0.046	0	0	0	12
PL.22325	PL.43783	B	4ACSR	14.90Y	124.2	0.00	1.82	1.53	1	21	8	93	0.00	0.0	11.764	0.098	0	0	0	11
PL.39015	PL.22325	B	4ACSR	14.90Y	124.2	0.00	1.82	0.86	1	12	5	92	0.00	0.0	11.801	0.037	0	0	0	9
0414128	PL.39015	B	Consumer	14.90Y	124.2	0.00	1.82	0.09	0	1	0	100	0.00	0.0	11.801	0.000	1	0	1	1
PL.40712	PL.39015	B	4ACSR	14.90Y	124.2	0.00	1.82	0.77	1	11	4	94	0.00	0.0	11.837	0.036	0	0	0	8
PL.40714	PL.40712	B	4ACSR	14.90Y	124.2	0.00	1.82	0.73	1	10	4	93	0.00	0.0	11.866	0.029	0	0	0	7
0414113	PL.40714	B	Consumer	14.90Y	124.2	0.00	1.82	0.08	0	1	0	100	0.00	0.0	11.866	0.000	1	0	1	1
0414114	PL.40714	B	Consumer	14.90Y	124.2	0.00	1.82	0.05	0	1	0	100	0.00	0.0	11.866	0.000	1	0	1	1
PL.40716	PL.40714	B	4ACSR	14.90Y	124.2	0.00	1.82	0.61	1	8	3	94	0.00	0.0	11.904	0.038	0	0	0	5
PL.45684	PL.40716	B	4ACSR	14.90Y	124.2	0.00	1.82	0.20	0	3	1	95	0.00	0.0	11.925	0.021	0	0	0	3
0414135	PL.45684	B	Consumer	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	11.925	0.000	0	0	0	0
PL.45685	PL.45684	B	4ACSR	14.90Y	124.2	0.00	1.82	0.20	0	3	1	95	0.00	0.0	11.948	0.023	0	0	0	3
0414118	PL.45685	B	Consumer	14.90Y	124.2	0.00	1.82	0.20	0	3	1	95	0.00	0.0	11.948	0.000	1	0	1	3
0414133	0414118	B	Consumer	14.90Y	124.2	0.00	1.82	0.04	0	0	0	100	0.00	0.0	11.948	0.000	0	0	1	1
0414124	0414118	B	Consumer	14.90Y	124.2	0.00	1.82	0.12	0	2	1	89	0.00	0.0	11.948	0.000	2	1	1	1
0414117	PL.40716	B	Consumer	14.90Y	124.2	0.00	1.82	0.06	0	1	0	100	0.00	0.0	11.904	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 CWP.WM\
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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-						% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	KW						% Loss	KW	KVAR	Cons On
0414116	PL.40716	B	Consumer	14.90Y	124.2	0.00	1.82	0.35	0	5	2	93	0.00	0.0	11.904	0.000	5	2	1	1	
0414111	PL.40712	B	Consumer	14.90Y	124.2	0.00	1.82	0.04	0	0	0	100	0.00	0.0	11.837	0.000	0	0	1	1	
0414115	PL.40712	B	Consumer	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	11.837	0.000	0	0	0	0	
041495	PL.22325	B	Consumer	14.90Y	124.2	0.00	1.82	0.35	0	5	2	93	0.00	0.0	11.764	0.000	5	2	1	1	
041410	PL.22325	B	Consumer	14.90Y	124.2	0.00	1.82	0.31	0	4	2	89	0.00	0.0	11.764	0.000	4	2	1	1	
041405	PL.43783	B	Consumer	14.90Y	124.2	0.00	1.81	0.38	0	5	2	93	0.00	0.0	11.665	0.000	5	2	1	1	
PL.22474	PL.22473	B	4ACSR	14.90Y	124.2	0.01	1.82	6.45	5	89	36	93	0.01	0.0	11.618	0.055	0	0	0	56	
PL.22323	PL.22474	B	4ACSR	14.90Y	124.2	0.01	1.83	6.45	5	89	36	93	0.01	0.0	11.705	0.087	0	0	0	56	
041511	PL.22323	B	Consumer	14.90Y	124.2	0.00	1.83	0.07	0	1	0	100	0.00	0.0	11.705	0.000	1	0	1	1	
PL.22855	PL.22323	B	4ACSR	14.90Y	124.2	0.01	1.84	6.38	5	88	35	93	0.00	0.0	11.747	0.042	0	0	0	55	
PL.22856	PL.22855	B	4ACSR	14.90Y	124.2	0.01	1.85	6.33	5	88	35	93	0.01	0.0	11.824	0.077	0	0	0	54	
PL.22854	PL.22856	B	4ACSR	14.90Y	124.1	0.00	1.85	3.69	3	51	21	92	0.00	0.0	11.865	0.041	0	0	0	20	
041549	PL.22854	B	Consumer	14.90Y	124.1	0.00	1.85	0.17	0	2	1	89	0.00	0.0	11.865	0.000	2	1	1	1	
PL.23186	PL.22854	B	4ACSR	14.90Y	124.1	0.00	1.85	3.53	3	49	20	93	0.00	0.0	11.909	0.044	0	0	0	19	
PL.23187	PL.23186	B	4ACSR	14.90Y	124.1	0.00	1.86	2.58	2	36	15	92	0.00	0.0	11.973	0.063	0	0	0	17	
PL.21496	PL.23187	B	4ACSR	14.90Y	124.1	0.00	1.86	1.43	1	20	8	93	0.00	0.0	11.980	0.007	0	0	0	7	
PD.2775	PL.21496	B	fuse6AMP	14.90Y	124.1	0.00	1.86	1.43	24	20	8	93	0.00	0.0	11.980	0.000	0	0	0	7	
PL.21497	PD.2775	B	4ACSR	14.90Y	124.1	0.00	1.86	1.43	1	20	8	93	0.00	0.0	12.033	0.054	0	0	0	7	
PL.21692	PL.21497	B	4ACSR	14.90Y	124.1	0.00	1.86	1.11	1	15	6	93	0.00	0.0	12.090	0.057	0	0	0	6	
PL.22479	PL.21692	B	4ACSR	14.90Y	124.1	0.00	1.86	1.11	1	15	6	93	0.00	0.0	12.171	0.081	0	0	0	6	
PL.22480	PL.22479	B	4ACSR	14.90Y	124.1	0.00	1.87	1.06	1	15	6	93	0.00	0.0	12.216	0.045	0	0	0	4	
PL.22838	PL.22480	B	4ACSR	14.90Y	124.1	0.00	1.87	0.32	0	4	2	89	0.00	0.0	12.434	0.218	0	0	0	2	
041508	PL.22838	B	Consumer	14.90Y	124.1	0.00	1.87	0.01	0	0	0	100	0.00	0.0	12.434	0.000	0	0	1	1	
PL.22835	PL.22838	B	4ACSR	14.90Y	124.1	0.00	1.87	0.30	0	4	2	89	0.00	0.0	12.489	0.055	0	0	0	1	
041509	PL.22835	B	Consumer	14.90Y	124.1	0.00	1.87	0.30	0	4	2	89	0.00	0.0	12.489	0.000	4	2	1	1	
041546	PL.22480	B	Consumer	14.90Y	124.1	0.00	1.87	0.33	0	5	2	93	0.00	0.0	12.216	0.000	5	2	1	1	
041507	PL.22480	B	Consumer	14.90Y	124.1	0.00	1.87	0.41	0	6	2	95	0.00	0.0	12.216	0.000	6	2	1	1	
PL.22321	PL.22479	B	4ACSR	14.90Y	124.1	0.00	1.86	0.05	0	1	0	100	0.00	0.0	12.230	0.059	0	0	0	2	
PL.22322	PL.22321	B	4ACSR	14.90Y	124.1	0.00	1.86	0.03	0	0	0	100	0.00	0.0	12.403	0.173	0	0	0	1	
041545	PL.22322	B	Consumer	14.90Y	124.1	0.00	1.86	0.03	0	0	0	100	0.00	0.0	12.403	0.000	0	0	1	1	
041512	PL.22321	B	Consumer	14.90Y	124.1	0.00	1.86	0.02	0	0	0	100	0.00	0.0	12.230	0.000	0	0	1	1	
041558	PL.21497	B	Consumer	14.90Y	124.1	0.00	1.86	0.32	0	4	2	89	0.00	0.0	12.033	0.000	4	2	1	1	
0415067	PL.21497	B	Consumer	14.90Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	12.033	0.000	0	0	0	0	
041515	PL.23187	B	Consumer	14.90Y	124.1	0.00	1.86	0.17	0	2	1	89	0.00	0.0	11.973	0.000	2	1	1	1	
PL.22481	PL.23187	B	4ACSR	14.90Y	124.1	0.01	1.86	0.98	1	13	6	91	0.00	0.0	12.203	0.231	0	0	0	9	
PL.45820	PL.22481	B	4ACSR	14.90Y	124.1	0.00	1.86	0.06	0	1	0	100	0.00	0.0	12.266	0.063	0	0	0	1	
PL.45822	PL.45820	B	4ACSR	14.90Y	124.1	0.00	1.86	0.06	0	1	0	100	0.00	0.0	12.267	0.001	0	0	0	1	
041503	PL.45822	B	Consumer	14.90Y	124.1	0.00	1.86	0.06	0	1	0	100	0.00	0.0	12.267	0.000	1	0	1	1	

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

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	14.90Y	124.1	0.00	1.86	0.61	1	8	3	94	0.00	0.0	12.181	0.072	0	0	0	10
0415066	PL.22852	B	Consumer	14.90Y	124.1	0.00	1.86	0.04	0	1	0	100	0.00	0.0	12.181	0.000	0	0	1	2
041548	0415066	B	Consumer	14.90Y	124.1	0.00	1.86	0.04	0	1	0	100	0.00	0.0	12.181	0.000	1	0	1	1
PL.22853	PL.22852	B	4ACSR	14.90Y	124.1	0.00	1.86	0.57	0	8	3	94	0.00	0.0	12.276	0.094	0	0	0	8
041547	PL.22853	B	Consumer	14.90Y	124.1	0.00	1.86	0.16	0	2	1	89	0.00	0.0	12.276	0.000	2	1	1	1
041539	PL.22853	B	Consumer	14.90Y	124.1	0.00	1.86	0.02	0	0	0	100	0.00	0.0	12.276	0.000	0	0	1	1
041543	PL.22853	B	Consumer	14.90Y	124.1	0.00	1.86	0.05	0	1	0	100	0.00	0.0	12.276	0.000	1	0	1	1
041535	PL.22853	B	Consumer	14.90Y	124.1	0.00	1.86	0.11	0	2	1	89	0.00	0.0	12.276	0.000	2	1	1	1
041544	PL.22853	B	Consumer	14.90Y	124.1	0.00	1.86	0.10	0	1	1	71	0.00	0.0	12.276	0.000	1	1	1	1
041537	PL.22853	B	Consumer	14.90Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	12.276	0.000	0	0	1	1
041542	PL.22853	B	Consumer	14.90Y	124.1	0.00	1.86	0.06	0	1	0	100	0.00	0.0	12.276	0.000	1	0	1	1
041541	PL.22853	B	Consumer	14.90Y	124.1	0.00	1.86	0.07	0	1	0	100	0.00	0.0	12.276	0.000	1	0	1	1
041529	PL.22476	B	Consumer	14.90Y	124.1	0.00	1.86	0.04	0	1	0	100	0.00	0.0	12.109	0.000	1	0	1	1
041528	PL.22476	B	Consumer	14.90Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	12.109	0.000	0	0	1	1
041523	PL.22476	B	Consumer	14.90Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	12.109	0.000	0	0	1	1
041520	PL.22476	B	Consumer	14.90Y	124.1	0.00	1.86	0.06	0	1	0	100	0.00	0.0	12.109	0.000	1	0	1	1
041517	PL.22476	B	Consumer	14.90Y	124.1	0.00	1.86	0.09	0	1	0	100	0.00	0.0	12.109	0.000	1	0	1	1
041526	PL.22476	B	Consumer	14.90Y	124.1	0.00	1.86	0.38	0	5	2	93	0.00	0.0	12.109	0.000	5	2	1	1
041510	PL.22318	B	Consumer	14.90Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	12.054	0.000	0	0	0	0
041521	PL.22318	B	Consumer	14.90Y	124.1	0.00	1.86	0.19	0	3	1	95	0.00	0.0	12.054	0.000	3	1	1	1
041527	PL.22317	B	Consumer	14.90Y	124.1	0.00	1.86	0.04	0	1	0	100	0.00	0.0	12.026	0.000	1	0	1	1
041534	PL.22317	B	Consumer	14.90Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	12.026	0.000	0	0	1	1
041532	PL.22317	B	Consumer	14.90Y	124.1	0.00	1.86	0.07	0	1	0	100	0.00	0.0	12.026	0.000	1	0	1	1
041560	PL.22317	B	Consumer	14.90Y	124.1	0.00	1.86	0.30	0	4	2	89	0.00	0.0	12.026	0.000	4	2	1	1
041530	PL.22317	B	Consumer	14.90Y	124.1	0.00	1.86	0.07	0	1	0	100	0.00	0.0	12.026	0.000	1	0	1	1
041555	PL.21676	B	Consumer	14.90Y	124.1	0.00	1.85	0.06	0	1	0	100	0.00	0.0	11.916	0.000	1	0	1	1
041557	PL.21676	B	Consumer	14.90Y	124.1	0.00	1.85	0.01	0	0	0	100	0.00	0.0	11.916	0.000	0	0	1	1
041556	PL.21676	B	Consumer	14.90Y	124.1	0.00	1.85	0.03	0	0	0	100	0.00	0.0	11.916	0.000	0	0	1	1
0415068	PL.21676	B	Consumer	14.90Y	124.1	0.00	1.85	0.00	0	0	0	100	0.00	0.0	11.916	0.000	0	0	0	0
041559	PL.22856	B	Consumer	14.90Y	124.2	0.00	1.85	0.01	0	0	0	100	0.00	0.0	11.824	0.000	0	0	1	1
041561	PL.22856	B	Consumer	14.90Y	124.2	0.00	1.85	0.00	0	0	0	100	0.00	0.0	11.824	0.000	0	0	0	0
0415064	PL.22856	B	Consumer	14.90Y	124.2	0.00	1.85	0.00	0	0	0	100	0.00	0.0	11.824	0.000	0	0	0	0
041552	PL.22856	B	Consumer	14.90Y	124.2	0.00	1.85	0.03	0	0	0	100	0.00	0.0	11.824	0.000	0	0	1	1
041553	PL.22855	B	Consumer	14.90Y	124.2	0.00	1.84	0.05	0	1	0	100	0.00	0.0	11.747	0.000	1	0	1	1
040477	PL.18128	B	Consumer	14.91Y	124.2	0.00	1.75	0.38	0	5	2	93	0.00	0.0	11.278	0.000	5	2	1	1
040422	PL.7351	B	Consumer	14.91Y	124.3	0.00	1.73	0.04	0	1	0	100	0.00	0.0	11.188	0.000	1	0	1	1
040496	PL.7351	B	Consumer	14.91Y	124.3	0.00	1.73	0.20	0	3	1	95	0.00	0.0	11.188	0.000	3	1	1	1
0404110	PL.7351	B	Consumer	14.91Y	124.3	0.00	1.73	0.00	0	0	0	100	0.00	0.0	11.188	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
040423	PL.7351	B	Consumer	14.91Y	124.3	0.00	1.73	0.10	0	1	1	71	0.00	0.0	11.188	0.000	1	1	1	1
040487	PL.7351	B	Consumer	14.91Y	124.3	0.00	1.73	0.33	0	5	2	93	0.00	0.0	11.188	0.000	5	2	1	1
PL.22794	PL.11042	B	4ACSR	14.92Y	124.3	0.00	1.70	1.84	2	26	10	93	0.00	0.0	11.083	0.042	0	0	0	22
PL.22795	PL.22794	B	4ACSR	14.92Y	124.3	0.00	1.70	1.32	1	18	7	93	0.00	0.0	11.168	0.085	0	0	0	17
PL.22845	PL.22795	B	4ACSR	14.92Y	124.3	0.00	1.70	1.26	1	17	7	92	0.00	0.0	11.202	0.034	0	0	0	16
PL.28384	PL.22845	B	4ACSR	14.92Y	124.3	0.00	1.70	0.78	1	11	4	94	0.00	0.0	11.252	0.050	0	0	0	13
040457	PL.28384	B	Consumer	14.92Y	124.3	0.00	1.70	0.06	0	1	0	100	0.00	0.0	11.252	0.000	1	0	1	1
040432	PL.28384	B	Consumer	14.92Y	124.3	0.00	1.70	0.11	0	2	1	89	0.00	0.0	11.252	0.000	2	1	1	1
040430	PL.28384	B	Consumer	14.92Y	124.3	0.00	1.70	0.03	0	0	0	100	0.00	0.0	11.252	0.000	0	0	1	1
040435	PL.28384	B	Consumer	14.92Y	124.3	0.00	1.70	0.07	0	1	0	100	0.00	0.0	11.252	0.000	1	0	1	1
PL.28385	PL.28384	B	4ACSR	14.92Y	124.3	0.00	1.70	0.51	0	7	3	92	0.00	0.0	11.296	0.044	0	0	0	9
040456	PL.28385	B	Consumer	14.92Y	124.3	0.00	1.70	0.02	0	0	0	100	0.00	0.0	11.296	0.000	0	0	1	1
0404129	PL.28385	B	Consumer	14.92Y	124.3	0.00	1.70	0.12	0	2	1	89	0.00	0.0	11.296	0.000	2	1	1	1
040448	PL.28385	B	Consumer	14.92Y	124.3	0.00	1.70	0.02	0	0	0	100	0.00	0.0	11.296	0.000	0	0	1	1
PL.22846	PL.28385	B	4ACSR	14.92Y	124.3	0.00	1.70	0.35	0	5	2	93	0.00	0.0	11.316	0.021	0	0	0	6
PL.22847	PL.22846	B	4ACSR	14.92Y	124.3	0.00	1.70	0.29	0	4	2	89	0.00	0.0	11.363	0.046	0	0	0	5
040453	PL.22847	B	Consumer	14.92Y	124.3	0.00	1.70	0.07	0	1	0	100	0.00	0.0	11.363	0.000	1	0	1	1
040454	PL.22847	B	Consumer	14.92Y	124.3	0.00	1.70	0.02	0	0	0	100	0.00	0.0	11.363	0.000	0	0	1	1
040437	PL.22847	B	Consumer	14.92Y	124.3	0.00	1.70	0.01	0	0	0	100	0.00	0.0	11.363	0.000	0	0	1	1
040483	PL.22847	B	Consumer	14.92Y	124.3	0.00	1.70	0.12	0	2	1	89	0.00	0.0	11.363	0.000	2	1	1	1
040451	PL.22847	B	Consumer	14.92Y	124.3	0.00	1.70	0.08	0	1	0	100	0.00	0.0	11.363	0.000	1	0	1	1
040444	PL.22846	B	Consumer	14.92Y	124.3	0.00	1.70	0.06	0	1	0	100	0.00	0.0	11.316	0.000	1	0	1	1
040436	PL.22845	B	Consumer	14.92Y	124.3	0.00	1.70	0.12	0	2	1	89	0.00	0.0	11.202	0.000	2	1	1	1
040485	PL.22845	B	Consumer	14.92Y	124.3	0.00	1.70	0.07	0	1	0	100	0.00	0.0	11.202	0.000	1	0	1	1
040429	PL.22845	B	Consumer	14.92Y	124.3	0.00	1.70	0.29	0	4	2	89	0.00	0.0	11.202	0.000	4	2	1	1
040455	PL.22795	B	Consumer	14.92Y	124.3	0.00	1.70	0.06	0	1	0	100	0.00	0.0	11.168	0.000	1	0	1	1
PL.22792	PL.22794	B	4ACSR	14.92Y	124.3	0.00	1.70	0.53	0	7	3	92	0.00	0.0	11.117	0.035	0	0	0	5
0404121	PL.22792	B	Consumer	14.92Y	124.3	0.00	1.70	0.08	0	1	0	100	0.00	0.0	11.117	0.000	1	0	1	1
PL.22793	PL.22792	B	4ACSR	14.92Y	124.3	0.00	1.70	0.44	0	6	2	95	0.00	0.0	11.167	0.049	0	0	0	4
040449	PL.22793	B	Consumer	14.92Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	11.167	0.000	0	0	0	0
040460	PL.22793	B	Consumer	14.92Y	124.3	0.00	1.70	0.18	0	3	1	95	0.00	0.0	11.167	0.000	3	1	1	1
040452	PL.22793	B	Consumer	14.92Y	124.3	0.00	1.70	0.08	0	1	0	100	0.00	0.0	11.167	0.000	1	0	1	1
040414	PL.22793	B	Consumer	14.92Y	124.3	0.00	1.70	0.07	0	1	0	100	0.00	0.0	11.167	0.000	1	0	1	1
040450	PL.22793	B	Consumer	14.92Y	124.3	0.00	1.70	0.11	0	2	1	89	0.00	0.0	11.167	0.000	2	1	1	1
0404127	PL.11041	B	Consumer	14.92Y	124.4	0.00	1.65	0.09	0	1	0	100	0.00	0.0	10.881	0.000	1	0	1	1
040428	PL.11041	B	Consumer	14.92Y	124.4	0.00	1.65	0.07	0	1	0	100	0.00	0.0	10.881	0.000	1	0	1	1
PL.22850	PL.20359	B	4ACSR	14.92Y	124.4	0.00	1.64	0.58	0	8	3	94	0.00	0.0	10.941	0.092	0	0	0	6
040465	PL.22850	B	Consumer	14.92Y	124.4	0.00	1.64	0.05	0	1	0	100	0.00	0.0	10.941	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

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

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units (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 element IDs like 0404131, 040468, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR					Length (mi)	KW		
PL.45547	PD.8667	C	4ACSR	14.94Y	124.5	0.00	1.48	2.06	2	29	11	93	0.00	0.0	11.067	0.026	0	0	0	18
040494	PL.45547	C	Consumer	14.94Y	124.5	0.00	1.48	0.02	0	0	0	100	0.00	0.0	11.067	0.000	0	0	1	1
040488	PL.45547	C	Consumer	14.94Y	124.5	0.00	1.48	0.05	0	1	0	100	0.00	0.0	11.067	0.000	1	0	1	1
040475	PL.45547	C	Consumer	14.94Y	124.5	0.00	1.48	0.41	0	6	2	95	0.00	0.0	11.067	0.000	6	2	1	1
PL.29010	PL.45547	C	4ACSR	14.94Y	124.5	0.00	1.48	0.85	1	12	5	92	0.00	0.0	11.095	0.027	0	0	0	4
PL.29011	PL.29010	C	4ACSR	14.94Y	124.5	0.00	1.49	0.31	0	4	2	89	0.00	0.0	11.137	0.043	0	0	0	2
0404114	PL.29011	C	Consumer	14.94Y	124.5	0.00	1.49	0.27	0	4	1	97	0.00	0.0	11.137	0.000	4	1	1	1
0404100	PL.29011	C	Consumer	14.94Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	11.137	0.000	0	0	0	0
040411	PL.29011	C	Consumer	14.94Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	11.137	0.000	0	0	0	0
040486	PL.29011	C	Consumer	14.94Y	124.5	0.00	1.49	0.04	0	1	0	100	0.00	0.0	11.137	0.000	1	0	1	1
040489	PL.29010	C	Consumer	14.94Y	124.5	0.00	1.48	0.45	0	6	2	95	0.00	0.0	11.095	0.000	6	2	1	1
040476	PL.29010	C	Consumer	14.94Y	124.5	0.00	1.48	0.08	0	1	0	100	0.00	0.0	11.095	0.000	1	0	1	1
PL.28933	PL.45547	C	4ACSR	14.94Y	124.5	0.00	1.49	0.51	0	7	3	92	0.00	0.0	11.159	0.092	0	0	0	7
PL.28934	PL.28933	C	4ACSR	14.94Y	124.5	0.00	1.49	0.20	0	3	1	95	0.00	0.0	11.206	0.047	0	0	0	4
PL.28932	PL.28934	C	4ACSR	14.94Y	124.5	0.00	1.49	0.16	0	2	1	89	0.00	0.0	11.255	0.049	0	0	0	3
040490	PL.28932	C	Consumer	14.94Y	124.5	0.00	1.49	0.10	0	1	1	71	0.00	0.0	11.255	0.000	1	1	1	1
040478	PL.28932	C	Consumer	14.94Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	11.255	0.000	0	0	1	1
040479	PL.28932	C	Consumer	14.94Y	124.5	0.00	1.49	0.06	0	1	0	100	0.00	0.0	11.255	0.000	1	0	1	1
040482	PL.28934	C	Consumer	14.94Y	124.5	0.00	1.49	0.04	0	1	0	100	0.00	0.0	11.206	0.000	1	0	1	1
040481	PL.28933	C	Consumer	14.94Y	124.5	0.00	1.49	0.05	0	1	0	100	0.00	0.0	11.159	0.000	1	0	1	1
040480	PL.28933	C	Consumer	14.94Y	124.5	0.00	1.49	0.12	0	2	1	89	0.00	0.0	11.159	0.000	2	1	1	1
0404105	PL.28933	C	Consumer	14.94Y	124.5	0.00	1.49	0.14	0	2	1	89	0.00	0.0	11.159	0.000	2	1	1	1
PL.29180	PL.45547	C	4ACSR	14.94Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	11.096	0.029	0	0	0	0
PL.29012	PL.45547	C	4ACSR	14.94Y	124.5	0.00	1.48	0.22	0	3	1	95	0.00	0.0	11.102	0.035	0	0	0	4
040474	PL.29012	C	Consumer	14.94Y	124.5	0.00	1.48	0.02	0	0	0	100	0.00	0.0	11.102	0.000	0	0	1	1
040472	PL.29012	C	Consumer	14.94Y	124.5	0.00	1.48	0.01	0	0	0	100	0.00	0.0	11.102	0.000	0	0	1	1
040473	PL.29012	C	Consumer	14.94Y	124.5	0.00	1.48	0.13	0	2	1	89	0.00	0.0	11.102	0.000	2	1	1	1
040433	PL.29012	C	Consumer	14.94Y	124.5	0.00	1.48	0.05	0	1	0	100	0.00	0.0	11.102	0.000	1	0	1	1
PL.28928	PL.29012	C	4ACSR	14.94Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	11.119	0.017	0	0	0	0
040405	PL.28928	C	Consumer	14.94Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	11.119	0.000	0	0	0	0
PL.28057	PL.11024	A	4ACSR	14.60Y	121.7	0.00	4.34	0.88	1	12	6	89	0.00	0.0	10.342	0.007	0	0	0	1
PD.2777	PL.28057	A	fuse6AMP	14.60Y	121.7	0.00	4.34	0.88	15	12	6	89	0.00	0.0	10.342	0.000	0	0	0	1
PL.28058	PD.2777	A	4ACSR	14.60Y	121.7	0.00	4.34	0.88	1	12	6	89	0.00	0.0	10.366	0.025	0	0	0	1
0404122	PL.28058	A	Consumer	14.60Y	121.7	0.00	4.34	0.88	0	12	6	89	0.00	0.0	10.366	0.000	12	6	1	1
040313	PL.11023	B	Consumer	14.96Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	10.131	0.000	0	0	1	1
040319	PL.11023	B	Consumer	14.96Y	124.6	0.00	1.37	0.27	0	4	1	97	0.00	0.0	10.131	0.000	4	1	1	1
PL.18134	PL.19654	B	4ACSR	14.96Y	124.7	0.00	1.35	0.24	0	3	1	95	0.00	0.0	10.078	0.005	0	0	0	2
PD.2008	PL.18134	B	fuse6AMP	14.96Y	124.7	0.00	1.35	0.24	4	3	1	95	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\SUMMER\PROPOSED SUMMER 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.18135	PD.2008	B	4ACSR	14.96Y	124.7	0.00	1.35	0.24	0	3	1	95	0.00	0.0	10.096	0.018	0	0	0	2
PL.6841	PL.18135	B	4ACSR	14.96Y	124.7	0.00	1.35	0.18	0	2	1	89	0.00	0.0	10.165	0.069	0	0	0	1
040310	PL.6841	B	Consumer	14.96Y	124.7	0.00	1.35	0.18	0	2	1	89	0.00	0.0	10.165	0.000	2	1	1	1
040317	PL.18135	B	Consumer	14.96Y	124.7	0.00	1.35	0.06	0	1	0	100	0.00	0.0	10.096	0.000	1	0	1	1
040320	PL.19346	B	Consumer	14.96Y	124.7	0.00	1.34	0.29	0	4	2	89	0.00	0.0	10.044	0.000	4	2	1	1
040331	PL.19346	B	Consumer	14.96Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	10.044	0.000	0	0	0	0
040326	PL.11022	C	Consumer	14.96Y	124.6	0.00	1.35	0.11	0	1	1	71	0.00	0.0	9.995	0.000	1	1	1	1
040318	PL.11022	B	Consumer	14.96Y	124.7	0.00	1.32	0.07	0	1	0	100	0.00	0.0	9.995	0.000	1	0	1	1
PL.18132	PL.10852	C	4ACSR	14.96Y	124.7	0.00	1.34	0.65	1	9	4	91	0.00	0.0	9.928	0.004	0	0	0	2
PD.2007	PL.18132	C	fuse6AMP	14.96Y	124.7	0.00	1.34	0.65	11	9	4	91	0.00	0.0	9.928	0.000	0	0	0	2
PL.18133	PD.2007	C	4ACSR	14.96Y	124.7	0.00	1.34	0.65	1	9	4	91	0.00	0.0	9.991	0.062	0	0	0	2
040385	PL.18133	C	Consumer	14.96Y	124.7	0.00	1.34	0.29	0	4	2	89	0.00	0.0	9.991	0.000	4	2	1	1
040373	PL.18133	C	Consumer	14.96Y	124.7	0.00	1.34	0.36	0	5	2	93	0.00	0.0	9.991	0.000	5	2	1	1
PL.10851	PL.10850	A	4ACSR	14.63Y	121.9	0.00	4.10	2.48	2	34	13	93	0.00	0.0	9.834	0.045	0	0	0	21
PL.18676	PL.10851	A	4ACSR	14.63Y	121.9	0.00	4.10	2.32	2	32	12	94	0.00	0.0	9.840	0.007	0	0	0	19
PD.3698	PL.18676	A	35L	14.63Y	121.9	0.00	4.10	2.32	7	32	12	94	0.00	0.0	9.840	0.000	0	0	0	19
PL.18677	PD.3698	A	4ACSR	14.63Y	121.9	0.00	4.10	2.32	2	32	12	94	0.00	0.0	9.922	0.082	0	0	0	19
PL.19500	PL.18677	A	4ACSR	14.63Y	121.9	0.00	4.11	2.28	2	31	12	93	0.00	0.0	9.963	0.041	0	0	0	18
040343	PL.19500	A	Consumer	14.63Y	121.9	0.00	4.11	0.10	0	1	1	71	0.00	0.0	9.963	0.000	1	1	1	1
PL.19501	PL.19500	A	4ACSR	14.63Y	121.9	0.00	4.11	2.18	2	30	12	93	0.00	0.0	10.030	0.068	0	0	0	17
PL.27824	PL.19501	A	4ACSR	14.63Y	121.9	0.00	4.11	1.87	2	25	10	93	0.00	0.0	10.078	0.047	0	0	0	16
040354	PL.27824	A	Consumer	14.63Y	121.9	0.00	4.11	0.00	0	0	0	100	0.00	0.0	10.078	0.000	0	0	0	0
040357	PL.27824	A	Consumer	14.63Y	121.9	0.00	4.11	0.22	0	3	1	95	0.00	0.0	10.078	0.000	3	1	1	1
PL.27825	PL.27824	A	4ACSR	14.63Y	121.9	0.00	4.11	1.64	1	22	9	93	0.00	0.0	10.114	0.037	0	0	0	15
PL.7310	PL.27825	A	4ACSR	14.63Y	121.9	0.00	4.12	1.42	1	19	8	92	0.00	0.0	10.181	0.066	0	0	0	12
040363	PL.7310	A	Consumer	14.63Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	10.181	0.000	0	0	0	0
040364	PL.7310	A	Consumer	14.63Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	10.181	0.000	0	0	0	0
040338	PL.7310	A	Consumer	14.63Y	121.9	0.00	4.12	0.06	0	1	0	100	0.00	0.0	10.181	0.000	1	0	1	1
040358	PL.7310	A	Consumer	14.63Y	121.9	0.00	4.12	0.03	0	0	0	100	0.00	0.0	10.181	0.000	0	0	1	1
040334	PL.7310	A	Consumer	14.63Y	121.9	0.00	4.12	0.04	0	1	0	100	0.00	0.0	10.181	0.000	1	0	1	1
PL.7311	PL.7310	A	4ACSR	14.63Y	121.9	0.00	4.12	1.30	1	18	7	93	0.00	0.0	10.218	0.037	0	0	0	9
PL.7312	PL.7311	A	4ACSR	14.63Y	121.9	0.00	4.12	0.94	1	13	5	93	0.00	0.0	10.264	0.047	0	0	0	6
040379	PL.7312	A	Consumer	14.63Y	121.9	0.00	4.12	0.01	0	0	0	100	0.00	0.0	10.264	0.000	0	0	1	1
040395	PL.7312	A	Consumer	14.63Y	121.9	0.00	4.12	0.14	0	2	1	89	0.00	0.0	10.264	0.000	2	1	1	1
040383	PL.7312	A	Consumer	14.63Y	121.9	0.00	4.12	0.43	0	6	2	95	0.00	0.0	10.264	0.000	6	2	1	1
PL.7313	PL.7312	A	4ACSR	14.63Y	121.9	0.00	4.12	0.36	0	5	2	93	0.00	0.0	10.320	0.055	0	0	0	3
040391	PL.7313	A	Consumer	14.63Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	10.320	0.000	0	0	1	1
040381	PL.7313	A	Consumer	14.63Y	121.9	0.00	4.12	0.05	0	1	0	100	0.00	0.0	10.320	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.

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\SUMMER\PROPOSED SUMMER 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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.474-B, PL.18140, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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							
0413148	PL.19787	A	Consumer	14.63Y	121.9	0.00	4.06	0.22	0	3	1	95	0.00	0.0	10.155	0.000	3	1	1	1
041357	PL.19787	A	Consumer	14.63Y	121.9	0.00	4.06	0.18	0	2	1	89	0.00	0.0	10.155	0.000	2	1	1	1
041361	PL.19787	A	Consumer	14.63Y	121.9	0.00	4.06	0.00	0	0	0	100	0.00	0.0	10.155	0.000	0	0	1	1
0413147	PL.19787	A	Consumer	14.63Y	121.9	0.00	4.06	0.51	0	7	3	92	0.00	0.0	10.155	0.000	7	3	1	1
PL.6838	PL.19787	A	4ACSR	14.63Y	121.9	0.00	4.06	0.19	0	3	1	95	0.00	0.0	10.210	0.055	0	0	0	4
041360	PL.6838	A	Consumer	14.63Y	121.9	0.00	4.06	0.05	0	1	0	100	0.00	0.0	10.210	0.000	1	0	1	1
0413115	PL.6838	A	Consumer	14.63Y	121.9	0.00	4.06	0.07	0	1	0	100	0.00	0.0	10.210	0.000	1	0	1	1
PL.6831	PL.6838	A	4ACSR	14.63Y	121.9	0.00	4.06	0.07	0	1	0	100	0.00	0.0	10.317	0.107	0	0	0	2
041386	PL.6831	A	Consumer	14.63Y	121.9	0.00	4.06	0.02	0	0	0	100	0.00	0.0	10.317	0.000	0	0	1	1
041377	PL.6831	A	Consumer	14.63Y	121.9	0.00	4.06	0.04	0	1	0	100	0.00	0.0	10.317	0.000	1	0	1	1
041380	PL.19786	A	Consumer	14.63Y	121.9	0.00	4.06	0.18	0	2	1	89	0.00	0.0	10.116	0.000	2	1	1	1
041379	PL.19786	A	Consumer	14.63Y	121.9	0.00	4.06	0.11	0	1	1	71	0.00	0.0	10.116	0.000	1	1	1	1
041369	PL.19786	A	Consumer	14.63Y	121.9	0.00	4.06	0.02	0	0	0	100	0.00	0.0	10.116	0.000	0	0	1	1
0413198	PL.19786	A	Consumer	14.63Y	121.9	0.00	4.06	0.21	0	3	1	95	0.00	0.0	10.116	0.000	3	1	1	1
PL.6825	PL.6836	A	4ACSR	14.63Y	121.9	0.00	4.06	0.71	1	10	4	93	0.00	0.0	10.108	0.039	0	0	0	4
PL.6826	PL.6825	A	4ACSR	14.63Y	121.9	0.00	4.06	0.71	1	10	4	93	0.00	0.0	10.163	0.056	0	0	0	4
PL.6824	PL.6826	A	4ACSR	14.63Y	121.9	0.00	4.06	0.28	0	4	1	97	0.00	0.0	10.202	0.039	0	0	0	2
PL.11247	PL.6824	A	4ACSR	14.63Y	121.9	0.00	4.06	0.28	0	4	1	97	0.00	0.0	10.240	0.038	0	0	0	2
0413234	PL.11247	A	Consumer	14.63Y	121.9	0.00	4.06	0.00	0	0	0	100	0.00	0.0	10.240	0.000	0	0	0	0
PL.11248	PL.11247	A	4ACSR	14.63Y	121.9	0.00	4.06	0.28	0	4	1	97	0.00	0.0	10.284	0.043	0	0	0	2
041378	PL.11248	A	Consumer	14.63Y	121.9	0.00	4.06	0.25	0	3	1	95	0.00	0.0	10.284	0.000	3	1	1	1
PL.7303	PL.11248	A	4ACSR	14.63Y	121.9	0.00	4.06	0.03	0	0	0	100	0.00	0.0	10.315	0.031	0	0	0	1
041368	PL.7303	A	Consumer	14.63Y	121.9	0.00	4.06	0.03	0	0	0	100	0.00	0.0	10.315	0.000	0	0	1	1
PL.3144	PL.11247	A	4ACSR	14.63Y	121.9	0.00	4.06	0.00	0	0	0	100	0.00	0.0	10.270	0.030	0	0	0	0
041383	PL.6826	A	Consumer	14.63Y	121.9	0.00	4.06	0.22	0	3	1	95	0.00	0.0	10.163	0.000	3	1	1	1
041372	PL.6826	A	Consumer	14.63Y	121.9	0.00	4.06	0.21	0	3	1	95	0.00	0.0	10.163	0.000	3	1	1	1
041364	PL.6836	A	Consumer	14.63Y	121.9	0.00	4.06	0.30	0	4	2	89	0.00	0.0	10.069	0.000	4	2	1	1
041359	PL.6836	A	Consumer	14.63Y	121.9	0.00	4.06	0.20	0	3	1	95	0.00	0.0	10.069	0.000	3	1	1	1
0413150	PL.6837	A	Consumer	14.63Y	121.9	0.00	4.06	0.00	0	0	0	100	0.00	0.0	10.027	0.000	0	0	0	0
0413158	PL.6837	A	Consumer	14.63Y	121.9	0.00	4.06	0.04	0	1	0	100	0.00	0.0	10.027	0.000	1	0	1	1
041365	PL.6837	A	Consumer	14.63Y	121.9	0.00	4.06	0.22	0	3	1	95	0.00	0.0	10.027	0.000	3	1	1	1
0413135	PL.6837	A	Consumer	14.63Y	121.9	0.00	4.06	0.09	0	1	0	100	0.00	0.0	10.027	0.000	1	0	1	1
PL.7299	PL.18140	A	4ACSR	14.63Y	122.0	0.00	4.05	0.49	0	7	3	92	0.00	0.0	9.987	0.078	0	0	0	5
041347	PL.7299	A	Consumer	14.63Y	122.0	0.00	4.05	0.03	0	0	0	100	0.00	0.0	9.987	0.000	0	0	1	1
041343	PL.7299	A	Consumer	14.63Y	122.0	0.00	4.05	0.29	0	4	2	89	0.00	0.0	9.987	0.000	4	2	1	1
PL.7300	PL.7299	A	4ACSR	14.63Y	122.0	0.00	4.05	0.17	0	2	1	89	0.00	0.0	10.061	0.074	0	0	0	3
PL.7298	PL.7300	A	4ACSR	14.63Y	122.0	0.00	4.05	0.07	0	1	0	100	0.00	0.0	10.116	0.055	0	0	0	1
041345	PL.7298	A	Consumer	14.63Y	122.0	0.00	4.05	0.07	0	1	0	100	0.00	0.0	10.116	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
0413108	PL.7300	A	Consumer	14.63Y	122.0	0.00	4.05	0.00	0	0	0	100	0.00	0.0	10.061	0.000	0	0	1	1
0413195	PL.7300	A	Consumer	14.63Y	122.0	0.00	4.05	0.10	0	1	1	71	0.00	0.0	10.061	0.000	1	1	1	1
041338	PL.18140	A	Consumer	14.63Y	122.0	0.00	4.05	0.00	0	0	0	100	0.00	0.0	9.909	0.000	0	0	1	1
PL.7322	PL.18141	A	4ACSR	14.64Y	122.0	0.00	4.03	1.00	1	14	5	94	0.00	0.0	9.880	0.095	0	0	0	14
0413208	PL.7322	A	Consumer	14.64Y	122.0	0.00	4.03	0.32	0	4	2	89	0.00	0.0	9.880	0.000	4	2	1	1
PL.7323	PL.7322	A	4ACSR	14.64Y	122.0	0.00	4.04	0.68	1	9	4	91	0.00	0.0	9.953	0.073	0	0	0	13
PL.7302	PL.7323	A	4ACSR	14.64Y	122.0	0.00	4.04	0.52	0	7	3	92	0.00	0.0	10.023	0.070	0	0	0	9
PL.7301	PL.7302	A	4ACSR	14.64Y	122.0	0.00	4.04	0.32	0	4	2	89	0.00	0.0	10.079	0.056	0	0	0	7
041373	PL.7301	A	Consumer	14.64Y	122.0	0.00	4.04	0.00	0	0	0	100	0.00	0.0	10.079	0.000	0	0	0	0
0413114	PL.7301	A	Consumer	14.64Y	122.0	0.00	4.04	0.03	0	0	0	100	0.00	0.0	10.079	0.000	0	0	1	1
041374	PL.7301	A	Consumer	14.64Y	122.0	0.00	4.04	0.08	0	1	0	100	0.00	0.0	10.079	0.000	1	0	1	1
PL.7294	PL.7301	A	4ACSR	14.64Y	122.0	0.00	4.04	0.21	0	3	1	95	0.00	0.0	10.134	0.055	0	0	0	5
0413111	PL.7294	A	Consumer	14.64Y	122.0	0.00	4.04	0.01	0	0	0	100	0.00	0.0	10.134	0.000	0	0	1	1
0413112	PL.7294	A	Consumer	14.64Y	122.0	0.00	4.04	0.06	0	1	0	100	0.00	0.0	10.134	0.000	1	0	1	1
041375	PL.7294	A	Consumer	14.64Y	122.0	0.00	4.04	0.00	0	0	0	100	0.00	0.0	10.134	0.000	0	0	1	1
041394	PL.7294	A	Consumer	14.64Y	122.0	0.00	4.04	0.06	0	1	0	100	0.00	0.0	10.134	0.000	1	0	1	1
041399	PL.7294	A	Consumer	14.64Y	122.0	0.00	4.04	0.08	0	1	0	100	0.00	0.0	10.134	0.000	1	0	1	1
0413119	PL.7302	A	Consumer	14.64Y	122.0	0.00	4.04	0.13	0	2	1	89	0.00	0.0	10.023	0.000	2	1	1	1
0413109	PL.7302	A	Consumer	14.64Y	122.0	0.00	4.04	0.08	0	1	0	100	0.00	0.0	10.023	0.000	1	0	1	1
0413106	PL.7323	A	Consumer	14.64Y	122.0	0.00	4.04	0.04	0	0	0	100	0.00	0.0	9.953	0.000	0	0	1	1
0413218	PL.7323	A	Consumer	14.64Y	122.0	0.00	4.04	0.02	0	0	0	100	0.00	0.0	9.953	0.000	0	0	1	1
0413125	PL.7323	A	Consumer	14.64Y	122.0	0.00	4.04	0.07	0	1	0	100	0.00	0.0	9.953	0.000	1	0	1	1
0413165	PL.7323	A	Consumer	14.64Y	122.0	0.00	4.04	0.03	0	0	0	100	0.00	0.0	9.953	0.000	0	0	1	1
0413231	PL.43096	A	Consumer	14.64Y	122.0	0.00	4.02	0.00	0	0	0	100	0.00	0.0	9.754	0.000	0	0	1	1
PL.18131	PL.18228	C	4ACSR	14.97Y	124.7	0.00	1.26	1.09	1	15	6	93	0.00	0.0	9.546	0.009	0	0	0	4
PD.2006	PL.18131	C	fuse6AMP	14.97Y	124.7	0.00	1.26	1.09	19	15	6	93	0.00	0.0	9.546	0.000	0	0	0	4
PL.20353	PD.2006	C	4ACSR	14.97Y	124.7	0.00	1.26	1.09	1	15	6	93	0.00	0.0	9.573	0.027	0	0	0	4
PL.20352	PL.20353	C	4ACSR	14.97Y	124.7	0.00	1.26	1.08	1	15	6	93	0.00	0.0	9.683	0.110	0	0	0	3
040398	PL.20352	C	Consumer	14.97Y	124.7	0.00	1.26	0.08	0	1	0	100	0.00	0.0	9.683	0.000	1	0	1	1
040332	PL.20352	C	Consumer	14.97Y	124.7	0.00	1.26	0.33	0	5	2	93	0.00	0.0	9.683	0.000	5	2	1	1
040356	PL.20352	C	Consumer	14.97Y	124.7	0.00	1.26	0.68	0	9	4	91	0.00	0.0	9.683	0.000	9	4	1	1
040368	PL.20353	C	Consumer	14.97Y	124.7	0.00	1.26	0.01	0	0	0	100	0.00	0.0	9.573	0.000	0	0	1	1
PL.18628	PL.10844	A	336ACSR	14.65Y	122.0	-0.00	3.96	0.00	0	0	0	100	0.00	0.0	9.492	0.020	0	0	0	0
		B		14.98Y	124.9	0.00	1.13	1.04	0	15	6	93					0	0	0	3
		C		14.97Y	124.7	0.00	1.26	0.60	0	8	3	93					0	0	0	2
PL.18629	PL.18628	A	336ACSR	14.65Y	122.0	-0.00	3.96	0.00	0	0	0	100	0.00	0.0	9.508	0.016	0	0	0	0
		B		14.98Y	124.9	0.00	1.13	1.04	0	15	6	93					0	0	0	3
		C		14.97Y	124.7	0.00	1.26	0.60	0	8	3	93					0	0	0	2
PL.20100	PL.18629	B	4ACSR	14.98Y	124.9	0.00	1.13	1.04	1	15	6	93	0.00	0.0	9.512	0.004	0	0	0	3
PD.2012	PL.20100	B	fuse6AMP	14.98Y	124.9	0.00	1.13	1.04	18	15	6	93	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\SUMMER\PROPOSED SUMMER 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.20101, PL.10539, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.6832	PL.19723	C	4ACSR	14.99Y	124.9	0.00	1.05	0.07	0	1	0	100	0.00	0.0	9.099	0.063	0	0	0	1
041202	PL.6832	C	Consumer	14.99Y	124.9	0.00	1.05	0.07	0	1	0	100	0.00	0.0	9.099	0.000	1	0	1	1
PL.3191	PL.19723	C	4ACSR	14.99Y	124.9	0.00	1.05	0.37	0	5	2	93	0.00	0.0	9.093	0.056	0	0	0	1
041206	PL.3191	C	Consumer	14.99Y	124.9	0.00	1.05	0.37	0	5	2	93	0.00	0.0	9.093	0.000	5	2	1	1
0412008	PL.3191	C	Consumer	14.99Y	124.9	0.00	1.05	0.00	0	0	0	100	0.00	0.0	9.093	0.000	0	0	0	0
041205	PL.19723	C	Consumer	14.99Y	124.9	0.00	1.05	0.00	0	0	0	100	0.00	0.0	9.037	0.000	0	0	1	1
0412009	PL.19723	C	Consumer	14.99Y	124.9	0.00	1.05	0.00	0	0	0	100	0.00	0.0	9.037	0.000	0	0	0	0
041201	PL.27823	C	Consumer	14.99Y	125.0	0.00	1.04	0.56	0	8	3	94	0.00	0.0	8.772	0.000	8	3	1	1
041203	PL.27823	C	Consumer	14.99Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	8.772	0.000	0	0	1	1
030913	PL.20029	C	Consumer	15.01Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	7.537	0.000	0	0	1	1
030919	PL.20029	C	Consumer	15.01Y	125.1	0.00	0.88	0.17	0	2	1	89	0.00	0.0	7.537	0.000	2	1	1	1
030909	PL.20029	C	Consumer	15.01Y	125.1	0.00	0.88	0.05	0	1	0	100	0.00	0.0	7.537	0.000	1	0	1	1
030915	PL.10970	C	Consumer	15.02Y	125.1	0.00	0.87	0.01	0	0	0	100	0.00	0.0	7.477	0.000	0	0	1	1
030916	PL.10970	C	Consumer	15.02Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	7.477	0.000	0	0	1	1
030914	PL.10970	C	Consumer	15.02Y	125.1	0.00	0.87	0.03	0	0	0	100	0.00	0.0	7.477	0.000	0	0	1	1
PL.16826	PL.10969	C	4ACSR	15.02Y	125.2	0.00	0.84	0.39	0	6	2	95	0.00	0.0	7.350	0.003	0	0	0	3
PD.1190	PL.16826	C	fuse6AMP	15.02Y	125.2	0.00	0.84	0.39	7	6	2	95	0.00	0.0	7.350	0.000	0	0	0	3
PL.16827	PD.1190	C	4ACSR	15.02Y	125.2	0.00	0.84	0.39	0	6	2	95	0.00	0.0	7.381	0.030	0	0	0	3
030911	PL.16827	C	Consumer	15.02Y	125.2	0.00	0.84	0.00	0	0	0	100	0.00	0.0	7.381	0.000	0	0	0	0
PL.6274	PL.16827	C	4ACSR	15.02Y	125.2	0.00	0.84	0.39	0	6	2	95	0.00	0.0	7.461	0.081	0	0	0	3
PL.6275	PL.6274	C	4ACSR	15.02Y	125.2	0.00	0.84	0.20	0	3	1	95	0.00	0.0	7.481	0.019	0	0	0	1
030908	PL.6275	C	Consumer	15.02Y	125.2	0.00	0.84	0.20	0	3	1	95	0.00	0.0	7.481	0.000	3	1	1	1
030912	PL.6274	C	Consumer	15.02Y	125.2	0.00	0.84	0.03	0	0	0	100	0.00	0.0	7.461	0.000	0	0	1	1
030903	PL.6274	C	Consumer	15.02Y	125.2	0.00	0.84	0.17	0	2	1	89	0.00	0.0	7.461	0.000	2	1	1	1
030918	PL.43748	C	Consumer	15.02Y	125.2	0.00	0.79	0.01	0	0	0	100	0.00	0.0	7.105	0.000	0	0	1	1
030906	PL.43748	C	Consumer	15.02Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	7.105	0.000	0	0	1	1
030905	PL.43748	C	Consumer	15.02Y	125.2	0.00	0.79	0.03	0	0	0	100	0.00	0.0	7.105	0.000	0	0	1	1
PL.46093	PL.46096	A	4ACSR	14.86Y	123.8	0.00	2.20	0.37	0	5	2	93	0.00	0.0	6.384	0.024	0	0	0	10
PD.8717	PL.46093	A	fuse6AMP	14.86Y	123.8	0.00	2.20	0.37	6	5	2	93	0.00	0.0	6.384	0.000	0	0	0	10
PL.46094	PD.8717	A	4ACSR	14.86Y	123.8	0.00	2.20	0.37	0	5	2	93	0.00	0.0	6.399	0.016	0	0	0	10
PL.10963	PL.46094	A	4ACSR	14.86Y	123.8	0.00	2.20	0.29	0	4	2	89	0.00	0.0	6.492	0.093	0	0	0	5
031830	PL.10963	A	Consumer	14.86Y	123.8	0.00	2.20	0.02	0	0	0	100	0.00	0.0	6.492	0.000	0	0	1	1
PL.6281	PL.10963	A	4ACSR	14.86Y	123.8	0.00	2.20	0.27	0	4	1	97	0.00	0.0	6.513	0.021	0	0	0	4
PL.10968	PL.6281	A	4ACSR	14.86Y	123.8	0.00	2.20	0.21	0	3	1	95	0.00	0.0	6.544	0.031	0	0	0	3
031829	PL.10968	A	Consumer	14.86Y	123.8	0.00	2.20	0.08	0	1	0	100	0.00	0.0	6.544	0.000	1	0	1	1
PL.19114	PL.10968	A	4ACSR	14.86Y	123.8	0.00	2.20	0.14	0	2	1	89	0.00	0.0	6.723	0.179	0	0	0	2
PL.19115	PL.19114	A	4ACSR	14.86Y	123.8	0.00	2.20	0.14	0	2	1	89	0.00	0.0	7.080	0.356	0	0	0	2
030920	PL.19115	A	Consumer	14.86Y	123.8	0.00	2.20	0.14	0	2	1	89	0.00	0.0	7.080	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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		
030921	PL.19115	A	Consumer	14.86Y	123.8	0.00	2.20	0.00	0	0	0	100	0.00	0.0	7.080	0.000	0	0	1	1	
031831	PL.6281	A	Consumer	14.86Y	123.8	0.00	2.20	0.06	0	1	0	100	0.00	0.0	6.513	0.000	1	0	1	1	
PL.10964	PL.46094	A	4ACSR	14.86Y	123.8	0.00	2.20	0.08	0	1	0	100	0.00	0.0	6.439	0.039	0	0	0	5	
PL.10965	PL.10964	A	4ACSR	14.86Y	123.8	0.00	2.20	0.01	0	0	0	100	0.00	0.0	6.493	0.055	0	0	0	1	
031901	PL.10965	A	Consumer	14.86Y	123.8	0.00	2.20	0.01	0	0	0	100	0.00	0.0	6.493	0.000	0	0	1	1	
PL.1817	PL.10964	A	4ACSR	14.86Y	123.8	0.00	2.20	0.07	0	1	0	100	0.00	0.0	6.466	0.027	0	0	0	4	
PL.29891	PL.1817	A	4ACSR	14.86Y	123.8	0.00	2.20	0.07	0	1	0	100	0.00	0.0	6.497	0.032	0	0	0	4	
PL.29892	PL.29891	A	4ACSR	14.86Y	123.8	0.00	2.20	0.07	0	1	0	100	0.00	0.0	6.631	0.134	0	0	0	4	
031832	PL.29892	A	Consumer	14.86Y	123.8	0.00	2.20	0.01	0	0	0	100	0.00	0.0	6.631	0.000	0	0	1	1	
PL.10967	PL.29892	A	4ACSR	14.86Y	123.8	-0.00	2.20	0.06	0	1	0	100	0.00	0.0	6.633	0.003	0	0	0	3	
PL.45351	PL.10967	A	4ACSR	14.86Y	123.8	0.00	2.20	0.06	0	1	0	100	0.00	0.0	6.697	0.063	0	0	0	3	
PL.45352	PL.45351	A	4ACSR	14.86Y	123.8	0.00	2.20	0.06	0	1	0	100	0.00	0.0	6.725	0.028	0	0	0	2	
0318035	PL.45352	A	Consumer	14.86Y	123.8	0.00	2.20	0.00	0	0	0	100	0.00	0.0	6.725	0.000	0	0	1	1	
PL.6282	PL.45352	A	4ACSR	14.86Y	123.8	0.00	2.20	0.06	0	1	0	100	0.00	0.0	6.842	0.117	0	0	0	1	
PL.6283	PL.6282	A	4ACSR	14.86Y	123.8	0.00	2.20	0.00	0	0	0	100	0.00	0.0	6.915	0.073	0	0	0	0	
031833	PL.6282	A	Consumer	14.86Y	123.8	0.00	2.20	0.06	0	1	0	100	0.00	0.0	6.842	0.000	1	0	1	1	
0318034	PL.45351	A	Consumer	14.86Y	123.8	0.00	2.20	0.00	0	0	0	100	0.00	0.0	6.697	0.000	0	0	1	1	
031902	PL.10964	A	Consumer	14.86Y	123.8	0.00	2.20	0.00	0	0	0	100	0.00	0.0	6.439	0.000	0	0	0	0	
PL.16829	PL.18368	C	4ACSR	15.03Y	125.3	0.00	0.73	0.05	0	1	0	100	0.00	0.0	3.713	0.006	0	0	0	1	
PD.1183	PL.16829	C	fuse6AMP	15.03Y	125.3	0.00	0.73	0.05	1	1	0	100	0.00	0.0	3.713	0.000	0	0	0	1	
PL.16830	PD.1183	C	4ACSR	15.03Y	125.3	0.00	0.73	0.05	0	1	0	100	0.00	0.0	3.782	0.069	0	0	0	1	
031714	PL.16830	C	Consumer	15.03Y	125.3	0.00	0.73	0.05	0	1	0	100	0.00	0.0	3.782	0.000	1	0	1	1	
PL.1595	PL.24636	A	4ACSR	14.92Y	124.3	0.00	1.65	0.12	0	2	1	89	0.00	0.0	2.352	0.034	0	0	0	1	
032634	PL.1595	A	Consumer	14.92Y	124.3	0.00	1.65	0.12	0	2	1	89	0.00	0.0	2.352	0.000	2	1	1	1	
032624	PL.24636	A	Consumer	14.92Y	124.3	0.00	1.65	0.26	0	4	1	97	0.00	0.0	2.318	0.000	4	1	1	1	
PL.18674	PL.9673	C	4ACSR	15.07Y	125.6	0.00	0.40	3.90	3	55	21	93	0.00	0.0	2.155	0.016	0	0	0	26	
PD.3403	PL.18674	C	25V4E	15.07Y	125.6	0.00	0.40	3.90	16	55	21	93	0.00	0.0	2.155	0.000	0	0	0	26	
PL.18675	PD.3403	C	4ACSR	15.07Y	125.6	0.01	0.41	3.90	3	55	21	93	0.00	0.0	2.234	0.079	0	0	0	26	
PL.9674	PL.18675	C	4ACSR	15.07Y	125.6	0.00	0.41	0.75	1	11	4	94	0.00	0.0	2.320	0.085	0	0	0	3	
PL.1586	PL.9674	C	4ACSR	15.07Y	125.6	0.00	0.41	0.47	0	7	3	92	0.00	0.0	2.394	0.075	0	0	0	2	
032633	PL.1586	C	Consumer	15.07Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	2.394	0.000	0	0	1	1	
032629	PL.1586	C	Consumer	15.07Y	125.6	0.00	0.41	0.47	0	7	3	92	0.00	0.0	2.394	0.000	7	3	1	1	
PL.9675	PL.9674	C	4ACSR	15.07Y	125.6	0.00	0.41	0.28	0	4	2	89	0.00	0.0	2.400	0.081	0	0	0	1	
PL.45430	PL.9675	C	2ACSR	15.07Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	2.463	0.063	0	0	0	0	
0326040	PL.45430	C	Consumer	15.07Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	2.463	0.000	0	0	0	0	
032625	PL.9675	C	Consumer	15.07Y	125.6	0.00	0.41	0.28	0	4	2	89	0.00	0.0	2.400	0.000	4	2	1	1	
PL.9676	PL.18675	C	4ACSR	15.07Y	125.6	0.01	0.42	3.15	3	44	17	93	0.00	0.0	2.396	0.161	0	0	0	23	
PL.1587	PL.9676	C	4ACSR	15.07Y	125.6	0.00	0.42	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\SUMMER\PROPOSED SUMMER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units (Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss), mi (From Src, Length), Element (KW, KVAR), Cons On, Cons Thru. The table lists 40 elements with their respective electrical characteristics and voltage drop data.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	15.07Y	125.5	0.00	0.46	0.20	0	3	1	95	0.00	0.0	3.219	0.000	3	1	1	1
033615	PL.9683	C	Consumer	15.07Y	125.5	0.00	0.45	0.22	0	3	1	95	0.00	0.0	3.121	0.000	3	1	1	1
033606	PL.19924	C	Consumer	15.07Y	125.6	0.00	0.44	0.32	0	5	2	93	0.00	0.0	2.722	0.000	5	2	1	1
PL.24512	PL.22264	C	4ACSR	15.07Y	125.6	0.00	0.44	1.25	1	18	7	93	0.00	0.0	2.670	0.072	0	0	0	8
PL.19617	PL.24512	C	4ACSR	15.07Y	125.6	0.00	0.44	0.99	1	14	5	94	0.00	0.0	2.809	0.139	0	0	0	7
033604	PL.19617	C	Consumer	15.07Y	125.6	0.00	0.44	0.24	0	3	1	95	0.00	0.0	2.809	0.000	3	1	1	1
PL.19618	PL.19617	C	4ACSR	15.07Y	125.6	0.00	0.44	0.75	1	11	4	94	0.00	0.0	2.911	0.102	0	0	0	6
PL.8578	PL.19618	C	4ACSR	15.07Y	125.6	0.00	0.45	0.75	1	11	4	94	0.00	0.0	2.938	0.027	0	0	0	6
PL.27867	PL.8578	C	4ACSR	15.07Y	125.6	0.00	0.45	0.75	1	11	4	94	0.00	0.0	3.197	0.258	0	0	0	6
PL.35139	PL.27867	C	4ACSR	15.07Y	125.5	0.00	0.45	0.22	0	3	1	95	0.00	0.0	3.341	0.145	0	0	0	4
PL.35138	PL.35139	C	2ACSR	15.07Y	125.5	0.00	0.45	0.16	0	2	1	89	0.00	0.0	3.374	0.033	0	0	0	1
0335009	PL.35138	C	Consumer	15.07Y	125.5	0.00	0.45	0.16	0	2	1	89	0.00	0.0	3.374	0.000	2	1	1	1
PL.35140	PL.35139	C	4ACSR	15.07Y	125.5	0.00	0.45	0.06	0	1	0	100	0.00	0.0	3.373	0.031	0	0	0	3
PL.29899	PL.35140	C	4ACSR	15.07Y	125.5	0.00	0.45	0.03	0	0	0	100	0.00	0.0	3.491	0.118	0	0	0	2
PL.29900	PL.29899	C	4ACSR	15.07Y	125.5	0.00	0.45	0.03	0	0	0	100	0.00	0.0	3.710	0.220	0	0	0	1
033504	PL.29900	C	Consumer	15.07Y	125.5	0.00	0.45	0.03	0	0	0	100	0.00	0.0	3.710	0.000	0	0	1	1
0335008	PL.29899	C	Consumer	15.07Y	125.5	0.00	0.45	0.00	0	0	0	100	0.00	0.0	3.491	0.000	0	0	1	1
PL.23865	PL.35140	C	4ACSR	15.07Y	125.5	0.00	0.45	0.00	0	0	0	100	0.00	0.0	3.430	0.057	0	0	0	0
033503	PL.35140	C	Consumer	15.07Y	125.5	0.00	0.45	0.03	0	0	0	100	0.00	0.0	3.373	0.000	0	0	1	1
033507	PL.27867	C	Consumer	15.07Y	125.6	0.00	0.45	0.20	0	3	1	95	0.00	0.0	3.197	0.000	3	1	1	1
033506	PL.27867	C	Consumer	15.07Y	125.6	0.00	0.45	0.34	0	5	2	93	0.00	0.0	3.197	0.000	5	2	1	1
033601	PL.24512	C	Consumer	15.07Y	125.6	0.00	0.44	0.26	0	4	1	97	0.00	0.0	2.670	0.000	4	1	1	1
PL.16836	PL.28019	A	4ACSR	14.95Y	124.5	0.00	1.45	0.33	0	5	2	93	0.00	0.0	2.054	0.004	0	0	0	2
PD.1187	PL.16836	A	fuse6AMP	14.95Y	124.5	0.00	1.45	0.33	6	5	2	93	0.00	0.0	2.054	0.000	0	0	0	2
PL.16837	PD.1187	A	4ACSR	14.95Y	124.5	0.00	1.45	0.33	0	5	2	93	0.00	0.0	2.145	0.091	0	0	0	2
032617	PL.16837	A	Consumer	14.95Y	124.5	0.00	1.45	0.33	0	5	2	93	0.00	0.0	2.145	0.000	5	2	1	1
032631	PL.16837	A	Consumer	14.95Y	124.5	0.00	1.45	0.00	0	0	0	100	0.00	0.0	2.145	0.000	0	0	1	1
032618	PL.19287	B	Consumer	15.10Y	125.9	0.00	0.15	0.04	0	1	0	100	0.00	0.0	1.953	0.000	1	0	1	1
PL.16838	PL.9672	A	4ACSR	14.96Y	124.6	0.00	1.36	0.52	0	7	3	92	0.00	0.0	1.830	0.007	0	0	0	3
PD.1188	PL.16838	A	fuse6AMP	14.96Y	124.6	0.00	1.36	0.52	9	7	3	92	0.00	0.0	1.830	0.000	0	0	0	3
PL.16839	PD.1188	A	4ACSR	14.96Y	124.6	0.00	1.36	0.52	0	7	3	92	0.00	0.0	1.914	0.084	0	0	0	3
PL.24635	PL.16839	A	4ACSR	14.96Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	2.278	0.364	0	0	0	0
032601	PL.24635	A	Consumer	14.96Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	2.278	0.000	0	0	0	0
032620	PL.16839	A	Consumer	14.96Y	124.6	0.00	1.36	0.14	0	2	1	89	0.00	0.0	1.914	0.000	2	1	1	1
032602	PL.16839	A	Consumer	14.96Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	1.914	0.000	0	0	1	1
032614	PL.16839	A	Consumer	14.96Y	124.6	0.00	1.36	0.37	0	5	2	93	0.00	0.0	1.914	0.000	5	2	1	1
PL.18048	PL.9671	A	4ACSR	14.98Y	124.8	0.00	1.21	0.48	0	7	3	92	0.00	0.0	1.488	0.006	0	0	0	1
PD.1201	PL.18048	A	fuse6AMP	14.98Y	124.8	0.00	1.21	0.48	8	7	3	92	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\SUMMER\PROPOSED SUMMER 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.18049, 032535, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 On	Cons Thru
032457	PL.27340	A	Consumer	15.06Y	125.5	0.00	0.53	0.01	0	0	0	100	0.00	0.0	0.020	0.000	0	0	1	1
032487	PL.27340	A	Consumer	15.06Y	125.5	0.00	0.53	0.24	0	3	1	95	0.00	0.0	0.020	0.000	3	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	7506	0	0	0	0	0	188		0.00	7694
KVAR	2968	0	-652	-57	0	0	223			2483

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 119.65 volts on ST.27	6.35 volts on ST.27	2.48 volts on ST.27
B-Phase -> 121.74 volts on PL.40908	4.26 volts on PL.40908	0.50 volts on PL.20745
C-Phase -> 121.84 volts on PL.22734	4.16 volts on PL.22734	0.28 volts on PL.42187

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 HARDWICH'S C..., OH22, OCD41, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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						
074464	PL.46029	B	Consumer	7.52Y	125.3	0.00	0.67	0.45	0	3	1	95	0.00	0.0	1.363	0.000	3	1	1	1
PL.24447	PL.46029	B	4ACSR	7.52Y	125.3	0.01	0.68	1.15	1	8	3	94	0.00	0.0	1.480	0.118	0	0	0	2
073420	PL.24447	B	Consumer	7.52Y	125.3	0.00	0.68	0.71	0	5	2	93	0.00	0.0	1.480	0.000	5	2	1	1
073455	PL.24447	B	Consumer	7.52Y	125.3	0.00	0.68	0.44	0	3	1	95	0.00	0.0	1.480	0.000	3	1	1	1
PL.12775	PL.46029	A	336ACSR	7.53Y	125.5	0.05	0.49	45.97	10	322	127	93	0.29	0.0	1.506	0.143	0	0	0	73
		B		7.52Y	125.3	0.06	0.74	49.57	11	347	137	93			0		0	0	0	83
		C		7.52Y	125.3	0.07	0.65	53.08	12	369	153	92			0		0	0	0	75
074446	PL.12775	B	Consumer	7.52Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	1.506	0.000	0	0	0	0
074428	PL.12775	B	Consumer	7.52Y	125.3	0.00	0.74	1.11	0	8	3	94	0.00	0.0	1.506	0.000	8	3	1	1
PL.12776	PL.12775	A	4ACSR	7.52Y	125.3	0.18	0.67	45.97	39	322	127	93	0.43	0.1	1.591	0.084	0	0	0	73
PL.25289	PL.12776	A	4ACSR	7.51Y	125.2	0.11	0.78	44.71	38	313	123	93	0.26	0.1	1.646	0.055	0	0	0	72
PL.25290	PL.25289	A	4ACSR	7.50Y	124.9	0.29	1.07	44.71	38	313	123	93	0.67	0.2	1.787	0.141	0	0	0	72
PL.34896	PL.25290	A	4ACSR	7.50Y	124.9	0.00	1.07	5.21	4	36	14	93	0.00	0.0	1.792	0.006	0	0	0	6
C PD.4998	PL.34896	A	fuse6AMP	7.50Y	124.9	0.00	1.07	5.21	89	36	14	93	0.00	0.0	1.792	0.000	0	0	0	6 C
PL.34895	PD.4998	A	4ACSR	7.49Y	124.9	0.03	1.10	5.21	4	36	14	93	0.01	0.0	1.903	0.110	0	0	0	6
074415	PL.34895	A	Consumer	7.49Y	124.9	0.00	1.10	1.74	0	12	5	92	0.00	0.0	1.903	0.000	12	5	1	1
074450	PL.34895	A	Consumer	7.49Y	124.9	0.00	1.10	0.88	0	6	2	95	0.00	0.0	1.903	0.000	6	2	1	1
PL.19249	PL.34895	A	4ACSR	7.49Y	124.9	0.01	1.11	2.59	2	18	7	93	0.00	0.0	1.997	0.094	0	0	0	4
PL.27839	PL.19249	A	4ACSR	7.49Y	124.9	0.01	1.12	2.59	2	18	7	93	0.00	0.0	2.086	0.089	0	0	0	4
PL.20887	PL.27839	A	4ACSR	7.49Y	124.9	0.00	1.12	1.59	1	11	4	94	0.00	0.0	2.132	0.046	0	0	0	3
PL.20836	PL.20887	A	4ACSR	7.49Y	124.9	0.02	1.14	1.59	1	11	4	94	0.00	0.0	2.342	0.210	0	0	0	3
PD.511-A	PL.20836	A	Closed	7.49Y	124.9	0.00	1.14	1.59	0	11	4	94	0.00	0.0	2.342	0.000	0	0	0	3
PD.511-B	PD.511-A	A	Closed	7.49Y	124.9	0.00	1.14	1.59	0	11	4	94	0.00	0.0	2.342	0.000	0	0	0	3
PL.15063	PD.511-B	A	4ACSR	7.49Y	124.9	0.00	1.14	1.59	1	11	4	94	0.00	0.0	2.347	0.005	0	0	0	3
PL.12773	PL.15063	A	4ACSR	7.49Y	124.9	0.00	1.14	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	124.9	0.00	1.14	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	124.9	0.00	1.14	0.41	0	3	1	95	0.00	0.0	2.347	0.000	3	1	1	1
PL.15064	PL.15063	A	4ACSR	7.49Y	124.9	0.00	1.14	1.19	1	8	3	94	0.00	0.0	2.353	0.005	0	0	0	2
PD.2114	PL.15064	A	fuse6AMP	7.49Y	124.9	0.00	1.14	1.19	20	8	3	94	0.00	0.0	2.353	0.000	0	0	0	2
PL.15065	PD.2114	A	4ACSR	7.49Y	124.9	0.00	1.14	1.19	1	8	3	94	0.00	0.0	2.441	0.088	0	0	0	2
074410	PL.15065	A	Consumer	7.49Y	124.9	0.00	1.14	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	124.9	0.00	1.14	0.66	0	5	2	93	0.00	0.0	2.441	0.000	5	2	1	1
074459	PL.27839	A	Consumer	7.49Y	124.9	0.00	1.12	1.00	0	7	3	92	0.00	0.0	2.086	0.000	7	3	1	1
PL.34899	PL.25290	A	4ACSR	7.50Y	124.9	0.00	1.07	7.70	6	54	21	93	0.00	0.0	1.795	0.008	0	0	0	13
C PD.5000	PL.34899	A	fuse6AMP	7.50Y	124.9	0.00	1.07	7.70	132	54	21	93	0.00	0.0	1.795	0.000	0	0	0	13 C
PL.34900	PD.5000	A	4ACSR	7.50Y	124.9	0.00	1.08	7.70	6	54	21	93	0.00	0.0	1.804	0.009	0	0	0	13
074447	PL.34900	A	Consumer	7.50Y	124.9	0.00	1.08	0.14	0	1	0	100	0.00	0.0	1.804	0.000	1	0	1	1
074457	PL.34900	A	Consumer	7.50Y	124.9	0.00	1.08	0.14	0	1	0	100	0.00	0.0	1.804	0.000	1	0	1	1
074458	PL.34900	A	Consumer	7.50Y	124.9	0.00	1.08	0.83	0	6	2	95	0.00	0.0	1.804	0.000	6	2	1	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Detail

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

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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	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
074433	PL.34900	A	Consumer	7.50Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.804	0.000	0	0	0	0
PL.12777	PL.34900	A	4ACSR	7.49Y	124.9	0.04	1.12	6.59	6	46	18	93	0.01	0.0	1.941	0.137	0	0	0	10
PL.12778	PL.12777	A	4ACSR	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	2.079	0.138	0	0	0	0
PL.24441	PL.12777	A	4ACSR	7.49Y	124.9	0.02	1.14	6.59	6	46	18	93	0.01	0.0	2.006	0.065	0	0	0	10
PL.24443	PL.24441	A	4ACSR	7.49Y	124.9	0.00	1.14	1.55	1	11	4	94	0.00	0.0	2.050	0.044	0	0	0	2
PL.24444	PL.24443	A	4ACSR	7.49Y	124.9	0.00	1.14	0.60	1	4	2	89	0.00	0.0	2.102	0.052	0	0	0	1
074436	PL.24444	A	Consumer	7.49Y	124.9	0.00	1.14	0.60	0	4	2	89	0.00	0.0	2.102	0.000	4	2	1	1
074424	PL.24443	A	Consumer	7.49Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	2.050	0.000	0	0	0	0
074434	PL.24443	A	Consumer	7.49Y	124.9	0.00	1.14	0.95	0	7	3	92	0.00	0.0	2.050	0.000	7	3	1	1
PL.34901	PL.24441	A	4ACSR	7.49Y	124.8	0.02	1.16	5.05	4	35	14	93	0.01	0.0	2.093	0.087	0	0	0	8
PD.5001-A	PL.34901	A	Closed	7.49Y	124.8	0.00	1.16	5.05	0	35	14	93	0.00	0.0	2.093	0.000	0	0	0	8
PD.5001-B	PD.5001-A	A	Closed	7.49Y	124.8	0.00	1.16	5.05	0	35	14	93	0.00	0.0	2.093	0.000	0	0	0	8
PL.34902	PD.5001-B	A	4ACSR	7.49Y	124.8	0.00	1.16	5.05	4	35	14	93	0.00	0.0	2.110	0.016	0	0	0	8
PL.8194	PL.34902	A	4ACSR	7.49Y	124.8	0.00	1.16	2.87	2	20	8	93	0.00	0.0	2.110	0.000	0	0	0	5
PL.24442	PL.8194	A	4ACSR	7.49Y	124.8	0.01	1.17	2.87	2	20	8	93	0.00	0.0	2.199	0.089	0	0	0	5
PL.24440	PL.24442	A	4ACSR	7.49Y	124.8	0.00	1.17	0.53	0	4	1	97	0.00	0.0	2.247	0.048	0	0	0	2
074417	PL.24440	A	Consumer	7.49Y	124.8	0.00	1.17	0.03	0	0	0	100	0.00	0.0	2.247	0.000	0	0	1	1
074466	PL.24440	A	Consumer	7.49Y	124.8	0.00	1.17	0.00	0	0	0	100	0.00	0.0	2.247	0.000	0	0	0	0
PL.24468	PL.24440	A	4ACSR	7.49Y	124.8	0.00	1.17	0.49	0	3	1	95	0.00	0.0	2.296	0.048	0	0	0	1
074467	PL.24468	A	Consumer	7.49Y	124.8	0.00	1.17	0.49	0	3	1	95	0.00	0.0	2.296	0.000	3	1	1	1
PL.24436	PL.24442	A	4ACSR	7.49Y	124.8	0.01	1.18	1.32	1	9	4	91	0.00	0.0	2.306	0.107	0	0	0	2
074451	PL.24436	A	Consumer	7.49Y	124.8	0.00	1.18	0.82	0	6	2	95	0.00	0.0	2.306	0.000	6	2	1	1
074452	PL.24436	A	Consumer	7.49Y	124.8	0.00	1.18	0.50	0	3	1	95	0.00	0.0	2.306	0.000	3	1	1	1
074405	PL.24436	A	Consumer	7.49Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	2.306	0.000	0	0	0	0
PL.8217	PL.24442	A	4ACSR	7.49Y	124.8	0.00	1.18	1.03	1	7	3	92	0.00	0.0	2.269	0.070	0	0	0	1
PL.8218	PL.8217	A	4ACSR	7.49Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	2.270	0.000	0	0	0	0
074463	PL.8217	A	Consumer	7.49Y	124.8	0.00	1.18	1.03	0	7	3	92	0.00	0.0	2.269	0.000	7	3	1	1
074431	PL.34902	A	Consumer	7.49Y	124.8	0.00	1.16	1.14	0	8	3	94	0.00	0.0	2.110	0.000	8	3	1	1
074409	PL.34902	A	Consumer	7.49Y	124.8	0.00	1.16	0.00	0	0	0	100	0.00	0.0	2.110	0.000	0	0	0	0
074468	PL.34902	A	Consumer	7.49Y	124.8	0.00	1.16	0.64	0	4	2	89	0.00	0.0	2.110	0.000	4	2	1	1
074425	PL.34902	A	Consumer	7.49Y	124.8	0.00	1.16	0.39	0	3	1	95	0.00	0.0	2.110	0.000	3	1	1	1
PL.34897	PL.25290	A	4ACSR	7.49Y	124.9	0.02	1.09	31.79	27	222	87	93	0.04	0.0	1.802	0.016	0	0	0	53
C PD.4999	PL.34897	A	fuse6AMP	7.49Y	124.9	0.00	1.09	31.79	543	222	87	93	0.00	0.0	1.802	0.000	0	0	0	53 C
PL.34898	PD.4999	A	4ACSR	7.49Y	124.9	0.04	1.13	31.79	27	222	87	93	0.06	0.0	1.829	0.027	0	0	0	53
PL.8216	PL.34898	A	4ACSR	7.49Y	124.8	0.10	1.23	31.42	26	219	86	93	0.16	0.1	1.897	0.068	0	0	0	52
074420	PL.8216	A	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	1.897	0.000	0	0	1	1
074437	PL.8216	A	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	1.897	0.000	0	0	0	0
074403	PL.8216	A	Consumer	7.49Y	124.8	0.00	1.23	0.35	0	2	1	89	0.00	0.0	1.897	0.000	2	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

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Detail

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

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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	Length (mi)	-----Element-----					
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF			kW Loss	% Loss	KW	KVAR	Cons On	Cons Thru
074453	PL.8216	A	Consumer	7.49Y	124.8	0.00	1.23	0.46	0	3	1	95	0.00	0.0	1.897	0.000	3	1	1	1
PL.19044	PL.8216	A	4ACSR	7.48Y	124.7	0.05	1.28	29.50	25	205	81	93	0.08	0.0	1.938	0.040	0	0	0	47
PL.19045	PL.19044	A	4ACSR	7.48Y	124.6	0.11	1.40	28.89	24	201	79	93	0.17	0.1	2.022	0.084	0	0	0	46
074407	PL.19045	A	Consumer	7.48Y	124.6	0.00	1.40	1.11	0	8	3	94	0.00	0.0	2.022	0.000	8	3	1	1
074430	PL.19045	A	Consumer	7.48Y	124.6	0.00	1.40	0.39	0	3	1	95	0.00	0.0	2.022	0.000	3	1	1	1
074418	PL.19045	A	Consumer	7.48Y	124.6	0.00	1.40	0.26	0	2	1	89	0.00	0.0	2.022	0.000	2	1	1	1
PL.12779	PL.19045	A	4ACSR	7.47Y	124.5	0.08	1.48	27.12	23	189	74	93	0.11	0.1	2.086	0.064	0	0	0	43
PL.12780	PL.12779	A	4ACSR	7.46Y	124.4	0.17	1.65	23.89	20	166	65	93	0.22	0.1	2.244	0.158	0	0	0	39
OH52	PL.12780	A	4ACSR	7.45Y	124.1	0.24	1.89	23.89	20	166	65	93	0.29	0.2	2.460	0.215	0	0	0	39
PL.32827	OH52	A	4ACSR	7.44Y	124.1	0.05	1.93	23.59	20	164	64	93	0.06	0.0	2.502	0.043	0	0	0	38
PL.32826	PL.32827	A	4ACSR	7.44Y	123.9	0.14	2.07	23.38	20	162	64	93	0.17	0.1	2.635	0.133	0	0	0	37
PL.12803	PL.32826	A	4ACSR	7.43Y	123.9	0.04	2.11	22.93	19	159	62	93	0.05	0.0	2.672	0.037	0	0	0	36
PL.12802	PL.12803	A	4ACSR	7.43Y	123.8	0.08	2.19	22.93	19	159	62	93	0.10	0.1	2.749	0.077	0	0	0	35
PL.12801	PL.12802	A	4ACSR	7.42Y	123.7	0.07	2.26	22.03	19	152	60	93	0.08	0.1	2.815	0.067	0	0	0	34
PL.12800	PL.12801	A	4ACSR	7.42Y	123.6	0.10	2.36	21.08	18	146	57	93	0.11	0.1	2.919	0.104	0	0	0	33
PL.8213	PL.12800	A	4ACSR	7.42Y	123.6	0.05	2.41	20.07	17	139	54	93	0.05	0.0	2.969	0.050	0	0	0	32
PL.34927	PL.8213	A	4ACSR	7.41Y	123.6	0.03	2.44	19.18	16	132	52	93	0.03	0.0	3.004	0.035	0	0	0	31
PD.5012-B	PL.34927	A	Closed	7.41Y	123.6	0.00	2.44	19.18	0	132	52	93	0.00	0.0	3.004	0.000	0	0	0	31
PD.5012-A	PD.5012-B	A	Closed	7.41Y	123.6	0.00	2.44	19.18	0	132	52	93	0.00	0.0	3.004	0.000	0	0	0	31
PL.34926	PD.5012-A	A	4ACSR	7.41Y	123.5	0.05	2.49	19.18	16	132	52	93	0.05	0.0	3.059	0.055	0	0	0	31
PL.8208	PL.34926	A	4ACSR	7.40Y	123.4	0.10	2.59	18.63	16	129	50	93	0.10	0.1	3.179	0.120	0	0	0	30
PL.8267	PL.8208	A	4ACSR	7.40Y	123.4	0.04	2.63	18.63	16	128	50	93	0.04	0.0	3.227	0.048	0	0	0	30
PL.8268	PL.8267	A	4ACSR	7.40Y	123.3	0.04	2.67	17.73	15	122	48	93	0.04	0.0	3.281	0.054	0	0	0	29
PL.12799	PL.8268	A	4ACSR	7.40Y	123.3	0.04	2.71	17.09	14	118	46	93	0.04	0.0	3.334	0.053	0	0	0	28
PL.20503	PL.12799	A	4ACSR	7.40Y	123.3	0.01	2.73	14.50	12	100	39	93	0.01	0.0	3.356	0.022	0	0	0	25
PL.20502	PL.20503	A	4ACSR	7.39Y	123.2	0.02	2.75	12.64	11	87	34	93	0.02	0.0	3.398	0.042	0	0	0	23
PL.12798	PL.20502	A	4ACSR	7.39Y	123.2	0.00	2.76	12.38	10	85	33	93	0.00	0.0	3.402	0.004	0	0	0	22
PL.15084	PL.12798	A	4ACSR	7.39Y	123.2	0.07	2.83	12.38	10	85	33	93	0.04	0.1	3.525	0.123	0	0	0	22
PD.14-B	PL.15084	A	Closed	7.39Y	123.2	0.00	2.83	12.38	0	85	33	93	0.00	0.0	3.525	0.000	0	0	0	22
PD.14-A	PD.14-B	A	Closed	7.39Y	123.2	0.00	2.83	12.38	0	85	33	93	0.00	0.0	3.525	0.000	0	0	0	22
PL.15083	PD.14-A	A	4ACSR	7.39Y	123.2	0.00	2.83	12.38	10	85	33	93	0.00	0.0	3.530	0.005	0	0	0	22
PL.15082	PL.15083	A	4ACSR	7.39Y	123.1	0.08	2.91	12.38	10	85	33	93	0.05	0.1	3.668	0.138	0	0	0	22
PL.26242	PL.15082	A	4ACSR	7.38Y	123.0	0.04	2.95	12.38	10	85	33	93	0.03	0.0	3.743	0.075	0	0	0	22
PL.26241	PL.26242	A	4ACSR	7.38Y	123.0	0.05	3.00	10.91	9	75	29	93	0.03	0.0	3.843	0.100	0	0	0	17
PL.8251	PL.26241	A	4ACSR	7.38Y	123.0	0.01	3.01	10.50	9	72	28	93	0.00	0.0	3.858	0.014	0	0	0	16
PL.26240	PL.8251	A	4ACSR	7.38Y	122.9	0.07	3.08	10.50	9	72	28	93	0.04	0.1	4.007	0.149	0	0	0	16
PL.26239	PL.26240	A	4ACSR	7.37Y	122.9	0.05	3.13	9.76	8	67	26	93	0.03	0.0	4.129	0.123	0	0	0	15
PL.26238	PL.26239	A	4ACSR	7.37Y	122.8	0.02	3.16	9.19	8	63	25	93	0.01	0.0	4.182	0.053	0	0	0	14

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\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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
075409	PL.34921	A	Consumer	7.38Y	122.9	0.00	3.08	0.74	0	5	2	93	0.00	0.0	4.040	0.000	5	2	1	1
075301	PL.26241	A	Consumer	7.38Y	123.0	0.00	3.00	0.41	0	3	1	95	0.00	0.0	3.843	0.000	3	1	1	1
075302	PL.26242	A	Consumer	7.38Y	123.0	0.00	2.95	0.88	0	6	2	95	0.00	0.0	3.743	0.000	6	2	1	1
PL.34922	PL.26242	A	4ACSR	7.38Y	123.0	0.00	2.95	0.59	0	4	2	89	0.00	0.0	3.759	0.016	0	0	0	4
PD.5010	PL.34922	A	fuse6AMP	7.38Y	123.0	0.00	2.95	0.59	10	4	2	89	0.00	0.0	3.759	0.000	0	0	0	4
PL.34923	PD.5010	A	4ACSR	7.38Y	123.0	0.00	2.95	0.59	0	4	2	89	0.00	0.0	3.800	0.041	0	0	0	4
075306	PL.34923	A	Consumer	7.38Y	123.0	0.00	2.95	0.59	0	4	2	89	0.00	0.0	3.800	0.000	4	2	1	1
PL.8253	PL.34923	A	4ACSR	7.38Y	123.0	-0.00	2.95	0.00	0	0	0	100	0.00	0.0	3.826	0.026	0	0	0	3
PL.4719	PL.8253	A	4ACSR	7.38Y	123.0	-0.00	2.95	0.00	0	0	0	100	0.00	0.0	3.890	0.064	0	0	0	3
075305	PL.4719	A	Consumer	7.38Y	123.0	0.00	2.95	0.00	0	0	0	100	0.00	0.0	3.890	0.000	0	0	1	1
PL.4720	PL.4719	A	4ACSR	7.38Y	123.0	-0.00	2.95	0.00	0	0	0	100	0.00	0.0	3.924	0.034	0	0	0	2
PL.30362	PL.4720	A	4ACSR	7.38Y	123.0	-0.00	2.95	0.00	0	0	0	100	0.00	0.0	3.990	0.065	0	0	0	1
0753009	PL.30362	A	Consumer	7.38Y	123.0	0.00	2.95	0.00	0	0	0	100	0.00	0.0	3.990	0.000	0	0	1	1
PL.4718	PL.4720	A	4ACSR	7.38Y	123.0	0.00	2.95	0.00	0	0	0	100	0.00	0.0	4.005	0.081	0	0	0	1
075308	PL.4718	A	Consumer	7.38Y	123.0	0.00	2.95	0.00	0	0	0	100	0.00	0.0	4.005	0.000	0	0	1	1
PL.34924	PL.20502	A	4ACSR	7.39Y	123.2	0.00	2.75	0.26	0	2	1	89	0.00	0.0	3.402	0.004	0	0	0	1
PL.34925	PL.34924	A	4ACSR	7.39Y	123.2	0.00	2.75	0.26	0	2	1	89	0.00	0.0	3.444	0.042	0	0	0	1
075408	PL.34925	A	Consumer	7.39Y	123.2	0.00	2.75	0.26	0	2	1	89	0.00	0.0	3.444	0.000	2	1	1	1
075462	PL.20503	A	Consumer	7.40Y	123.3	0.00	2.73	0.52	0	4	1	97	0.00	0.0	3.356	0.000	4	1	1	1
075417	PL.20503	A	Consumer	7.40Y	123.3	0.00	2.73	1.34	0	9	4	91	0.00	0.0	3.356	0.000	9	4	1	1
075418	PL.12799	A	Consumer	7.40Y	123.3	0.00	2.71	0.01	0	0	0	100	0.00	0.0	3.334	0.000	0	0	1	1
075446	PL.12799	A	Consumer	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	3.334	0.000	0	0	0	0
075463	PL.12799	A	Consumer	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	3.334	0.000	0	0	0	0
075461	PL.12799	A	Consumer	7.40Y	123.3	0.00	2.71	1.34	0	9	4	91	0.00	0.0	3.334	0.000	9	4	1	1
PL.34910	PL.12799	A	4ACSR	7.40Y	123.3	0.00	2.72	1.23	1	8	3	94	0.00	0.0	3.347	0.013	0	0	0	1
PD.5004	PL.34910	A	fuse6AMP	7.40Y	123.3	0.00	2.72	1.23	21	8	3	94	0.00	0.0	3.347	0.000	0	0	0	1
PL.34911	PD.5004	A	4ACSR	7.40Y	123.3	0.00	2.72	1.23	1	8	3	94	0.00	0.0	3.371	0.025	0	0	0	1
075466	PL.34911	A	Consumer	7.40Y	123.3	0.00	2.72	1.23	0	8	3	94	0.00	0.0	3.371	0.000	8	3	1	1
075422	PL.8268	A	Consumer	7.40Y	123.3	0.00	2.67	0.65	0	4	2	89	0.00	0.0	3.281	0.000	4	2	1	1
075412	PL.8267	A	Consumer	7.40Y	123.4	0.00	2.63	0.89	0	6	2	95	0.00	0.0	3.227	0.000	6	2	1	1
074454	PL.34926	A	Consumer	7.41Y	123.5	0.00	2.49	0.55	0	4	1	97	0.00	0.0	3.059	0.000	4	1	1	1
074460	PL.8213	A	Consumer	7.42Y	123.6	0.00	2.41	0.89	0	6	2	95	0.00	0.0	2.969	0.000	6	2	1	1
074448	PL.12800	A	Consumer	7.42Y	123.6	0.00	2.36	1.01	0	7	3	92	0.00	0.0	2.919	0.000	7	3	1	1
PL.34885	PL.12801	A	4ACSR	7.42Y	123.7	0.00	2.26	0.95	1	7	3	92	0.00	0.0	2.824	0.009	0	0	0	1
PD.4993	PL.34885	A	fuse6AMP	7.42Y	123.7	0.00	2.26	0.95	16	7	3	92	0.00	0.0	2.824	0.000	0	0	0	1
PL.34886	PD.4993	A	4ACSR	7.42Y	123.7	0.00	2.26	0.95	1	7	3	92	0.00	0.0	2.884	0.060	0	0	0	1
PL.5010	PL.34886	A	4ACSR	7.42Y	123.7	0.00	2.27	0.95	1	7	3	92	0.00	0.0	2.931	0.047	0	0	0	1
075453	PL.5010	A	Consumer	7.42Y	123.7	0.00	2.27	0.95	0	7	3	92	0.00	0.0	2.931	0.000	7	3	1	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 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\SUMMER\PROPOSED SUMMER 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 through PL.26081.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 073471, PL.34883, PD.4992, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 various element types like 336ACSR, 4ACSR, Consumer, and Open.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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	7.43Y	123.8	0.00	2.20	0.08	0	1	0	100	0.00	0.0	4.016	0.000	1	0	1	1
072430	PL.25286	C	Consumer	7.43Y	123.8	0.00	2.20	0.74	0	5	2	93	0.00	0.0	4.016	0.000	5	2	1	1
072497	PL.25286	C	Consumer	7.43Y	123.8	0.00	2.20	0.46	0	3	1	95	0.00	0.0	4.016	0.000	3	1	1	1
0724128	PL.25286	C	Consumer	7.43Y	123.8	0.00	2.20	0.00	0	0	0	100	0.00	0.0	4.016	0.000	0	0	0	0
0724104	PL.15626	C	Consumer	7.44Y	124.1	0.00	1.92	0.72	0	5	2	93	0.00	0.0	3.835	0.000	5	2	1	1
072449	PL.15626	C	Consumer	7.44Y	124.1	0.00	1.92	0.59	0	4	2	89	0.00	0.0	3.835	0.000	4	2	1	1
072403	PL.15626	C	Consumer	7.44Y	124.1	0.00	1.92	0.52	0	4	1	97	0.00	0.0	3.835	0.000	4	1	1	1
0724105	PL.15624	B	Consumer	7.44Y	124.0	0.00	2.03	0.31	0	2	1	89	0.00	0.0	3.669	0.000	2	1	1	1
072446	PL.15624	B	Consumer	7.44Y	124.0	0.00	2.03	0.20	0	1	1	71	0.00	0.0	3.669	0.000	1	1	1	1
072453	PL.15624	B	Consumer	7.44Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	3.669	0.000	0	0	0	0
0724153	PL.15624	B	Consumer	7.44Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	3.669	0.000	0	0	0	0
072471	PL.15624	B	Consumer	7.44Y	124.0	0.00	2.03	0.98	0	7	3	92	0.00	0.0	3.669	0.000	7	3	1	1
072437	PL.20077	B	Consumer	7.44Y	124.0	0.00	2.02	0.59	0	4	2	89	0.00	0.0	3.610	0.000	4	2	1	1
072415	PL.20077	B	Consumer	7.44Y	124.0	0.00	2.02	0.52	0	4	1	97	0.00	0.0	3.610	0.000	4	1	1	1
072429	PL.25832	B	Consumer	7.44Y	124.0	0.00	2.01	0.44	0	3	1	95	0.00	0.0	3.564	0.000	3	1	1	1
072473	PL.25832	B	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	3.564	0.000	0	0	0	0
072448	PL.26234	B	Consumer	7.44Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	3.539	0.000	0	0	1	1
072445	PL.26234	B	Consumer	7.44Y	124.0	0.00	2.00	1.33	0	9	4	91	0.00	0.0	3.539	0.000	9	4	1	1
072425	PL.26234	B	Consumer	7.44Y	124.0	0.00	2.00	0.77	0	5	2	93	0.00	0.0	3.539	0.000	5	2	1	1
072426	PL.26234	B	Consumer	7.44Y	124.0	0.00	2.00	0.98	0	7	3	92	0.00	0.0	3.539	0.000	7	3	1	1
072454	PL.26234	B	Consumer	7.44Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	3.539	0.000	0	0	0	0
PL.26235	PL.34855	B	4ACSR	7.44Y	124.0	0.02	2.01	8.63	7	60	23	93	0.01	0.0	3.557	0.053	0	0	0	15
PL.8169	PL.26235	B	4ACSR	7.44Y	124.0	0.01	2.02	4.06	3	28	11	93	0.00	0.0	3.596	0.040	0	0	0	8
PL.7599	PL.8169	B	4ACSR	7.44Y	124.0	0.00	2.02	2.71	2	19	7	94	0.00	0.0	3.623	0.027	0	0	0	5
0724108	PL.7599	B	Consumer	7.44Y	124.0	0.00	2.02	1.21	0	8	3	94	0.00	0.0	3.623	0.000	8	3	1	1
PL.34853	PL.7599	B	4ACSR	7.44Y	124.0	0.00	2.02	0.64	1	4	2	89	0.00	0.0	3.636	0.013	0	0	0	1
PD.4980	PL.34853	B	fuse6AMP	7.44Y	124.0	0.00	2.02	0.64	11	4	2	89	0.00	0.0	3.636	0.000	0	0	0	1
PL.34854	PD.4980	B	4ACSR	7.44Y	124.0	0.00	2.02	0.64	1	4	2	89	0.00	0.0	3.669	0.034	0	0	0	1
0724143	PL.34854	B	Consumer	7.44Y	124.0	0.00	2.02	0.64	0	4	2	89	0.00	0.0	3.669	0.000	4	2	1	1
PL.7600	PL.7599	B	4ACSR	7.44Y	124.0	0.00	2.02	0.86	1	6	2	95	0.00	0.0	3.676	0.052	0	0	0	3
072499	PL.7600	B	Consumer	7.44Y	124.0	0.00	2.02	0.27	0	2	1	89	0.00	0.0	3.676	0.000	2	1	1	1
0724134	PL.7600	B	Consumer	7.44Y	124.0	0.00	2.02	0.53	0	4	1	97	0.00	0.0	3.676	0.000	4	1	1	1
0724155	PL.7600	B	Consumer	7.44Y	124.0	0.00	2.02	0.06	0	0	0	100	0.00	0.0	3.676	0.000	0	0	1	1
072495	PL.8169	B	Consumer	7.44Y	124.0	0.00	2.02	0.41	0	3	1	95	0.00	0.0	3.596	0.000	3	1	1	1
0724101	PL.8169	B	Consumer	7.44Y	124.0	0.00	2.02	0.62	0	4	2	89	0.00	0.0	3.596	0.000	4	2	1	1
072493	PL.8169	B	Consumer	7.44Y	124.0	0.00	2.02	0.32	0	2	1	89	0.00	0.0	3.596	0.000	2	1	1	1
072441	PL.26235	B	Consumer	7.44Y	124.0	0.00	2.01	0.75	0	5	2	93	0.00	0.0	3.557	0.000	5	2	1	1
PL.34851	PL.26235	B	4ACSR	7.44Y	124.0	0.00	2.01	3.82	3	26	10	93	0.00	0.0	3.564	0.007	0	0	0	6

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Detail

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

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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						
PD.4979	PL.34851	B	fuse6AMP	7.44Y	124.0	0.00	2.01	3.82	65	26	10	93	0.00	0.0	3.564	0.000	0	0	0	6
PL.34852	PD.4979	B	4ACSR	7.44Y	124.0	0.00	2.01	3.82	3	26	10	93	0.00	0.0	3.572	0.008	0	0	0	6
PL.25831	PL.34852	B	4ACSR	7.44Y	124.0	0.00	2.02	2.69	2	19	7	94	0.00	0.0	3.588	0.016	0	0	0	5
072407	PL.25831	B	Consumer	7.44Y	124.0	0.00	2.02	0.70	0	5	2	93	0.00	0.0	3.588	0.000	5	2	1	1
072466	PL.25831	B	Consumer	7.44Y	124.0	0.00	2.02	0.30	0	2	1	89	0.00	0.0	3.588	0.000	2	1	1	1
PL.4803	PL.25831	B	4ACSR	7.44Y	124.0	0.00	2.02	1.69	1	12	5	92	0.00	0.0	3.641	0.053	0	0	0	3
072479	PL.4803	B	Consumer	7.44Y	124.0	0.00	2.02	0.23	0	2	1	89	0.00	0.0	3.641	0.000	2	1	1	1
072498	PL.4803	B	Consumer	7.44Y	124.0	0.00	2.02	1.46	0	10	4	93	0.00	0.0	3.641	0.000	10	4	1	1
072481	PL.4803	B	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	3.641	0.000	0	0	1	1
072486	PL.34852	B	Consumer	7.44Y	124.0	0.00	2.01	1.13	0	8	3	94	0.00	0.0	3.572	0.000	8	3	1	1
072496	PL.34855	B	Consumer	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	3.504	0.000	0	0	0	0
PL.34850	PL.34858	B	4ACSR	7.44Y	124.0	0.00	1.99	0.91	1	6	2	95	0.00	0.0	3.594	0.098	0	0	0	2
072439	PL.34850	B	Consumer	7.44Y	124.0	0.00	1.99	0.62	0	4	2	89	0.00	0.0	3.594	0.000	4	2	1	1
072424	PL.34850	B	Consumer	7.44Y	124.0	0.00	1.99	0.29	0	2	1	89	0.00	0.0	3.594	0.000	2	1	1	1
072487	OH33	B	Consumer	7.44Y	124.0	0.00	1.96	0.11	0	1	0	100	0.00	0.0	3.428	0.000	1	0	1	1
072443	OH33	B	Consumer	7.44Y	124.0	0.00	1.96	0.25	0	2	1	89	0.00	0.0	3.428	0.000	2	1	1	1
072463	OH33	B	Consumer	7.44Y	124.0	0.00	1.96	0.24	0	2	1	89	0.00	0.0	3.428	0.000	2	1	1	1
072484	OH33	B	Consumer	7.44Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	3.428	0.000	0	0	1	1
072477	OH33	B	Consumer	7.44Y	124.0	0.00	1.96	0.68	0	5	2	93	0.00	0.0	3.428	0.000	5	2	1	1
072492	OH33	B	Consumer	7.44Y	124.0	0.00	1.96	0.54	0	4	1	97	0.00	0.0	3.428	0.000	4	1	1	1
0724100	PL.8166	B	Consumer	7.45Y	124.2	0.00	1.80	0.16	0	1	0	100	0.00	0.0	3.077	0.000	1	0	1	1
0724102	PL.8166	B	Consumer	7.45Y	124.2	0.00	1.80	0.67	0	5	2	93	0.00	0.0	3.077	0.000	5	2	1	1
072483	PL.8166	B	Consumer	7.45Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	3.077	0.000	0	0	1	1
072491	PL.8165	B	Consumer	7.46Y	124.3	0.00	1.71	0.69	0	5	2	93	0.00	0.0	2.888	0.000	5	2	1	1
PL.34871	PL.26072	B	4ACSR	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	2.880	0.010	0	0	0	0
PD.4986	PL.34871	B	fuse6AMP	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	2.880	0.000	0	0	0	0
PL.34872	PD.4986	B	4ACSR	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	2.904	0.024	0	0	0	0
PL.24274	PL.34872	B	4ACSR	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	2.935	0.031	0	0	0	0
PL.34869	PL.26072	B	4ACSR	7.46Y	124.3	0.00	1.70	0.45	0	3	1	95	0.00	0.0	2.876	0.006	0	0	0	1
PD.4985	PL.34869	B	fuse6AMP	7.46Y	124.3	0.00	1.70	0.45	8	3	1	95	0.00	0.0	2.876	0.000	0	0	0	1
PL.34870	PD.4985	B	4ACSR	7.46Y	124.3	0.00	1.70	0.45	0	3	1	95	0.00	0.0	2.924	0.048	0	0	0	1
073464	PL.34870	B	Consumer	7.46Y	124.3	0.00	1.70	0.45	0	3	1	95	0.00	0.0	2.924	0.000	3	1	1	1
073451	PL.26073	B	Consumer	7.46Y	124.3	0.00	1.67	0.87	0	6	2	95	0.00	0.0	2.812	0.000	6	2	1	1
073429	PL.26076	B	Consumer	7.46Y	124.4	0.00	1.64	1.27	0	9	3	95	0.00	0.0	2.761	0.000	9	3	1	1
PL.12770	PL.26074	C	4ACSR	7.49Y	124.8	0.03	1.18	10.09	8	70	28	93	0.02	0.0	2.762	0.063	0	0	0	16
PL.34865	PL.12770	C	4ACSR	7.49Y	124.8	0.00	1.18	0.50	0	3	1	95	0.00	0.0	2.770	0.008	0	0	0	1
PD.4983	PL.34865	C	fuse6AMP	7.49Y	124.8	0.00	1.18	0.50	8	3	1	95	0.00	0.0	2.770	0.000	0	0	0	1
PL.34866	PD.4983	C	4ACSR	7.49Y	124.8	0.00	1.18	0.50	0	3	1	95	0.00	0.0	2.789	0.019	0	0	0	1

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

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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 (HARDWICK2) beginning with Device OCD42.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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	Thru	%	Thru	% PF	kW Loss	% Loss	mi	Length	KW							KVAR	Cons	Cons
							Drop	Amps	Cap	KW															
PL.24465	PL.20088	B	4ACSR	7.53Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	0.546	0.061	0	0	0	1					
074541	PL.24465	B	Consumer	7.53Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	0.546	0.000	0	0	1	1					
PL.12781	PL.20088	A	1/0ACSR	7.53Y	125.4	0.03	0.57	84.97	42	594	239	93	0.35	0.0	0.505	0.019	0	0	0	140					
		B		7.53Y	125.4	0.03	0.57	89.85	45	625	257	92					0	0	0	138					
		C		7.54Y	125.6	0.03	0.40	77.34	38	538	225	92					0	0	0	115					
074518	PL.12781	B	Consumer	7.53Y	125.4	0.00	0.57	1.58	0	11	4	94	0.00	0.0	0.505	0.000	11	4	1	1					
074527	PL.12781	B	Consumer	7.53Y	125.4	0.00	0.57	0.00	0	0	0	100	0.00	0.0	0.505	0.000	0	0	1	1					
PL.12782	PL.12781	A	1/0ACSR	7.52Y	125.4	0.07	0.64	84.97	42	593	238	93	0.79	0.0	0.548	0.044	0	0	0	140					
		B		7.52Y	125.4	0.07	0.65	88.28	44	614	253	92					0	0	0	136					
		C		7.53Y	125.5	0.06	0.46	77.34	38	538	225	92					0	0	0	115					
PL.12783	PL.12782	A	1/0ACSR	7.51Y	125.1	0.26	0.90	84.48	42	590	237	93	2.85	0.2	0.707	0.159	0	0	0	139					
		B		7.51Y	125.1	0.26	0.91	88.28	44	614	253	92					0	0	0	136					
		C		7.52Y	125.3	0.22	0.68	77.34	38	537	225	92					0	0	0	115					
074511	PL.12783	B	Consumer	7.51Y	125.1	0.00	0.91	2.20	0	15	6	93	0.00	0.0	0.707	0.000	15	6	1	1					
074528	PL.12783	B	Consumer	7.51Y	125.1	0.00	0.91	0.15	0	1	1	71	0.00	0.0	0.707	0.000	1	1	1	1					
PL.41323	PL.12783	A	1/0ACSR	7.50Y	125.1	0.03	0.93	84.48	42	589	236	93	0.29	0.0	0.723	0.016	0	0	0	139					
		B		7.50Y	125.1	0.03	0.93	85.92	43	597	245	93					0	0	0	134					
		C		7.52Y	125.3	0.02	0.70	77.34	38	537	224	92					0	0	0	115					
PL.41326	PL.41323	A	2ACSR	7.50Y	125.1	0.00	0.93	0.90	1	6	2	95	0.00	0.0	0.728	0.004	0	0	0	1					
PD.7392	PL.41326	A	fuse6AMP	7.50Y	125.1	0.00	0.93	0.90	15	6	2	95	0.00	0.0	0.728	0.000	0	0	0	1					
PL.41327	PD.7392	A	2ACSR	7.50Y	125.1	0.00	0.93	0.90	1	6	2	95	0.00	0.0	0.771	0.043	0	0	0	1					
PL.41325	PL.41327	A	1/0EPRJCN	7.50Y	125.1	0.00	0.93	0.90	0	6	2	95	0.00	0.0	0.873	0.102	0	0	0	1					
0745046	PL.41325	A	Consumer	7.50Y	125.1	0.00	0.93	0.93	0	6	3	89	0.00	0.0	0.873	0.000	6	3	1	1					
PL.41324	PL.41323	A	1/0ACSR	7.49Y	124.9	0.21	1.14	83.58	42	582	234	93	2.32	0.1	0.856	0.132	0	0	0	138					
		B		7.49Y	124.9	0.21	1.15	85.92	43	596	245	93					0	0	0	134					
		C		7.51Y	125.1	0.18	0.89	77.34	38	537	224	92					0	0	0	115					
074512	PL.41324	B	Consumer	7.49Y	124.9	0.00	1.15	0.37	0	3	1	95	0.00	0.0	0.856	0.000	3	1	1	1					
074522	PL.41324	C	Consumer	7.51Y	125.1	0.00	0.89	0.65	0	5	2	93	0.00	0.0	0.856	0.000	5	2	1	1					
PL.8189	PL.41324	A	1/0ACSR	7.49Y	124.8	0.09	1.23	82.73	41	575	231	93	0.94	0.1	0.912	0.056	0	0	0	137					
		B		7.49Y	124.8	0.09	1.23	85.55	43	593	243	93					0	0	0	133					
		C		7.50Y	125.0	0.07	0.96	73.06	36	506	212	92					0	0	0	110					
PL.8091	PL.8189	A	1/0ACSR	7.48Y	124.7	0.03	1.26	82.73	41	575	230	93	0.36	0.0	0.933	0.021	0	0	0	137					
		B		7.48Y	124.7	0.03	1.27	85.55	43	593	243	93					0	0	0	133					
		C		7.50Y	125.0	0.03	0.99	73.06	36	506	211	92					0	0	0	110					
PL.18184	PL.8091	A	1/0ACSR	7.48Y	124.7	0.07	1.33	82.73	41	575	230	93	0.72	0.0	0.976	0.043	0	0	0	137					
		B		7.48Y	124.7	0.07	1.33	85.14	42	590	241	93					0	0	0	132					
		C		7.50Y	125.0	0.06	1.04	73.06	36	506	211	92					0	0	0	110					
C PD.3630	PL.18184	A	70V4E	7.48Y	124.7	0.00	1.33	82.73	118	575	230	93	0.00	0.0	0.976	0.000	0	0	0	137 C					
		B		7.48Y	124.7	0.00	1.33	85.14	122	589	241	93					0	0	0	132 C					
		C		7.50Y	125.0	0.00	1.04	73.06	104	505	211	92					0	0	0	110 C					
PL.18185	PD.3630	A	1/0ACSR	7.48Y	124.7	0.01	1.35	82.73	41	575	230	93	0.14	0.0	0.984	0.008	0	0	0	137					
		B		7.48Y	124.7	0.01	1.35	85.14	42	589	241	93					0	0	0	132					
		C		7.50Y	124.9	0.01	1.05	73.06	36	505	211	92					0	0	0	110					
PL.383	PL.18185	A	1/0ACSR	7.48Y	124.6	0.02	1.37	36.66	18	254	104	93	0.54	0.0	1.028	0.044	0	0	0	62					
		B		7.47Y	124.6	0.09	1.43	85.14	42	589	241	93					0	0	0	132					
		C		7.49Y	124.9	0.05	1.10	73.06	36	505	211	92					0	0	0	110					
PL.12805	PL.383	A	1/0ACSR	7.48Y	124.6	0.02	1.38	36.66	18	254	104	93	0.40	0.0	1.060	0.033	0	0	0	62					
		B		7.47Y	124.5	0.07	1.50	85.14	42	589	241	93					0	0	0	132					
		C		7.49Y	124.9	0.04	1.14	73.06	36	505	211	92					0	0	0	110					
PL.26679	PL.12805	A	4ACSR	7.48Y	124.6	0.00	1.38	1.31	1	9	4	91	0.00	0.0	1.066	0.005	0	0	0	2					

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.2201, PL.26680, 075666, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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-table for Element PL.12814 with rows A, B, and 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\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 a note for 'percent Boost= 4.64 Tap= 7.4'.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 sub-headers 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\SUMMER\PROPOSED SUMMER 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...

Detail

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

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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	mi Length (mi)						KW	KVAR	Cons On	Cons Thru
PL.12892	PL.12891	B	4ACSR	7.32Y	122.1	0.01	3.92	0.91	1	6	2	95	0.00	0.0	7.027	0.330	0	0	0	3
PL.25296	PL.12892	B	4ACSR	7.32Y	122.1	0.00	3.92	0.78	1	5	2	93	0.00	0.0	7.106	0.079	0	0	0	2
PL.25297	PL.25296	B	4ACSR	7.32Y	122.1	0.00	3.93	0.78	1	5	2	93	0.00	0.0	7.233	0.127	0	0	0	2
PL.25294	PL.25297	B	4ACSR	7.32Y	122.1	0.00	3.93	0.50	0	3	1	95	0.00	0.0	7.312	0.079	0	0	0	1
PL.25295	PL.25294	B	4ACSR	7.32Y	122.1	0.00	3.93	0.50	0	3	1	95	0.00	0.0	7.446	0.134	0	0	0	1
077913	PL.25295	B	Consumer	7.32Y	122.1	0.00	3.93	0.50	0	3	1	95	0.00	0.0	7.446	0.000	3	1	1	1
078903	PL.25297	B	Consumer	7.32Y	122.1	0.00	3.93	0.28	0	2	1	89	0.00	0.0	7.233	0.000	2	1	1	1
078902	PL.12892	B	Consumer	7.32Y	122.1	0.00	3.92	0.14	0	1	0	100	0.00	0.0	7.027	0.000	1	0	1	1
078802	PL.25298	B	Consumer	7.33Y	122.1	0.00	3.90	0.43	0	3	1	95	0.00	0.0	6.584	0.000	3	1	1	1
PL.39006	PL.15184	B	4ACSR	7.33Y	122.1	0.00	3.88	0.67	1	5	2	93	0.00	0.0	6.422	0.007	0	0	0	1
PL.39008	PL.39006	B	4ACSR	7.33Y	122.1	0.00	3.88	0.67	1	5	2	93	0.00	0.0	6.425	0.003	0	0	0	1
PD.6809	PL.39008	B	fuse6AMP	7.33Y	122.1	0.00	3.88	0.67	11	5	2	93	0.00	0.0	6.425	0.000	0	0	0	1
PL.39009	PD.6809	B	4ACSR	7.33Y	122.1	0.00	3.89	0.67	1	5	2	93	0.00	0.0	6.515	0.090	0	0	0	1
078804	PL.39009	B	Consumer	7.33Y	122.1	0.00	3.89	0.67	0	5	2	93	0.00	0.0	6.515	0.000	5	2	1	1
077841	PL.39002	B	Consumer	7.33Y	122.1	0.00	3.87	0.00	0	0	0	100	0.00	0.0	6.307	0.000	0	0	0	0
PL.39004	PL.39001	B	4ACSR	7.33Y	122.1	0.00	3.86	0.40	0	3	1	95	0.00	0.0	6.233	0.001	0	0	0	1
PD.6807	PL.39004	B	fuse6AMP	7.33Y	122.1	0.00	3.86	0.40	7	3	1	95	0.00	0.0	6.233	0.000	0	0	0	1
PL.39005	PD.6807	B	4ACSR	7.33Y	122.1	0.00	3.86	0.40	0	3	1	95	0.00	0.0	6.248	0.015	0	0	0	1
PL.39003	PL.39005	B	4ACSR	7.33Y	122.1	0.00	3.86	0.40	0	3	1	95	0.00	0.0	6.250	0.002	0	0	0	1
077807	PL.39003	B	Consumer	7.33Y	122.1	0.00	3.86	0.40	0	3	1	95	0.00	0.0	6.250	0.000	3	1	1	1
PL.38998	PL.12885	B	4ACSR	7.33Y	122.2	0.00	3.84	0.15	0	1	0	100	0.00	0.0	6.091	0.011	0	0	0	1
PD.6806	PL.38998	B	fuse6AMP	7.33Y	122.2	0.00	3.84	0.15	3	1	0	100	0.00	0.0	6.091	0.000	0	0	0	1
PL.38999	PD.6806	B	4ACSR	7.33Y	122.2	0.00	3.84	0.15	0	1	0	100	0.00	0.0	6.170	0.079	0	0	0	1
PL.12889	PL.38999	B	4ACSR	7.33Y	122.2	0.00	3.84	0.15	0	1	0	100	0.00	0.0	6.214	0.043	0	0	0	1
077805	PL.12889	B	Consumer	7.33Y	122.2	0.00	3.84	0.15	0	1	0	100	0.00	0.0	6.214	0.000	1	0	1	1
PL.8248	PL.38999	B	4ACSR	7.33Y	122.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	6.371	0.201	0	0	0	0
PL.8249	PL.8248	B	4ACSR	7.33Y	122.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	6.371	0.000	0	0	0	0
077844	PL.8248	B	Consumer	7.33Y	122.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	6.371	0.000	0	0	0	0
PL.38997	PL.12885	B	4ACSR	7.33Y	122.2	0.00	3.84	2.62	2	18	7	93	0.00	0.0	6.090	0.009	0	0	0	5
PD.6805	PL.38997	B	fuse6AMP	7.33Y	122.2	0.00	3.84	2.62	45	18	7	93	0.00	0.0	6.090	0.000	0	0	0	5
PL.38996	PD.6805	B	4ACSR	7.33Y	122.2	0.00	3.85	2.62	2	18	7	93	0.00	0.0	6.123	0.032	0	0	0	5
077812	PL.38996	B	Consumer	7.33Y	122.2	0.00	3.85	0.51	0	3	1	95	0.00	0.0	6.123	0.000	3	1	1	1
PL.12886	PL.38996	B	4ACSR	7.33Y	122.1	0.01	3.86	2.12	2	14	6	92	0.00	0.0	6.218	0.095	0	0	0	4
PL.8233	PL.12886	B	4ACSR	7.33Y	122.1	0.00	3.86	0.85	1	6	2	95	0.00	0.0	6.254	0.037	0	0	0	2
077824	PL.8233	B	Consumer	7.33Y	122.1	0.00	3.86	0.00	0	0	0	100	0.00	0.0	6.254	0.000	0	0	0	0
PL.8232	PL.8233	B	4ACSR	7.33Y	122.1	0.00	3.86	0.85	1	6	2	95	0.00	0.0	6.312	0.058	0	0	0	2
PL.4707	PL.8232	B	4ACSR	7.33Y	122.1	0.00	3.86	0.61	1	4	2	89	0.00	0.0	6.386	0.074	0	0	0	1
PL.4715	PL.4707	B	4ACSR	7.33Y	122.1	0.01	3.87	0.61	1	4	2	89	0.00	0.0	6.571	0.185	0	0	0	1

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

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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							
077843	PL.4715	B	Consumer	7.33Y	122.1	0.00	3.87	0.61	0	4	2	89	0.00	0.0	6.571	0.000	4	2	1	1
077823	PL.8232	B	Consumer	7.33Y	122.1	0.00	3.86	0.24	0	2	1	89	0.00	0.0	6.312	0.000	2	1	1	1
077806	PL.12886	B	Consumer	7.33Y	122.1	0.00	3.86	0.45	0	3	1	95	0.00	0.0	6.218	0.000	3	1	1	1
077820	PL.12886	B	Consumer	7.33Y	122.1	0.00	3.86	0.82	0	6	2	95	0.00	0.0	6.218	0.000	6	2	1	1
077808	PL.12886	B	Consumer	7.33Y	122.1	0.00	3.86	0.00	0	0	0	100	0.00	0.0	6.218	0.000	0	0	0	0
PL.8246	PL.12885	B	4ACSR	7.33Y	122.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	6.081	0.000	0	0	0	0
PL.38994	PL.30936	B	4ACSR	7.33Y	122.2	0.00	3.80	0.93	1	6	2	95	0.00	0.0	5.934	0.009	0	0	0	2
PD.6804	PL.38994	B	fuse6AMP	7.33Y	122.2	0.00	3.80	0.93	16	6	2	95	0.00	0.0	5.934	0.000	0	0	0	2
PL.38995	PD.6804	B	4ACSR	7.33Y	122.2	0.00	3.80	0.93	1	6	2	95	0.00	0.0	5.976	0.042	0	0	0	2
077822	PL.38995	B	Consumer	7.33Y	122.2	0.00	3.80	0.41	0	3	1	95	0.00	0.0	5.976	0.000	3	1	1	1
077817	PL.38995	B	Consumer	7.33Y	122.2	0.00	3.80	0.53	0	4	1	97	0.00	0.0	5.976	0.000	4	1	1	1
077810	PL.30935	B	Consumer	7.33Y	122.2	0.00	3.79	0.87	0	6	2	95	0.00	0.0	5.885	0.000	6	2	1	1
077814	PL.19410	B	Consumer	7.33Y	122.2	0.00	3.76	0.30	0	2	1	89	0.00	0.0	5.796	0.000	2	1	1	1
077816	PL.19410	B	Consumer	7.33Y	122.2	0.00	3.76	0.80	0	5	2	93	0.00	0.0	5.796	0.000	5	2	1	1
PL.15187	PL.12874	B	4ACSR	7.34Y	122.3	0.00	3.66	11.98	10	82	32	93	0.00	0.0	5.548	0.008	0	0	0	15
C PD.2245	PL.15187	B	fuse6AMP	7.34Y	122.3	0.00	3.66	11.98	205	82	32	93	0.00	0.0	5.548	0.000	0	0	0	15 C
PL.15188	PD.2245	B	4ACSR	7.34Y	122.3	0.03	3.69	11.98	10	82	32	93	0.02	0.0	5.597	0.050	0	0	0	15
077826	PL.15188	B	Consumer	7.34Y	122.3	0.00	3.69	2.05	0	14	5	94	0.00	0.0	5.597	0.000	14	5	1	1
PL.12876	PL.15188	B	4ACSR	7.34Y	122.3	0.01	3.70	9.94	8	68	27	93	0.01	0.0	5.623	0.025	0	0	0	14
PL.12877	PL.12876	B	4ACSR	7.34Y	122.3	0.01	3.71	8.10	7	55	22	93	0.00	0.0	5.649	0.026	0	0	0	10
PL.8243	PL.12877	B	4ACSR	7.33Y	122.2	0.05	3.76	6.78	6	46	18	93	0.02	0.0	5.809	0.160	0	0	0	8
PL.8240	PL.8243	B	4ACSR	7.33Y	122.2	0.01	3.77	6.04	5	41	16	93	0.00	0.0	5.846	0.037	0	0	0	7
077834	PL.8240	B	Consumer	7.33Y	122.2	0.00	3.77	1.19	0	8	3	94	0.00	0.0	5.846	0.000	8	3	1	1
PL.8241	PL.8240	B	4ACSR	7.33Y	122.2	0.01	3.78	4.85	4	33	13	93	0.00	0.0	5.905	0.059	0	0	0	6
PL.12879	PL.8241	B	4ACSR	7.33Y	122.2	0.01	3.79	4.85	4	33	13	93	0.00	0.0	5.937	0.032	0	0	0	6
PL.4713	PL.12879	B	4ACSR	7.33Y	122.2	0.00	3.79	1.58	1	11	4	94	0.00	0.0	5.969	0.032	0	0	0	3
PL.4688	PL.4713	B	4ACSR	7.33Y	122.2	0.00	3.80	0.79	1	5	2	93	0.00	0.0	6.085	0.116	0	0	0	1
076809	PL.4688	B	Consumer	7.33Y	122.2	0.00	3.80	0.79	0	5	2	93	0.00	0.0	6.085	0.000	5	2	1	1
PL.25266	PL.4713	B	4ACSR	7.33Y	122.2	0.00	3.79	0.79	1	5	2	93	0.00	0.0	6.003	0.034	0	0	0	2
PL.25267	PL.25266	B	4ACSR	7.33Y	122.2	0.00	3.80	0.48	0	3	1	95	0.00	0.0	6.109	0.106	0	0	0	1
PL.33670	PL.25267	B	2ACSR	7.33Y	122.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	6.146	0.037	0	0	0	0
0768011	PL.33670	B	Consumer	7.33Y	122.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	6.146	0.000	0	0	0	0
076807	PL.25267	B	Consumer	7.33Y	122.2	0.00	3.80	0.48	0	3	1	95	0.00	0.0	6.109	0.000	3	1	1	1
076808	PL.25266	B	Consumer	7.33Y	122.2	0.00	3.79	0.31	0	2	1	89	0.00	0.0	6.003	0.000	2	1	1	1
PL.12880	PL.12879	B	4ACSR	7.33Y	122.2	0.00	3.79	3.27	3	22	9	93	0.00	0.0	5.937	0.000	0	0	0	3
PL.12878	PL.12880	B	4ACSR	7.33Y	122.2	0.00	3.79	1.37	1	9	4	91	0.00	0.0	5.972	0.035	0	0	0	2
PL.8237	PL.12878	B	4ACSR	7.33Y	122.2	0.00	3.79	0.88	1	6	2	95	0.00	0.0	5.972	0.000	0	0	0	1
077825	PL.8237	B	Consumer	7.33Y	122.2	0.00	3.79	0.88	0	6	2	95	0.00	0.0	5.972	0.000	6	2	1	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Detail

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

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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.4710	PL.8237	B	4ACSR	7.33Y	122.2	0.00	3.79	0.00	0	0	0	100	0.00	0.0	6.009	0.036	0	0	0	0
0778047	PL.12878	B	Consumer	7.33Y	122.2	0.00	3.79	0.50	0	3	1	95	0.00	0.0	5.972	0.000	3	1	1	1
077831	PL.12880	B	Consumer	7.33Y	122.2	0.00	3.79	1.89	0	13	5	93	0.00	0.0	5.937	0.000	13	5	1	1
077828	PL.8241	B	Consumer	7.33Y	122.2	0.00	3.78	0.00	0	0	0	100	0.00	0.0	5.905	0.000	0	0	0	0
077833	PL.8243	B	Consumer	7.33Y	122.2	0.00	3.76	0.00	0	0	0	100	0.00	0.0	5.809	0.000	0	0	0	0
077832	PL.8243	B	Consumer	7.33Y	122.2	0.00	3.76	0.74	0	5	2	93	0.00	0.0	5.809	0.000	5	2	1	1
077842	PL.12877	B	Consumer	7.34Y	122.3	0.00	3.71	0.67	0	5	2	93	0.00	0.0	5.649	0.000	5	2	1	1
077837	PL.12877	B	Consumer	7.34Y	122.3	0.00	3.71	0.65	0	4	2	89	0.00	0.0	5.649	0.000	4	2	1	1
PL.8244	PL.12876	B	4ACSR	7.34Y	122.3	0.00	3.70	1.83	2	13	5	93	0.00	0.0	5.632	0.009	0	0	0	4
PL.8245	PL.8244	B	4ACSR	7.34Y	122.3	0.01	3.71	1.83	2	13	5	93	0.00	0.0	5.706	0.074	0	0	0	4
PL.8242	PL.8245	B	4ACSR	7.34Y	122.3	0.00	3.71	1.47	1	10	4	93	0.00	0.0	5.708	0.002	0	0	0	3
PL.4709	PL.8242	B	4ACSR	7.34Y	122.3	0.00	3.71	1.47	1	10	4	93	0.00	0.0	5.744	0.036	0	0	0	3
PL.4714	PL.4709	B	4ACSR	7.34Y	122.3	0.00	3.71	1.47	1	10	4	93	0.00	0.0	5.798	0.055	0	0	0	3
077846	PL.4714	B	Consumer	7.34Y	122.3	0.00	3.71	0.49	0	3	1	95	0.00	0.0	5.798	0.000	3	1	1	1
077836	PL.4714	B	Consumer	7.34Y	122.3	0.00	3.71	0.64	0	4	2	89	0.00	0.0	5.798	0.000	4	2	1	1
077838	PL.4714	B	Consumer	7.34Y	122.3	0.00	3.71	0.34	0	2	1	89	0.00	0.0	5.798	0.000	2	1	1	1
077835	PL.8245	B	Consumer	7.34Y	122.3	0.00	3.71	0.36	0	2	1	89	0.00	0.0	5.706	0.000	2	1	1	1
077839	PL.8244	B	Consumer	7.34Y	122.3	0.00	3.70	0.00	0	0	0	100	0.00	0.0	5.632	0.000	0	0	0	0
077830	PL.12873	B	Consumer	7.34Y	122.4	0.00	3.64	0.35	0	2	1	89	0.00	0.0	5.520	0.000	2	1	1	1
PL.15192	PL.12882	B	4ACSR	7.35Y	122.5	0.00	3.48	0.52	0	4	1	97	0.00	0.0	5.380	0.007	0	0	0	1
PD.2242	PL.15192	B	fuse6AMP	7.35Y	122.5	0.00	3.48	0.52	9	4	1	97	0.00	0.0	5.380	0.000	0	0	0	1
PL.15193	PD.2242	B	4ACSR	7.35Y	122.5	0.00	3.48	0.52	0	4	1	97	0.00	0.0	5.469	0.088	0	0	0	1
077818	PL.15193	B	Consumer	7.35Y	122.5	0.00	3.48	0.52	0	4	1	97	0.00	0.0	5.469	0.000	4	1	1	1
077809	PL.12881	B	Consumer	7.36Y	122.7	0.00	3.35	0.36	0	2	1	89	0.00	0.0	5.254	0.000	2	1	1	1
PL.15194	PL.12881	B	4ACSR	7.36Y	122.7	0.00	3.35	0.82	1	6	2	95	0.00	0.0	5.260	0.005	0	0	0	1
PD.2241	PL.15194	B	fuse6AMP	7.36Y	122.7	0.00	3.35	0.82	14	6	2	95	0.00	0.0	5.260	0.000	0	0	0	1
PL.15195	PD.2241	B	4ACSR	7.36Y	122.6	0.00	3.35	0.82	1	6	2	95	0.00	0.0	5.277	0.017	0	0	0	1
PL.8229	PL.15195	B	4ACSR	7.36Y	122.6	0.00	3.35	0.82	1	6	2	95	0.00	0.0	5.309	0.032	0	0	0	1
PL.8230	PL.8229	B	4ACSR	7.36Y	122.6	0.00	3.35	0.00	0	0	0	100	0.00	0.0	5.403	0.095	0	0	0	0
077702	PL.8229	B	Consumer	7.36Y	122.6	0.00	3.35	0.82	0	6	2	95	0.00	0.0	5.309	0.000	6	2	1	1
PL.15196	PL.12871	B	4ACSR	7.36Y	122.7	0.00	3.27	0.61	1	4	2	89	0.00	0.0	5.191	0.005	0	0	0	1
PD.2240	PL.15196	B	fuse6AMP	7.36Y	122.7	0.00	3.27	0.61	10	4	2	89	0.00	0.0	5.191	0.000	0	0	0	1
PL.15197	PD.2240	B	4ACSR	7.36Y	122.7	0.00	3.27	0.61	1	4	2	89	0.00	0.0	5.240	0.049	0	0	0	1
077704	PL.15197	B	Consumer	7.36Y	122.7	0.00	3.27	0.61	0	4	2	89	0.00	0.0	5.240	0.000	4	2	1	1
076744	PL.12870	B	Consumer	7.37Y	122.8	0.00	3.18	1.35	0	9	4	91	0.00	0.0	5.114	0.000	9	4	1	1
PL.15198	PL.12869	B	4ACSR	7.38Y	123.0	0.00	2.99	0.52	0	4	1	97	0.00	0.0	4.967	0.005	0	0	0	1
PD.2217	PL.15198	B	fuse6AMP	7.38Y	123.0	0.00	2.99	0.52	9	4	1	97	0.00	0.0	4.967	0.000	0	0	0	1
PL.15199	PD.2217	B	4ACSR	7.38Y	123.0	0.00	3.00	0.52	0	4	1	97	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\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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.4699, PL.4696, 077703, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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.15093 through 0765088.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.2255, PL.15326, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Detail

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

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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				Length (mi)	KW		
PL.15336	PD.1141	B	4ACSR	7.26Y	121.1	0.02	4.93	6.82	6	46	18	93	0.01	0.0	3.839	0.059	0	0	0	10
PL.8290	PL.15336	B	4ACSR	7.26Y	121.1	0.00	4.93	5.33	4	36	14	93	0.00	0.0	3.840	0.001	0	0	0	8
PL.8291	PL.8290	B	4ACSR	7.26Y	121.1	0.01	4.94	2.37	2	16	6	94	0.00	0.0	3.933	0.094	0	0	0	5
077545	PL.8291	B	Consumer	7.26Y	121.1	0.00	4.94	0.73	0	5	2	93	0.00	0.0	3.933	0.000	5	2	1	1
077507	PL.8291	B	Consumer	7.26Y	121.1	0.00	4.94	0.15	0	1	0	100	0.00	0.0	3.933	0.000	1	0	1	1
077513	PL.8291	B	Consumer	7.26Y	121.1	0.00	4.94	1.11	0	8	3	94	0.00	0.0	3.933	0.000	8	3	1	1
077515	PL.8291	B	Consumer	7.26Y	121.1	0.00	4.94	0.04	0	0	0	100	0.00	0.0	3.933	0.000	0	0	1	1
077538	PL.8291	B	Consumer	7.26Y	121.1	0.00	4.94	0.35	0	2	1	89	0.00	0.0	3.933	0.000	2	1	1	1
077542	PL.8290	B	Consumer	7.26Y	121.1	0.00	4.93	1.01	0	7	3	92	0.00	0.0	3.840	0.000	7	3	1	1
077511	PL.8290	B	Consumer	7.26Y	121.1	0.00	4.93	1.34	0	9	4	91	0.00	0.0	3.840	0.000	9	4	1	1
077503	PL.8290	B	Consumer	7.26Y	121.1	0.00	4.93	0.61	0	4	2	89	0.00	0.0	3.840	0.000	4	2	1	1
PL.5021	PL.15336	B	4ACSR	7.26Y	121.1	0.00	4.94	1.49	1	10	4	93	0.00	0.0	3.891	0.052	0	0	0	2
077518	PL.5021	B	Consumer	7.26Y	121.1	0.00	4.94	0.68	0	5	2	93	0.00	0.0	3.891	0.000	5	2	1	1
076522	PL.5021	B	Consumer	7.26Y	121.1	0.00	4.94	0.81	0	5	2	93	0.00	0.0	3.891	0.000	5	2	1	1
PL.12837	PL.12836	A B C	1/0ACSR	7.40Y 7.26Y 7.43Y	123.3 121.1 123.9	0.02 0.01 -0.00	2.73 4.92 2.14	15.60 13.73 1.28	8 7 1	107 93 9	42 36 3	93 93 93	0.02 0.0 0.0	0.0	3.826	0.051	0 0 0	0 0 0	0 0 0	29 21 2
PL.31917	PL.12837	A B C	1/0ACSR	7.39Y 7.26Y 7.43Y	123.2 121.1 123.9	0.05 0.02 -0.01	2.79 4.95 2.14	15.60 13.09 1.28	8 7 1	107 89 9	42 35 3	93 93 93	0.05 0.0 0.0	0.0	3.959	0.133	0 0 0	0 0 0	0 0 0	29 19 2
077504	PL.31917	B	Consumer	7.26Y	121.1	0.00	4.95	0.00	0	0	0	100	0.00	0.0	3.959	0.000	0	0	0	0
077516	PL.31917	B	Consumer	7.26Y	121.1	0.00	4.95	0.85	0	6	2	95	0.00	0.0	3.959	0.000	6	2	1	1
0775047	PL.31917	C	Consumer	7.43Y	123.9	0.00	2.14	0.55	0	4	1	97	0.00	0.0	3.959	0.000	4	1	1	1
077544	PL.31917	C	Consumer	7.43Y	123.9	0.00	2.14	0.73	0	5	2	93	0.00	0.0	3.959	0.000	5	2	1	1
PL.31918	PL.31917	A B C	1/0ACSR	7.39Y 7.26Y 7.43Y	123.2 121.0 123.9	0.01 0.00 -0.00	2.80 4.95 2.14	15.60 12.24 0.00	8 6 0	107 83 0	42 32 0	93 93 100	0.01 0.0 0.0	0.0	3.976	0.017	0 0 0	0 0 0	0 0 0	29 18 0
PL.15339	PL.31918	B	4ACSR	7.26Y	121.0	0.00	4.95	12.24	10	83	32	93	0.00	0.0	3.982	0.006	0	0	0	18
PL.15343	PL.15339	B	4ACSR	7.26Y	121.0	0.06	5.01	12.24	10	83	32	93	0.04	0.0	4.085	0.103	0	0	0	18
PD.3442	PL.15343	B	25V4E	7.26Y	121.0	0.00	5.01	12.24	49	83	32	93	0.00	0.0	4.085	0.000	0	0	0	18
PL.15344	PD.3442	B	4ACSR	7.26Y	121.0	0.00	5.02	12.24	10	83	32	93	0.00	0.0	4.090	0.006	0	0	0	18
PL.35552	PL.15344	B	4ACSR	7.26Y	121.0	0.00	5.02	3.59	3	24	9	94	0.00	0.0	4.109	0.018	0	0	0	4
PD.5217	PL.35552	B	fuse6AMP	7.26Y	121.0	0.00	5.02	3.59	61	24	9	94	0.00	0.0	4.109	0.000	0	0	0	4
PL.35553	PD.5217	B	4ACSR	7.26Y	121.0	0.01	5.03	3.59	3	24	9	94	0.00	0.0	4.149	0.041	0	0	0	4
077524	PL.35553	B	Consumer	7.26Y	121.0	0.00	5.03	0.37	0	2	1	89	0.00	0.0	4.149	0.000	2	1	1	1
0775049	PL.35553	B	Consumer	7.26Y	121.0	0.00	5.03	0.00	0	0	0	100	0.00	0.0	4.149	0.000	0	0	0	0
077530	PL.35553	B	Consumer	7.26Y	121.0	0.00	5.03	1.13	0	8	3	94	0.00	0.0	4.149	0.000	8	3	1	1
0775050	PL.35553	B	Consumer	7.26Y	121.0	0.00	5.03	0.00	0	0	0	100	0.00	0.0	4.149	0.000	0	0	0	0
077534	PL.35553	B	Consumer	7.26Y	121.0	0.00	5.03	0.89	0	6	2	95	0.00	0.0	4.149	0.000	6	2	1	1
PL.4999	PL.35553	B	4ACSR	7.26Y	121.0	0.00	5.03	1.20	1	8	3	94	0.00	0.0	4.219	0.070	0	0	0	1
077527	PL.4999	B	Consumer	7.26Y	121.0	0.00	5.03	0.00	0	0	0	100	0.00	0.0	4.219	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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							
077437	PL.8296	A	Consumer	7.37Y	122.9	0.00	3.11	0.00	0	0	0	100	0.00	0.0	4.918	0.000	0	0	1	1
PL.8297	PL.8296	A	4ACSR	7.37Y	122.9	0.00	3.11	0.58	0	4	2	89	0.00	0.0	5.034	0.116	0	0	0	1
077401	PL.8297	A	Consumer	7.37Y	122.9	0.00	3.11	0.58	0	4	2	89	0.00	0.0	5.034	0.000	4	2	1	1
PL.4994	PL.34946	A	4ACSR	7.37Y	122.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	4.741	0.119	0	0	0	0
PL.12845	PL.12844	A	4ACSR	7.37Y	122.9	0.03	3.12	8.84	7	61	24	93	0.01	0.0	4.577	0.078	0	0	0	14
PL.15347	PL.12845	A	4ACSR	7.37Y	122.9	0.00	3.12	1.04	1	7	3	92	0.00	0.0	4.582	0.005	0	0	0	1
PD.1144	PL.15347	A	fuse6AMP	7.37Y	122.9	0.00	3.12	1.04	18	7	3	92	0.00	0.0	4.582	0.000	0	0	0	1
PL.15295	PD.1144	A	4ACSR	7.37Y	122.9	0.01	3.13	1.04	1	7	3	92	0.00	0.0	4.787	0.204	0	0	0	1
077418	PL.15295	A	Consumer	7.37Y	122.9	0.00	3.13	0.00	0	0	0	100	0.00	0.0	4.787	0.000	0	0	0	0
077426	PL.15295	A	Consumer	7.37Y	122.9	0.00	3.13	1.04	0	7	3	92	0.00	0.0	4.787	0.000	7	3	1	1
PL.34949	PL.12845	A	4ACSR	7.37Y	122.9	0.00	3.12	6.49	5	45	17	94	0.00	0.0	4.587	0.010	0	0	0	11
PD.5022-A	PL.34949	A	Closed	7.37Y	122.9	0.00	3.12	6.49	0	45	17	94	0.00	0.0	4.587	0.000	0	0	0	11
PD.5022-B	PD.5022-A	A	Closed	7.37Y	122.9	0.00	3.12	6.49	0	45	17	94	0.00	0.0	4.587	0.000	0	0	0	11
PL.34950	PD.5022-B	A	4ACSR	7.37Y	122.8	0.05	3.17	6.49	5	45	17	94	0.02	0.0	4.748	0.161	0	0	0	11
PL.5025	PL.34950	A	4ACSR	7.37Y	122.8	0.01	3.18	1.34	1	9	4	91	0.00	0.0	4.870	0.122	0	0	0	1
077433	PL.5025	A	Consumer	7.37Y	122.8	0.00	3.18	1.34	0	9	4	91	0.00	0.0	4.870	0.000	9	4	1	1
PL.12847	PL.34950	A	4ACSR	7.37Y	122.8	0.01	3.18	5.15	4	35	14	93	0.00	0.0	4.770	0.022	0	0	0	10
PL.12848	PL.12847	A	4ACSR	7.37Y	122.8	0.01	3.19	4.45	4	31	12	93	0.00	0.0	4.836	0.066	0	0	0	9
077425	PL.12848	A	Consumer	7.37Y	122.8	0.00	3.19	0.00	0	0	0	100	0.00	0.0	4.836	0.000	0	0	0	0
077427	PL.12848	A	Consumer	7.37Y	122.8	0.00	3.19	0.00	0	0	0	100	0.00	0.0	4.836	0.000	0	0	0	0
077429	PL.12848	A	Consumer	7.37Y	122.8	0.00	3.19	0.38	0	3	1	95	0.00	0.0	4.836	0.000	3	1	1	1
PL.12849	PL.12848	A	4ACSR	7.37Y	122.8	0.01	3.20	4.07	3	28	11	93	0.00	0.0	4.883	0.046	0	0	0	8
PL.12850	PL.12849	A	4ACSR	7.37Y	122.8	0.00	3.20	4.07	3	28	11	93	0.00	0.0	4.907	0.024	0	0	0	8
PL.12851	PL.12850	A	4ACSR	7.37Y	122.8	0.00	3.21	3.44	3	24	9	94	0.00	0.0	4.937	0.030	0	0	0	6
077435	PL.12851	A	Consumer	7.37Y	122.8	0.00	3.21	0.61	0	4	2	89	0.00	0.0	4.937	0.000	4	2	1	1
077430	PL.12851	A	Consumer	7.37Y	122.8	0.00	3.21	0.32	0	2	1	89	0.00	0.0	4.937	0.000	2	1	1	1
PL.12852	PL.12851	A	4ACSR	7.37Y	122.8	0.00	3.21	2.51	2	17	7	92	0.00	0.0	4.963	0.026	0	0	0	4
PL.12853	PL.12852	A	4ACSR	7.37Y	122.8	0.01	3.22	1.65	1	11	4	94	0.00	0.0	5.126	0.163	0	0	0	3
078405	PL.12853	A	Consumer	7.37Y	122.8	0.00	3.22	0.82	0	6	2	95	0.00	0.0	5.126	0.000	6	2	1	1
078403	PL.12853	A	Consumer	7.37Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	5.126	0.000	0	0	0	0
PL.8292	PL.12853	A	4ACSR	7.37Y	122.8	0.00	3.23	0.83	1	6	2	95	0.00	0.0	5.171	0.045	0	0	0	2
PL.8293	PL.8292	A	4ACSR	7.37Y	122.8	0.00	3.23	0.40	0	3	1	95	0.00	0.0	5.241	0.070	0	0	0	1
078404	PL.8293	A	Consumer	7.37Y	122.8	0.00	3.23	0.40	0	3	1	95	0.00	0.0	5.241	0.000	3	1	1	1
078402	PL.8293	A	Consumer	7.37Y	122.8	0.00	3.23	0.00	0	0	0	100	0.00	0.0	5.241	0.000	0	0	0	0
078406	PL.8292	A	Consumer	7.37Y	122.8	0.00	3.23	0.43	0	3	1	95	0.00	0.0	5.171	0.000	3	1	1	1
077419	PL.12852	A	Consumer	7.37Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	4.963	0.000	0	0	0	0
077421	PL.12852	A	Consumer	7.37Y	122.8	0.00	3.21	0.86	0	6	2	95	0.00	0.0	4.963	0.000	6	2	1	1
077424	PL.12850	A	Consumer	7.37Y	122.8	0.00	3.20	0.03	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\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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.19221, 076539, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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
075565	PL.37750	C	Consumer	7.41Y	123.6	0.00	2.42	0.02	0	0	0	100	0.00	0.0	2.942	0.000	0	0	1	1
PL.4960	PL.37750	C	4ACSR	7.41Y	123.6	0.01	2.43	5.82	5	40	16	93	0.00	0.0	2.987	0.045	0	0	0	8
PL.4961	PL.4960	C	4ACSR	7.41Y	123.6	0.01	2.44	5.82	5	40	16	93	0.00	0.0	3.033	0.047	0	0	0	8
PL.4962	PL.4961	C	4ACSR	7.41Y	123.5	0.01	2.46	5.13	4	35	14	93	0.00	0.0	3.094	0.060	0	0	0	7
075589	PL.4962	C	Consumer	7.41Y	123.5	0.00	2.46	0.69	0	5	2	93	0.00	0.0	3.094	0.000	5	2	1	1
PL.4963	PL.4962	C	4ACSR	7.41Y	123.5	0.01	2.46	4.44	4	31	12	93	0.00	0.0	3.128	0.034	0	0	0	6
0755102	PL.4963	C	Consumer	7.41Y	123.5	0.00	2.46	0.99	0	7	3	92	0.00	0.0	3.128	0.000	7	3	1	1
075581	PL.4963	C	Consumer	7.41Y	123.5	0.00	2.46	0.87	0	6	2	95	0.00	0.0	3.128	0.000	6	2	1	1
075564	PL.4963	C	Consumer	7.41Y	123.5	0.00	2.46	0.66	0	5	2	93	0.00	0.0	3.128	0.000	5	2	1	1
PL.4966	PL.4963	C	4ACSR	7.41Y	123.5	0.00	2.47	1.93	2	13	5	93	0.00	0.0	3.168	0.040	0	0	0	3
075580	PL.4966	C	Consumer	7.41Y	123.5	0.00	2.47	0.35	0	2	1	89	0.00	0.0	3.168	0.000	2	1	1	1
075593	PL.4966	C	Consumer	7.41Y	123.5	0.00	2.47	1.04	0	7	3	92	0.00	0.0	3.168	0.000	7	3	1	1
075597	PL.4966	C	Consumer	7.41Y	123.5	0.00	2.47	0.54	0	4	1	97	0.00	0.0	3.168	0.000	4	1	1	1
PL.4987	PL.4961	C	4ACSR	7.41Y	123.6	0.00	2.45	0.70	1	5	2	93	0.00	0.0	3.083	0.050	0	0	0	1
075586	PL.4987	C	Consumer	7.41Y	123.6	0.00	2.45	0.70	0	5	2	93	0.00	0.0	3.083	0.000	5	2	1	1
075561	PL.12822	C	Consumer	7.42Y	123.6	0.00	2.38	0.37	0	3	1	95	0.00	0.0	2.812	0.000	3	1	1	1
075555	PL.12821	C	Consumer	7.42Y	123.6	0.00	2.36	0.58	0	4	2	89	0.00	0.0	2.770	0.000	4	2	1	1
075566	PL.12821	C	Consumer	7.42Y	123.6	0.00	2.36	0.40	0	3	1	95	0.00	0.0	2.770	0.000	3	1	1	1
075588	PL.12821	C	Consumer	7.42Y	123.6	0.00	2.36	0.00	0	0	0	100	0.00	0.0	2.770	0.000	0	0	0	0
PL.34929	PL.12820	C	4ACSR	7.42Y	123.7	0.00	2.28	0.00	0	0	0	100	0.00	0.0	2.610	0.009	0	0	0	0
PD.5013	PL.34929	C	fuse6AMP	7.42Y	123.7	0.00	2.28	0.00	0	0	0	100	0.00	0.0	2.610	0.000	0	0	0	0
PL.34928	PD.5013	C	4ACSR	7.42Y	123.7	0.00	2.28	0.00	0	0	0	100	0.00	0.0	2.694	0.084	0	0	0	0
075509	PL.34928	C	Consumer	7.42Y	123.7	0.00	2.28	0.00	0	0	0	100	0.00	0.0	2.694	0.000	0	0	0	0
PL.4950	PL.34928	C	4ACSR	7.42Y	123.7	0.00	2.28	0.00	0	0	0	100	0.00	0.0	2.752	0.057	0	0	0	0
PL.4956	PL.4950	C	4ACSR	7.42Y	123.7	0.00	2.28	0.00	0	0	0	100	0.00	0.0	2.809	0.058	0	0	0	0
075559	PL.4956	C	Consumer	7.42Y	123.7	0.00	2.28	0.00	0	0	0	100	0.00	0.0	2.809	0.000	0	0	0	0
PL.34930	PL.12820	C	4ACSR	7.42Y	123.7	0.00	2.28	3.28	3	23	9	93	0.00	0.0	2.622	0.021	0	0	0	7
PD.5014	PL.34930	C	fuse6AMP	7.42Y	123.7	0.00	2.28	3.28	56	23	9	93	0.00	0.0	2.622	0.000	0	0	0	7
PL.34931	PD.5014	C	4ACSR	7.42Y	123.7	0.02	2.30	3.28	3	23	9	93	0.00	0.0	2.752	0.131	0	0	0	7
PL.4955	PL.34931	C	4ACSR	7.42Y	123.7	0.00	2.30	1.39	1	10	4	93	0.00	0.0	2.818	0.065	0	0	0	2
075511	PL.4955	C	Consumer	7.42Y	123.7	0.00	2.30	0.66	0	5	2	93	0.00	0.0	2.818	0.000	5	2	1	1
075577	PL.4955	C	Consumer	7.42Y	123.7	0.00	2.30	0.73	0	5	2	93	0.00	0.0	2.818	0.000	5	2	1	1
PL.4953	PL.34931	C	4ACSR	7.42Y	123.7	0.00	2.30	0.46	0	3	1	95	0.00	0.0	2.776	0.024	0	0	0	1
075519	PL.4953	C	Consumer	7.42Y	123.7	0.00	2.30	0.46	0	3	1	95	0.00	0.0	2.776	0.000	3	1	1	1
PL.4954	PL.34931	C	4ACSR	7.42Y	123.7	0.00	2.30	1.44	1	10	4	93	0.00	0.0	2.811	0.058	0	0	0	4
PL.8260	PL.4954	C	4ACSR	7.42Y	123.7	0.00	2.31	1.44	1	10	4	93	0.00	0.0	2.860	0.049	0	0	0	4
PL.45420	PL.8260	C	2ACSR	7.42Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	2.900	0.040	0	0	0	1
075576	PL.45420	C	Consumer	7.42Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	2.900	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.8261	PL.8260	C	4ACSR	7.42Y	123.7	0.00	2.31	1.44	1	10	4	93	0.00	0.0	2.869	0.009	0	0	0	3
PL.4948	PL.8261	C	4ACSR	7.42Y	123.7	0.00	2.31	1.44	1	10	4	93	0.00	0.0	2.927	0.058	0	0	0	3
PL.4949	PL.4948	C	4ACSR	7.42Y	123.7	0.01	2.32	1.44	1	10	4	93	0.00	0.0	3.005	0.078	0	0	0	3
075536	PL.4949	C	Consumer	7.42Y	123.7	0.00	2.32	0.83	0	6	2	95	0.00	0.0	3.005	0.000	6	2	1	1
PL.4990	PL.4949	C	4ACSR	7.42Y	123.7	0.00	2.32	0.61	1	4	2	89	0.00	0.0	3.145	0.140	0	0	0	2
075591	PL.4990	C	Consumer	7.42Y	123.7	0.00	2.32	0.35	0	2	1	89	0.00	0.0	3.145	0.000	2	1	1	1
PL.5013	PL.4990	C	4ACSR	7.42Y	123.7	0.00	2.32	0.26	0	2	1	89	0.00	0.0	3.275	0.131	0	0	0	1
0755100	PL.5013	C	Consumer	7.42Y	123.7	0.00	2.32	0.26	0	2	1	89	0.00	0.0	3.275	0.000	2	1	1	1
PL.4350	PL.12819	A	4ACSR	7.44Y	123.9	0.00	2.07	0.05	0	0	0	100	0.00	0.0	2.371	0.035	0	0	0	1
076637	PL.4350	A	Consumer	7.44Y	123.9	0.00	2.07	0.05	0	0	0	100	0.00	0.0	2.371	0.000	0	0	1	1
PL.15229	PL.15226	C	4ACSR	7.44Y	124.0	0.00	2.02	2.71	2	19	7	94	0.00	0.0	2.170	0.005	0	0	0	4
PD.2208	PL.15229	C	fuse6AMP	7.44Y	124.0	0.00	2.02	2.71	46	19	7	94	0.00	0.0	2.170	0.000	0	0	0	4
PL.15230	PD.2208	C	4ACSR	7.44Y	124.0	0.01	2.02	2.71	2	19	7	94	0.00	0.0	2.220	0.050	0	0	0	4
075623	PL.15230	C	Consumer	7.44Y	124.0	0.00	2.02	0.85	0	6	2	95	0.00	0.0	2.220	0.000	6	2	1	1
075622	PL.15230	C	Consumer	7.44Y	124.0	0.00	2.02	0.67	0	5	2	93	0.00	0.0	2.220	0.000	5	2	1	1
075621	PL.15230	C	Consumer	7.44Y	124.0	0.00	2.02	1.09	0	8	3	94	0.00	0.0	2.220	0.000	8	3	1	1
PL.4340	PL.15230	C	4ACSR	7.44Y	124.0	0.00	2.02	0.09	0	1	0	100	0.00	0.0	2.283	0.063	0	0	0	1
075640	PL.4340	C	Consumer	7.44Y	124.0	0.00	2.02	0.09	0	1	0	100	0.00	0.0	2.283	0.000	1	0	1	1
PL.15223	PL.12817	C	4ACSR	7.45Y	124.1	0.00	1.90	3.36	3	23	9	93	0.00	0.0	1.967	0.006	0	0	0	7
PD.2205	PL.15223	C	fuse6AMP	7.45Y	124.1	0.00	1.90	3.36	57	23	9	93	0.00	0.0	1.967	0.000	0	0	0	7
PL.15224	PD.2205	C	4ACSR	7.45Y	124.1	0.01	1.91	3.36	3	23	9	93	0.00	0.0	2.036	0.068	0	0	0	7
PL.25239	PL.15224	C	4ACSR	7.44Y	124.1	0.00	1.92	1.87	2	13	5	93	0.00	0.0	2.090	0.054	0	0	0	5
075625	PL.25239	C	Consumer	7.44Y	124.1	0.00	1.92	0.63	0	4	2	89	0.00	0.0	2.090	0.000	4	2	1	1
PL.25240	PL.25239	C	4ACSR	7.44Y	124.1	0.01	1.93	1.24	1	9	4	91	0.00	0.0	2.293	0.203	0	0	0	4
076604	PL.25240	C	Consumer	7.44Y	124.1	0.00	1.93	0.27	0	2	1	89	0.00	0.0	2.293	0.000	2	1	1	1
PL.4339	PL.25240	C	4ACSR	7.44Y	124.1	0.00	1.93	0.97	1	7	3	92	0.00	0.0	2.354	0.061	0	0	0	3
PL.4347	PL.4339	C	4ACSR	7.44Y	124.1	0.00	1.93	0.16	0	1	0	100	0.00	0.0	2.402	0.048	0	0	0	2
076632	PL.4347	C	Consumer	7.44Y	124.1	0.00	1.93	0.04	0	0	0	100	0.00	0.0	2.402	0.000	0	0	1	1
076636	PL.4347	C	Consumer	7.44Y	124.1	0.00	1.93	0.12	0	1	0	100	0.00	0.0	2.402	0.000	1	0	1	1
PL.4338	PL.4339	C	4ACSR	7.44Y	124.1	0.00	1.94	0.80	1	6	2	95	0.00	0.0	2.429	0.075	0	0	0	1
076623	PL.4338	C	Consumer	7.44Y	124.1	0.00	1.94	0.80	0	6	2	95	0.00	0.0	2.429	0.000	6	2	1	1
075614	PL.15224	C	Consumer	7.45Y	124.1	0.00	1.91	0.70	0	5	2	93	0.00	0.0	2.036	0.000	5	2	1	1
PL.4470	PL.15224	C	4ACSR	7.45Y	124.1	0.00	1.92	0.80	1	6	2	95	0.00	0.0	2.069	0.034	0	0	0	1
PL.4471	PL.4470	C	4ACSR	7.44Y	124.1	0.00	1.92	0.80	1	6	2	95	0.00	0.0	2.117	0.047	0	0	0	1
075667	PL.4471	C	Consumer	7.44Y	124.1	0.00	1.92	0.80	0	6	2	95	0.00	0.0	2.117	0.000	6	2	1	1
PL.15221	PL.12817	B	4ACSR	7.36Y	122.7	0.00	3.30	1.09	1	7	3	92	0.00	0.0	1.967	0.005	0	0	0	1
PD.2206	PL.15221	B	fuse6AMP	7.36Y	122.7	0.00	3.30	1.09	19	7	3	92	0.00	0.0	1.967	0.000	0	0	0	1
PL.15222	PD.2206	B	4ACSR	7.36Y	122.7	0.00	3.30	1.09	1	7	3	92	0.00	0.0	2.041	0.073	0	0	0	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	7.36Y	122.7	0.00	3.30	1.09	0	7	3	92	0.00	0.0	2.041	0.000	7	3	1	1
PL.44164	PL.12816	A	4ACSR	7.46Y	124.3	0.00	1.73	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	7.46Y	124.3	0.00	1.73	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	124.4	0.00	1.63	8.63	7	59	27	91	0.00	0.0	1.542	0.005	0	0	0	9
C PD.2203	PL.15233	C	fuse6AMP	7.46Y	124.4	0.00	1.63	8.63	147	59	27	91	0.00	0.0	1.542	0.000	0	0	0	9 C
PL.15234	PD.2203	C	4ACSR	7.46Y	124.3	0.06	1.70	8.63	7	59	27	91	0.03	0.0	1.703	0.161	0	0	0	9
PL.25241	PL.15234	C	4ACSR	7.46Y	124.3	0.01	1.70	6.19	5	42	19	91	0.00	0.0	1.722	0.019	0	0	0	6
PL.4341	PL.25241	C	4ACSR	7.46Y	124.3	0.01	1.71	1.68	1	12	5	92	0.00	0.0	1.789	0.067	0	0	0	3
075628	PL.4341	C	Consumer	7.46Y	124.3	0.00	1.71	0.90	0	6	2	95	0.00	0.0	1.789	0.000	6	2	1	1
075661	PL.4341	C	Consumer	7.46Y	124.3	0.00	1.71	0.24	0	2	1	89	0.00	0.0	1.789	0.000	2	1	1	1
075665	PL.4341	C	Consumer	7.46Y	124.3	0.00	1.71	0.00	0	0	0	100	0.00	0.0	1.789	0.000	0	0	0	0
075657	PL.4341	C	Consumer	7.46Y	124.3	0.00	1.71	0.54	0	4	1	97	0.00	0.0	1.789	0.000	4	1	1	1
075662	PL.25241	C	Consumer	7.46Y	124.3	0.00	1.70	0.94	0	6	3	89	0.00	0.0	1.722	0.000	5	2	1	2
0756070	075662	C	Consumer	7.46Y	124.3	0.00	1.70	0.19	0	1	1	71	0.00	0.0	1.722	0.000	1	1	1	1
075611	PL.25241	C	Consumer	7.46Y	124.3	0.00	1.70	3.58	0	24	12	89	0.00	0.0	1.722	0.000	24	12	1	1
075615	PL.15234	C	Consumer	7.46Y	124.3	0.00	1.70	0.35	0	2	1	89	0.00	0.0	1.703	0.000	2	1	1	1
075605	PL.15234	C	Consumer	7.46Y	124.3	0.00	1.70	1.40	0	9	5	87	0.00	0.0	1.703	0.000	9	5	1	1
075606	PL.15234	C	Consumer	7.46Y	124.3	0.00	1.70	0.70	0	5	2	93	0.00	0.0	1.703	0.000	5	2	1	1
PL.15235	PL.12814	A	4ACSR	7.47Y	124.4	0.00	1.56	0.47	0	3	1	95	0.00	0.0	1.459	0.006	0	0	0	1
PD.2204	PL.15235	A	fuse6AMP	7.47Y	124.4	0.00	1.56	0.47	8	3	1	95	0.00	0.0	1.459	0.000	0	0	0	1
PL.15236	PD.2204	A	4ACSR	7.47Y	124.4	0.00	1.56	0.47	0	3	1	95	0.00	0.0	1.514	0.055	0	0	0	1
075603	PL.15236	A	Consumer	7.47Y	124.4	0.00	1.56	0.47	0	3	1	95	0.00	0.0	1.514	0.000	3	1	1	1
PL.26675	PL.26678	C	4ACSR	7.48Y	124.7	0.00	1.33	3.13	3	22	9	93	0.00	0.0	1.225	0.005	0	0	0	5
PD.2219	PL.26675	C	fuse6AMP	7.48Y	124.7	0.00	1.33	3.13	54	22	9	93	0.00	0.0	1.225	0.000	0	0	0	5
PL.26676	PD.2219	C	4ACSR	7.48Y	124.7	0.01	1.33	3.13	3	22	9	93	0.00	0.0	1.278	0.053	0	0	0	5
PL.25245	PL.26676	C	4ACSR	7.48Y	124.7	0.00	1.34	1.46	1	10	4	93	0.00	0.0	1.348	0.070	0	0	0	2
075613	PL.25245	C	Consumer	7.48Y	124.7	0.00	1.34	0.71	0	5	2	93	0.00	0.0	1.348	0.000	5	2	1	1
075626	PL.25245	C	Consumer	7.48Y	124.7	0.00	1.34	0.75	0	5	2	93	0.00	0.0	1.348	0.000	5	2	1	1
075660	PL.26676	C	Consumer	7.48Y	124.7	0.00	1.33	0.65	0	5	2	93	0.00	0.0	1.278	0.000	5	2	1	1
075637	PL.26676	C	Consumer	7.48Y	124.7	0.00	1.33	0.69	0	5	2	93	0.00	0.0	1.278	0.000	5	2	1	1
075609	PL.26676	C	Consumer	7.48Y	124.7	0.00	1.33	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	124.7	0.00	1.33	0.32	0	2	1	89	0.00	0.0	1.278	0.000	2	1	1	1
075658	PL.26678	A	Consumer	7.47Y	124.5	0.00	1.45	0.52	0	4	1	97	0.00	0.0	1.220	0.000	4	1	1	1
PL.40396	PL.26678	A	2ACSR	7.47Y	124.5	0.00	1.45	1.06	1	7	3	92	0.00	0.0	1.250	0.030	0	0	0	2
0756072	PL.40396	A	Consumer	7.47Y	124.5	0.00	1.45	0.46	0	3	1	95	0.00	0.0	1.250	0.000	3	1	1	1
0756071	PL.40396	A	Consumer	7.47Y	124.5	0.00	1.45	0.60	0	4	2	89	0.00	0.0	1.250	0.000	4	2	1	1
PL.4344	PL.12805	A	1/0ACSR	7.48Y	124.6	0.00	1.38	0.00	0	0	0	100	0.00	0.0	1.134	0.073	0	0	0	0
		B		7.47Y	124.5	0.00	1.50	0.00	0	0	0	100					0	0	0	0
		C		7.49Y	124.9	0.00	1.14	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\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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	7.41Y	123.4	0.00	2.57	0.70	0	5	2	93	0.00	0.0	1.737	0.000	5	2	1	1
075548	PL.4982	A	Consumer	7.41Y	123.4	0.00	2.57	0.80	0	6	2	95	0.00	0.0	1.737	0.000	6	2	1	1
075538	PL.4982	A	Consumer	7.41Y	123.4	0.00	2.57	0.00	0	0	0	100	0.00	0.0	1.737	0.000	0	0	0	0
075505	PL.4982	A	Consumer	7.41Y	123.4	0.00	2.57	1.33	0	9	4	91	0.00	0.0	1.737	0.000	9	4	1	1
075549	PL.4982	A	Consumer	7.41Y	123.4	0.00	2.57	0.00	0	0	0	100	0.00	0.0	1.737	0.000	0	0	0	0
075567	PL.4982	A	Consumer	7.41Y	123.4	0.00	2.57	1.97	0	14	5	94	0.00	0.0	1.737	0.000	14	5	1	1
PL.4983	PL.4982	A	4ACSR	7.41Y	123.4	0.01	2.57	1.81	2	12	5	92	0.00	0.0	1.810	0.073	0	0	0	4
075574	PL.4983	A	Consumer	7.41Y	123.4	0.00	2.57	0.84	0	6	2	95	0.00	0.0	1.810	0.000	6	2	1	1
PL.4984	PL.4983	A	4ACSR	7.41Y	123.4	0.00	2.57	0.97	1	7	3	92	0.00	0.0	1.842	0.032	0	0	0	3
PL.5012	PL.4984	A	4ACSR	7.41Y	123.4	0.00	2.57	0.52	0	4	1	97	0.00	0.0	1.879	0.037	0	0	0	1
075598	PL.5012	A	Consumer	7.41Y	123.4	0.00	2.57	0.52	0	4	1	97	0.00	0.0	1.879	0.000	4	1	1	1
0755116	PL.4984	A	Consumer	7.41Y	123.4	0.00	2.57	0.01	0	0	0	100	0.00	0.0	1.842	0.000	0	0	1	1
075582	PL.4984	A	Consumer	7.41Y	123.4	0.00	2.57	0.44	0	3	1	95	0.00	0.0	1.842	0.000	3	1	1	1
PL.8272	PL.8265	A	4ACSR	7.40Y	123.4	0.07	2.61	26.85	23	185	73	93	0.10	0.1	1.688	0.060	0	0	0	48
075527	PL.8272	A	Consumer	7.40Y	123.4	0.00	2.61	0.16	0	1	0	100	0.00	0.0	1.688	0.000	1	0	1	1
PL.12789	PL.8272	A	4ACSR	7.40Y	123.3	0.05	2.66	26.69	22	184	72	93	0.07	0.0	1.729	0.042	0	0	0	47
PL.15250	PL.12789	A	4ACSR	7.40Y	123.3	0.00	2.66	0.00	0	0	0	100	0.00	0.0	1.735	0.006	0	0	0	2
PD.1758	PL.15250	A	fuse6AMP	7.40Y	123.3	0.00	2.66	0.00	0	0	0	100	0.00	0.0	1.735	0.000	0	0	0	2
PL.15251	PD.1758	A	4ACSR	7.40Y	123.3	-0.00	2.66	0.00	0	0	0	100	0.00	0.0	1.780	0.045	0	0	0	2
075572	PL.15251	A	Consumer	7.40Y	123.3	0.00	2.66	0.00	0	0	0	100	0.00	0.0	1.780	0.000	0	0	1	1
075544	PL.15251	A	Consumer	7.40Y	123.3	0.00	2.66	0.00	0	0	0	100	0.00	0.0	1.780	0.000	0	0	1	1
PL.15252	PL.12789	A	4ACSR	7.40Y	123.3	0.04	2.70	25.00	21	172	68	93	0.05	0.0	1.764	0.034	0	0	0	42
PD.16-A	PL.15252	A	Closed	7.40Y	123.3	0.00	2.70	25.00	0	172	68	93	0.00	0.0	1.764	0.000	0	0	0	42
PD.16-B	PD.16-A	A	Closed	7.40Y	123.3	0.00	2.70	25.00	0	172	68	93	0.00	0.0	1.764	0.000	0	0	0	42
PL.15253	PD.16-B	A	4ACSR	7.40Y	123.3	0.01	2.70	25.00	21	172	68	93	0.01	0.0	1.769	0.005	0	0	0	42
PL.15294	PL.15253	A	4ACSR	7.40Y	123.3	0.00	2.70	0.39	0	3	1	95	0.00	0.0	1.775	0.006	0	0	0	1
PD.1759	PL.15294	A	fuse6AMP	7.40Y	123.3	0.00	2.70	0.39	7	3	1	95	0.00	0.0	1.775	0.000	0	0	0	1
PL.26740	PD.1759	A	4ACSR	7.40Y	123.3	0.00	2.71	0.39	0	3	1	95	0.00	0.0	1.840	0.065	0	0	0	1
075599	PL.26740	A	Consumer	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	1.840	0.000	0	0	0	0
075529	PL.26740	A	Consumer	7.40Y	123.3	0.00	2.71	0.39	0	3	1	95	0.00	0.0	1.840	0.000	3	1	1	1
PL.12790	PL.15253	A	4ACSR	7.39Y	123.2	0.06	2.77	24.61	21	170	66	93	0.08	0.0	1.827	0.058	0	0	0	41
PL.12791	PL.12790	A	4ACSR	7.39Y	123.1	0.08	2.85	22.84	19	157	62	93	0.10	0.1	1.908	0.081	0	0	0	38
075551	PL.12791	A	Consumer	7.39Y	123.1	0.00	2.85	0.72	0	5	2	93	0.00	0.0	1.908	0.000	5	2	1	1
PL.8271	PL.12791	A	4ACSR	7.39Y	123.1	0.05	2.91	22.11	19	152	60	93	0.06	0.0	1.959	0.052	0	0	0	37
PL.8270	PL.8271	A	4ACSR	7.38Y	123.0	0.10	3.01	22.11	19	152	60	93	0.11	0.1	2.058	0.098	0	0	0	36
PL.12792	PL.8270	A	4ACSR	7.38Y	123.0	0.01	3.01	22.11	19	152	60	93	0.01	0.0	2.064	0.006	0	0	0	36
PL.24276	PL.12792	A	4ACSR	7.38Y	123.0	0.00	3.01	0.00	0	0	0	100	0.00	0.0	2.310	0.246	0	0	0	0
PL.12793	PL.12792	A	4ACSR	7.38Y	123.0	0.02	3.03	21.73	18	149	58	93	0.02	0.0	2.082	0.019	0	0	0	34

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.8282	PL.12793	A	4ACSR	7.38Y	122.9	0.03	3.06	21.73	18	149	58	93	0.03	0.0	2.108	0.026	0	0	0	34
075531	PL.8282	A	Consumer	7.38Y	122.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	2.108	0.000	0	0	0	0
075568	PL.8282	A	Consumer	7.38Y	122.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	2.108	0.000	0	0	0	0
075554	PL.8282	A	Consumer	7.38Y	122.9	0.00	3.06	0.65	0	4	2	89	0.00	0.0	2.108	0.000	4	2	1	1
075518	PL.8282	A	Consumer	7.38Y	122.9	0.00	3.06	0.69	0	5	2	93	0.00	0.0	2.108	0.000	5	2	1	1
075558	PL.8282	A	Consumer	7.38Y	122.9	0.00	3.06	0.33	0	2	1	89	0.00	0.0	2.108	0.000	2	1	1	1
PL.12794	PL.8282	A	4ACSR	7.37Y	122.9	0.08	3.14	20.05	17	138	54	93	0.08	0.1	2.195	0.087	0	0	0	31
PL.36556	PL.12794	A	4ACSR	7.37Y	122.8	0.03	3.17	17.84	15	122	48	93	0.03	0.0	2.230	0.035	0	0	0	26
075533	PL.36556	A	Consumer	7.37Y	122.8	0.00	3.17	1.02	0	7	3	92	0.00	0.0	2.230	0.000	7	3	1	1
PL.36557	PL.36556	A	4ACSR	7.37Y	122.8	0.04	3.20	16.81	14	115	45	93	0.03	0.0	2.276	0.046	0	0	0	25
PL.14429	PL.36557	A	4ACSR	7.37Y	122.8	0.00	3.20	16.24	14	111	44	93	0.00	0.0	2.282	0.005	0	0	0	23
PD.3440	PL.14429	A	35V4E	7.37Y	122.8	0.00	3.20	16.24	46	111	44	93	0.00	0.0	2.282	0.000	0	0	0	23
PL.15088	PD.3440	A	4ACSR	7.36Y	122.7	0.05	3.26	16.24	14	111	44	93	0.05	0.0	2.355	0.074	0	0	0	23
PL.12796	PL.15088	A	4ACSR	7.36Y	122.7	0.00	3.26	16.24	14	111	44	93	0.00	0.0	2.356	0.001	0	0	0	23
PL.19872	PL.12796	A	4ACSR	7.36Y	122.7	0.04	3.30	14.41	12	99	39	93	0.03	0.0	2.410	0.054	0	0	0	21
075414	PL.19872	A	Consumer	7.36Y	122.7	0.00	3.30	1.06	0	7	3	92	0.00	0.0	2.410	0.000	7	3	1	1
PL.19873	PL.19872	A	4ACSR	7.36Y	122.7	0.03	3.32	13.36	11	92	36	93	0.02	0.0	2.457	0.047	0	0	0	20
PL.8273	PL.19873	A	4ACSR	7.36Y	122.6	0.03	3.35	12.05	10	83	32	93	0.02	0.0	2.509	0.052	0	0	0	19
PL.8269	PL.8273	A	4ACSR	7.36Y	122.6	0.02	3.37	8.19	7	56	22	93	0.01	0.0	2.562	0.053	0	0	0	14
PL.12797	PL.8269	A	4ACSR	7.36Y	122.6	0.01	3.38	6.53	5	45	18	93	0.00	0.0	2.585	0.024	0	0	0	11
PL.20140	PL.12797	A	4ACSR	7.36Y	122.6	0.00	3.38	1.63	1	11	4	94	0.00	0.0	2.639	0.054	0	0	0	3
075441	PL.20140	A	Consumer	7.36Y	122.6	0.00	3.38	0.52	0	4	1	97	0.00	0.0	2.639	0.000	4	1	1	1
PL.20141	PL.20140	A	4ACSR	7.36Y	122.6	0.00	3.38	1.11	1	8	3	94	0.00	0.0	2.640	0.000	0	0	0	2
PL.8274	PL.20141	A	4ACSR	7.36Y	122.6	0.00	3.38	0.28	0	2	1	89	0.00	0.0	2.677	0.037	0	0	0	1
075451	PL.8274	A	Consumer	7.36Y	122.6	0.00	3.38	0.00	0	0	0	100	0.00	0.0	2.677	0.000	0	0	0	0
PL.8275	PL.8274	A	4ACSR	7.36Y	122.6	0.00	3.39	0.28	0	2	1	89	0.00	0.0	2.860	0.183	0	0	0	1
075404	PL.8275	A	Consumer	7.36Y	122.6	0.00	3.39	0.28	0	2	1	89	0.00	0.0	2.860	0.000	2	1	1	1
PL.4970	PL.20141	A	4ACSR	7.36Y	122.6	0.00	3.39	0.84	1	6	2	95	0.00	0.0	2.760	0.121	0	0	0	1
PL.4971	PL.4970	A	4ACSR	7.36Y	122.6	0.00	3.39	0.84	1	6	2	95	0.00	0.0	2.801	0.040	0	0	0	1
075416	PL.4971	A	Consumer	7.36Y	122.6	0.00	3.39	0.84	0	6	2	95	0.00	0.0	2.801	0.000	6	2	1	1
075407	PL.4971	A	Consumer	7.36Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	2.801	0.000	0	0	0	0
075448	PL.12797	A	Consumer	7.36Y	122.6	0.00	3.38	0.00	0	0	0	100	0.00	0.0	2.585	0.000	0	0	0	0
075447	PL.12797	A	Consumer	7.36Y	122.6	0.00	3.38	0.71	0	5	2	93	0.00	0.0	2.585	0.000	5	2	1	1
075430	PL.12797	A	Consumer	7.36Y	122.6	0.00	3.38	0.65	0	4	2	89	0.00	0.0	2.585	0.000	4	2	1	1
075433	PL.12797	A	Consumer	7.36Y	122.6	0.00	3.38	0.00	0	0	0	100	0.00	0.0	2.585	0.000	0	0	1	1
PL.26085	PL.12797	A	4ACSR	7.36Y	122.6	0.01	3.39	3.54	3	24	9	94	0.00	0.0	2.668	0.083	0	0	0	5
PL.34912	PL.26085	A	4ACSR	7.36Y	122.6	0.00	3.39	0.33	0	2	1	89	0.00	0.0	2.685	0.018	0	0	0	2
PD.5005	PL.34912	A	fuse6AMP	7.36Y	122.6	0.00	3.39	0.33	6	2	1	89	0.00	0.0	2.685	0.000	0	0	0	2

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.34913	PD.5005	A	4ACSR	7.36Y	122.6	0.00	3.39	0.33	0	2	1	89	0.00	0.0	2.752	0.066	0	0	0	2
075440	PL.34913	A	Consumer	7.36Y	122.6	0.00	3.39	0.27	0	2	1	89	0.00	0.0	2.752	0.000	2	1	1	1
075439	PL.34913	A	Consumer	7.36Y	122.6	0.00	3.39	0.05	0	0	0	100	0.00	0.0	2.752	0.000	0	0	1	1
075442	PL.34913	A	Consumer	7.36Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	2.752	0.000	0	0	0	0
PL.20089	PL.26085	A	4ACSR	7.36Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	2.760	0.092	0	0	0	0
075425	PL.26085	A	Consumer	7.36Y	122.6	0.00	3.39	1.48	0	10	4	93	0.00	0.0	2.668	0.000	10	4	1	1
075454	PL.26085	A	Consumer	7.36Y	122.6	0.00	3.39	1.28	0	9	3	95	0.00	0.0	2.668	0.000	9	3	1	1
075410	PL.26085	A	Consumer	7.36Y	122.6	0.00	3.39	0.45	0	3	1	95	0.00	0.0	2.668	0.000	3	1	1	1
075459	PL.8269	A	Consumer	7.36Y	122.6	0.00	3.37	0.77	0	5	2	93	0.00	0.0	2.562	0.000	5	2	1	1
075427	PL.8269	A	Consumer	7.36Y	122.6	0.00	3.37	0.55	0	4	1	97	0.00	0.0	2.562	0.000	4	1	1	1
075426	PL.8269	A	Consumer	7.36Y	122.6	0.00	3.37	0.33	0	2	1	89	0.00	0.0	2.562	0.000	2	1	1	1
075436	PL.8273	A	Consumer	7.36Y	122.6	0.00	3.35	0.24	0	2	1	89	0.00	0.0	2.509	0.000	2	1	1	1
075421	PL.8273	A	Consumer	7.36Y	122.6	0.00	3.35	1.20	0	8	3	94	0.00	0.0	2.509	0.000	8	3	1	1
075434	PL.8273	A	Consumer	7.36Y	122.6	0.00	3.35	0.46	0	3	1	95	0.00	0.0	2.509	0.000	3	1	1	1
075445	PL.8273	A	Consumer	7.36Y	122.6	0.00	3.35	0.92	0	6	2	95	0.00	0.0	2.509	0.000	6	2	1	1
075449	PL.8273	A	Consumer	7.36Y	122.6	0.00	3.35	1.05	0	7	3	92	0.00	0.0	2.509	0.000	7	3	1	1
075452	PL.19873	A	Consumer	7.36Y	122.7	0.00	3.32	1.30	0	9	3	95	0.00	0.0	2.457	0.000	9	3	1	1
075415	PL.12796	A	Consumer	7.36Y	122.7	0.00	3.26	0.88	0	6	2	95	0.00	0.0	2.356	0.000	6	2	1	1
075405	PL.12796	A	Consumer	7.36Y	122.7	0.00	3.26	0.95	0	7	3	92	0.00	0.0	2.356	0.000	7	3	1	1
PL.14427	PL.36557	A	4ACSR	7.37Y	122.8	0.00	3.20	0.57	0	4	2	89	0.00	0.0	2.282	0.006	0	0	0	1
PD.2248	PL.14427	A	fuse6AMP	7.37Y	122.8	0.00	3.20	0.57	10	4	2	89	0.00	0.0	2.282	0.000	0	0	0	1
PL.14428	PD.2248	A	4ACSR	7.37Y	122.8	0.00	3.20	0.57	0	4	2	89	0.00	0.0	2.351	0.069	0	0	0	1
PL.4978	PL.14428	A	4ACSR	7.37Y	122.8	0.00	3.20	0.57	0	4	2	89	0.00	0.0	2.420	0.070	0	0	0	1
PL.4979	PL.4978	A	4ACSR	7.37Y	122.8	0.00	3.21	0.57	0	4	2	89	0.00	0.0	2.472	0.052	0	0	0	1
PL.4980	PL.4979	A	4ACSR	7.37Y	122.8	0.00	3.21	0.57	0	4	2	89	0.00	0.0	2.495	0.023	0	0	0	1
PL.24278	PL.4980	A	4ACSR	7.37Y	122.8	0.00	3.21	0.57	0	4	2	89	0.00	0.0	2.579	0.084	0	0	0	1
PL.24279	PL.24278	A	4ACSR	7.37Y	122.8	0.00	3.21	0.57	0	4	2	89	0.00	0.0	2.656	0.077	0	0	0	1
074419	PL.24279	A	Consumer	7.37Y	122.8	0.00	3.21	0.57	0	4	2	89	0.00	0.0	2.656	0.000	4	2	1	1
075403	PL.36557	A	Consumer	7.37Y	122.8	0.00	3.20	0.00	0	0	0	100	0.00	0.0	2.276	0.000	0	0	0	0
075465	PL.36557	A	Consumer	7.37Y	122.8	0.00	3.20	0.00	0	0	0	100	0.00	0.0	2.276	0.000	0	0	1	1
075541	PL.12794	A	Consumer	7.37Y	122.9	0.00	3.14	0.53	0	4	1	97	0.00	0.0	2.195	0.000	4	1	1	1
0755117	PL.12794	A	Consumer	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	2.195	0.000	0	0	0	1
075573	0755117	A	Consumer	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	2.195	0.000	0	0	1	1
075550	PL.12794	A	Consumer	7.37Y	122.9	0.00	3.14	0.78	0	5	2	93	0.00	0.0	2.195	0.000	5	2	1	1
PL.14425	PL.12794	A	4ACSR	7.37Y	122.9	0.00	3.14	0.90	1	6	2	95	0.00	0.0	2.201	0.006	0	0	0	2
PD.1762	PL.14425	A	fuse6AMP	7.37Y	122.9	0.00	3.14	0.90	15	6	2	95	0.00	0.0	2.201	0.000	0	0	0	2
PL.14426	PD.1762	A	4ACSR	7.37Y	122.9	0.01	3.14	0.90	1	6	2	95	0.00	0.0	2.344	0.143	0	0	0	2
0755113	PL.14426	A	Consumer	7.37Y	122.9	0.00	3.14	0.35	0	2	1	89	0.00	0.0	2.344	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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.15245, PL.24277, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 (HARDWICK1) beginning with Device OCD43.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

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

		Units Displayed In Volts														-----Element-----				
		-Base Voltage:120.0-																		
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	KW	KVAR	Cons On	Cons Thru
SW29-A	OH27	A	Open	7.56Y	126.0	0.00	-0.04	0.00	0	0	0	100	0.00	0.0	0.244	0.000	0	0	0	0
		B		7.55Y	125.9	0.00	0.10	0.00	0	0	0	100					0	0	0	0
		C		7.55Y	125.9	0.00	0.09	0.00	0	0	0	100					0	0	0	0
PL.30824	OH38	A	336ACSR	7.56Y	126.0	-0.00	-0.04	3.36	1	24	9	94	0.00	0.0	0.248	0.004	0	0	0	7
		B		7.55Y	125.9	0.00	0.10	25.61	6	180	71	93					0	0	0	42
		C		7.55Y	125.9	0.00	0.09	41.34	9	285	128	91					0	0	0	51
PD.513-B	PL.30824	A	Closed	7.56Y	126.0	0.00	-0.04	3.36	0	24	9	94	0.00	0.0	0.248	0.000	0	0	0	7
		B		7.55Y	125.9	0.00	0.10	25.61	0	180	71	93					0	0	0	42
		C		7.55Y	125.9	0.00	0.09	41.34	0	285	128	91					0	0	0	51
PD.513-A	PD.513-B	A	Closed	7.56Y	126.0	0.00	-0.04	3.36	0	24	9	94	0.00	0.0	0.248	0.000	0	0	0	7
		B		7.55Y	125.9	0.00	0.10	25.61	0	180	71	93					0	0	0	42
		C		7.55Y	125.9	0.00	0.09	41.34	0	285	128	91					0	0	0	51
PL.15311	PD.513-A	A	1/0ACSR	7.56Y	126.1	-0.03	-0.07	3.36	2	24	9	94	0.26	0.1	0.360	0.113	0	0	0	7
		B		7.55Y	125.8	0.08	0.18	25.61	13	180	71	93					0	0	0	42
		C		7.55Y	125.8	0.09	0.19	41.34	21	285	128	91					0	0	0	51
PL.12732	PL.15311	A	1/0ACSR	7.57Y	126.1	-0.02	-0.09	3.36	2	24	9	94	0.24	0.0	0.466	0.105	0	0	0	7
		B		7.55Y	125.8	0.07	0.25	25.61	13	180	71	93					0	0	0	42
		C		7.54Y	125.7	0.09	0.28	41.16	20	283	128	91					0	0	0	48
PL.12733	PL.12732	A	1/0ACSR	7.57Y	126.1	-0.02	-0.12	3.36	2	24	9	94	0.25	0.1	0.578	0.112	0	0	0	7
		B		7.54Y	125.7	0.08	0.33	25.61	13	180	71	93					0	0	0	42
		C		7.54Y	125.6	0.09	0.37	40.50	20	278	126	91					0	0	0	47
PL.12735	PL.12733	A	1/0ACSR	7.57Y	126.1	-0.02	-0.13	3.36	2	24	9	94	0.17	0.0	0.653	0.075	0	0	0	7
		B		7.54Y	125.6	0.05	0.38	25.61	13	179	71	93					0	0	0	42
		C		7.53Y	125.6	0.06	0.43	40.50	20	278	125	91					0	0	0	47
PL.12734	PL.12735	A	1/0ACSR	7.57Y	126.1	-0.02	-0.15	3.36	2	24	9	94	0.15	0.0	0.724	0.071	0	0	0	7
		B		7.53Y	125.6	0.05	0.43	25.61	13	179	71	93					0	0	0	42
		C		7.53Y	125.5	0.06	0.49	39.80	20	273	123	91					0	0	0	45
PL.12736	PL.12734	A	1/0ACSR	7.57Y	126.2	-0.01	-0.16	3.36	2	24	9	94	0.14	0.0	0.789	0.065	0	0	0	7
		B		7.53Y	125.5	0.05	0.48	25.61	13	179	71	93					0	0	0	42
		C		7.53Y	125.5	0.05	0.54	39.80	20	273	123	91					0	0	0	45
PL.12737	PL.12736	A	1/0ACSR	7.57Y	126.2	-0.02	-0.18	3.36	2	24	9	94	0.15	0.0	0.860	0.071	0	0	0	7
		B		7.53Y	125.5	0.05	0.52	24.64	12	172	68	93					0	0	0	41
		C		7.52Y	125.4	0.06	0.60	39.80	20	273	123	91					0	0	0	45
PL.12738	PL.12737	A	1/0ACSR	7.57Y	126.2	-0.03	-0.21	2.11	1	15	6	93	0.22	0.0	0.969	0.109	0	0	0	6
		B		7.52Y	125.4	0.07	0.59	22.28	11	156	62	93					0	0	0	37
		C		7.52Y	125.3	0.09	0.69	39.80	20	273	123	91					0	0	0	45
PL.12553	PL.12738	A	1/0ACSR	7.57Y	126.2	-0.04	-0.25	2.11	1	15	6	93	0.32	0.1	1.157	0.188	0	0	0	6
		B		7.52Y	125.3	0.12	0.71	22.28	11	156	62	93					0	0	0	37
		C		7.51Y	125.2	0.14	0.82	35.52	18	243	111	91					0	0	0	39
PL.12556	PL.12553	A	1/0ACSR	7.58Y	126.3	-0.00	-0.25	2.11	1	15	6	93	0.04	0.0	1.183	0.026	0	0	0	6
		B		7.52Y	125.3	0.02	0.72	22.28	11	156	62	93					0	0	0	37
		C		7.51Y	125.2	0.02	0.84	31.46	16	214	99	91					0	0	0	34
PL.12555	PL.12556	A	1/0ACSR	7.58Y	126.3	-0.01	-0.26	2.11	1	15	6	93	0.10	0.0	1.255	0.072	0	0	0	6
		B		7.51Y	125.2	0.04	0.76	21.21	11	148	59	93					0	0	0	35
		C		7.51Y	125.1	0.05	0.88	31.46	16	214	99	91					0	0	0	34
PL.20080	PL.12555	A	1/0ACSR	7.58Y	126.3	-0.01	-0.28	2.11	1	15	6	93	0.09	0.0	1.322	0.067	0	0	0	6
		B		7.51Y	125.2	0.04	0.80	20.74	10	145	58	93					0	0	0	33
		C		7.50Y	125.1	0.04	0.93	31.46	16	214	99	91					0	0	0	34
PL.20081	PL.20080	A	1/0ACSR	7.58Y	126.3	-0.01	-0.28	2.11	1	15	6	93	0.05	0.0	1.363	0.042	0	0	0	6
		B		7.51Y	125.2	0.02	0.82	19.44	10	136	54	93					0	0	0	30
		C		7.50Y	125.0	0.03	0.95	31.46	16	214	99	91					0	0	0	34
PL.12557	PL.20081	A	1/0ACSR	7.58Y	126.3	-0.01	-0.30	2.11	1	15	6	93	0.10	0.0	1.446	0.083	0	0	0	6
		B		7.51Y	125.1	0.04	0.87	18.94	9	132	53	93					0	0	0	29
		C		7.50Y	125.0	0.05	1.00	29.86	15	203	95	91					0	0	0	31
PL.20083	PL.12557	A	1/0ACSR	7.58Y	126.3	-0.01	-0.31	2.11	1	15	6	93	0.06	0.0	1.499	0.053	0	0	0	6
		B		7.51Y	125.1	0.03	0.89	18.94	9	132	53	93					0	0	0	29
		C		7.50Y	125.0	0.03	1.04	29.86	15	203	95	91					0	0	0	31

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.20082, RG.25, PL.15392, PD.2125, PL.15391, PL.12559, PL.8171, PL.15396, PD.510-B, PD.510-A, PL.15395, PL.24299, PL.24300, PL.20084, PL.20085, PL.20086, PL.22706, PL.19189, PL.24301.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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 rows for elements 516918 through 517808.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 517819, 517810, 518803, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.4905, PL.4906, PL.4907, PL.4607, PL.4310, PL.4676, 072524, 072507, 072526, PL.15080, PD.2134, PL.15081, PL.12558, PL.8206, 073514, PL.8210, PL.8211, 073521, 073523, 073503, 073539, 073529, 073519, 073525, 073520, 073526, 073536, 073515, 073530, 073532, PL.15078, PD.2135.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 CWP.WM\
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	Length (mi)			KW
073540	PL.24464	B	Consumer	7.53Y	125.5	0.00	0.54	1.30	0	9	4	91	0.00	0.0	1.086	0.000	9	4	1	1
073543	PL.24464	B	Consumer	7.53Y	125.5	0.00	0.54	0.19	0	1	1	71	0.00	0.0	1.086	0.000	1	1	1	1
073502	PL.12736	B	Consumer	7.53Y	125.5	0.00	0.48	0.97	0	7	3	92	0.00	0.0	0.789	0.000	7	3	1	1
PL.15072	PL.12735	C	4ACSR	7.53Y	125.6	0.00	0.43	0.70	1	5	2	93	0.00	0.0	0.658	0.005	0	0	0	2
PD.2198	PL.15072	C	fuse6AMP	7.53Y	125.6	0.00	0.43	0.70	12	5	2	93	0.00	0.0	0.658	0.000	0	0	0	2
PL.15073	PD.2198	C	4ACSR	7.53Y	125.6	0.00	0.43	0.70	1	5	2	93	0.00	0.0	0.770	0.111	0	0	0	2
0735044	PL.15073	C	Consumer	7.53Y	125.6	0.00	0.43	0.47	0	3	1	95	0.00	0.0	0.770	0.000	3	1	1	1
073509	PL.15073	C	Consumer	7.53Y	125.6	0.00	0.43	0.23	0	2	1	89	0.00	0.0	0.770	0.000	2	1	1	1
073507	PL.15073	C	Consumer	7.53Y	125.6	0.00	0.43	0.00	0	0	0	100	0.00	0.0	0.770	0.000	0	0	0	0
PL.15070	PL.12733	A	4ACSR	7.57Y	126.1	0.00	-0.12	0.00	0	0	0	100	0.00	0.0	0.583	0.005	0	0	0	0
PD.2136	PL.15070	A	fuse6AMP	7.57Y	126.1	0.00	-0.12	0.00	0	0	0	100	0.00	0.0	0.583	0.000	0	0	0	0
PL.15071	PD.2136	A	4ACSR	7.57Y	126.1	0.00	-0.12	0.00	0	0	0	100	0.00	0.0	0.622	0.038	0	0	0	0
PL.15068	PL.12732	C	4ACSR	7.54Y	125.7	0.00	0.28	0.66	1	5	2	93	0.00	0.0	0.471	0.005	0	0	0	1
PD.2137	PL.15068	C	fuse6AMP	7.54Y	125.7	0.00	0.28	0.66	11	5	2	93	0.00	0.0	0.471	0.000	0	0	0	1
PL.15069	PD.2137	C	4ACSR	7.54Y	125.7	0.00	0.28	0.66	1	5	2	93	0.00	0.0	0.529	0.058	0	0	0	1
073518	PL.15069	C	Consumer	7.54Y	125.7	0.00	0.28	0.66	0	5	2	93	0.00	0.0	0.529	0.000	5	2	1	1
PL.15066	PL.15311	C	4ACSR	7.55Y	125.8	0.00	0.19	0.18	0	1	0	100	0.00	0.0	0.366	0.005	0	0	0	3
PD.2139	PL.15066	C	fuse6AMP	7.55Y	125.8	0.00	0.19	0.18	3	1	0	100	0.00	0.0	0.366	0.000	0	0	0	3
PL.15067	PD.2139	C	4ACSR	7.55Y	125.8	0.00	0.19	0.18	0	1	0	100	0.00	0.0	0.581	0.216	0	0	0	3
PL.3961	PL.15067	C	4ACSR	7.55Y	125.8	0.00	0.19	0.18	0	1	0	100	0.00	0.0	0.649	0.068	0	0	0	3
074605	PL.3961	C	Consumer	7.55Y	125.8	0.00	0.19	0.11	0	1	0	100	0.00	0.0	0.649	0.000	1	0	1	1
PL.3963	PL.3961	C	4ACSR	7.55Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.748	0.099	0	0	0	1
074607	PL.3963	C	Consumer	7.55Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.748	0.000	0	0	1	1
074610	PL.3963	C	Consumer	7.55Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.748	0.000	0	0	0	0
PL.3964	PL.3961	C	4ACSR	7.55Y	125.8	0.00	0.19	0.07	0	0	0	100	0.00	0.0	0.708	0.059	0	0	0	1
PL.3962	PL.3964	C	4ACSR	7.55Y	125.8	0.00	0.19	0.07	0	0	0	100	0.00	0.0	0.761	0.053	0	0	0	1
074608	PL.3962	C	Consumer	7.55Y	125.8	0.00	0.19	0.07	0	0	0	100	0.00	0.0	0.761	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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	3350	0	0	0	0	0	61	0.00		3411
KVAR	1344	0	-329	0	0	0	65			1080

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 122.61 volts on PL.34913	3.39 volts on PL.34913	0.32 volts on RG.25
B-Phase -> 120.41 volts on PL.44285	5.59 volts on PL.44285	0.58 volts on PL.44344
C-Phase -> 123.18 volts on PL.8175	2.82 volts on PL.8175	0.31 volts on PL.46028

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 (HIGHROCK1) beginning with device PD.3933.

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.1809	PL.26846	A	fuse6AMP	7.48Y	124.7	0.00	1.32	0.88	15	6	2	95	0.00	0.0	0.896	0.000	0	0	0	1
PL.26847	PD.1809	A	4ACSR	7.48Y	124.7	0.00	1.33	0.88	1	6	2	95	0.00	0.0	0.969	0.074	0	0	0	1
086614	PL.26847	A	Consumer	7.48Y	124.7	0.00	1.33	0.88	0	6	2	95	0.00	0.0	0.969	0.000	6	2	1	1
PL.26844	PL.8465	A	4ACSR	7.48Y	124.7	0.00	1.32	0.51	0	4	1	97	0.00	0.0	0.894	0.010	0	0	0	1
PD.1808	PL.26844	A	fuse6AMP	7.48Y	124.7	0.00	1.32	0.51	9	4	1	97	0.00	0.0	0.894	0.000	0	0	0	1
PL.26845	PD.1808	A	4ACSR	7.48Y	124.7	0.00	1.32	0.51	0	4	1	97	0.00	0.0	0.960	0.066	0	0	0	1
086636	PL.26845	A	Consumer	7.48Y	124.7	0.00	1.32	0.00	0	0	0	100	0.00	0.0	0.960	0.000	0	0	0	0
086634	PL.26845	A	Consumer	7.48Y	124.7	0.00	1.32	0.51	0	4	1	97	0.00	0.0	0.960	0.000	4	1	1	1
PL.8466	PL.8465	A	4ACSR	7.48Y	124.6	0.09	1.41	40.51	34	282	110	93	0.19	0.1	0.933	0.049	0	0	0	83
086641	PL.8466	A	Consumer	7.48Y	124.6	0.00	1.41	0.91	0	6	2	95	0.00	0.0	0.933	0.000	6	2	1	1
PL.14199	PL.8466	A	4ACSR	7.47Y	124.5	0.08	1.49	39.60	33	276	108	93	0.16	0.1	0.975	0.042	0	0	0	82
PL.26842	PL.14199	A	4ACSR	7.47Y	124.5	0.00	1.49	0.94	1	7	3	92	0.00	0.0	0.984	0.009	0	0	0	3
PD.1810	PL.26842	A	fuse6AMP	7.47Y	124.5	0.00	1.49	0.94	16	7	3	92	0.00	0.0	0.984	0.000	0	0	0	3
PL.26843	PD.1810	A	4ACSR	7.47Y	124.5	0.00	1.49	0.94	1	7	3	92	0.00	0.0	1.014	0.031	0	0	0	3
PL.8459	PL.26843	A	4ACSR	7.47Y	124.5	0.00	1.50	0.94	1	7	3	92	0.00	0.0	1.102	0.088	0	0	0	3
PL.8460	PL.8459	A	4ACSR	7.47Y	124.5	0.00	1.50	0.20	0	1	1	71	0.00	0.0	1.140	0.038	0	0	0	1
086625	PL.8460	A	Consumer	7.47Y	124.5	0.00	1.50	0.20	0	1	1	71	0.00	0.0	1.140	0.000	1	1	1	1
086639	PL.8459	A	Consumer	7.47Y	124.5	0.00	1.50	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	1.50	0.74	0	5	2	93	0.00	0.0	1.102	0.000	5	2	1	1
PL.18349	PL.14199	A	4ACSR	7.47Y	124.5	0.01	1.50	37.39	31	260	102	93	0.02	0.0	0.980	0.005	0	0	0	75
PL.18350	PL.18349	A	4ACSR	7.47Y	124.5	0.01	1.51	37.39	31	260	102	93	0.01	0.0	0.984	0.004	0	0	0	75
PL.45365	PL.18350	A	4ACSR	7.47Y	124.5	0.02	1.53	37.39	31	260	102	93	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	1.53	37.39	0	260	102	93	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	1.53	37.39	0	260	102	93	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	1.54	37.39	31	260	102	93	0.02	0.0	1.004	0.006	0	0	0	75
PL.45368	PL.45367	A	4ACSR	7.46Y	124.3	0.13	1.67	37.39	31	260	102	93	0.25	0.1	1.080	0.076	0	0	0	75
086635	PL.45368	A	Consumer	7.46Y	124.3	0.00	1.67	1.20	0	8	3	94	0.00	0.0	1.080	0.000	8	3	1	1
086640	PL.45368	A	Consumer	7.46Y	124.3	0.00	1.67	0.38	0	3	1	95	0.00	0.0	1.080	0.000	3	1	1	1
086617	PL.45368	A	Consumer	7.46Y	124.3	0.00	1.67	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	1.84	35.80	30	249	97	93	0.31	0.1	1.182	0.102	0	0	0	72
PL.27745	PL.14200	A	4ACSR	7.45Y	124.2	0.00	1.84	1.78	1	12	5	92	0.00	0.0	1.196	0.014	0	0	0	2
PD.1811	PL.27745	A	fuse6AMP	7.45Y	124.2	0.00	1.84	1.78	30	12	5	92	0.00	0.0	1.196	0.000	0	0	0	2
PL.27746	PD.1811	A	4ACSR	7.45Y	124.2	0.01	1.85	1.78	1	12	5	92	0.00	0.0	1.283	0.087	0	0	0	2
086620	PL.27746	A	Consumer	7.45Y	124.2	0.00	1.85	0.98	0	7	3	92	0.00	0.0	1.283	0.000	7	3	1	1
086638	PL.27746	A	Consumer	7.45Y	124.2	0.00	1.85	0.80	0	6	2	95	0.00	0.0	1.283	0.000	6	2	1	1
PL.19877	PL.14200	A	4ACSR	7.45Y	124.1	0.03	1.87	34.02	29	236	92	93	0.05	0.0	1.202	0.020	0	0	0	70
PL.19878	PL.19877	A	4ACSR	7.44Y	124.1	0.08	1.94	33.43	28	232	91	93	0.13	0.1	1.251	0.049	0	0	0	69
PL.14201	PL.19878	A	4ACSR	7.44Y	124.0	0.03	1.98	33.43	28	232	90	93	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\SUMMER\PROPOSED SUMMER 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	124.0	0.00	1.98	1.23	0	9	3	95	0.00	0.0	1.273	0.000	9	3	1	1
086615	PL.14201	A	Consumer	7.44Y	124.0	0.00	1.98	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	124.0	0.00	1.98	0.46	0	3	1	95	0.00	0.0	1.273	0.000	3	1	1	1
PL.45425	PL.14201	A	4ACSR	7.43Y	123.8	0.21	2.18	31.74	27	220	86	93	0.34	0.2	1.415	0.142	0	0	0	67
PL.45426	PL.45425	A	4ACSR	7.43Y	123.8	0.05	2.24	31.74	27	220	86	93	0.09	0.0	1.452	0.037	0	0	0	67
086526	PL.45426	A	Consumer	7.43Y	123.8	0.00	2.24	0.63	0	4	2	89	0.00	0.0	1.452	0.000	4	2	1	1
086529	PL.45426	A	Consumer	7.43Y	123.8	0.00	2.24	0.22	0	2	1	89	0.00	0.0	1.452	0.000	2	1	1	1
086504	PL.45426	A	Consumer	7.43Y	123.8	0.00	2.24	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	2.24	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	2.24	1.05	0	7	3	92	0.00	0.0	1.452	0.000	7	3	1	1
086502	PL.45426	A	Consumer	7.43Y	123.8	0.00	2.24	0.45	0	3	1	95	0.00	0.0	1.452	0.000	3	1	1	1
PL.14202	PL.45426	A	4ACSR	7.42Y	123.6	0.11	2.35	29.38	25	203	79	93	0.18	0.1	1.537	0.085	0	0	0	63
PL.14203	PL.14202	A	4ACSR	7.42Y	123.6	0.04	2.39	27.90	23	193	75	93	0.06	0.0	1.567	0.030	0	0	0	60
086530	PL.14203	A	Consumer	7.42Y	123.6	0.00	2.39	0.58	0	4	2	89	0.00	0.0	1.567	0.000	4	2	1	1
PL.18993	PL.14203	A	4ACSR	7.41Y	123.5	0.08	2.47	27.33	23	189	74	93	0.12	0.1	1.632	0.065	0	0	0	59
PL.18994	PL.18993	A	4ACSR	7.41Y	123.5	0.02	2.50	26.22	22	181	71	93	0.03	0.0	1.651	0.019	0	0	0	58
PL.26697	PL.18994	A	4ACSR	7.41Y	123.5	0.01	2.51	24.01	20	166	65	93	0.01	0.0	1.661	0.010	0	0	0	54
PD.759-A	PL.26697	A	Closed	7.41Y	123.5	0.00	2.51	24.01	0	166	65	93	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	2.51	24.01	0	166	65	93	0.00	0.0	1.661	0.000	0	0	0	54
PL.26698	PD.759-B	A	4ACSR	7.40Y	123.4	0.08	2.58	24.01	20	166	65	93	0.10	0.1	1.732	0.070	0	0	0	54
PL.18711	PL.26698	A	4ACSR	7.40Y	123.4	0.05	2.63	23.83	20	164	64	93	0.06	0.0	1.775	0.043	0	0	0	52
086510	PL.18711	A	Consumer	7.40Y	123.4	0.00	2.63	0.68	0	5	2	93	0.00	0.0	1.775	0.000	5	2	1	1
PL.18712	PL.18711	A	4ACSR	7.40Y	123.3	0.03	2.66	23.14	19	160	62	93	0.04	0.0	1.803	0.028	0	0	0	51
PL.14204	PL.18712	A	4ACSR	7.39Y	123.2	0.16	2.82	22.30	19	154	60	93	0.19	0.1	1.962	0.159	0	0	0	48
PL.16027	PL.14204	A	4ACSR	7.38Y	123.0	0.15	2.97	22.30	19	154	60	93	0.17	0.1	2.104	0.142	0	0	0	48
PD.761-A	PL.16027	A	Closed	7.38Y	123.0	0.00	2.97	22.30	0	153	60	93	0.00	0.0	2.104	0.000	0	0	0	48
PD.761-B	PD.761-A	A	Closed	7.38Y	123.0	0.00	2.97	22.30	0	153	60	93	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	3.04	22.30	19	153	60	93	0.08	0.1	2.174	0.070	0	0	0	48
PL.20479	PL.26694	A	4ACSR	7.37Y	122.9	0.07	3.11	22.30	19	153	60	93	0.08	0.1	2.244	0.070	0	0	0	48
PL.20480	PL.20479	A	4ACSR	7.37Y	122.8	0.12	3.23	22.30	19	153	60	93	0.13	0.1	2.357	0.113	0	0	0	48
PL.25036	PL.20480	A	4ACSR	7.35Y	122.4	0.34	3.57	22.30	19	153	60	93	0.40	0.3	2.690	0.334	0	0	0	48
PL.14205	PL.25036	A	4ACSR	7.34Y	122.4	0.07	3.64	21.52	18	147	57	93	0.08	0.1	2.761	0.071	0	0	0	47
PL.16025	PL.14205	A	4ACSR	7.34Y	122.4	0.00	3.64	1.38	1	9	4	91	0.00	0.0	2.770	0.009	0	0	0	2
PD.2281	PL.16025	A	fuse6AMP	7.34Y	122.4	0.00	3.64	1.38	24	9	4	91	0.00	0.0	2.770	0.000	0	0	0	2
PL.16026	PD.2281	A	4ACSR	7.34Y	122.4	0.01	3.64	1.38	1	9	4	91	0.00	0.0	2.858	0.088	0	0	0	2
086525	PL.16026	A	Consumer	7.34Y	122.4	0.00	3.64	1.11	0	8	3	94	0.00	0.0	2.858	0.000	8	3	1	1
PL.39420	PL.16026	A	2ACSR	7.34Y	122.4	0.00	3.65	0.27	0	2	1	89	0.00	0.0	2.997	0.139	0	0	0	1
0865035	PL.39420	A	Consumer	7.34Y	122.4	0.00	3.65	0.27	0	2	1	89	0.00	0.0	2.997	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR					Length (mi)	KW		
PL.8323	PL.14065	A	4ACSR	7.25Y	120.8	0.00	5.19	3.96	3	27	10	94	0.00	0.0	5.147	0.013	0	0	0	12
PL.17955	PL.8323	A	4ACSR	7.24Y	120.7	0.07	5.26	3.96	3	27	10	94	0.01	0.1	5.522	0.375	0	0	0	12
PL.39028	PL.17955	A	4ACSR	7.24Y	120.7	0.00	5.27	2.85	2	19	8	92	0.00	0.0	5.560	0.038	0	0	0	9
PD.6816-A	PL.39028	A	Closed	7.24Y	120.7	0.00	5.27	2.85	0	19	8	92	0.00	0.0	5.560	0.000	0	0	0	9
PD.6816-B	PD.6816-A	A	Closed	7.24Y	120.7	0.00	5.27	2.85	0	19	8	92	0.00	0.0	5.560	0.000	0	0	0	9
PL.39029	PD.6816-B	A	4ACSR	7.24Y	120.7	0.00	5.27	2.85	2	19	8	92	0.00	0.0	5.580	0.021	0	0	0	9
PL.17629	PL.39029	A	4ACSR	7.24Y	120.7	0.02	5.29	2.85	2	19	8	92	0.00	0.0	5.767	0.187	0	0	0	9
PL.17630	PL.17629	A	4ACSR	7.24Y	120.7	0.01	5.31	2.24	2	15	6	93	0.00	0.0	5.905	0.138	0	0	0	7
0883014	PL.17630	A	Consumer	7.24Y	120.7	0.00	5.31	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	5.32	2.21	2	15	6	93	0.00	0.0	6.015	0.110	0	0	0	6
PL.39032	PL.17957	A	4ACSR	7.24Y	120.7	0.00	5.32	0.49	0	3	1	95	0.00	0.0	6.027	0.013	0	0	0	1
PD.6818	PL.39032	A	fuse6AMP	7.24Y	120.7	0.00	5.32	0.49	8	3	1	95	0.00	0.0	6.027	0.000	0	0	0	1
PL.39033	PD.6818	A	4ACSR	7.24Y	120.7	0.00	5.32	0.49	0	3	1	95	0.00	0.0	6.065	0.038	0	0	0	1
088310	PL.39033	A	Consumer	7.24Y	120.7	0.00	5.32	0.49	0	3	1	95	0.00	0.0	6.065	0.000	3	1	1	1
PL.17958	PL.17957	A	4ACSR	7.24Y	120.7	0.00	5.32	1.72	1	12	5	92	0.00	0.0	6.067	0.052	0	0	0	5
PL.8482	PL.17958	A	4ACSR	7.24Y	120.7	0.01	5.34	1.60	1	11	4	94	0.00	0.0	6.262	0.195	0	0	0	4
088311	PL.8482	A	Consumer	7.24Y	120.7	0.00	5.34	0.02	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	5.34	1.58	1	11	4	94	0.00	0.0	6.324	0.062	0	0	0	3
PL.8478	PL.8481	A	4ACSR	7.24Y	120.7	0.00	5.35	1.08	1	7	3	92	0.00	0.0	6.420	0.096	0	0	0	2
PL.21681	PL.8478	A	4ACSR	7.24Y	120.7	0.00	5.35	0.75	1	5	2	93	0.00	0.0	6.483	0.063	0	0	0	1
088304	PL.21681	A	Consumer	7.24Y	120.7	0.00	5.35	0.75	0	5	2	93	0.00	0.0	6.483	0.000	5	2	1	1
088309	PL.8478	A	Consumer	7.24Y	120.7	0.00	5.35	0.33	0	2	1	89	0.00	0.0	6.420	0.000	2	1	1	1
088303	PL.8478	A	Consumer	7.24Y	120.7	0.00	5.35	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	5.34	0.50	0	3	1	95	0.00	0.0	6.324	0.000	3	1	1	1
088312	PL.17958	A	Consumer	7.24Y	120.7	0.00	5.32	0.12	0	1	0	100	0.00	0.0	6.067	0.000	1	0	1	1
PL.39034	PL.17630	A	2ACSR	7.24Y	120.7	0.00	5.31	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	5.31	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	5.31	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	5.31	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	5.29	0.61	1	4	2	89	0.00	0.0	5.782	0.015	0	0	0	2
PD.6817	PL.39030	A	fuse6AMP	7.24Y	120.7	0.00	5.29	0.61	10	4	2	89	0.00	0.0	5.782	0.000	0	0	0	2
PL.39031	PD.6817	A	4ACSR	7.24Y	120.7	0.00	5.30	0.61	1	4	2	89	0.00	0.0	5.832	0.050	0	0	0	2
PL.39504	PL.39031	A	2ACSR	7.24Y	120.7	0.00	5.30	0.01	0	0	0	100	0.00	0.0	5.883	0.051	0	0	0	1
0873007	PL.39504	A	Consumer	7.24Y	120.7	0.00	5.30	0.01	0	0	0	100	0.00	0.0	5.883	0.000	0	0	1	1
087306	PL.39031	A	Consumer	7.24Y	120.7	0.00	5.30	0.61	0	4	2	89	0.00	0.0	5.832	0.000	4	2	1	1
PL.39026	PL.17955	A	4ACSR	7.24Y	120.7	0.00	5.26	0.48	0	3	1	95	0.00	0.0	5.527	0.005	0	0	0	2
PD.6815	PL.39026	A	fuse6AMP	7.24Y	120.7	0.00	5.26	0.48	8	3	1	95	0.00	0.0	5.527	0.000	0	0	0	2
PL.39027	PD.6815	A	4ACSR	7.24Y	120.7	0.00	5.26	0.48	0	3	1	95	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\SUMMER\PROPOSED SUMMER 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-					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		
087305	PL.39027	A	Consumer	7.24Y	120.7	0.00	5.26	0.03	0	0	0	100	0.00	0.0	5.595	0.000	0	0	1	1	
087303	PL.39027	A	Consumer	7.24Y	120.7	0.00	5.26	0.45	0	3	1	95	0.00	0.0	5.595	0.000	3	1	1	1	
088307	PL.17955	A	Consumer	7.24Y	120.7	0.00	5.26	0.63	0	4	2	89	0.00	0.0	5.522	0.000	4	2	1	1	
PL.5299	PL.8323	A	4ACSR	7.25Y	120.8	0.00	5.19	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	120.8	0.00	5.19	0.62	0	4	2	89	0.00	0.0	5.134	0.000	4	2	1	1	
087411	PL.21295	A	Consumer	7.25Y	120.9	0.00	5.13	0.00	0	0	0	100	0.00	0.0	4.831	0.000	0	0	0	0	
PL.21294	PL.21296	A	4ACSR	7.25Y	120.9	0.00	5.10	0.36	0	2	1	89	0.00	0.0	4.761	0.072	0	0	0	1	
087412	PL.21294	A	Consumer	7.25Y	120.9	0.00	5.10	0.36	0	2	1	89	0.00	0.0	4.761	0.000	2	1	1	1	
PL.17911	PL.8483	A	4ACSR	7.25Y	120.9	0.01	5.09	9.33	8	63	24	93	0.00	0.0	4.636	0.017	0	0	0	19	
PD.3465	PL.17911	A	25V4E	7.25Y	120.9	0.00	5.09	9.33	37	63	24	93	0.00	0.0	4.636	0.000	0	0	0	19	
PL.17912	PD.3465	A	4ACSR	7.25Y	120.9	0.02	5.11	9.33	8	63	24	93	0.01	0.0	4.676	0.040	0	0	0	19	
PL.25304	PL.17912	A	4ACSR	7.25Y	120.9	0.03	5.14	9.33	8	63	24	93	0.01	0.0	4.742	0.066	0	0	0	19	
PL.25305	PL.25304	A	4ACSR	7.25Y	120.8	0.03	5.16	9.33	8	63	24	93	0.01	0.0	4.807	0.065	0	0	0	19	
087407	PL.25305	A	Consumer	7.25Y	120.8	0.00	5.16	0.35	0	2	1	89	0.00	0.0	4.807	0.000	2	1	1	1	
0874015	PL.25305	A	Consumer	7.25Y	120.8	0.00	5.16	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	120.8	0.03	5.20	8.98	8	61	23	94	0.02	0.0	4.891	0.084	0	0	0	17	
PL.17961	PL.17960	A	4ACSR	7.25Y	120.8	0.00	5.20	8.98	8	61	23	94	0.00	0.0	4.891	0.000	0	0	0	17	
PL.17962	PL.17961	A	4ACSR	7.25Y	120.8	0.03	5.23	6.99	6	47	18	93	0.01	0.0	4.978	0.087	0	0	0	13	
PL.8686	PL.17962	A	4ACSR	7.24Y	120.6	0.14	5.37	6.99	6	47	18	93	0.05	0.1	5.413	0.435	0	0	0	13	
PL.16240	PL.8686	A	4ACSR	7.23Y	120.5	0.10	5.46	6.91	6	47	18	93	0.03	0.1	5.719	0.306	0	0	0	12	
PD.2486-A	PL.16240	A	Closed	7.23Y	120.5	0.00	5.46	6.91	0	47	18	93	0.00	0.0	5.719	0.000	0	0	0	12	
PD.2486-B	PD.2486-A	A	Closed	7.23Y	120.5	0.00	5.46	6.91	0	47	18	93	0.00	0.0	5.719	0.000	0	0	0	12	
PL.16241	PD.2486-B	A	4ACSR	7.23Y	120.5	0.02	5.48	6.91	6	47	18	93	0.01	0.0	5.790	0.071	0	0	0	12	
PL.31024	PL.16241	A	4ACSR	7.23Y	120.5	0.02	5.50	6.91	6	47	18	93	0.01	0.0	5.844	0.054	0	0	0	12	
088504	PL.31024	A	Consumer	7.23Y	120.5	0.00	5.50	0.00	0	0	0	100	0.00	0.0	5.844	0.000	0	0	1	1	
PL.31025	PL.31024	A	4ACSR	7.23Y	120.5	0.04	5.54	6.91	6	47	18	93	0.02	0.0	5.980	0.136	0	0	0	11	
PL.14063	PL.31025	A	4ACSR	7.22Y	120.4	0.04	5.59	5.01	4	34	13	93	0.01	0.0	6.158	0.178	0	0	0	9	
PL.14064	PL.14063	A	4ACSR	7.22Y	120.4	0.03	5.61	5.01	4	34	13	93	0.01	0.0	6.285	0.128	0	0	0	9	
PL.17963	PL.14064	A	4ACSR	7.22Y	120.4	0.03	5.64	5.01	4	34	13	93	0.01	0.0	6.405	0.120	0	0	0	8	
088511	PL.17963	A	Consumer	7.22Y	120.4	0.00	5.64	0.64	0	4	2	89	0.00	0.0	6.405	0.000	4	2	1	1	
PL.35590	PL.17963	A	4ACSR	7.22Y	120.4	0.00	5.64	0.00	0	0	0	100	0.00	0.0	6.413	0.008	0	0	0	0	
PD.5232	PL.35590	A	fuse6AMP	7.22Y	120.4	0.00	5.64	0.00	0	0	0	100	0.00	0.0	6.413	0.000	0	0	0	0	
PL.35591	PD.5232	A	4ACSR	7.22Y	120.4	0.00	5.64	0.00	0	0	0	100	0.00	0.0	6.439	0.027	0	0	0	0	
088519	PL.35591	A	Consumer	7.22Y	120.4	0.00	5.64	0.00	0	0	0	100	0.00	0.0	6.439	0.000	0	0	0	0	
PL.17964	PL.17963	A	4ACSR	7.22Y	120.3	0.02	5.67	4.36	4	29	11	93	0.01	0.0	6.526	0.121	0	0	0	7	
PL.32764	PL.17964	A	4ACSR	7.22Y	120.3	0.01	5.68	4.36	4	29	11	93	0.00	0.0	6.580	0.055	0	0	0	7	
088518	PL.32764	A	Consumer	7.22Y	120.3	0.00	5.68	0.94	0	6	2	95	0.00	0.0	6.580	0.000	6	2	1	1	
PL.36540	PL.32764	A	4ACSR	7.22Y	120.3	0.01	5.68	3.43	3	23	9	93	0.00	0.0	6.614	0.033	0	0	0	6	

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.36539	PL.36540	A	4ACSR	7.22Y	120.3	0.01	5.69	1.88	2	13	5	93	0.00	0.0	6.685	0.071	0	0	0	1
088513	PL.36539	A	Consumer	7.22Y	120.3	0.00	5.69	1.88	0	13	5	93	0.00	0.0	6.685	0.000	13	5	1	1
PL.36541	PL.36540	A	4ACSR	7.22Y	120.3	0.00	5.69	1.54	1	10	4	93	0.00	0.0	6.657	0.043	0	0	0	5
PL.8324	PL.36541	A	4ACSR	7.22Y	120.3	0.00	5.69	0.54	0	4	1	97	0.00	0.0	6.741	0.084	0	0	0	3
0885020	PL.8324	A	Consumer	7.22Y	120.3	0.00	5.69	0.14	0	1	0	100	0.00	0.0	6.741	0.000	1	0	1	1
PL.28549	PL.8324	A	4ACSR	7.22Y	120.3	0.00	5.69	0.40	0	3	1	95	0.00	0.0	6.767	0.026	0	0	0	2
PL.28550	PL.28549	A	4ACSR	7.22Y	120.3	0.00	5.69	0.10	0	1	0	100	0.00	0.0	6.784	0.017	0	0	0	1
PL.8687	PL.28550	A	4ACSR	7.22Y	120.3	0.00	5.69	0.10	0	1	0	100	0.00	0.0	6.817	0.033	0	0	0	1
PL.16239	PL.8687	A	4ACSR	7.22Y	120.3	0.00	5.69	0.10	0	1	0	100	0.00	0.0	6.840	0.023	0	0	0	1
PD.2488-A	PL.16239	A	Closed	7.22Y	120.3	0.00	5.69	0.10	0	1	0	100	0.00	0.0	6.840	0.000	0	0	0	1
PD.2488-B	PD.2488-A	A	Closed	7.22Y	120.3	0.00	5.69	0.10	0	1	0	100	0.00	0.0	6.840	0.000	0	0	0	1
PL.22303	PD.2488-B	A	4ACSR	7.22Y	120.3	0.00	5.69	0.10	0	1	0	100	0.00	0.0	7.000	0.160	0	0	0	1
PL.22357	PL.22303	A	4ACSR	7.22Y	120.3	0.00	5.69	0.00	0	0	0	100	0.00	0.0	7.052	0.052	0	0	0	0
PL.22304	PL.22303	A	4ACSR	7.22Y	120.3	0.00	5.69	0.10	0	1	0	100	0.00	0.0	7.649	0.649	0	0	0	1
PL.21309	PL.22304	A	4ACSR	7.22Y	120.3	0.00	5.69	0.10	0	1	0	100	0.00	0.0	7.658	0.010	0	0	0	1
PD.3648-A	PL.21309	A	Closed	7.22Y	120.3	0.00	5.69	0.10	0	1	0	100	0.00	0.0	7.658	0.000	0	0	0	1
PD.3648-B	PD.3648-A	A	Closed	7.22Y	120.3	0.00	5.69	0.10	0	1	0	100	0.00	0.0	7.658	0.000	0	0	0	1
PL.21310	PD.3648-B	A	4ACSR	7.22Y	120.3	0.00	5.69	0.10	0	1	0	100	0.00	0.0	7.686	0.027	0	0	0	1
PL.22415	PL.21310	A	4ACSR	7.22Y	120.3	0.00	5.69	0.00	0	0	0	100	0.00	0.0	7.801	0.116	0	0	0	0
PL.35597	PL.22415	A	4ACSR	7.22Y	120.3	0.00	5.69	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	7.22Y	120.3	0.00	5.69	0.00	0	0	0	100	0.00	0.0	8.223	0.000	0	0	0	0
140514	PL.22415	A	Consumer	7.22Y	120.3	0.00	5.69	0.00	0	0	0	100	0.00	0.0	7.801	0.000	0	0	0	0
PL.35594	PL.21310	A	4ACSR	7.22Y	120.3	0.00	5.69	0.10	0	1	0	100	0.00	0.0	7.692	0.007	0	0	0	1
PD.5234	PL.35594	A	fuse6AMP	7.22Y	120.3	0.00	5.69	0.10	2	1	0	100	0.00	0.0	7.692	0.000	0	0	0	1
PL.35595	PD.5234	A	4ACSR	7.22Y	120.3	0.00	5.69	0.10	0	1	0	100	0.00	0.0	7.876	0.184	0	0	0	1
089506	PL.35595	A	Consumer	7.22Y	120.3	0.00	5.69	0.10	0	1	0	100	0.00	0.0	7.876	0.000	1	0	1	1
088516	PL.28549	A	Consumer	7.22Y	120.3	0.00	5.69	0.30	0	2	1	89	0.00	0.0	6.767	0.000	2	1	1	1
088515	PL.36541	A	Consumer	7.22Y	120.3	0.00	5.69	0.43	0	3	1	95	0.00	0.0	6.657	0.000	3	1	1	1
088506	PL.36541	A	Consumer	7.22Y	120.3	0.00	5.69	0.57	0	4	1	97	0.00	0.0	6.657	0.000	4	1	1	1
PL.36542	PL.17964	A	4ACSR	7.22Y	120.3	0.00	5.67	0.00	0	0	0	100	0.00	0.0	6.531	0.005	0	0	0	0
PD.5233	PL.36542	A	fuse6AMP	7.22Y	120.3	0.00	5.67	0.00	0	0	0	100	0.00	0.0	6.531	0.000	0	0	0	0
PL.36544	PD.5233	A	4ACSR	7.22Y	120.3	0.00	5.67	0.00	0	0	0	100	0.00	0.0	6.542	0.012	0	0	0	0
088507	PL.14064	A	Consumer	7.22Y	120.4	0.00	5.61	0.00	0	0	0	100	0.00	0.0	6.285	0.000	0	0	1	1
PL.21800	PL.14063	A	4ACSR	7.22Y	120.4	0.00	5.59	0.00	0	0	0	100	0.00	0.0	6.187	0.029	0	0	0	0
088512	PL.21800	A	Consumer	7.22Y	120.4	0.00	5.59	0.00	0	0	0	100	0.00	0.0	6.187	0.000	0	0	0	0
PL.35580	PL.31025	A	4ACSR	7.23Y	120.5	0.00	5.54	0.00	0	0	0	100	0.00	0.0	5.999	0.019	0	0	0	0
PD.5230	PL.35580	A	fuse6AMP	7.23Y	120.5	0.00	5.54	0.00	0	0	0	100	0.00	0.0	5.999	0.000	0	0	0	0
PL.35581	PD.5230	A	4ACSR	7.23Y	120.5	0.00	5.54	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\SUMMER\PROPOSED SUMMER 06-10 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	kW Loss							% Loss
088514	PL.35581	A	Consumer	7.23Y	120.5	0.00	5.54	0.00	0	0	0	100	0.00	0.0	6.154	0.000	0	0	0	0
PL.35578	PL.31025	A	4ACSR	7.23Y	120.5	0.00	5.55	0.80	1	5	2	93	0.00	0.0	5.991	0.011	0	0	0	1
PD.5229	PL.35578	A	fuse6AMP	7.23Y	120.5	0.00	5.55	0.80	14	5	2	93	0.00	0.0	5.991	0.000	0	0	0	1
PL.35579	PD.5229	A	4ACSR	7.23Y	120.5	0.00	5.55	0.80	1	5	2	93	0.00	0.0	6.071	0.080	0	0	0	1
088508	PL.35579	A	Consumer	7.23Y	120.5	0.00	5.55	0.80	0	5	2	93	0.00	0.0	6.071	0.000	5	2	1	1
088502	PL.31025	A	Consumer	7.23Y	120.5	0.00	5.54	1.11	0	7	3	92	0.00	0.0	5.980	0.000	7	3	1	1
0884010	PL.8686	A	Consumer	7.24Y	120.6	0.00	5.37	0.08	0	1	0	100	0.00	0.0	5.413	0.000	1	0	1	1
088404	PL.8686	A	Consumer	7.24Y	120.6	0.00	5.37	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	120.8	0.00	5.20	0.41	0	3	1	95	0.00	0.0	4.891	0.000	3	1	1	1
PL.35576	PL.17961	A	4ACSR	7.25Y	120.8	0.00	5.20	1.57	1	11	4	94	0.00	0.0	4.900	0.009	0	0	0	3
PD.5227	PL.35576	A	fuse6AMP	7.25Y	120.8	0.00	5.20	1.57	27	11	4	94	0.00	0.0	4.900	0.000	0	0	0	3
PL.35577	PD.5227	A	4ACSR	7.25Y	120.8	0.00	5.20	1.57	1	11	4	94	0.00	0.0	4.952	0.052	0	0	0	3
088409	PL.35577	A	Consumer	7.25Y	120.8	0.00	5.20	0.65	0	4	2	89	0.00	0.0	4.952	0.000	4	2	1	1
088412	PL.35577	A	Consumer	7.25Y	120.8	0.00	5.20	0.32	0	2	1	89	0.00	0.0	4.952	0.000	2	1	1	1
088411	PL.35577	A	Consumer	7.25Y	120.8	0.00	5.20	0.60	0	4	2	89	0.00	0.0	4.952	0.000	4	2	1	1
087403	PL.27617	A	Consumer	7.27Y	121.2	0.00	4.80	0.00	0	0	0	100	0.00	0.0	4.209	0.000	0	0	0	0
087413	PL.27617	A	Consumer	7.27Y	121.2	0.00	4.80	0.68	0	5	2	93	0.00	0.0	4.209	0.000	5	2	1	1
087406	PL.27617	A	Consumer	7.27Y	121.2	0.00	4.80	0.61	0	4	2	89	0.00	0.0	4.209	0.000	4	2	1	1
PL.21793	PL.18577	A	4ACSR	7.30Y	121.7	0.00	4.29	0.19	0	1	1	71	0.00	0.0	3.592	0.048	0	0	0	2
PD.2283	PL.21793	A	fuse6AMP	7.30Y	121.7	0.00	4.29	0.19	3	1	1	71	0.00	0.0	3.592	0.000	0	0	0	2
PL.22707	PD.2283	A	4ACSR	7.30Y	121.7	0.00	4.29	0.19	0	1	1	71	0.00	0.0	3.881	0.290	0	0	0	2
087408	PL.22707	A	Consumer	7.30Y	121.7	0.00	4.29	0.00	0	0	0	100	0.00	0.0	3.881	0.000	0	0	1	1
PL.22708	PL.22707	A	4ACSR	7.30Y	121.7	0.00	4.29	0.19	0	1	1	71	0.00	0.0	3.965	0.083	0	0	0	1
PL.21640	PL.22708	A	4ACSR	7.30Y	121.7	0.00	4.30	0.19	0	1	1	71	0.00	0.0	4.221	0.256	0	0	0	1
087507	PL.21640	A	Consumer	7.30Y	121.7	0.00	4.30	0.19	0	1	1	71	0.00	0.0	4.221	0.000	1	1	1	1
087501	PL.21640	A	Consumer	7.30Y	121.7	0.00	4.30	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	121.8	0.00	4.22	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	121.8	0.00	4.22	0.00	0	0	0	100	0.00	0.0	3.468	0.000	0	0	0	0
PL.39024	PL.20929	A	4ACSR	7.31Y	121.9	0.00	4.11	0.62	1	4	2	89	0.00	0.0	3.313	0.008	0	0	0	1
PD.6814	PL.39024	A	fuse6AMP	7.31Y	121.9	0.00	4.11	0.62	11	4	2	89	0.00	0.0	3.313	0.000	0	0	0	1
PL.39025	PD.6814	A	4ACSR	7.31Y	121.9	0.00	4.11	0.62	1	4	2	89	0.00	0.0	3.366	0.052	0	0	0	1
086422	PL.39025	A	Consumer	7.31Y	121.9	0.00	4.11	0.62	0	4	2	89	0.00	0.0	3.366	0.000	4	2	1	1
086416	PL.20478	A	Consumer	7.33Y	122.2	0.00	3.83	0.51	0	3	1	95	0.00	0.0	2.975	0.000	3	1	1	1
086413	PL.20477	A	Consumer	7.33Y	122.2	0.00	3.78	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	122.4	0.00	3.57	0.78	0	5	2	93	0.00	0.0	2.690	0.000	5	2	1	1
086509	PL.20479	A	Consumer	7.37Y	122.9	0.00	3.11	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	2.82	0.00	0	0	0	100	0.00	0.0	1.962	0.000	0	0	0	0
PL.39022	PL.18712	A	4ACSR	7.40Y	123.3	0.00	2.66	0.41	0	3	1	95	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\SUMMER\PROPOSED SUMMER 06-10 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.6813	PL.39022	A	fuse6AMP	7.40Y	123.3	0.00	2.66	0.41	7	3	1	95	0.00	0.0	1.809	0.000	0	0	0	1
PL.39023	PD.6813	A	4ACSR	7.40Y	123.3	0.00	2.66	0.41	0	3	1	95	0.00	0.0	1.833	0.024	0	0	0	1
086534	PL.39023	A	Consumer	7.40Y	123.3	0.00	2.66	0.41	0	3	1	95	0.00	0.0	1.833	0.000	3	1	1	1
086533	PL.18712	A	Consumer	7.40Y	123.3	0.00	2.66	0.04	0	0	0	100	0.00	0.0	1.803	0.000	0	0	1	1
086505	PL.18712	A	Consumer	7.40Y	123.3	0.00	2.66	0.39	0	3	1	95	0.00	0.0	1.803	0.000	3	1	1	1
086518	PL.26698	A	Consumer	7.40Y	123.4	0.00	2.58	0.11	0	1	0	100	0.00	0.0	1.732	0.000	1	0	1	1
086521	PL.26698	A	Consumer	7.40Y	123.4	0.00	2.58	0.08	0	1	0	100	0.00	0.0	1.732	0.000	1	0	1	1
PL.26695	PL.18994	A	4ACSR	7.41Y	123.5	0.00	2.50	2.20	2	15	6	93	0.00	0.0	1.666	0.015	0	0	0	4
PD.2279	PL.26695	A	fuse6AMP	7.41Y	123.5	0.00	2.50	2.20	38	15	6	93	0.00	0.0	1.666	0.000	0	0	0	4
PL.26696	PD.2279	A	4ACSR	7.41Y	123.5	0.01	2.50	2.20	2	15	6	93	0.00	0.0	1.743	0.077	0	0	0	4
PL.8476	PL.26696	A	4ACSR	7.41Y	123.5	0.01	2.52	1.47	1	10	4	93	0.00	0.0	1.914	0.172	0	0	0	3
PL.14196	PL.8476	A	4ACSR	7.41Y	123.5	0.02	2.54	1.47	1	10	4	93	0.00	0.0	2.210	0.295	0	0	0	3
PL.14197	PL.14196	A	4ACSR	7.41Y	123.5	0.00	2.54	0.32	0	2	1	89	0.00	0.0	2.528	0.318	0	0	0	2
087503	PL.14197	A	Consumer	7.41Y	123.5	0.00	2.54	0.09	0	1	0	100	0.00	0.0	2.528	0.000	1	0	1	1
0875008	PL.14197	A	Consumer	7.41Y	123.5	0.00	2.54	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	2.54	0.23	0	2	1	89	0.00	0.0	2.614	0.086	0	0	0	1
PL.45876	PL.45875	A	4ACSR	7.41Y	123.5	0.00	2.54	0.23	0	2	1	89	0.00	0.0	2.820	0.206	0	0	0	1
PL.8321	PL.45876	A	4ACSR	7.41Y	123.5	0.00	2.54	0.23	0	2	1	89	0.00	0.0	2.863	0.043	0	0	0	1
087506	PL.8321	A	Consumer	7.41Y	123.5	0.00	2.54	0.23	0	2	1	89	0.00	0.0	2.863	0.000	2	1	1	1
PL.5300	PL.14196	A	4ACSR	7.41Y	123.5	0.01	2.54	1.15	1	8	3	94	0.00	0.0	2.310	0.100	0	0	0	1
087505	PL.5300	A	Consumer	7.41Y	123.5	0.00	2.54	1.15	0	8	3	94	0.00	0.0	2.310	0.000	8	3	1	1
086532	PL.26696	A	Consumer	7.41Y	123.5	0.00	2.50	0.73	0	5	2	93	0.00	0.0	1.743	0.000	5	2	1	1
086524	PL.18993	A	Consumer	7.41Y	123.5	0.00	2.47	1.11	0	8	3	94	0.00	0.0	1.632	0.000	8	3	1	1
PL.26699	PL.14202	A	4ACSR	7.42Y	123.6	0.00	2.35	1.48	1	10	4	93	0.00	0.0	1.547	0.010	0	0	0	3
PD.2280	PL.26699	A	fuse6AMP	7.42Y	123.6	0.00	2.35	1.48	25	10	4	93	0.00	0.0	1.547	0.000	0	0	0	3
PL.26700	PD.2280	A	4ACSR	7.42Y	123.6	0.01	2.36	1.48	1	10	4	93	0.00	0.0	1.685	0.138	0	0	0	3
086511	PL.26700	A	Consumer	7.42Y	123.6	0.00	2.36	1.07	0	7	3	92	0.00	0.0	1.685	0.000	7	3	1	1
PL.24567	PL.26700	A	4ACSR	7.42Y	123.6	0.00	2.36	0.41	0	3	1	95	0.00	0.0	1.758	0.073	0	0	0	2
PL.24568	PL.24567	A	4ACSR	7.42Y	123.6	0.00	2.36	0.41	0	3	1	95	0.00	0.0	1.793	0.035	0	0	0	2
086503	PL.24568	A	Consumer	7.42Y	123.6	0.00	2.36	0.01	0	0	0	100	0.00	0.0	1.793	0.000	0	0	1	1
086513	PL.24568	A	Consumer	7.42Y	123.6	0.00	2.36	0.39	0	3	1	95	0.00	0.0	1.793	0.000	3	1	1	1
0865037	PL.45425	A	Consumer	7.43Y	123.8	0.00	2.18	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	124.1	0.00	1.87	0.59	0	4	2	89	0.00	0.0	1.202	0.000	4	2	1	1
0866043	PL.45367	A	Consumer	7.47Y	124.5	0.00	1.54	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	1.49	0.22	0	2	1	89	0.00	0.0	0.975	0.000	2	1	1	1
086622	PL.14199	A	Consumer	7.47Y	124.5	0.00	1.49	0.42	0	3	1	95	0.00	0.0	0.975	0.000	3	1	1	1
086630	PL.14199	A	Consumer	7.47Y	124.5	0.00	1.49	0.17	0	1	0	100	0.00	0.0	0.975	0.000	1	0	1	1
0866042	PL.14199	A	Consumer	7.47Y	124.5	0.00	1.49	0.47	0	3	1	95	0.00	0.0	0.975	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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
086637	PL.14198	A	Consumer	7.48Y	124.7	0.00	1.28	0.01	0	0	0	100	0.00	0.0	0.864	0.000	0	0	1	1
PL.26848	PL.18810	A	4ACSR	7.49Y	124.8	0.00	1.18	0.81	1	6	2	95	0.00	0.0	0.820	0.011	0	0	0	1
PD.2054	PL.26848	A	fuse6AMP	7.49Y	124.8	0.00	1.18	0.81	14	6	2	95	0.00	0.0	0.820	0.000	0	0	0	1
PL.26849	PD.2054	A	4ACSR	7.49Y	124.8	0.00	1.18	0.81	1	6	2	95	0.00	0.0	0.947	0.126	0	0	0	1
086618	PL.26849	A	Consumer	7.49Y	124.8	0.00	1.18	0.81	0	6	2	95	0.00	0.0	0.947	0.000	6	2	1	1
086605	PL.27726	A	Consumer	7.50Y	125.0	0.00	1.03	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	125.5	0.00	0.46	0.76	1	5	2	93	0.00	0.0	0.361	0.013	0	0	0	1
PD.3644	PL.28182	A	fuse6AMP	7.53Y	125.5	0.00	0.46	0.76	13	5	2	93	0.00	0.0	0.361	0.000	0	0	0	1
PL.28183	PD.3644	A	4ACSR	7.53Y	125.5	0.00	0.46	0.76	1	5	2	93	0.00	0.0	0.503	0.142	0	0	0	1
PL.5232	PL.28183	A	4ACSR	7.53Y	125.5	0.00	0.47	0.76	1	5	2	93	0.00	0.0	0.581	0.078	0	0	0	1
085632	PL.5232	A	Consumer	7.53Y	125.5	0.00	0.47	0.76	0	5	2	93	0.00	0.0	0.581	0.000	5	2	1	1
085614	PL.28183	A	Consumer	7.53Y	125.5	0.00	0.46	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	125.5	0.00	0.46	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	125.8	0.07	0.15	37.15	18	261	104	93	0.11	0.0	0.149	0.075	0	0	0	94
PL.18768	PL.239	A	4ACSR	7.55Y	125.8	0.01	0.16	37.15	31	261	103	93	0.02	0.0	0.155	0.005	0	0	0	94
PD.3457	PL.18768	A	0VXE	7.55Y	125.8	0.00	0.16	37.15	0	261	103	93	0.00	0.0	0.155	0.000	0	0	0	94
PL.18769	PD.3457	A	2ACSR	7.54Y	125.7	0.11	0.28	37.15	24	261	103	93	0.20	0.1	0.247	0.092	0	0	0	94
PL.17475	PL.18769	A	2ACSR	7.53Y	125.5	0.27	0.55	37.15	24	261	103	93	0.48	0.2	0.466	0.219	0	0	0	94
PL.28069	PL.17475	A	4ACSR	7.53Y	125.5	0.00	0.55	0.99	1	7	3	92	0.00	0.0	0.480	0.014	0	0	0	4
PD.2049	PL.28069	A	fuse6AMP	7.53Y	125.5	0.00	0.55	0.99	17	7	3	92	0.00	0.0	0.480	0.000	0	0	0	4
PL.28070	PD.2049	A	4ACSR	7.53Y	125.4	0.00	0.55	0.99	1	7	3	92	0.00	0.0	0.589	0.109	0	0	0	4
PL.5217	PL.28070	A	4ACSR	7.53Y	125.4	0.00	0.56	0.88	1	6	2	95	0.00	0.0	0.657	0.069	0	0	0	3
PL.5218	PL.5217	A	4ACSR	7.53Y	125.4	0.00	0.56	0.88	1	6	2	95	0.00	0.0	0.683	0.026	0	0	0	3
PL.5233	PL.5218	A	4ACSR	7.53Y	125.4	0.00	0.56	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	125.4	0.00	0.56	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	125.4	0.00	0.56	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	125.4	0.00	0.56	0.77	0	5	2	93	0.00	0.0	0.683	0.000	5	2	1	1
085608	PL.28070	A	Consumer	7.53Y	125.4	0.00	0.55	0.10	0	1	0	100	0.00	0.0	0.589	0.000	1	0	1	1
PL.17476	PL.17475	A	2ACSR	7.52Y	125.3	0.15	0.70	36.17	23	253	100	93	0.27	0.1	0.595	0.129	0	0	0	90
PL.20069	PL.17476	A	4ACSR	7.52Y	125.3	0.00	0.70	0.59	0	4	2	89	0.00	0.0	0.597	0.002	0	0	0	1
PD.2050	PL.20069	A	fuse6AMP	7.52Y	125.3	0.00	0.70	0.59	10	4	2	89	0.00	0.0	0.597	0.000	0	0	0	1
PL.20070	PD.2050	A	4ACSR	7.52Y	125.3	0.00	0.70	0.59	0	4	2	89	0.00	0.0	0.662	0.066	0	0	0	1
085612	PL.20070	A	Consumer	7.52Y	125.3	0.00	0.70	0.59	0	4	2	89	0.00	0.0	0.662	0.000	4	2	1	1
PL.16327	PL.17476	A	2ACSR	7.51Y	125.1	0.17	0.87	35.58	23	249	98	93	0.28	0.1	0.735	0.140	0	0	0	89
PL.18830	PL.16327	A	4ACSR	7.51Y	125.1	0.02	0.89	35.58	30	248	98	93	0.04	0.0	0.748	0.013	0	0	0	89
C PD.1812	PL.18830	A	fuse6AMP	7.51Y	125.1	0.00	0.89	35.58	608	248	98	93	0.00	0.0	0.748	0.000	0	0	0	89 C
PL.18831	PD.1812	A	4ACSR	7.49Y	124.8	0.31	1.20	35.58	30	248	98	93	0.57	0.2	0.936	0.188	0	0	0	89
PL.14077	PL.18831	A	4ACSR	7.48Y	124.7	0.10	1.29	35.58	30	248	98	93	0.18	0.1	0.995	0.059	0	0	0	89

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.14078	PL.14077	A	4ACSR	7.48Y	124.7	0.05	1.35	35.47	30	247	97	93	0.10	0.0	1.028	0.033	0	0	0	88
PL.8458	PL.14078	A	4ACSR	7.47Y	124.5	0.17	1.51	34.95	29	243	96	93	0.30	0.1	1.132	0.104	0	0	0	87
086608	PL.8458	A	Consumer	7.47Y	124.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	1.132	0.000	0	0	0	0
PL.27097	PL.8458	A	4ACSR	7.46Y	124.4	0.13	1.64	34.95	29	243	96	93	0.23	0.1	1.211	0.079	0	0	0	87
PD.750-A	PL.27097	A	Closed	7.46Y	124.4	0.00	1.64	34.95	0	243	96	93	0.00	0.0	1.211	0.000	0	0	0	87
PD.750-B	PD.750-A	A	Closed	7.46Y	124.4	0.00	1.64	34.95	0	243	96	93	0.00	0.0	1.211	0.000	0	0	0	87
PL.27098	PD.750-B	A	4ACSR	7.44Y	123.9	0.44	2.08	34.95	29	243	96	93	0.81	0.3	1.488	0.277	0	0	0	87
PL.14076	PL.27098	A	4ACSR	7.42Y	123.6	0.33	2.41	33.79	28	234	92	93	0.58	0.2	1.702	0.214	0	0	0	85
PL.14075	PL.14076	A	4ACSR	7.40Y	123.4	0.20	2.61	33.79	28	233	92	93	0.35	0.2	1.830	0.129	0	0	0	85
PL.16253	PL.14075	A	4ACSR	7.40Y	123.4	0.00	2.61	0.66	1	5	2	93	0.00	0.0	1.846	0.016	0	0	0	2
PD.753-A	PL.16253	A	Closed	7.40Y	123.4	0.00	2.61	0.66	0	5	2	93	0.00	0.0	1.846	0.000	0	0	0	2
PD.753-B	PD.753-A	A	Closed	7.40Y	123.4	0.00	2.61	0.66	0	5	2	93	0.00	0.0	1.846	0.000	0	0	0	2
PL.27094	PD.753-B	A	4ACSR	7.40Y	123.4	0.00	2.62	0.66	1	5	2	93	0.00	0.0	1.903	0.056	0	0	0	2
087623	PL.27094	A	Consumer	7.40Y	123.4	0.00	2.62	0.03	0	0	0	100	0.00	0.0	1.903	0.000	0	0	1	1
087601	PL.27094	A	Consumer	7.40Y	123.4	0.00	2.62	0.64	0	4	2	89	0.00	0.0	1.903	0.000	4	2	1	1
PL.18521	PL.14075	A	4ACSR	7.40Y	123.4	0.03	2.64	33.12	28	228	90	93	0.05	0.0	1.850	0.020	0	0	0	83
C PD.1815	PL.18521	A	fuse6AMP	7.40Y	123.4	0.00	2.64	33.12	566	228	90	93	0.00	0.0	1.850	0.000	0	0	0	83 C
PL.18522	PD.1815	A	4ACSR	7.39Y	123.2	0.21	2.85	33.12	28	228	90	93	0.36	0.2	1.986	0.136	0	0	0	83
PL.14070	PL.18522	A	4ACSR	7.38Y	123.0	0.14	2.99	28.86	24	198	78	93	0.21	0.1	2.091	0.105	0	0	0	76
PL.14071	PL.14070	A	4ACSR	7.37Y	122.9	0.13	3.12	28.86	24	198	78	93	0.19	0.1	2.188	0.097	0	0	0	76
C PD.1817	PL.14071	A	fuse6AMP	7.37Y	122.9	0.00	3.12	28.86	493	198	78	93	0.00	0.0	2.188	0.000	0	0	0	76 C
PL.14069	PD.1817	A	4ACSR	7.36Y	122.7	0.18	3.30	28.16	24	193	76	93	0.26	0.1	2.327	0.139	0	0	0	74
PL.14068	PL.14069	A	4ACSR	7.35Y	122.5	0.19	3.49	27.84	23	191	75	93	0.27	0.1	2.475	0.148	0	0	0	71
087609	PL.14068	A	Consumer	7.35Y	122.5	0.00	3.49	0.27	0	2	1	89	0.00	0.0	2.475	0.000	2	1	1	1
PL.14072	PL.14068	A	4ACSR	7.34Y	122.3	0.18	3.66	27.57	23	189	74	93	0.25	0.1	2.615	0.140	0	0	0	70
PL.35566	PL.14072	A	4ACSR	7.34Y	122.3	0.00	3.66	0.83	1	6	2	95	0.00	0.0	2.619	0.004	0	0	0	1
PD.5223	PL.35566	A	fuse6AMP	7.34Y	122.3	0.00	3.66	0.83	14	6	2	95	0.00	0.0	2.619	0.000	0	0	0	1
PL.35567	PD.5223	A	4ACSR	7.34Y	122.3	0.00	3.66	0.83	1	6	2	95	0.00	0.0	2.656	0.038	0	0	0	1
087622	PL.35567	A	Consumer	7.34Y	122.3	0.00	3.66	0.83	0	6	2	95	0.00	0.0	2.656	0.000	6	2	1	1
PL.14073	PL.14072	A	4ACSR	7.33Y	122.2	0.13	3.79	26.74	22	183	72	93	0.18	0.1	2.721	0.106	0	0	0	69
087611	PL.14073	A	Consumer	7.33Y	122.2	0.00	3.79	0.80	0	5	2	93	0.00	0.0	2.721	0.000	5	2	1	1
PL.14074	PL.14073	A	4ACSR	7.33Y	122.2	0.05	3.85	25.93	22	177	69	93	0.07	0.0	2.766	0.045	0	0	0	68
PL.35568	PL.14074	A	4ACSR	7.33Y	122.2	0.00	3.85	0.80	1	5	2	93	0.00	0.0	2.770	0.004	0	0	0	1
PD.5224	PL.35568	A	fuse6AMP	7.33Y	122.2	0.00	3.85	0.80	14	5	2	93	0.00	0.0	2.770	0.000	0	0	0	1
PL.35569	PD.5224	A	4ACSR	7.33Y	122.2	0.00	3.85	0.80	1	5	2	93	0.00	0.0	2.810	0.040	0	0	0	1
087624	PL.35569	A	Consumer	7.33Y	122.2	0.00	3.85	0.80	0	5	2	93	0.00	0.0	2.810	0.000	5	2	1	1
PL.19176	PL.14074	A	4ACSR	7.32Y	122.0	0.20	4.05	25.14	21	172	67	93	0.26	0.2	2.939	0.173	0	0	0	67
088603	PL.19176	A	Consumer	7.32Y	122.0	0.00	4.05	0.31	0	2	1	89	0.00	0.0	2.939	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.19177	PL.19176	A	4ACSR	7.31Y	121.8	0.11	4.16	24.83	21	169	66	93	0.14	0.1	3.035	0.096	0	0	0	66	
PL.16246	PL.19177	A	4ACSR	7.31Y	121.8	0.06	4.21	24.15	20	164	64	93	0.07	0.0	3.087	0.052	0	0	0	65	
PD.754-A	PL.16246	A	Closed	7.31Y	121.8	0.00	4.21	24.15	0	164	64	93	0.00	0.0	3.087	0.000	0	0	0	65	
PD.754-B	PD.754-A	A	Closed	7.31Y	121.8	0.00	4.21	24.15	0	164	64	93	0.00	0.0	3.087	0.000	0	0	0	65	
PL.16247	PD.754-B	A	4ACSR	7.30Y	121.7	0.05	4.26	24.15	20	164	64	93	0.06	0.0	3.130	0.042	0	0	0	65	
PL.25278	PL.16247	A	4ACSR	7.30Y	121.7	0.06	4.32	23.09	19	157	62	93	0.08	0.0	3.191	0.061	0	0	0	63	
PL.16244	PL.25278	A	4ACSR	7.30Y	121.7	0.00	4.33	10.04	8	68	26	93	0.00	0.0	3.200	0.009	0	0	0	26	
PD.757-A	PL.16244	A	Closed	7.30Y	121.7	0.00	4.33	10.04	0	68	26	93	0.00	0.0	3.200	0.000	0	0	0	26	
PD.757-B	PD.757-A	A	Closed	7.30Y	121.7	0.00	4.33	10.04	0	68	26	93	0.00	0.0	3.200	0.000	0	0	0	26	
PL.16245	PD.757-B	A	4ACSR	7.30Y	121.7	0.02	4.35	10.04	8	68	26	93	0.01	0.0	3.236	0.036	0	0	0	26	
PL.27296	PL.16245	A	4ACSR	7.30Y	121.6	0.01	4.36	9.48	8	65	25	93	0.01	0.0	3.269	0.034	0	0	0	25	
PD.3459	PL.27296	A	15H	7.30Y	121.6	0.00	4.36	9.48	63	64	25	93	0.00	0.0	3.269	0.000	0	0	0	25	
PL.27297	PD.3459	A	4ACSR	7.29Y	121.6	0.09	4.45	9.48	8	64	25	93	0.04	0.1	3.474	0.205	0	0	0	25	
PL.28640	PL.27297	A	4ACSR	7.29Y	121.5	0.01	4.46	9.48	8	64	25	93	0.00	0.0	3.497	0.022	0	0	0	25	
PL.35610	PL.28640	A	4ACSR	7.29Y	121.5	0.00	4.46	0.46	0	3	1	95	0.00	0.0	3.508	0.012	0	0	0	1	
PD.5241	PL.35610	A	fuse6AMP	7.29Y	121.5	0.00	4.46	0.46	8	3	1	95	0.00	0.0	3.508	0.000	0	0	0	1	
PL.35611	PD.5241	A	4ACSR	7.29Y	121.5	0.00	4.46	0.46	0	3	1	95	0.00	0.0	3.560	0.052	0	0	0	1	
088618	PL.35611	A	Consumer	7.29Y	121.5	0.00	4.46	0.46	0	3	1	95	0.00	0.0	3.560	0.000	3	1	1	1	
088633	PL.28640	A	Consumer	7.29Y	121.5	0.00	4.46	0.98	0	7	3	92	0.00	0.0	3.497	0.000	7	3	1	1	
0886035	PL.28640	A	Consumer	7.29Y	121.5	0.00	4.46	0.00	0	0	0	100	0.00	0.0	3.497	0.000	0	0	0	0	
088610	PL.28640	A	Consumer	7.29Y	121.5	0.00	4.46	0.15	0	1	0	100	0.00	0.0	3.497	0.000	1	0	1	1	
PL.28641	PL.28640	A	4ACSR	7.29Y	121.5	0.07	4.53	7.88	7	54	21	93	0.03	0.1	3.701	0.204	0	0	0	22	
088619	PL.28641	A	Consumer	7.29Y	121.5	0.00	4.53	0.52	0	4	1	97	0.00	0.0	3.701	0.000	4	1	1	1	
088626	PL.28641	A	Consumer	7.29Y	121.5	0.00	4.53	0.87	0	6	2	95	0.00	0.0	3.701	0.000	6	2	1	1	
PL.21680	PL.28641	A	4ACSR	7.29Y	121.4	0.05	4.58	6.50	5	44	17	93	0.02	0.0	3.868	0.167	0	0	0	20	
PL.21227	PL.21680	A	4ACSR	7.28Y	121.4	0.01	4.59	5.04	4	34	13	93	0.00	0.0	3.897	0.029	0	0	0	17	
PL.28205	PL.21227	A	4ACSR	7.28Y	121.4	0.02	4.61	5.04	4	34	13	93	0.01	0.0	3.983	0.086	0	0	0	17	
PL.21798	PL.28205	A	4ACSR	7.28Y	121.4	0.00	4.61	0.00	0	0	0	100	0.00	0.0	4.032	0.049	0	0	0	1	
088510	PL.21798	A	Consumer	7.28Y	121.4	0.00	4.61	0.00	0	0	0	100	0.00	0.0	4.032	0.000	0	0	1	1	
PL.17959	PL.28205	A	4ACSR	7.28Y	121.4	0.01	4.62	5.04	4	34	13	93	0.00	0.0	4.048	0.064	0	0	0	16	
PD.2485-A	PL.17959	A	Closed	7.28Y	121.4	0.00	4.62	5.04	0	34	13	93	0.00	0.0	4.048	0.000	0	0	0	16	
PD.2485-B	PD.2485-A	A	Closed	7.28Y	121.4	0.00	4.62	5.04	0	34	13	93	0.00	0.0	4.048	0.000	0	0	0	16	
PL.16238	PD.2485-B	A	4ACSR	7.28Y	121.4	0.01	4.64	5.04	4	34	13	93	0.00	0.0	4.098	0.050	0	0	0	16	
088505	PL.16238	A	Consumer	7.28Y	121.4	0.00	4.64	0.54	0	4	1	97	0.00	0.0	4.098	0.000	4	1	1	1	
PL.28141	PL.16238	A	4ACSR	7.28Y	121.4	0.00	4.64	4.50	4	31	12	93	0.00	0.0	4.115	0.017	0	0	0	15	
PL.28142	PL.28141	A	4ACSR	7.28Y	121.3	0.02	4.66	4.05	3	27	11	93	0.00	0.0	4.222	0.107	0	0	0	14	
PL.14207	PL.28142	A	4ACSR	7.28Y	121.3	0.02	4.68	3.72	3	25	10	93	0.00	0.0	4.351	0.129	0	0	0	13	
PL.14208	PL.14207	A	4ACSR	7.28Y	121.3	0.00	4.69	0.82	1	6	2	95	0.00	0.0	4.466	0.115	0	0	0	3	

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.16234	PL.14208	A	4ACSR	7.28Y	121.3	0.00	4.69	0.61	1	4	2	89	0.00	0.0	4.472	0.006	0	0	0	2
PD.2286	PL.16234	A	fuse6AMP	7.28Y	121.3	0.00	4.69	0.61	11	4	2	89	0.00	0.0	4.472	0.000	0	0	0	2
PL.16235	PD.2286	A	4ACSR	7.28Y	121.3	0.00	4.69	0.61	1	4	2	89	0.00	0.0	4.558	0.086	0	0	0	2
PL.21797	PL.16235	A	4ACSR	7.28Y	121.3	0.00	4.69	0.41	0	3	1	95	0.00	0.0	4.615	0.057	0	0	0	1
089510	PL.21797	A	Consumer	7.28Y	121.3	0.00	4.69	0.41	0	3	1	95	0.00	0.0	4.615	0.000	3	1	1	1
PL.14209	PL.16235	A	4ACSR	7.28Y	121.3	0.01	4.69	0.21	0	1	1	71	0.00	0.0	5.165	0.607	0	0	0	1
089501	PL.14209	A	Consumer	7.28Y	121.3	0.00	4.69	0.21	0	1	1	71	0.00	0.0	5.165	0.000	1	1	1	1
089503	PL.14208	A	Consumer	7.28Y	121.3	0.00	4.69	0.21	0	1	1	71	0.00	0.0	4.466	0.000	1	1	1	1
PL.16233	PL.14207	A	4ACSR	7.28Y	121.3	0.00	4.68	2.90	2	20	8	93	0.00	0.0	4.358	0.007	0	0	0	10
PD.2285	PL.16233	A	fuse6AMP	7.28Y	121.3	0.00	4.68	2.90	50	20	8	93	0.00	0.0	4.358	0.000	0	0	0	10
PL.23428	PD.2285	A	4ACSR	7.28Y	121.3	0.02	4.71	2.90	2	20	8	93	0.00	0.0	4.544	0.186	0	0	0	10
PL.28642	PL.23428	A	4ACSR	7.28Y	121.3	0.01	4.72	2.44	2	17	6	94	0.00	0.0	4.655	0.111	0	0	0	9
PL.35630	PL.28642	A	4ACSR	7.28Y	121.3	0.00	4.72	0.06	0	0	0	100	0.00	0.0	4.662	0.007	0	0	0	1
PD.5246	PL.35630	A	fuse6AMP	7.28Y	121.3	0.00	4.72	0.06	1	0	0	100	0.00	0.0	4.662	0.000	0	0	0	1
PL.35631	PD.5246	A	4ACSR	7.28Y	121.3	0.00	4.72	0.06	0	0	0	100	0.00	0.0	4.717	0.055	0	0	0	1
089507	PL.35631	A	Consumer	7.28Y	121.3	0.00	4.72	0.06	0	0	0	100	0.00	0.0	4.717	0.000	0	0	1	1
PL.21683	PL.35631	A	4ACSR	7.28Y	121.3	0.00	4.72	0.00	0	0	0	100	0.00	0.0	4.766	0.049	0	0	0	0
PL.22286	PL.28642	A	4ACSR	7.28Y	121.3	0.00	4.72	2.39	2	16	6	94	0.00	0.0	4.659	0.003	0	0	0	8
PL.22284	PL.22286	A	4ACSR	7.28Y	121.3	0.00	4.72	2.39	2	16	6	94	0.00	0.0	4.695	0.036	0	0	0	8
140501	PL.22284	A	Consumer	7.28Y	121.3	0.00	4.72	1.02	0	7	3	92	0.00	0.0	4.695	0.000	7	3	1	1
140507	PL.22284	A	Consumer	7.28Y	121.3	0.00	4.72	0.38	0	3	1	95	0.00	0.0	4.695	0.000	3	1	1	1
PL.22285	PL.22284	A	4ACSR	7.28Y	121.3	0.00	4.72	0.51	0	3	1	95	0.00	0.0	4.749	0.054	0	0	0	2
PL.22280	PL.22285	A	4ACSR	7.28Y	121.3	0.00	4.73	0.49	0	3	1	95	0.00	0.0	4.872	0.123	0	0	0	1
PL.22281	PL.22280	A	4ACSR	7.28Y	121.3	0.00	4.73	0.49	0	3	1	95	0.00	0.0	4.942	0.070	0	0	0	1
140505	PL.22281	A	Consumer	7.28Y	121.3	0.00	4.73	0.49	0	3	1	95	0.00	0.0	4.942	0.000	3	1	1	1
PL.22282	PL.22280	A	4ACSR	7.28Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	5.039	0.167	0	0	0	0
PL.22279	PL.22282	A	4ACSR	7.28Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	5.118	0.079	0	0	0	0
PL.22277	PL.22279	A	4ACSR	7.28Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	5.194	0.076	0	0	0	0
PL.22278	PL.22277	A	4ACSR	7.28Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	5.238	0.044	0	0	0	0
140604	PL.22285	A	Consumer	7.28Y	121.3	0.00	4.72	0.00	0	0	0	100	0.00	0.0	4.749	0.000	0	0	0	0
140509	PL.22285	A	Consumer	7.28Y	121.3	0.00	4.72	0.03	0	0	0	100	0.00	0.0	4.749	0.000	0	0	1	1
PL.35632	PL.22284	A	4ACSR	7.28Y	121.3	0.00	4.72	0.48	0	3	1	95	0.00	0.0	4.709	0.014	0	0	0	4
PD.5247	PL.35632	A	fuse6AMP	7.28Y	121.3	0.00	4.72	0.48	8	3	1	95	0.00	0.0	4.709	0.000	0	0	0	4
PL.35633	PD.5247	A	4ACSR	7.28Y	121.3	0.00	4.72	0.48	0	3	1	95	0.00	0.0	4.724	0.015	0	0	0	4
140506	PL.35633	A	Consumer	7.28Y	121.3	0.00	4.72	0.20	0	1	1	71	0.00	0.0	4.724	0.000	1	1	1	1
PL.22414	PL.35633	A	4ACSR	7.28Y	121.3	0.00	4.72	0.28	0	2	1	89	0.00	0.0	4.751	0.028	0	0	0	3
PL.28202	PL.22414	A	4ACSR	7.28Y	121.3	0.00	4.73	0.12	0	1	0	100	0.00	0.0	4.899	0.148	0	0	0	1
PL.22283	PL.28202	A	4ACSR	7.28Y	121.3	0.00	4.73	0.12	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\SUMMER\PROPOSED SUMMER 06-10 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.21796	PL.22283	A	4ACSR	7.28Y	121.3	0.00	4.73	0.12	0	1	0	100	0.00	0.0	4.959	0.057	0	0	0	1
089509	PL.21796	A	Consumer	7.28Y	121.3	0.00	4.73	0.12	0	1	0	100	0.00	0.0	4.959	0.000	1	0	1	1
140502	PL.22414	A	Consumer	7.28Y	121.3	0.00	4.72	0.11	0	1	0	100	0.00	0.0	4.751	0.000	1	0	1	1
140511	PL.22414	A	Consumer	7.28Y	121.3	0.00	4.72	0.05	0	0	0	100	0.00	0.0	4.751	0.000	0	0	1	1
PL.35628	PL.23428	A	4ACSR	7.28Y	121.3	0.00	4.71	0.46	0	3	1	95	0.00	0.0	4.548	0.004	0	0	0	1
PD.5245	PL.35628	A	fuse6AMP	7.28Y	121.3	0.00	4.71	0.46	8	3	1	95	0.00	0.0	4.548	0.000	0	0	0	1
PL.35629	PD.5245	A	4ACSR	7.28Y	121.3	0.00	4.71	0.46	0	3	1	95	0.00	0.0	4.600	0.052	0	0	0	1
089512	PL.35629	A	Consumer	7.28Y	121.3	0.00	4.71	0.46	0	3	1	95	0.00	0.0	4.600	0.000	3	1	1	1
089508	PL.28142	A	Consumer	7.28Y	121.3	0.00	4.66	0.32	0	2	1	89	0.00	0.0	4.222	0.000	2	1	1	1
088613	PL.28141	A	Consumer	7.28Y	121.4	0.00	4.64	0.46	0	3	1	95	0.00	0.0	4.115	0.000	3	1	1	1
PL.35612	PL.21680	A	4ACSR	7.29Y	121.4	0.00	4.58	0.87	1	6	2	95	0.00	0.0	3.881	0.013	0	0	0	2
PD.5242	PL.35612	A	fuse6AMP	7.29Y	121.4	0.00	4.58	0.87	15	6	2	95	0.00	0.0	3.881	0.000	0	0	0	2
PL.35613	PD.5242	A	4ACSR	7.28Y	121.4	0.00	4.59	0.87	1	6	2	95	0.00	0.0	3.959	0.078	0	0	0	2
088621	PL.35613	A	Consumer	7.28Y	121.4	0.00	4.59	0.00	0	0	0	100	0.00	0.0	3.959	0.000	0	0	1	1
0886034	PL.35613	A	Consumer	7.28Y	121.4	0.00	4.59	0.87	0	6	2	95	0.00	0.0	3.959	0.000	6	2	1	1
088616	PL.21680	A	Consumer	7.29Y	121.4	0.00	4.58	0.58	0	4	2	89	0.00	0.0	3.868	0.000	4	2	1	1
088605	PL.16245	A	Consumer	7.30Y	121.7	0.00	4.35	0.56	0	4	1	97	0.00	0.0	3.236	0.000	4	1	1	1
PL.16243	PL.25278	A	4ACSR	7.30Y	121.7	0.01	4.33	13.05	11	89	35	93	0.00	0.0	3.200	0.009	0	0	0	37
PD.756-A	PL.16243	A	Closed	7.30Y	121.7	0.00	4.33	13.05	0	89	35	93	0.00	0.0	3.200	0.000	0	0	0	37
PD.756-B	PD.756-A	A	Closed	7.30Y	121.7	0.00	4.33	13.05	0	89	35	93	0.00	0.0	3.200	0.000	0	0	0	37
PL.27314	PD.756-B	A	4ACSR	7.30Y	121.6	0.07	4.40	13.05	11	89	35	93	0.05	0.1	3.313	0.113	0	0	0	37
PL.35600	PL.27314	A	4ACSR	7.30Y	121.6	0.00	4.40	0.00	0	0	0	100	0.00	0.0	3.318	0.004	0	0	0	0
PD.5237	PL.35600	A	fuse6AMP	7.30Y	121.6	0.00	4.40	0.00	0	0	0	100	0.00	0.0	3.318	0.000	0	0	0	0
PL.35601	PD.5237	A	4ACSR	7.30Y	121.6	0.00	4.40	0.00	0	0	0	100	0.00	0.0	3.368	0.050	0	0	0	0
088620	PL.35601	A	Consumer	7.30Y	121.6	0.00	4.40	0.00	0	0	0	100	0.00	0.0	3.368	0.000	0	0	0	0
PL.27315	PL.27314	A	4ACSR	7.29Y	121.6	0.03	4.42	13.05	11	89	35	93	0.02	0.0	3.356	0.042	0	0	0	37
PD.3460	PL.27315	A	50V4E	7.29Y	121.6	0.00	4.42	13.05	26	89	35	93	0.00	0.0	3.356	0.000	0	0	0	37
PL.17953	PD.3460	A	4ACSR	7.29Y	121.6	0.01	4.43	13.05	11	89	35	93	0.01	0.0	3.370	0.015	0	0	0	37
PL.17954	PL.17953	A	4ACSR	7.29Y	121.6	0.01	4.44	12.09	10	82	32	93	0.01	0.0	3.392	0.022	0	0	0	36
PL.16242	PL.17954	A	4ACSR	7.29Y	121.5	0.10	4.54	12.09	10	82	32	93	0.06	0.1	3.569	0.177	0	0	0	36
088631	PL.16242	A	Consumer	7.29Y	121.5	0.00	4.54	0.00	0	0	0	100	0.00	0.0	3.569	0.000	0	0	1	1
088632	PL.16242	A	Consumer	7.29Y	121.5	0.00	4.54	0.03	0	0	0	100	0.00	0.0	3.569	0.000	0	0	1	1
088627	PL.16242	A	Consumer	7.29Y	121.5	0.00	4.54	0.93	0	6	2	95	0.00	0.0	3.569	0.000	6	2	1	1
PL.24833	PL.16242	A	4ACSR	7.29Y	121.4	0.03	4.57	11.13	9	76	29	93	0.02	0.0	3.633	0.064	0	0	0	33
PL.24834	PL.24833	A	4ACSR	7.28Y	121.4	0.01	4.59	11.13	9	76	29	93	0.01	0.0	3.656	0.023	0	0	0	33
PL.25277	PL.24834	A	4ACSR	7.28Y	121.3	0.09	4.67	10.56	9	72	28	93	0.05	0.1	3.834	0.178	0	0	0	32
PL.16236	PL.25277	A	4ACSR	7.28Y	121.3	0.00	4.67	10.08	8	68	26	93	0.00	0.0	3.837	0.003	0	0	0	31
PD.755-A	PL.16236	A	Closed	7.28Y	121.3	0.00	4.67	10.08	0	68	26	93	0.00	0.0	3.837	0.000	0	0	0	31

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
PD.755-B	PD.755-A	A	Closed	7.28Y	121.3	0.00	4.67	10.08	0	68	26	93	0.00	0.0	3.837	0.000	0	0	0	31
PL.16237	PD.755-B	A	4ACSR	7.28Y	121.3	0.04	4.71	10.08	8	68	26	93	0.02	0.0	3.924	0.087	0	0	0	31
PL.35677	PL.16237	A	4ACSR	7.28Y	121.3	0.00	4.71	0.77	1	5	2	93	0.00	0.0	3.934	0.010	0	0	0	3
PD.5252	PL.35677	A	fuse6AMP	7.28Y	121.3	0.00	4.71	0.77	13	5	2	93	0.00	0.0	3.934	0.000	0	0	0	3
PL.35678	PD.5252	A	4ACSR	7.28Y	121.3	0.00	4.71	0.77	1	5	2	93	0.00	0.0	3.938	0.004	0	0	0	3
PL.5245	PL.35678	A	4ACSR	7.28Y	121.3	0.00	4.71	0.00	0	0	0	100	0.00	0.0	3.996	0.058	0	0	0	1
089614	PL.5245	A	Consumer	7.28Y	121.3	0.00	4.71	0.00	0	0	0	100	0.00	0.0	3.996	0.000	0	0	1	1
PL.14398	PL.35678	A	4ACSR	7.28Y	121.3	0.00	4.72	0.77	1	5	2	93	0.00	0.0	4.040	0.102	0	0	0	2
PL.39882	PL.14398	A	2ACSR	7.28Y	121.3	0.00	4.72	0.00	0	0	0	100	0.00	0.0	4.097	0.057	0	0	0	1
0896015	PL.39882	A	Consumer	7.28Y	121.3	0.00	4.72	0.00	0	0	0	100	0.00	0.0	4.097	0.000	0	0	1	1
089611	PL.14398	A	Consumer	7.28Y	121.3	0.00	4.72	0.77	0	5	2	93	0.00	0.0	4.040	0.000	5	2	1	1
PL.14399	PL.16237	A	4ACSR	7.27Y	121.2	0.13	4.85	9.31	8	63	24	93	0.06	0.1	4.230	0.306	0	0	0	28
089610	PL.14399	A	Consumer	7.27Y	121.2	0.00	4.85	0.00	0	0	0	100	0.00	0.0	4.230	0.000	0	0	0	0
089613	PL.14399	A	Consumer	7.27Y	121.2	0.00	4.85	0.60	0	4	2	89	0.00	0.0	4.230	0.000	4	2	1	1
089612	PL.14399	A	Consumer	7.27Y	121.2	0.00	4.85	0.00	0	0	0	100	0.00	0.0	4.230	0.000	0	0	0	0
PL.14195	PL.14399	A	4ACSR	7.27Y	121.1	0.03	4.87	8.60	7	58	23	93	0.01	0.0	4.298	0.068	0	0	0	26
PL.54	PL.14195	A	4ACSR	7.26Y	121.0	0.10	4.97	8.60	7	58	23	93	0.04	0.1	4.550	0.251	0	0	0	26
PL.16228	PL.54	A	4ACSR	7.26Y	121.0	0.01	4.98	5.76	5	39	15	93	0.00	0.0	4.575	0.025	0	0	0	13
C PD.681	PL.16228	A	fuse6AMP	7.26Y	121.0	0.00	4.98	5.76	98	39	15	93	0.00	0.0	4.575	0.000	0	0	0	13 C
PL.16229	PD.681	A	4ACSR	7.26Y	121.0	0.02	5.00	5.76	5	39	15	93	0.01	0.0	4.655	0.080	0	0	0	13
PL.22268	PL.16229	A	4ACSR	7.26Y	121.0	0.01	5.01	2.07	2	14	5	94	0.00	0.0	4.739	0.084	0	0	0	3
140606	PL.22268	A	Consumer	7.26Y	121.0	0.00	5.01	1.06	0	7	3	92	0.00	0.0	4.739	0.000	7	3	1	1
PL.22269	PL.22268	A	4ACSR	7.26Y	121.0	0.00	5.01	1.01	1	7	3	92	0.00	0.0	4.805	0.066	0	0	0	2
PL.22271	PL.22269	A	4ACSR	7.26Y	121.0	0.00	5.01	0.04	0	0	0	100	0.00	0.0	4.929	0.124	0	0	0	1
PL.22270	PL.22271	A	4ACSR	7.26Y	121.0	0.00	5.01	0.04	0	0	0	100	0.00	0.0	4.983	0.054	0	0	0	1
140609	PL.22270	A	Consumer	7.26Y	121.0	0.00	5.01	0.04	0	0	0	100	0.00	0.0	4.983	0.000	0	0	1	1
140612	PL.22269	A	Consumer	7.26Y	121.0	0.00	5.01	0.00	0	0	0	100	0.00	0.0	4.805	0.000	0	0	0	0
140613	PL.22269	A	Consumer	7.26Y	121.0	0.00	5.01	0.97	0	7	3	92	0.00	0.0	4.805	0.000	7	3	1	1
PL.22411	PL.16229	A	4ACSR	7.26Y	121.0	0.00	5.00	1.23	1	8	3	94	0.00	0.0	4.711	0.056	0	0	0	3
PL.22412	PL.22411	A	4ACSR	7.26Y	121.0	0.00	5.00	1.23	1	8	3	94	0.00	0.0	4.744	0.034	0	0	0	2
140614	PL.22412	A	Consumer	7.26Y	121.0	0.00	5.00	0.83	0	6	2	95	0.00	0.0	4.744	0.000	6	2	1	1
140607	PL.22412	A	Consumer	7.26Y	121.0	0.00	5.00	0.40	0	3	1	95	0.00	0.0	4.744	0.000	3	1	1	1
140615	PL.22411	A	Consumer	7.26Y	121.0	0.00	5.00	0.00	0	0	0	100	0.00	0.0	4.711	0.000	0	0	1	1
PL.14211	PL.16229	A	4ACSR	7.26Y	121.0	0.02	5.02	2.45	2	17	6	94	0.00	0.0	4.803	0.149	0	0	0	7
PL.14212	PL.14211	A	4ACSR	7.26Y	121.0	0.01	5.02	1.91	2	13	5	93	0.00	0.0	4.867	0.063	0	0	0	6
PL.20941	PL.14212	A	4ACSR	7.26Y	121.0	0.00	5.02	1.63	1	11	4	94	0.00	0.0	4.870	0.003	0	0	0	5
PL.45292	PL.20941	A	4ACSR	7.26Y	121.0	0.01	5.03	1.63	1	11	4	94	0.00	0.0	4.963	0.092	0	0	0	5
1416010	PL.45292	A	Consumer	7.26Y	121.0	0.00	5.03	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\SUMMER\PROPOSED SUMMER 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	7.26Y	121.0	0.01	5.04	1.63	1	11	4	94	0.00	0.0	5.070	0.108	0	0	0	5
PD.116-A	PL.45293	A	Closed	7.26Y	121.0	0.00	5.04	1.63	0	11	4	94	0.00	0.0	5.070	0.000	0	0	0	5
PD.116-B	PD.116-A	A	Closed	7.26Y	121.0	0.00	5.04	1.63	0	11	4	94	0.00	0.0	5.070	0.000	0	0	0	5
PL.16232	PD.116-B	A	4ACSR	7.26Y	120.9	0.02	5.06	1.63	1	11	4	94	0.00	0.0	5.375	0.304	0	0	0	5
PL.14213	PL.16232	A	4ACSR	7.26Y	120.9	0.02	5.08	1.63	1	11	4	94	0.00	0.0	5.613	0.239	0	0	0	5
PL.45938	PL.14213	A	4ACSR	7.26Y	120.9	0.00	5.08	1.17	1	8	3	94	0.00	0.0	5.628	0.015	0	0	0	2
PD.8691	PL.45938	A	fuse6AMP	7.26Y	120.9	0.00	5.08	1.17	20	8	3	94	0.00	0.0	5.628	0.000	0	0	0	2
PL.45939	PD.8691	A	4ACSR	7.25Y	120.9	0.01	5.09	1.17	1	8	3	94	0.00	0.0	5.814	0.186	0	0	0	2
PL.14401	PL.45939	A	4ACSR	7.25Y	120.9	0.00	5.09	0.59	0	4	2	89	0.00	0.0	5.938	0.124	0	0	0	1
141701	PL.14401	A	Consumer	7.25Y	120.9	0.00	5.09	0.59	0	4	2	89	0.00	0.0	5.938	0.000	4	2	1	1
PL.412	PL.45939	A	4ACSR	7.25Y	120.9	0.00	5.09	0.58	0	4	2	89	0.00	0.0	5.885	0.071	0	0	0	1
141702	PL.412	A	Consumer	7.25Y	120.9	0.00	5.09	0.58	0	4	2	89	0.00	0.0	5.885	0.000	4	2	1	1
PL.45940	PL.14213	A	4ACSR	7.26Y	120.9	0.00	5.08	0.46	0	3	1	95	0.00	0.0	5.637	0.024	0	0	0	3
PD.8692	PL.45940	A	fuse6AMP	7.26Y	120.9	0.00	5.08	0.46	8	3	1	95	0.00	0.0	5.637	0.000	0	0	0	3
PL.45941	PD.8692	A	4ACSR	7.26Y	120.9	0.00	5.08	0.46	0	3	1	95	0.00	0.0	5.812	0.174	0	0	0	3
PL.5707	PL.45941	A	4ACSR	7.26Y	120.9	0.00	5.08	0.09	0	1	0	100	0.00	0.0	6.075	0.263	0	0	0	2
141607	PL.5707	A	Consumer	7.26Y	120.9	0.00	5.08	0.05	0	0	0	100	0.00	0.0	6.075	0.000	0	0	1	1
141604	PL.5707	A	Consumer	7.26Y	120.9	0.00	5.08	0.04	0	0	0	100	0.00	0.0	6.075	0.000	0	0	1	1
141608	PL.45941	A	Consumer	7.26Y	120.9	0.00	5.08	0.37	0	2	1	89	0.00	0.0	5.812	0.000	2	1	1	1
PL.22272	PL.14212	A	4ACSR	7.26Y	121.0	0.00	5.02	0.28	0	2	1	89	0.00	0.0	4.948	0.081	0	0	0	1
141609	PL.22272	A	Consumer	7.26Y	121.0	0.00	5.02	0.28	0	2	1	89	0.00	0.0	4.948	0.000	2	1	1	1
1406020	PL.14211	A	Consumer	7.26Y	121.0	0.00	5.02	0.00	0	0	0	100	0.00	0.0	4.803	0.000	0	0	0	0
140616	PL.14211	A	Consumer	7.26Y	121.0	0.00	5.02	0.54	0	4	1	97	0.00	0.0	4.803	0.000	4	1	1	1
PL.16230	PL.54	A	4ACSR	7.26Y	121.0	0.00	4.97	2.85	2	19	7	94	0.00	0.0	4.563	0.013	0	0	0	13
PD.117-A	PL.16230	A	Closed	7.26Y	121.0	0.00	4.97	2.85	0	19	7	94	0.00	0.0	4.563	0.000	0	0	0	13
PD.117-B	PD.117-A	A	Closed	7.26Y	121.0	0.00	4.97	2.85	0	19	7	94	0.00	0.0	4.563	0.000	0	0	0	13
PL.16231	PD.117-B	A	4ACSR	7.26Y	121.0	0.00	4.97	2.85	2	19	7	94	0.00	0.0	4.579	0.017	0	0	0	13
140601	PL.16231	A	Consumer	7.26Y	121.0	0.00	4.97	0.00	0	0	0	100	0.00	0.0	4.579	0.000	0	0	0	0
PL.14210	PL.16231	A	4ACSR	7.26Y	121.0	0.02	4.99	2.85	2	19	7	94	0.00	0.0	4.708	0.129	0	0	0	13
PL.19055	PL.14210	A	4ACSR	7.26Y	121.0	0.04	5.03	2.81	2	19	7	94	0.01	0.0	5.013	0.305	0	0	0	12
PL.19056	PL.19055	A	4ACSR	7.26Y	120.9	0.04	5.07	2.81	2	19	7	94	0.01	0.0	5.297	0.284	0	0	0	12
PL.55	PL.19056	A	4ACSR	7.25Y	120.9	0.02	5.09	2.81	2	19	7	94	0.00	0.0	5.486	0.189	0	0	0	12
PD.118-A	PL.55	A	Closed	7.25Y	120.9	0.00	5.09	2.81	0	19	7	94	0.00	0.0	5.486	0.000	0	0	0	12
PD.118-B	PD.118-A	A	Closed	7.25Y	120.9	0.00	5.09	2.81	0	19	7	94	0.00	0.0	5.486	0.000	0	0	0	12
PL.14402	PD.118-B	A	4ACSR	7.25Y	120.9	0.02	5.11	2.81	2	19	7	94	0.00	0.0	5.623	0.137	0	0	0	12
PL.17841	PL.14402	A	4ACSR	7.25Y	120.9	0.02	5.13	2.47	2	17	6	94	0.00	0.0	5.805	0.183	0	0	0	10
PL.42210	PL.17841	A	4ACSR	7.25Y	120.8	0.04	5.17	2.47	2	17	6	94	0.00	0.0	6.128	0.323	0	0	0	10
PL.28143	PL.42210	A	4ACSR	7.25Y	120.8	0.01	5.18	2.47	2	17	6	94	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\SUMMER\PROPOSED SUMMER 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.8559	PL.28143	A	4ACSR	7.25Y	120.8	0.02	5.20	2.47	2	17	6	94	0.00	0.0	6.416	0.185	0	0	0	10
PL.5710	PL.8559	A	4ACSR	7.25Y	120.8	0.00	5.20	1.33	1	9	3	95	0.00	0.0	6.416	0.000	0	0	0	4
PL.16225	PL.5710	A	4ACSR	7.25Y	120.8	0.00	5.20	0.74	1	5	2	93	0.00	0.0	6.427	0.011	0	0	0	3
PD.684	PL.16225	A	fuse6AMP	7.25Y	120.8	0.00	5.20	0.74	13	5	2	93	0.00	0.0	6.427	0.000	0	0	0	3
PL.16226	PD.684	A	4ACSR	7.25Y	120.8	0.00	5.20	0.74	1	5	2	93	0.00	0.0	6.560	0.133	0	0	0	3
PL.14403	PL.16226	A	4ACSR	7.25Y	120.8	0.01	5.21	0.74	1	5	2	93	0.00	0.0	6.819	0.259	0	0	0	3
PL.14404	PL.14403	A	4ACSR	7.25Y	120.8	0.00	5.21	0.42	0	3	1	95	0.00	0.0	6.894	0.075	0	0	0	2
PL.35596	PL.14404	A	4ACSR	7.25Y	120.8	0.00	5.21	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	7.25Y	120.8	0.00	5.21	0.00	0	0	0	100	0.00	0.0	7.113	0.000	0	0	0	0
141526	PL.14404	A	Consumer	7.25Y	120.8	0.00	5.21	0.00	0	0	0	100	0.00	0.0	6.894	0.000	0	0	1	1
141522	PL.14404	A	Consumer	7.25Y	120.8	0.00	5.21	0.42	0	3	1	95	0.00	0.0	6.894	0.000	3	1	1	1
PL.35598	PL.14403	A	4ACSR	7.25Y	120.8	0.00	5.21	0.31	0	2	1	89	0.00	0.0	6.824	0.005	0	0	0	1
PD.5236	PL.35598	A	fuse6AMP	7.25Y	120.8	0.00	5.21	0.31	5	2	1	89	0.00	0.0	6.824	0.000	0	0	0	1
PL.45279	PD.5236	A	4ACSR	7.25Y	120.8	0.00	5.21	0.31	0	2	1	89	0.00	0.0	6.908	0.084	0	0	0	1
141521	PL.45279	A	Consumer	7.25Y	120.8	0.00	5.21	0.31	0	2	1	89	0.00	0.0	6.908	0.000	2	1	1	1
PL.35599	PD.5236	A	4ACSR	7.25Y	120.8	0.00	5.21	0.00	0	0	0	100	0.00	0.0	6.864	0.040	0	0	0	0
141502	PL.35599	A	Consumer	7.25Y	120.8	0.00	5.21	0.00	0	0	0	100	0.00	0.0	6.864	0.000	0	0	0	0
141524	PL.35599	A	Consumer	7.25Y	120.8	0.00	5.21	0.00	0	0	0	100	0.00	0.0	6.864	0.000	0	0	0	0
141528	PL.5710	A	Consumer	7.25Y	120.8	0.00	5.20	0.59	0	4	2	89	0.00	0.0	6.416	0.000	4	2	1	1
PL.16223	PL.8559	A	4ACSR	7.25Y	120.8	0.00	5.20	1.14	1	8	3	94	0.00	0.0	6.427	0.011	0	0	0	6
PD.682	PL.16223	A	fuse6AMP	7.25Y	120.8	0.00	5.20	1.14	19	8	3	94	0.00	0.0	6.427	0.000	0	0	0	6
PL.16224	PD.682	A	4ACSR	7.25Y	120.8	0.00	5.20	1.14	1	8	3	94	0.00	0.0	6.467	0.040	0	0	0	6
PL.22287	PL.16224	A	4ACSR	7.25Y	120.8	0.00	5.20	0.46	0	3	1	95	0.00	0.0	6.555	0.088	0	0	0	1
141525	PL.22287	A	Consumer	7.25Y	120.8	0.00	5.20	0.46	0	3	1	95	0.00	0.0	6.555	0.000	3	1	1	1
PL.14405	PL.16224	A	4ACSR	7.25Y	120.8	0.00	5.20	0.68	1	5	2	93	0.00	0.0	6.490	0.023	0	0	0	5
PL.5709	PL.14405	A	4ACSR	7.25Y	120.8	0.00	5.21	0.61	1	4	2	89	0.00	0.0	6.572	0.083	0	0	0	4
1415029	PL.5709	A	Consumer	7.25Y	120.8	0.00	5.21	0.00	0	0	0	100	0.00	0.0	6.572	0.000	0	0	0	0
PL.19548	PL.5709	A	4ACSR	7.25Y	120.8	0.00	5.21	0.61	1	4	2	89	0.00	0.0	6.687	0.115	0	0	0	4
PL.19549	PL.19548	A	4ACSR	7.25Y	120.8	0.00	5.21	0.34	0	2	1	89	0.00	0.0	6.741	0.054	0	0	0	3
PL.22288	PL.19549	A	4ACSR	7.25Y	120.8	0.00	5.21	0.07	0	0	0	100	0.00	0.0	6.830	0.088	0	0	0	1
141403	PL.22288	A	Consumer	7.25Y	120.8	0.00	5.21	0.07	0	0	0	100	0.00	0.0	6.830	0.000	0	0	1	1
141404	PL.22288	A	Consumer	7.25Y	120.8	0.00	5.21	0.00	0	0	0	100	0.00	0.0	6.830	0.000	0	0	0	0
PL.16221	PL.19549	A	4ACSR	7.25Y	120.8	0.00	5.21	0.27	0	2	1	89	0.00	0.0	6.752	0.011	0	0	0	2
PD.685	PL.16221	A	fuse6AMP	7.25Y	120.8	0.00	5.21	0.27	5	2	1	89	0.00	0.0	6.752	0.000	0	0	0	2
PL.37911	PD.685	A	4ACSR	7.25Y	120.8	0.00	5.21	0.27	0	2	1	89	0.00	0.0	6.984	0.231	0	0	0	2
PD.6263-A	PL.37911	A	Closed	7.25Y	120.8	0.00	5.21	0.27	0	2	1	89	0.00	0.0	6.984	0.000	0	0	0	2
PD.6263-B	PD.6263-A	A	Closed	7.25Y	120.8	0.00	5.21	0.27	0	2	1	89	0.00	0.0	6.984	0.000	0	0	0	2
PL.37912	PD.6263-B	A	4ACSR	7.25Y	120.8	0.00	5.21	0.27	0	2	1	89	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\SUMMER\PROPOSED SUMMER 06-10 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.37909	PL.37912	A	4ACSR	7.25Y	120.8	0.00	5.21	0.23	0	2	1	89	0.00	0.0	7.002	0.011	0	0	0	1
PL.37910	PL.37909	A	4ACSR	7.25Y	120.8	0.00	5.21	0.23	0	2	1	89	0.00	0.0	7.117	0.115	0	0	0	1
141527	PL.37910	A	Consumer	7.25Y	120.8	0.00	5.21	0.23	0	2	1	89	0.00	0.0	7.117	0.000	2	1	1	1
PL.14406	PL.37912	A	4ACSR	7.25Y	120.8	0.00	5.21	0.04	0	0	0	100	0.00	0.0	7.150	0.158	0	0	0	1
PL.22273	PL.14406	A	4ACSR	7.25Y	120.8	0.00	5.21	0.04	0	0	0	100	0.00	0.0	7.266	0.116	0	0	0	1
PL.22274	PL.22273	A	4ACSR	7.25Y	120.8	0.00	5.21	0.04	0	0	0	100	0.00	0.0	7.398	0.132	0	0	0	1
142503	PL.22274	A	Consumer	7.25Y	120.8	0.00	5.21	0.04	0	0	0	100	0.00	0.0	7.398	0.000	0	0	1	1
142502	PL.22274	A	Consumer	7.25Y	120.8	0.00	5.21	0.00	0	0	0	100	0.00	0.0	7.398	0.000	0	0	0	0
PL.14061	PL.14406	A	4ACSR	7.25Y	120.8	0.00	5.21	0.00	0	0	0	100	0.00	0.0	7.595	0.445	0	0	0	0
141510	PL.19548	A	Consumer	7.25Y	120.8	0.00	5.21	0.27	0	2	1	89	0.00	0.0	6.687	0.000	2	1	1	1
141520	PL.14405	A	Consumer	7.25Y	120.8	0.00	5.20	0.07	0	0	0	100	0.00	0.0	6.490	0.000	0	0	1	1
PL.35608	PL.14402	A	4ACSR	7.25Y	120.9	0.00	5.11	0.17	0	1	0	100	0.00	0.0	5.633	0.010	0	0	0	1
PD.5240	PL.35608	A	fuse6AMP	7.25Y	120.9	0.00	5.11	0.17	3	1	0	100	0.00	0.0	5.633	0.000	0	0	0	1
PL.35609	PD.5240	A	4ACSR	7.25Y	120.9	0.00	5.11	0.17	0	1	0	100	0.00	0.0	5.716	0.083	0	0	0	1
141516	PL.35609	A	Consumer	7.25Y	120.9	0.00	5.11	0.17	0	1	0	100	0.00	0.0	5.716	0.000	1	0	1	1
PL.27998	PL.14402	A	4ACSR	7.25Y	120.9	0.00	5.11	0.17	0	1	0	100	0.00	0.0	5.895	0.273	0	0	0	1
141506	PL.27998	A	Consumer	7.25Y	120.9	0.00	5.11	0.00	0	0	0	100	0.00	0.0	5.895	0.000	0	0	0	0
140508	PL.27998	A	Consumer	7.25Y	120.9	0.00	5.11	0.17	0	1	0	100	0.00	0.0	5.895	0.000	1	0	1	1
141523	PL.27998	A	Consumer	7.25Y	120.9	0.00	5.11	0.00	0	0	0	100	0.00	0.0	5.895	0.000	0	0	0	0
PL.27999	PL.27998	A	4ACSR	7.25Y	120.9	0.00	5.11	0.00	0	0	0	100	0.00	0.0	5.896	0.000	0	0	0	0
PL.35606	PL.14210	A	4ACSR	7.26Y	121.0	-0.00	4.99	0.03	0	0	0	100	0.00	0.0	4.712	0.004	0	0	0	1
PD.5239	PL.35606	A	fuse6AMP	7.26Y	121.0	0.00	4.99	0.03	1	0	0	100	0.00	0.0	4.712	0.000	0	0	0	1
PL.35607	PD.5239	A	4ACSR	7.26Y	121.0	0.00	4.99	0.03	0	0	0	100	0.00	0.0	4.854	0.142	0	0	0	1
140602	PL.35607	A	Consumer	7.26Y	121.0	0.00	4.99	0.03	0	0	0	100	0.00	0.0	4.854	0.000	0	0	1	1
PL.411	PL.14195	A	4ACSR	7.27Y	121.1	0.00	4.87	0.00	0	0	0	100	0.00	0.0	4.301	0.003	0	0	0	0
PL.35604	PL.14399	A	4ACSR	7.27Y	121.2	0.00	4.85	0.11	0	1	0	100	0.00	0.0	4.248	0.017	0	0	0	1
PD.5238	PL.35604	A	fuse6AMP	7.27Y	121.2	0.00	4.85	0.11	2	1	0	100	0.00	0.0	4.248	0.000	0	0	0	1
PL.35605	PD.5238	A	4ACSR	7.27Y	121.2	0.00	4.85	0.11	0	1	0	100	0.00	0.0	4.276	0.028	0	0	0	1
PL.25276	PL.35605	A	4ACSR	7.27Y	121.2	0.00	4.85	0.00	0	0	0	100	0.00	0.0	4.395	0.120	0	0	0	0
089608	PL.35605	A	Consumer	7.27Y	121.2	0.00	4.85	0.11	0	1	0	100	0.00	0.0	4.276	0.000	1	0	1	1
PL.35675	PL.25277	A	4ACSR	7.28Y	121.3	0.00	4.67	0.48	0	3	1	95	0.00	0.0	3.849	0.016	0	0	0	1
PD.5251	PL.35675	A	fuse6AMP	7.28Y	121.3	0.00	4.67	0.48	8	3	1	95	0.00	0.0	3.849	0.000	0	0	0	1
PL.35676	PD.5251	A	4ACSR	7.28Y	121.3	0.00	4.67	0.48	0	3	1	95	0.00	0.0	3.915	0.065	0	0	0	1
089602	PL.35676	A	Consumer	7.28Y	121.3	0.00	4.67	0.48	0	3	1	95	0.00	0.0	3.915	0.000	3	1	1	1
088608	PL.24834	A	Consumer	7.28Y	121.4	0.00	4.59	0.57	0	4	1	97	0.00	0.0	3.656	0.000	4	1	1	1
088622	PL.24834	A	Consumer	7.28Y	121.4	0.00	4.59	0.00	0	0	0	100	0.00	0.0	3.656	0.000	0	0	0	0
PL.35602	PL.17953	A	4ACSR	7.29Y	121.6	0.00	4.43	0.97	1	6	3	89	0.00	0.0	3.380	0.009	0	0	0	1
PD.1819	PL.35602	A	fuse6AMP	7.29Y	121.6	0.00	4.43	0.97	17	6	3	89	0.00	0.0	3.380	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.35603	PD.1819	A	4ACSR	7.29Y	121.6	0.00	4.44	0.97	1	6	3	89	0.00	0.0	3.431	0.052	0	0	0	1
088625	PL.35603	A	Consumer	7.29Y	121.6	0.00	4.44	0.00	0	0	0	100	0.00	0.0	3.431	0.000	0	0	0	0
088630	PL.35603	A	Consumer	7.29Y	121.6	0.00	4.44	0.97	0	6	3	89	0.00	0.0	3.431	0.000	6	3	1	1
088606	PL.16247	A	Consumer	7.30Y	121.7	0.00	4.26	0.61	0	4	2	89	0.00	0.0	3.130	0.000	4	2	1	1
088615	PL.16247	A	Consumer	7.30Y	121.7	0.00	4.26	0.45	0	3	1	95	0.00	0.0	3.130	0.000	3	1	1	1
088628	PL.16247	A	Consumer	7.30Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	3.130	0.000	0	0	0	0
088629	PL.19177	A	Consumer	7.31Y	121.8	0.00	4.16	0.68	0	5	2	93	0.00	0.0	3.035	0.000	5	2	1	1
PL.16248	PL.14069	A	4ACSR	7.36Y	122.7	0.00	3.30	0.32	0	2	1	89	0.00	0.0	2.345	0.017	0	0	0	3
PD.1818	PL.16248	A	fuse6AMP	7.36Y	122.7	0.00	3.30	0.32	5	2	1	89	0.00	0.0	2.345	0.000	0	0	0	3
PL.23429	PD.1818	A	4ACSR	7.36Y	122.7	0.00	3.30	0.32	0	2	1	89	0.00	0.0	2.488	0.144	0	0	0	3
087606	PL.23429	A	Consumer	7.36Y	122.7	0.00	3.30	0.20	0	1	1	71	0.00	0.0	2.488	0.000	1	1	1	1
PL.21791	PL.23429	A	4ACSR	7.36Y	122.7	0.00	3.30	0.12	0	1	0	100	0.00	0.0	2.534	0.046	0	0	0	2
087608	PL.21791	A	Consumer	7.36Y	122.7	0.00	3.30	0.11	0	1	0	100	0.00	0.0	2.534	0.000	1	0	1	1
087614	PL.21791	A	Consumer	7.36Y	122.7	0.00	3.30	0.01	0	0	0	100	0.00	0.0	2.534	0.000	0	0	1	1
PL.5241	PD.1817	A	4ACSR	7.37Y	122.9	0.00	3.12	0.68	1	5	2	93	0.00	0.0	2.260	0.072	0	0	0	1
087605	PL.5241	A	Consumer	7.37Y	122.9	0.00	3.12	0.68	0	5	2	93	0.00	0.0	2.260	0.000	5	2	1	1
PL.5242	PD.1817	A	4ACSR	7.37Y	122.9	0.00	3.12	0.02	0	0	0	100	0.00	0.0	2.252	0.064	0	0	0	1
087619	PL.5242	A	Consumer	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	2.252	0.000	0	0	0	0
087620	PL.5242	A	Consumer	7.37Y	122.9	0.00	3.12	0.02	0	0	0	100	0.00	0.0	2.252	0.000	0	0	1	1
PL.35564	PL.18522	A	4ACSR	7.39Y	123.1	0.00	2.85	4.26	4	29	11	93	0.00	0.0	1.991	0.005	0	0	0	7
PD.5222-A	PL.35564	A	Closed	7.39Y	123.1	0.00	2.85	4.26	0	29	11	93	0.00	0.0	1.991	0.000	0	0	0	7
PD.5222-B	PD.5222-A	A	Closed	7.39Y	123.1	0.00	2.85	4.26	0	29	11	93	0.00	0.0	1.991	0.000	0	0	0	7
PL.35565	PD.5222-B	A	4ACSR	7.39Y	123.1	0.02	2.87	4.26	4	29	11	93	0.00	0.0	2.098	0.108	0	0	0	7
PL.16251	PL.35565	A	4ACSR	7.39Y	123.1	0.00	2.87	3.63	3	25	10	93	0.00	0.0	2.114	0.016	0	0	0	5
PD.1814	PL.16251	A	fuse6AMP	7.39Y	123.1	0.00	2.87	3.63	62	25	10	93	0.00	0.0	2.114	0.000	0	0	0	5
PL.16252	PD.1814	A	4ACSR	7.39Y	123.1	0.01	2.89	3.63	3	25	10	93	0.00	0.0	2.198	0.084	0	0	0	5
087618	PL.16252	A	Consumer	7.39Y	123.1	0.00	2.89	0.53	0	4	1	97	0.00	0.0	2.198	0.000	4	1	1	1
PL.24831	PL.16252	A	4ACSR	7.38Y	123.1	0.06	2.94	3.11	3	21	8	93	0.01	0.0	2.588	0.390	0	0	0	4
PL.25280	PL.24831	A	4ACSR	7.38Y	123.0	0.02	2.97	2.32	2	16	6	94	0.00	0.0	2.810	0.223	0	0	0	3
PL.25279	PL.25280	A	4ACSR	7.38Y	123.0	0.00	2.97	0.00	0	0	0	100	0.00	0.0	2.878	0.067	0	0	0	0
087705	PL.25280	A	Consumer	7.38Y	123.0	0.00	2.97	1.18	0	8	3	94	0.00	0.0	2.810	0.000	8	3	1	1
087704	PL.25280	A	Consumer	7.38Y	123.0	0.00	2.97	0.41	0	3	1	95	0.00	0.0	2.810	0.000	3	1	1	1
087702	PL.25280	A	Consumer	7.38Y	123.0	0.00	2.97	0.73	0	5	2	93	0.00	0.0	2.810	0.000	5	2	1	1
087706	PL.24831	A	Consumer	7.38Y	123.1	0.00	2.94	0.79	0	5	2	93	0.00	0.0	2.588	0.000	5	2	1	1
087621	PL.35565	A	Consumer	7.39Y	123.1	0.00	2.87	0.12	0	1	0	100	0.00	0.0	2.098	0.000	1	0	1	1
087602	PL.35565	A	Consumer	7.39Y	123.1	0.00	2.87	0.52	0	4	1	97	0.00	0.0	2.098	0.000	4	1	1	1
PL.27095	PL.27098	A	4ACSR	7.44Y	123.9	0.00	2.08	0.54	0	4	1	97	0.00	0.0	1.504	0.016	0	0	0	1
PD.2052	PL.27095	A	fuse6AMP	7.44Y	123.9	0.00	2.08	0.54	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\SUMMER\PROPOSED SUMMER 06-10 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.27096	PD.2052	A	4ACSR	7.43Y	123.9	0.00	2.09	0.54	0	4	1	97	0.00	0.0	1.605	0.101	0	0	0	1
086628	PL.27096	A	Consumer	7.43Y	123.9	0.00	2.09	0.54	0	4	1	97	0.00	0.0	1.605	0.000	4	1	1	1
086609	PL.27098	A	Consumer	7.44Y	123.9	0.00	2.08	0.63	0	4	2	89	0.00	0.0	1.488	0.000	4	2	1	1
086632	PL.14078	A	Consumer	7.48Y	124.7	0.00	1.35	0.52	0	4	1	97	0.00	0.0	1.028	0.000	4	1	1	1
PL.27099	PL.14077	A	4ACSR	7.48Y	124.7	0.00	1.29	0.11	0	1	0	100	0.00	0.0	1.016	0.020	0	0	0	1
PD.2051	PL.27099	A	fuse6AMP	7.48Y	124.7	0.00	1.29	0.11	2	1	0	100	0.00	0.0	1.016	0.000	0	0	0	1
PL.27100	PD.2051	A	4ACSR	7.48Y	124.7	0.00	1.29	0.11	0	1	0	100	0.00	0.0	1.080	0.065	0	0	0	1
086607	PL.27100	A	Consumer	7.48Y	124.7	0.00	1.29	0.11	0	1	0	100	0.00	0.0	1.080	0.000	1	0	1	1
086606	PL.18831	A	Consumer	7.49Y	124.8	0.00	1.20	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	7.55Y	125.9	0.01	0.10	7.05	4	50	19	93	0.00	0.0	0.150	0.075	0	0	0	20
PL.20433	PL.404	A	4ACSR	7.55Y	125.9	0.00	0.10	7.05	6	50	19	93	0.00	0.0	0.155	0.005	0	0	0	20
PD.3456	PL.20433	A	50V4E	7.55Y	125.9	0.00	0.10	7.05	14	50	19	93	0.00	0.0	0.155	0.000	0	0	0	20
PL.20434	PD.3456	A	4ACSR	7.55Y	125.9	0.04	0.14	7.05	6	50	19	93	0.02	0.0	0.288	0.133	0	0	0	20
PL.21062	PL.20434	A	4ACSR	7.55Y	125.9	0.00	0.14	1.09	1	8	3	94	0.00	0.0	0.302	0.014	0	0	0	4
PL.21063	PL.21062	A	4ACSR	7.55Y	125.9	0.00	0.15	1.09	1	8	3	94	0.00	0.0	0.353	0.051	0	0	0	4
PL.5219	PL.21063	A	4ACSR	7.55Y	125.9	0.00	0.15	0.49	0	3	1	95	0.00	0.0	0.437	0.084	0	0	0	2
PL.5220	PL.5219	A	4ACSR	7.55Y	125.9	0.00	0.15	0.49	0	3	1	95	0.00	0.0	0.520	0.084	0	0	0	2
085622	PL.5220	A	Consumer	7.55Y	125.9	0.00	0.15	0.23	0	2	1	89	0.00	0.0	0.520	0.000	2	1	1	1
PL.32956	PL.5220	A	4ACSR	7.55Y	125.9	0.00	0.15	0.26	0	2	1	89	0.00	0.0	0.568	0.047	0	0	0	1
0856035	PL.32956	A	Consumer	7.55Y	125.9	0.00	0.15	0.26	0	2	1	89	0.00	0.0	0.568	0.000	2	1	1	1
PL.5226	PL.21063	A	4ACSR	7.55Y	125.9	0.00	0.15	0.59	0	4	2	89	0.00	0.0	0.453	0.100	0	0	0	2
PL.5227	PL.5226	A	4ACSR	7.55Y	125.9	0.00	0.15	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	0.15	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	0.15	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	0.15	0.59	0	4	2	89	0.00	0.0	0.453	0.000	4	2	1	1
PL.14393	PL.20434	A	4ACSR	7.55Y	125.8	0.09	0.23	5.97	5	42	16	93	0.03	0.1	0.602	0.314	0	0	0	16
PL.27686	PL.14393	A	4ACSR	7.55Y	125.8	0.00	0.23	0.02	0	0	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	0.23	0.02	0	0	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	0.23	0.02	0	0	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	0.23	0.02	0	0	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	0.23	0.02	0	0	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	0.23	0.02	0	0	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	0.23	0.02	0	0	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	0.23	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	0.23	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	0.23	0.02	0	0	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	0.23	0.02	0	0	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	0.23	0.02	0	0	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\SUMMER\PROPOSED SUMMER 06-10 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.20167	PL.20168	A	4ACSR	7.55Y	125.8	0.00	0.23	0.02	0	0	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	0.23	0.02	0	0	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	0.23	0.02	0	0	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	0.23	0.02	0	0	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	0.23	0.02	0	0	0	100	0.00	0.0	1.390	0.000	0	0	1	1
PL.35563	PL.14393	A	4ACSR	7.55Y	125.8	0.00	0.23	5.73	5	40	16	93	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	0.23	5.73	0	40	16	93	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	0.23	5.73	0	40	16	93	0.00	0.0	0.609	0.000	0	0	0	14
PL.35562	PD.5221-B	A	4ACSR	7.54Y	125.7	0.03	0.26	5.73	5	40	16	93	0.01	0.0	0.708	0.099	0	0	0	14
PL.8464	PL.35562	A	4ACSR	7.54Y	125.7	0.02	0.27	5.51	5	39	15	93	0.00	0.0	0.774	0.066	0	0	0	12
PL.14391	PL.8464	A	4ACSR	7.54Y	125.7	0.01	0.28	5.51	5	39	15	93	0.00	0.0	0.799	0.026	0	0	0	12
PL.27688	PL.14391	A	4ACSR	7.54Y	125.7	0.00	0.28	5.51	5	39	15	93	0.00	0.0	0.808	0.009	0	0	0	12
PD.24-A	PL.27688	A	Closed	7.54Y	125.7	0.00	0.28	5.51	0	39	15	93	0.00	0.0	0.808	0.000	0	0	0	12
PD.24-B	PD.24-A	A	Closed	7.54Y	125.7	0.00	0.28	5.51	0	39	15	93	0.00	0.0	0.808	0.000	0	0	0	12
PL.27687	PD.24-B	A	4ACSR	7.54Y	125.7	0.02	0.30	5.51	5	39	15	93	0.01	0.0	0.877	0.069	0	0	0	12
PL.5040	PL.27687	A	4ACSR	7.54Y	125.7	0.00	0.30	0.57	0	4	2	89	0.00	0.0	0.943	0.066	0	0	0	1
084602	PL.5040	A	Consumer	7.54Y	125.7	0.00	0.30	0.57	0	4	2	89	0.00	0.0	0.943	0.000	4	2	1	1
PL.8303	PL.27687	A	4ACSR	7.54Y	125.7	0.03	0.32	3.77	3	27	10	94	0.00	0.0	1.023	0.145	0	0	0	6
084613	PL.8303	A	Consumer	7.54Y	125.7	0.00	0.32	0.31	0	2	1	89	0.00	0.0	1.023	0.000	2	1	1	1
084615	PL.8303	A	Consumer	7.54Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	1.023	0.000	0	0	0	0
PL.14390	PL.8303	A	4ACSR	7.54Y	125.7	0.01	0.33	3.46	3	24	9	94	0.00	0.0	1.080	0.058	0	0	0	5
PL.18347	PL.14390	A	4ACSR	7.54Y	125.7	0.00	0.33	1.26	1	9	3	95	0.00	0.0	1.094	0.014	0	0	0	2
PD.26-A	PL.18347	A	Closed	7.54Y	125.7	0.00	0.33	1.26	0	9	3	95	0.00	0.0	1.094	0.000	0	0	0	2
PD.26-B	PD.26-A	A	Closed	7.54Y	125.7	0.00	0.33	1.26	0	9	3	95	0.00	0.0	1.094	0.000	0	0	0	2
PL.18348	PD.26-B	A	4ACSR	7.54Y	125.7	0.00	0.34	1.26	1	9	3	95	0.00	0.0	1.173	0.079	0	0	0	2
PL.5041	PL.18348	A	4ACSR	7.54Y	125.7	0.00	0.34	1.26	1	9	3	95	0.00	0.0	1.235	0.061	0	0	0	2
084618	PL.5041	A	Consumer	7.54Y	125.7	0.00	0.34	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	0.34	0.77	0	5	2	93	0.00	0.0	1.235	0.000	5	2	1	1
084620	PL.5041	A	Consumer	7.54Y	125.7	0.00	0.34	0.48	0	3	1	95	0.00	0.0	1.235	0.000	3	1	1	1
PL.20590	PL.14390	A	4ACSR	7.54Y	125.7	0.00	0.33	2.20	2	15	6	93	0.00	0.0	1.097	0.016	0	0	0	3
PD.1160	PL.20590	A	fuse6AMP	7.54Y	125.7	0.00	0.33	2.20	38	15	6	93	0.00	0.0	1.097	0.000	0	0	0	3
PL.20589	PD.1160	A	4ACSR	7.54Y	125.6	0.03	0.36	2.20	2	15	6	93	0.00	0.0	1.370	0.273	0	0	0	3
PL.19072	PL.20589	A	4ACSR	7.54Y	125.6	0.00	0.37	2.20	2	15	6	93	0.00	0.0	1.416	0.046	0	0	0	3
PL.19071	PL.19072	A	4ACSR	7.54Y	125.6	0.00	0.37	1.50	1	11	4	94	0.00	0.0	1.464	0.048	0	0	0	1
084513	PL.19071	A	Consumer	7.54Y	125.6	0.00	0.37	1.50	0	11	4	94	0.00	0.0	1.464	0.000	11	4	1	1
PL.41211	PL.19071	A	4ACSR	7.54Y	125.6	0.00	0.37	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	125.6	0.00	0.37	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	125.6	0.00	0.37	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\SUMMER\PROPOSED SUMMER 06-10 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	125.6	0.00	0.37	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	125.6	0.00	0.37	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	125.6	0.00	0.37	0.66	0	5	2	93	0.00	0.0	1.416	0.000	5	2	1	1
084555	PL.19072	A	Consumer	7.54Y	125.6	0.00	0.37	0.05	0	0	0	100	0.00	0.0	1.416	0.000	0	0	1	1
084608	PL.27687	A	Consumer	7.54Y	125.7	0.00	0.30	0.31	0	2	1	89	0.00	0.0	0.877	0.000	2	1	1	1
PL.19399	PL.27687	A	4ACSR	7.54Y	125.7	0.00	0.30	0.86	1	6	2	95	0.00	0.0	0.890	0.013	0	0	0	4
PD.1161	PL.19399	A	fuse6AMP	7.54Y	125.7	0.00	0.30	0.86	15	6	2	95	0.00	0.0	0.890	0.000	0	0	0	4
PL.19400	PD.1161	A	4ACSR	7.54Y	125.7	0.00	0.30	0.86	1	6	2	95	0.00	0.0	0.913	0.023	0	0	0	4
PL.8302	PL.19400	A	4ACSR	7.54Y	125.7	0.00	0.30	0.69	1	5	2	93	0.00	0.0	0.977	0.064	0	0	0	3
084605	PL.8302	A	Consumer	7.54Y	125.7	0.00	0.30	0.11	0	1	0	100	0.00	0.0	0.977	0.000	1	0	1	1
084604	PL.8302	A	Consumer	7.54Y	125.7	0.00	0.30	0.27	0	2	1	89	0.00	0.0	0.977	0.000	2	1	1	1
084623	PL.8302	A	Consumer	7.54Y	125.7	0.00	0.30	0.31	0	2	1	89	0.00	0.0	0.977	0.000	2	1	1	1
084603	PL.19400	A	Consumer	7.54Y	125.7	0.00	0.30	0.17	0	1	0	100	0.00	0.0	0.913	0.000	1	0	1	1
085617	PL.35562	A	Consumer	7.54Y	125.7	0.00	0.26	0.19	0	1	1	71	0.00	0.0	0.708	0.000	1	1	1	1
085603	PL.35562	A	Consumer	7.54Y	125.7	0.00	0.26	0.02	0	0	0	100	0.00	0.0	0.708	0.000	0	0	1	1
PL.35560	PL.14393	A	4ACSR	7.55Y	125.8	0.00	0.23	0.22	0	2	1	89	0.00	0.0	0.620	0.017	0	0	0	1
PD.5220	PL.35560	A	fuse6AMP	7.55Y	125.8	0.00	0.23	0.22	4	2	1	89	0.00	0.0	0.620	0.000	0	0	0	1
PL.35561	PD.5220	A	4ACSR	7.55Y	125.8	0.00	0.23	0.22	0	2	1	89	0.00	0.0	0.655	0.035	0	0	0	1
085604	PL.35561	A	Consumer	7.55Y	125.8	0.00	0.23	0.22	0	2	1	89	0.00	0.0	0.655	0.000	2	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	616	0	0	0	0	0	16		0.00	632
KVAR	239	0	0	0	0	0	11			250

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 120.31 volts on PL.35595	5.69 volts on PL.35595	0.44 volts on PL.27098
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\SUMMER\PROPOSED SUMMER 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. 2 (HINKSTON2) Beginning with Device PD.8110.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.28055, PL.44153, etc.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.23160	PL.23159	B	4ACSR	14.97Y	124.7	0.00	1.27	1.12	1	15	8	88	0.00	0.0	3.247	0.047	0	0	0	1
432408	PL.23160	B	Consumer	14.97Y	124.7	0.00	1.27	1.12	0	15	8	88	0.00	0.0	3.247	0.000	15	8	1	1
PL.20961	PL.20960	B	4ACSR	14.97Y	124.7	0.01	1.28	5.94	5	79	42	88	0.00	0.0	3.216	0.052	0	0	0	4
432406	PL.20961	B	Consumer	14.97Y	124.7	0.00	1.28	2.31	0	30	16	88	0.00	0.0	3.216	0.000	30	16	1	1
PL.20962	PL.20961	B	4ACSR	14.97Y	124.7	0.00	1.28	3.64	3	48	26	88	0.00	0.0	3.273	0.057	0	0	0	3
432407	PL.20962	B	Consumer	14.97Y	124.7	0.00	1.28	1.07	0	14	8	87	0.00	0.0	3.273	0.000	14	8	1	1
PL.23157	PL.20962	B	4ACSR	14.97Y	124.7	0.00	1.29	2.56	2	34	18	88	0.00	0.0	3.339	0.066	0	0	0	2
PL.23158	PL.23157	B	4ACSR	14.97Y	124.7	0.00	1.29	1.11	1	15	8	88	0.00	0.0	3.402	0.063	0	0	0	1
432410	PL.23158	B	Consumer	14.97Y	124.7	0.00	1.29	1.11	0	15	8	88	0.00	0.0	3.402	0.000	15	8	1	1
432409	PL.23157	B	Consumer	14.97Y	124.7	0.00	1.29	1.45	0	19	10	88	0.00	0.0	3.339	0.000	19	10	1	1
PL.14459	PL.14458	B	4ACSR	14.97Y	124.7	0.00	1.26	0.11	0	1	1	71	0.00	0.0	3.270	0.183	0	0	0	1
PL.24781	PL.14459	B	4ACSR	14.97Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	3.343	0.073	0	0	0	0
432404	PL.24781	B	Consumer	14.97Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	3.343	0.000	0	0	0	0
432403	PL.14459	B	Consumer	14.97Y	124.7	0.00	1.26	0.11	0	1	1	71	0.00	0.0	3.270	0.000	1	1	1	1
PL.2526	PL.14457	B	4ACSR	14.98Y	124.8	0.00	1.19	0.93	1	12	6	89	0.00	0.0	2.782	0.044	0	0	0	2
432401	PL.2526	B	Consumer	14.98Y	124.8	0.00	1.19	0.00	0	0	0	100	0.00	0.0	2.782	0.000	0	0	0	0
432405	PL.2526	B	Consumer	14.98Y	124.8	0.00	1.19	0.11	0	1	1	71	0.00	0.0	2.782	0.000	1	1	1	1
432412	PL.2526	B	Consumer	14.98Y	124.8	0.00	1.19	0.82	0	11	5	91	0.00	0.0	2.782	0.000	11	5	1	1
432502	PL.27555	B	Consumer	15.01Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	1.555	0.000	0	0	0	0
432523	PL.27556	B	Consumer	15.01Y	125.1	0.00	0.90	0.01	0	0	0	100	0.00	0.0	1.481	0.000	0	0	1	1
432507	PL.20333	B	Consumer	15.01Y	125.1	0.00	0.89	0.44	0	6	3	89	0.00	0.0	1.436	0.000	6	3	1	1
432522	PL.20333	B	Consumer	15.01Y	125.1	0.00	0.89	0.93	0	12	7	86	0.00	0.0	1.436	0.000	12	7	1	1
PL.14456	PL.14455	A	336ACSR	15.06Y	125.5	0.03	0.52	39.99	9	545	256	91	0.17	0.0	1.504	0.122	0	0	0	47
		B		15.01Y	125.1	0.03	0.91	49.80	11	665	341	89					0	0	0	65
		C		15.11Y	125.9	0.01	0.11	29.74	7	404	197	90					0	0	0	40
PL.18799	PL.14456	A	336ACSR	15.06Y	125.5	0.00	0.53	39.99	9	545	256	91	0.03	0.0	1.524	0.020	0	0	0	47
		B		15.01Y	125.1	0.00	0.91	49.80	11	665	341	89					0	0	0	65
		C		15.11Y	125.9	0.00	0.11	29.74	7	404	197	90					0	0	0	40
PD.325-A	PL.18799	A	Closed	15.06Y	125.5	0.00	0.53	39.99	0	545	256	91	0.00	0.0	1.524	0.000	0	0	0	47
		B		15.01Y	125.1	0.00	0.91	49.80	0	665	341	89					0	0	0	65
		C		15.11Y	125.9	0.00	0.11	29.74	0	404	197	90					0	0	0	40
PD.325-B	PD.325-A	A	Closed	15.06Y	125.5	0.00	0.53	39.99	0	545	256	91	0.00	0.0	1.524	0.000	0	0	0	47
		B		15.01Y	125.1	0.00	0.91	49.80	0	665	341	89					0	0	0	65
		C		15.11Y	125.9	0.00	0.11	29.74	0	404	197	90					0	0	0	40
PL.18800	PD.325-B	A	336ACSR	15.06Y	125.5	0.00	0.53	39.99	9	545	256	91	0.03	0.0	1.545	0.021	0	0	0	47
		B		15.01Y	125.1	0.00	0.92	49.80	11	665	341	89					0	0	0	65
		C		15.11Y	125.9	0.00	0.12	29.74	7	404	197	90					0	0	0	40
PL.27557	PL.18800	A	4ACSR	15.06Y	125.5	0.00	0.53	0.22	0	3	2	83	0.00	0.0	1.554	0.009	0	0	0	1
PD.1381	PL.27557	A	fuse6AMP	15.06Y	125.5	0.00	0.53	0.22	4	3	2	83	0.00	0.0	1.554	0.000	0	0	0	1
PL.27558	PD.1381	A	4ACSR	15.06Y	125.5	0.00	0.53	0.22	0	3	2	83	0.00	0.0	1.669	0.116	0	0	0	1
432517	PL.27558	A	Consumer	15.06Y	125.5	0.00	0.53	0.22	0	3	2	83	0.00	0.0	1.669	0.000	3	2	1	1
PL.27564	PL.18800	C	4ACSR	15.11Y	125.9	0.00	0.12	1.38	1	18	10	87	0.00	0.0	1.551	0.006	0	0	0	1
PD.1386	PL.27564	C	fuse30AMP	15.11Y	125.9	0.00	0.12	1.38	4	18	10	87	0.00	0.0	1.551	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.27563, 432506, 432519, etc.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.18659	PL.18658	A	1/0ACSR	15.03Y	125.2	0.05	0.76	28.99	14	392	191	90	0.40	0.0	2.383	0.150	0	0	0	41		
		B		14.97Y	124.8	0.07	1.22	41.77	21	551	296	88					0	0	0	64		
		C		15.10Y	125.8	0.02	0.19	20.37	10	272	144	88					0	0	0	37		
PL.18343	PL.18659	C	4ACSR	15.10Y	125.8	0.00	0.19	5.26	4	70	37	88	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	0.19	5.26	0	70	37	88	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	0.19	5.26	0	70	37	88	0.00	0.0	2.405	0.000	0	0	0	10		
PL.18344	PD.326-B	C	4ACSR	15.09Y	125.8	0.02	0.22	5.26	4	70	37	88	0.01	0.0	2.599	0.195	0	0	0	10		
PL.22039	PL.18344	C	4ACSR	15.09Y	125.8	0.00	0.22	2.47	2	33	18	88	0.00	0.0	2.616	0.016	0	0	0	3		
PD.1387	PL.22039	C	fuse6AMP	15.09Y	125.8	0.00	0.22	2.47	42	33	18	88	0.00	0.0	2.616	0.000	0	0	0	3		
PL.22040	PD.1387	C	4ACSR	15.09Y	125.8	0.01	0.22	2.47	2	33	18	88	0.00	0.0	2.721	0.105	0	0	0	3		
PL.20966	PL.22040	C	4ACSR	15.09Y	125.8	0.00	0.23	1.88	2	25	13	89	0.00	0.0	2.832	0.111	0	0	0	2		
PL.20967	PL.20966	C	4ACSR	15.09Y	125.8	0.00	0.23	1.88	2	25	13	89	0.00	0.0	2.899	0.067	0	0	0	2		
431517	PL.20967	C	Consumer	15.09Y	125.8	0.00	0.23	1.15	0	15	8	88	0.00	0.0	2.899	0.000	15	8	1	1		
431523	PL.20967	C	Consumer	15.09Y	125.8	0.00	0.23	0.73	0	10	5	89	0.00	0.0	2.899	0.000	10	5	1	1		
431503	PL.22040	C	Consumer	15.09Y	125.8	0.00	0.22	0.59	0	8	4	89	0.00	0.0	2.721	0.000	8	4	1	1		
PL.14468	PL.18344	C	4ACSR	15.09Y	125.8	0.00	0.22	2.80	2	37	20	88	0.00	0.0	2.666	0.067	0	0	0	7		
PL.27559	PL.14468	C	4ACSR	15.09Y	125.8	0.00	0.22	2.80	2	37	20	88	0.00	0.0	2.674	0.008	0	0	0	7		
PD.1384	PL.27559	C	fuse6AMP	15.09Y	125.8	0.00	0.22	2.80	48	37	20	88	0.00	0.0	2.674	0.000	0	0	0	7		
PL.27560	PD.1384	C	4ACSR	15.09Y	125.8	0.01	0.24	2.80	2	37	20	88	0.00	0.0	2.894	0.220	0	0	0	7		
PL.24782	PL.27560	C	4ACSR	15.09Y	125.8	0.00	0.24	2.14	2	29	15	89	0.00	0.0	2.980	0.087	0	0	0	6		
PL.24783	PL.24782	C	4ACSR	15.09Y	125.7	0.03	0.27	2.13	2	28	15	88	0.01	0.0	3.537	0.556	0	0	0	5		
431403	PL.24783	C	Consumer	15.09Y	125.7	0.00	0.27	0.03	0	0	0	100	0.00	0.0	3.537	0.000	0	0	1	1		
431406	PL.24783	C	Consumer	15.09Y	125.7	0.00	0.27	0.11	0	1	1	71	0.00	0.0	3.537	0.000	1	1	1	1		
PL.14463	PL.24783	C	4ACSR	15.09Y	125.7	0.00	0.27	2.00	2	27	14	89	0.00	0.0	3.625	0.088	0	0	0	3		
431405	PL.14463	C	Consumer	15.09Y	125.7	0.00	0.27	1.18	0	16	8	89	0.00	0.0	3.625	0.000	16	8	1	1		
PL.14464	PL.14463	C	4ACSR	15.09Y	125.7	0.00	0.27	0.81	1	11	6	88	0.00	0.0	3.717	0.093	0	0	0	2		
431404	PL.14464	C	Consumer	15.09Y	125.7	0.00	0.27	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	125.7	0.00	0.27	0.81	0	11	6	88	0.00	0.0	3.717	0.000	11	6	1	1		
431519	PL.24782	C	Consumer	15.09Y	125.8	0.00	0.24	0.01	0	0	0	100	0.00	0.0	2.980	0.000	0	0	1	1		
431501	PL.27560	C	Consumer	15.09Y	125.8	0.00	0.24	0.65	0	9	5	87	0.00	0.0	2.894	0.000	9	5	1	1		
PL.14465	PL.18659	A	1/0ACSR	15.02Y	125.2	0.06	0.82	28.02	14	379	184	90	0.44	0.0	2.562	0.179	0	0	0	39		
		B		14.96Y	124.7	0.08	1.30	41.77	21	551	296	88					0	0	0	64		
		C		15.10Y	125.8	0.01	0.20	15.10	8	202	106	88					0	0	0	27		
PL.14466	PL.14465	A	1/0ACSR	15.02Y	125.2	0.03	0.85	28.02	14	379	184	90	0.21	0.0	2.647	0.085	0	0	0	39		
		B		14.96Y	124.7	0.04	1.33	41.77	21	551	296	88					0	0	0	64		
		C		15.10Y	125.8	0.00	0.20	13.18	7	176	93	88					0	0	0	25		
PL.21048	PL.14466	A	4ACSR	15.02Y	125.2	0.00	0.85	1.44	1	19	10	88	0.00	0.0	2.658	0.010	0	0	0	3		
PD.1378	PL.21048	A	fuse6AMP	15.02Y	125.2	0.00	0.85	1.44	25	19	10	88	0.00	0.0	2.658	0.000	0	0	0	3		
PL.21049	PD.1378	A	4ACSR	15.02Y	125.2	0.00	0.85	1.44	1	19	10	88	0.00	0.0	2.676	0.018	0	0	0	3		
PL.20965	PL.21049	A	4ACSR	15.02Y	125.1	0.00	0.85	1.44	1	19	10	88	0.00	0.0	2.721	0.045	0	0	0	3		
PL.20964	PL.20965	A	4ACSR	15.02Y	125.1	0.00	0.85	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\SUMMER\PROPOSED SUMMER 06-10 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.23146	PL.20965	A	4ACSR	15.02Y	125.1	0.00	0.85	1.44	1	19	10	88	0.00	0.0	2.745	0.025	0	0	0	3
431613	PL.23146	A	Consumer	15.02Y	125.1	0.00	0.85	0.00	0	0	0	100	0.00	0.0	2.745	0.000	0	0	1	1
431615	PL.23146	A	Consumer	15.02Y	125.1	0.00	0.85	0.30	0	4	2	89	0.00	0.0	2.745	0.000	4	2	1	1
PL.23147	PL.23146	A	4ACSR	15.02Y	125.1	0.00	0.85	1.14	1	15	8	88	0.00	0.0	2.785	0.040	0	0	0	1
431610	PL.23147	A	Consumer	15.02Y	125.1	0.00	0.85	1.14	0	15	8	88	0.00	0.0	2.785	0.000	15	8	1	1
PL.14467	PL.14466	A	1/0ACSR	15.02Y	125.1	0.01	0.86	26.58	13	359	174	90	0.10	0.0	2.689	0.042	0	0	0	36
		B		14.96Y	124.6	0.02	1.35	41.77	21	551	295	88			0		0	0	0	64
		C		15.10Y	125.8	0.00	0.20	13.18	7	176	93	88			0		0	0	0	25
PL.21039	PL.14467	A	4ACSR	15.02Y	125.1	0.00	0.86	0.73	1	10	5	89	0.00	0.0	2.705	0.017	0	0	0	1
PD.1356	PL.21039	A	fuse6AMP	15.02Y	125.1	0.00	0.86	0.73	13	10	5	89	0.00	0.0	2.705	0.000	0	0	0	1
PL.21040	PD.1356	A	4ACSR	15.02Y	125.1	0.00	0.86	0.73	1	10	5	89	0.00	0.0	2.766	0.061	0	0	0	1
431612	PL.21040	A	Consumer	15.02Y	125.1	0.00	0.86	0.73	0	10	5	89	0.00	0.0	2.766	0.000	10	5	1	1
PL.6492	PL.14467	A	1/0ACSR	15.01Y	125.1	0.01	0.88	25.85	13	350	169	90	0.11	0.0	2.734	0.045	0	0	0	35
		B		14.96Y	124.6	0.02	1.37	41.77	21	551	295	88			0		0	0	0	64
		C		15.10Y	125.8	0.00	0.20	13.18	7	176	93	88			0		0	0	0	25
431611	PL.6492	B	Consumer	14.96Y	124.6	0.00	1.37	1.28	0	17	9	88	0.00	0.0	2.734	0.000	17	9	1	1
PL.14469	PL.6492	A	1/0ACSR	15.01Y	125.1	0.01	0.89	25.85	13	350	168	90	0.10	0.0	2.778	0.044	0	0	0	35
		B		14.95Y	124.6	0.02	1.39	40.49	20	534	286	88			0		0	0	0	63
		C		15.10Y	125.8	0.00	0.20	13.18	7	176	93	88			0		0	0	0	25
PL.21041	PL.14469	B	4ACSR	14.95Y	124.6	0.00	1.39	3.45	3	46	24	89	0.00	0.0	2.798	0.020	0	0	0	6
PD.1357	PL.21041	B	fuse6AMP	14.95Y	124.6	0.00	1.39	3.45	59	46	24	89	0.00	0.0	2.798	0.000	0	0	0	6
PL.21042	PD.1357	B	4ACSR	14.95Y	124.6	0.00	1.40	3.45	3	46	24	89	0.00	0.0	2.848	0.050	0	0	0	6
431604	PL.21042	B	Consumer	14.95Y	124.6	0.00	1.40	1.96	0	26	14	88	0.00	0.0	2.848	0.000	26	14	1	1
PL.24883	PL.21042	B	4ACSR	14.95Y	124.6	0.00	1.40	0.89	1	12	6	89	0.00	0.0	2.935	0.087	0	0	0	2
431607	PL.24883	B	Consumer	14.95Y	124.6	0.00	1.40	0.86	0	11	6	88	0.00	0.0	2.935	0.000	11	6	1	1
PL.24884	PL.24883	B	4ACSR	14.95Y	124.6	0.00	1.40	0.02	0	0	0	100	0.00	0.0	3.083	0.148	0	0	0	1
431609	PL.24884	B	Consumer	14.95Y	124.6	0.00	1.40	0.02	0	0	0	100	0.00	0.0	3.083	0.000	0	0	1	1
PL.28433	PL.21042	B	4ACSR	14.95Y	124.6	0.00	1.40	0.60	1	8	4	89	0.00	0.0	2.901	0.053	0	0	0	3
PL.28434	PL.28433	B	4ACSR	14.95Y	124.6	0.00	1.40	0.60	1	8	4	89	0.00	0.0	2.901	0.000	0	0	0	3
PL.28396	PL.28434	B	4ACSR	14.95Y	124.6	0.00	1.40	0.59	0	8	4	89	0.00	0.0	2.991	0.090	0	0	0	2
PL.24885	PL.28396	B	4ACSR	14.95Y	124.6	0.00	1.40	0.12	0	2	1	89	0.00	0.0	3.284	0.293	0	0	0	1
431617	PL.24885	B	Consumer	14.95Y	124.6	0.00	1.40	0.12	0	2	1	89	0.00	0.0	3.284	0.000	2	1	1	1
PL.28397	PL.28396	B	4ACSR	14.95Y	124.6	0.00	1.40	0.48	0	6	3	89	0.00	0.0	3.063	0.072	0	0	0	1
PL.2409	PL.28397	B	4ACSR	14.95Y	124.6	0.00	1.40	0.48	0	6	3	89	0.00	0.0	3.249	0.186	0	0	0	1
431524	PL.2409	B	Consumer	14.95Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	3.249	0.000	0	0	0	0
PL.1625	PL.2409	B	4ACSR	14.95Y	124.6	0.00	1.40	0.48	0	6	3	89	0.00	0.0	3.411	0.162	0	0	0	1
PL.1623	PL.1625	B	4ACSR	14.95Y	124.6	0.00	1.41	0.48	0	6	3	89	0.00	0.0	3.474	0.063	0	0	0	1
431511	PL.1623	B	Consumer	14.95Y	124.6	0.00	1.41	0.48	0	6	3	89	0.00	0.0	3.474	0.000	6	3	1	1
431616	PL.28434	B	Consumer	14.95Y	124.6	0.00	1.40	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	15.01Y	125.1	0.01	0.90	25.85	13	350	168	90	0.08	0.0	2.819	0.041	0	0	0	35
		B		14.95Y	124.6	0.02	1.41	37.03	18	488	262	88			0		0	0	0	57
		C		15.10Y	125.8	0.00	0.20	13.18	7	176	93	88			0		0	0	0	25

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.19776, 431614, PL.43977, etc.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 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	Length (mi)	KW					KVAR			
PL.18854	PL.14542	B	4ACSR	14.86Y	123.8	0.01	2.15	33.69	28	442	235	88	0.03	0.0	4.813	0.012	0	0	0	52	
PD.237-A	PL.18854	B	Closed	14.86Y	123.8	0.00	2.15	33.69	0	442	235	88	0.00	0.0	4.813	0.000	0	0	0	52	
PD.237-B	PD.237-A	B	Closed	14.86Y	123.8	0.00	2.15	33.69	0	442	235	88	0.00	0.0	4.813	0.000	0	0	0	52	
PL.18855	PD.237-B	B	4ACSR	14.84Y	123.6	0.22	2.37	33.69	28	442	235	88	0.76	0.2	5.093	0.280	0	0	0	52	
PL.14851	PL.18855	B	4ACSR	14.81Y	123.4	0.23	2.60	33.69	28	441	235	88	0.81	0.2	5.391	0.297	0	0	0	52	
PL.23040	PL.14851	B	4ACSR	14.81Y	123.4	0.00	2.60	0.76	1	10	5	89	0.00	0.0	5.494	0.103	0	0	0	2	
PL.28678	PL.23040	B	4ACSR	14.81Y	123.4	0.00	2.60	0.00	0	0	0	100	0.00	0.0	5.617	0.123	0	0	0	1	
430607	PL.28678	B	Consumer	14.81Y	123.4	0.00	2.60	0.00	0	0	0	100	0.00	0.0	5.617	0.000	0	0	1	1	
PL.23041	PL.23040	B	4ACSR	14.81Y	123.4	0.00	2.60	0.76	1	10	5	89	0.00	0.0	5.517	0.023	0	0	0	1	
430602	PL.23041	B	Consumer	14.81Y	123.4	0.00	2.60	0.76	0	10	5	89	0.00	0.0	5.517	0.000	10	5	1	1	
PL.14852	PL.14851	B	4ACSR	14.80Y	123.4	0.03	2.63	32.92	28	430	229	88	0.10	0.0	5.431	0.041	0	0	0	50	
PL.2408	PL.14852	B	4ACSR	14.80Y	123.4	0.00	2.63	0.22	0	3	1	95	0.00	0.0	5.510	0.079	0	0	0	1	
430715	PL.2408	B	Consumer	14.80Y	123.4	0.00	2.63	0.22	0	3	1	95	0.00	0.0	5.510	0.000	3	1	1	1	
PL.14853	PL.14852	B	4ACSR	14.80Y	123.3	0.03	2.66	32.71	27	427	228	88	0.09	0.0	5.468	0.037	0	0	0	49	
PL.14854	PL.14853	B	4ACSR	14.80Y	123.3	0.00	2.66	28.30	24	370	197	88	0.00	0.0	5.468	0.001	0	0	0	44	
PL.14855	PL.14854	B	4ACSR	14.79Y	123.3	0.05	2.71	28.30	24	370	197	88	0.14	0.0	5.543	0.075	0	0	0	44	
PL.28677	PL.14855	B	4ACSR	14.79Y	123.3	0.00	2.71	0.93	1	12	6	89	0.00	0.0	5.603	0.060	0	0	0	1	
430604	PL.28677	B	Consumer	14.79Y	123.3	0.00	2.71	0.93	0	12	6	89	0.00	0.0	5.603	0.000	12	6	1	1	
PL.14856	PL.14855	B	4ACSR	14.77Y	123.1	0.16	2.88	27.37	23	357	190	88	0.46	0.1	5.802	0.259	0	0	0	43	
PL.2407	PL.14856	B	4ACSR	14.77Y	123.1	0.00	2.88	0.00	0	0	0	100	0.00	0.0	5.897	0.095	0	0	0	1	
430714	PL.2407	B	Consumer	14.77Y	123.1	0.00	2.88	0.00	0	0	0	100	0.00	0.0	5.897	0.000	0	0	1	1	
PL.14857	PL.14856	B	4ACSR	14.76Y	123.0	0.12	2.99	27.37	23	357	190	88	0.33	0.1	5.985	0.183	0	0	0	42	
PL.2402	PL.14857	B	4ACSR	14.76Y	123.0	0.00	2.99	0.19	0	3	1	95	0.00	0.0	6.077	0.092	0	0	0	2	
431707	PL.2402	B	Consumer	14.76Y	123.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	6.077	0.000	0	0	1	1	
431701	PL.2402	B	Consumer	14.76Y	123.0	0.00	2.99	0.19	0	3	1	95	0.00	0.0	6.077	0.000	3	1	1	1	
PL.14858	PL.14857	B	4ACSR	14.75Y	122.9	0.06	3.05	27.18	23	354	189	88	0.17	0.0	6.080	0.095	0	0	0	40	
PL.20116	PL.14858	B	4ACSR	14.75Y	122.9	0.01	3.06	24.88	21	324	173	88	0.02	0.0	6.091	0.011	0	0	0	38	
C PD.2642	PL.20116	B	25V4E	14.75Y	122.9	0.00	3.06	24.88	100	324	173	88	0.00	0.0	6.091	0.000	0	0	0	38 C	
PL.20117	PD.2642	B	4ACSR	14.74Y	122.8	0.14	3.20	24.88	21	324	173	88	0.36	0.1	6.338	0.247	0	0	0	38	
PL.14859	PL.20117	B	4ACSR	14.73Y	122.8	0.01	3.22	24.85	21	323	172	88	0.04	0.0	6.363	0.025	0	0	0	37	
PL.14860	PL.14859	B	4ACSR	14.71Y	122.6	0.21	3.42	23.81	20	310	165	88	0.51	0.2	6.738	0.375	0	0	0	34	
PL.21043	PL.14860	B	4ACSR	14.71Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	6.763	0.025	0	0	0	1	
PD.1358	PL.21043	B	fuse6AMP	14.71Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	6.763	0.000	0	0	0	1	
PL.21044	PD.1358	B	4ACSR	14.71Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	6.827	0.064	0	0	0	1	
PL.21126	PL.21044	B	4ACSR	14.71Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	6.974	0.147	0	0	0	1	
431705	PL.21126	B	Consumer	14.71Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	6.974	0.000	0	0	1	1	
PL.14861	PL.14860	B	4ACSR	14.70Y	122.5	0.04	3.46	23.81	20	309	165	88	0.09	0.0	6.803	0.065	0	0	0	33	
PL.14863	PL.14861	B	4ACSR	14.70Y	122.5	0.03	3.49	23.38	20	303	162	88	0.08	0.0	6.861	0.058	0	0	0	32	

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	mi	Length						Cons KW	Cons KVAR	On	Thru
430707	PL.14863	B	Consumer	14.70Y	122.5	0.00	3.49	0.45	0	6	3	89	0.00	0.0	6.861	0.000	6	3	1	1		
PL.14864	PL.14863	B	4ACSR	14.69Y	122.4	0.09	3.58	22.93	19	297	158	88	0.21	0.1	7.029	0.167	0	0	0	31		
PL.14865	PL.14864	B	4ACSR	14.69Y	122.4	0.02	3.60	22.93	19	297	158	88	0.05	0.0	7.069	0.041	0	0	0	30		
430716	PL.14865	B	Consumer	14.69Y	122.4	0.00	3.60	1.79	0	23	12	89	0.00	0.0	7.069	0.000	23	12	1	1		
PL.14862	PL.14865	B	4ACSR	14.69Y	122.4	0.01	3.61	21.14	18	274	146	88	0.03	0.0	7.093	0.023	0	0	0	29		
PL.14866	PL.14862	B	4ACSR	14.68Y	122.4	0.02	3.64	21.14	18	274	146	88	0.05	0.0	7.142	0.050	0	0	0	29		
PL.14867	PL.14866	B	4ACSR	14.68Y	122.3	0.02	3.66	20.58	17	267	142	88	0.05	0.0	7.188	0.045	0	0	0	28		
PL.20413	PL.14867	B	4ACSR	14.68Y	122.3	0.00	3.66	12.14	10	157	84	88	0.01	0.0	7.205	0.017	0	0	0	18		
C PD.1126	PL.20413	B	fuse6AMP	14.68Y	122.3	0.00	3.66	12.14	207	157	84	88	0.00	0.0	7.205	0.000	0	0	0	18 C		
PL.20414	PD.1126	B	4ACSR	14.68Y	122.3	0.02	3.68	12.14	10	157	84	88	0.02	0.0	7.270	0.066	0	0	0	18		
PL.30982	PL.20414	B	4ACSR	14.67Y	122.3	0.04	3.72	12.14	10	157	84	88	0.05	0.0	7.412	0.142	0	0	0	18		
PL.14111	PL.30982	B	4ACSR	14.67Y	122.3	0.02	3.74	12.14	10	157	84	88	0.03	0.0	7.489	0.077	0	0	0	18		
PL.28233	PL.14111	B	4ACSR	14.67Y	122.3	0.00	3.74	0.06	0	1	0	100	0.00	0.0	7.520	0.031	0	0	0	1		
PD.1365	PL.28233	B	fuse6AMP	14.67Y	122.3	0.00	3.74	0.06	1	1	0	100	0.00	0.0	7.520	0.000	0	0	0	1		
PL.28284	PD.1365	B	4ACSR	14.67Y	122.3	0.00	3.74	0.06	0	1	0	100	0.00	0.0	7.619	0.099	0	0	0	1		
430802	PL.28284	B	Consumer	14.67Y	122.3	0.00	3.74	0.06	0	1	0	100	0.00	0.0	7.619	0.000	1	0	1	1		
PL.14112	PL.14111	B	4ACSR	14.66Y	122.1	0.12	3.86	12.08	10	156	83	88	0.15	0.1	7.916	0.427	0	0	0	17		
PL.13255	PL.14112	B	4ACSR	14.65Y	122.1	0.03	3.90	11.50	10	149	79	88	0.04	0.0	8.038	0.122	0	0	0	16		
PL.13254	PL.13255	B	4ACSR	14.65Y	122.0	0.06	3.96	10.71	9	138	74	88	0.07	0.0	8.287	0.248	0	0	0	14		
PD.319-A	PL.13254	B	Closed	14.65Y	122.0	0.00	3.96	10.71	0	138	74	88	0.00	0.0	8.287	0.000	0	0	0	14		
PD.319-B	PD.319-A	B	Closed	14.65Y	122.0	0.00	3.96	10.71	0	138	74	88	0.00	0.0	8.287	0.000	0	0	0	14		
PL.13253	PD.319-B	B	4ACSR	14.64Y	122.0	0.03	3.99	10.71	9	138	74	88	0.03	0.0	8.407	0.121	0	0	0	14		
PL.13250	PL.13253	B	4ACSR	14.64Y	122.0	0.01	4.00	10.71	9	138	74	88	0.01	0.0	8.457	0.050	0	0	0	14		
PL.13252	PL.13250	B	4ACSR	14.64Y	122.0	0.00	4.00	9.37	8	121	64	88	0.00	0.0	8.475	0.017	0	0	0	10		
C PD.1366	PL.13252	B	fuse6AMP	14.64Y	122.0	0.00	4.00	9.37	160	121	64	88	0.00	0.0	8.475	0.000	0	0	0	10 C		
PL.21433	PD.1366	B	4ACSR	14.64Y	122.0	0.01	4.01	9.37	8	121	64	88	0.01	0.0	8.512	0.037	0	0	0	10		
PL.24899	PL.21433	B	4ACSR	14.63Y	121.9	0.04	4.05	9.37	8	121	64	88	0.04	0.0	8.694	0.182	0	0	0	10		
431802	PL.24899	B	Consumer	14.63Y	121.9	0.00	4.05	1.93	0	25	13	89	0.00	0.0	8.694	0.000	25	13	1	1		
PL.24900	PL.24899	B	4ACSR	14.63Y	121.9	0.01	4.06	6.45	5	83	44	88	0.00	0.0	8.734	0.040	0	0	0	8		
PL.23153	PL.24900	B	4ACSR	14.63Y	121.9	0.00	4.06	6.45	5	83	44	88	0.00	0.0	8.754	0.020	0	0	0	8		
431813	PL.23153	B	Consumer	14.63Y	121.9	0.00	4.06	0.95	0	12	7	86	0.00	0.0	8.754	0.000	12	7	1	1		
PL.23154	PL.23153	B	4ACSR	14.63Y	121.9	0.01	4.07	5.50	5	71	38	88	0.00	0.0	8.797	0.043	0	0	0	7		
PL.23150	PL.23154	B	4ACSR	14.63Y	121.9	0.01	4.08	3.88	3	50	27	88	0.00	0.0	8.896	0.100	0	0	0	5		
PL.23155	PL.23150	B	4ACSR	14.63Y	121.9	0.00	4.08	1.50	1	19	10	88	0.00	0.0	8.930	0.034	0	0	0	3		
PL.23156	PL.23155	B	4ACSR	14.63Y	121.9	0.00	4.08	0.85	1	11	6	88	0.00	0.0	8.958	0.027	0	0	0	2		
431804	PL.23156	B	Consumer	14.63Y	121.9	0.00	4.08	0.00	0	0	0	100	0.00	0.0	8.958	0.000	0	0	0	0		
431810	PL.23156	B	Consumer	14.63Y	121.9	0.00	4.08	0.80	0	10	5	89	0.00	0.0	8.958	0.000	10	5	1	1		
PL.20951	PL.23156	B	4ACSR	14.63Y	121.9	0.00	4.08	0.05	0	1	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\SUMMER\PROPOSED SUMMER 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	Length (mi)						KW	KVAR		
431812	PL.20951	B	Consumer	14.63Y	121.9	0.00	4.08	0.05	0	1	0	100	0.00	0.0	9.037	0.000	1	0	1	1
431814	PL.23155	B	Consumer	14.63Y	121.9	0.00	4.08	0.65	0	8	4	89	0.00	0.0	8.930	0.000	8	4	1	1
431807	PL.23150	B	Consumer	14.63Y	121.9	0.00	4.08	0.57	0	7	4	87	0.00	0.0	8.896	0.000	7	4	1	1
431806	PL.23150	B	Consumer	14.63Y	121.9	0.00	4.08	1.81	0	23	12	89	0.00	0.0	8.896	0.000	23	12	1	1
431811	PL.23154	B	Consumer	14.63Y	121.9	0.00	4.07	0.65	0	8	4	89	0.00	0.0	8.797	0.000	8	4	1	1
431808	PL.23154	B	Consumer	14.63Y	121.9	0.00	4.07	0.97	0	13	7	88	0.00	0.0	8.797	0.000	13	7	1	1
PL.20950	PL.24899	B	4ACSR	14.63Y	121.9	0.00	4.05	0.98	1	13	7	88	0.00	0.0	8.766	0.072	0	0	0	1
431809	PL.20950	B	Consumer	14.63Y	121.9	0.00	4.05	0.98	0	13	7	88	0.00	0.0	8.766	0.000	13	7	1	1
PL.13251	PL.13250	B	4ACSR	14.64Y	122.0	0.02	4.02	1.34	1	17	9	88	0.00	0.0	9.009	0.552	0	0	0	4
PL.21428	PL.13251	B	4ACSR	14.64Y	122.0	0.00	4.02	0.60	1	8	4	89	0.00	0.0	9.033	0.023	0	0	0	1
PD.1367	PL.21428	B	fuse6AMP	14.64Y	122.0	0.00	4.02	0.60	10	8	4	89	0.00	0.0	9.033	0.000	0	0	0	1
PL.21429	PD.1367	B	4ACSR	14.64Y	122.0	0.00	4.02	0.60	1	8	4	89	0.00	0.0	9.135	0.102	0	0	0	1
PL.24897	PL.21429	B	4ACSR	14.64Y	122.0	0.00	4.02	0.60	1	8	4	89	0.00	0.0	9.242	0.107	0	0	0	1
432815	PL.24897	B	Consumer	14.64Y	122.0	0.00	4.02	0.00	0	0	0	100	0.00	0.0	9.242	0.000	0	0	0	0
4328003	PL.24897	B	Consumer	14.64Y	122.0	0.00	4.02	0.60	0	8	4	89	0.00	0.0	9.242	0.000	8	4	1	1
PL.13247	PL.13251	B	4ACSR	14.64Y	122.0	0.00	4.02	0.74	1	10	5	89	0.00	0.0	9.107	0.098	0	0	0	3
PL.6502	PL.13247	B	4ACSR	14.64Y	122.0	0.00	4.02	0.52	0	7	4	87	0.00	0.0	9.344	0.237	0	0	0	2
432901	PL.6502	B	Consumer	14.64Y	122.0	0.00	4.02	0.52	0	7	4	87	0.00	0.0	9.344	0.000	7	4	1	1
PL.13794	PL.6502	B	4ACSR	14.64Y	122.0	0.00	4.02	0.00	0	0	0	100	0.00	0.0	9.345	0.001	0	0	0	1
PL.13795	PL.13794	B	4ACSR	14.64Y	122.0	0.00	4.02	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	14.64Y	122.0	0.00	4.02	0.00	0	0	0	100	0.00	0.0	9.358	0.000	0	0	0	0
PL.24898	PL.13794	B	4ACSR	14.64Y	122.0	0.00	4.02	0.00	0	0	0	100	0.00	0.0	9.449	0.104	0	0	0	1
432917	PL.24898	B	Consumer	14.64Y	122.0	0.00	4.02	0.00	0	0	0	100	0.00	0.0	9.449	0.000	0	0	1	1
431801	PL.13247	B	Consumer	14.64Y	122.0	0.00	4.02	0.22	0	3	1	95	0.00	0.0	9.107	0.000	3	1	1	1
PL.21435	PL.13255	B	4ACSR	14.65Y	122.1	0.00	3.90	0.79	1	10	5	89	0.00	0.0	8.060	0.022	0	0	0	2
PD.1364	PL.21435	B	fuse6AMP	14.65Y	122.1	0.00	3.90	0.79	14	10	5	89	0.00	0.0	8.060	0.000	0	0	0	2
PL.28230	PD.1364	B	4ACSR	14.65Y	122.1	0.00	3.90	0.79	1	10	5	89	0.00	0.0	8.163	0.103	0	0	0	2
PL.21434	PL.28230	B	4ACSR	14.65Y	122.1	0.00	3.90	0.79	1	10	5	89	0.00	0.0	8.352	0.189	0	0	0	2
430803	PL.21434	B	Consumer	14.65Y	122.1	0.00	3.90	0.70	0	9	5	87	0.00	0.0	8.352	0.000	9	5	1	1
430807	PL.21434	B	Consumer	14.65Y	122.1	0.00	3.90	0.09	0	1	1	71	0.00	0.0	8.352	0.000	1	1	1	1
PL.20949	PL.28230	B	4ACSR	14.65Y	122.1	0.00	3.90	0.00	0	0	0	100	0.00	0.0	8.194	0.031	0	0	0	0
PL.28232	PL.14112	B	4ACSR	14.66Y	122.1	0.00	3.86	0.58	0	7	4	87	0.00	0.0	7.946	0.030	0	0	0	1
PD.1363	PL.28232	B	fuse6AMP	14.66Y	122.1	0.00	3.86	0.58	10	7	4	87	0.00	0.0	7.946	0.000	0	0	0	1
PL.28231	PD.1363	B	4ACSR	14.66Y	122.1	0.00	3.87	0.58	0	7	4	87	0.00	0.0	8.054	0.108	0	0	0	1
430801	PL.28231	B	Consumer	14.66Y	122.1	0.00	3.87	0.58	0	7	4	87	0.00	0.0	8.054	0.000	7	4	1	1
PL.20953	PL.28231	B	4ACSR	14.66Y	122.1	0.00	3.87	0.00	0	0	0	100	0.00	0.0	8.140	0.085	0	0	0	0
379707	PL.14867	B	Consumer	14.68Y	122.3	0.00	3.66	1.88	0	24	13	88	0.00	0.0	7.188	0.000	24	13	1	1
379705	PL.14867	B	Consumer	14.68Y	122.3	0.00	3.66	0.59	0	8	4	89	0.00	0.0	7.188	0.000	8	4	1	1

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.18564	PL.14867	B	4ACSR	14.68Y	122.3	0.00	3.66	5.97	5	77	41	88	0.00	0.0	7.203	0.015	0	0	0	8
PD.238-A	PL.18564	B	Closed	14.68Y	122.3	0.00	3.66	5.97	0	77	41	88	0.00	0.0	7.203	0.000	0	0	0	8
PD.238-B	PD.238-A	B	Closed	14.68Y	122.3	0.00	3.66	5.97	0	77	41	88	0.00	0.0	7.203	0.000	0	0	0	8
PL.18565	PD.238-B	B	4ACSR	14.68Y	122.3	0.00	3.67	5.97	5	77	41	88	0.00	0.0	7.236	0.033	0	0	0	8
PL.22219	PL.18565	B	4ACSR	14.68Y	122.3	0.00	3.67	0.94	1	12	6	89	0.00	0.0	7.290	0.053	0	0	0	1
379704	PL.22219	B	Consumer	14.68Y	122.3	0.00	3.67	0.94	0	12	6	89	0.00	0.0	7.290	0.000	0	0	0	1
3797011	379704	B	Consumer	14.68Y	122.3	0.00	3.67	0.94	0	12	6	89	0.00	0.0	7.290	0.000	12	6	1	1
PL.14868	PL.18565	B	4ACSR	14.68Y	122.3	0.01	3.67	5.03	4	65	35	88	0.00	0.0	7.316	0.080	0	0	0	7
379706	PL.14868	B	Consumer	14.68Y	122.3	0.00	3.67	0.00	0	0	0	100	0.00	0.0	7.316	0.000	0	0	0	0
379703	PL.14868	B	Consumer	14.68Y	122.3	0.00	3.67	0.86	0	11	6	88	0.00	0.0	7.316	0.000	11	6	1	1
PL.14869	PL.14868	B	4ACSR	14.68Y	122.3	0.00	3.68	4.17	4	54	29	88	0.00	0.0	7.350	0.034	0	0	0	6
PL.14870	PL.14869	B	4ACSR	14.68Y	122.3	0.00	3.68	4.17	4	54	29	88	0.00	0.0	7.374	0.024	0	0	0	6
PL.2007	PL.14870	B	4ACSR	14.68Y	122.3	0.00	3.68	2.66	2	34	18	88	0.00	0.0	7.425	0.051	0	0	0	2
PL.35060	PL.2007	B	2ACSR	14.68Y	122.3	0.00	3.68	1.12	1	14	8	87	0.00	0.0	7.487	0.063	0	0	0	1
3798002	PL.35060	B	Consumer	14.68Y	122.3	0.00	3.68	1.12	0	14	8	87	0.00	0.0	7.487	0.000	14	8	1	1
379801	PL.2007	B	Consumer	14.68Y	122.3	0.00	3.68	0.00	0	0	0	100	0.00	0.0	7.425	0.000	0	0	0	0
3798001	PL.2007	B	Consumer	14.68Y	122.3	0.00	3.68	1.54	0	20	11	88	0.00	0.0	7.425	0.000	20	11	1	1
379710	PL.14870	B	Consumer	14.68Y	122.3	0.00	3.68	0.64	0	8	4	89	0.00	0.0	7.374	0.000	8	4	1	1
PL.14871	PL.14870	B	4ACSR	14.68Y	122.3	0.00	3.68	0.88	1	11	6	88	0.00	0.0	7.386	0.012	0	0	0	3
PL.19117	PL.14871	B	4ACSR	14.68Y	122.3	0.00	3.68	0.88	1	11	6	88	0.00	0.0	7.419	0.033	0	0	0	3
PL.19118	PL.19117	B	4ACSR	14.68Y	122.3	0.00	3.69	0.55	0	7	4	87	0.00	0.0	7.748	0.329	0	0	0	2
379701	PL.19118	B	Consumer	14.68Y	122.3	0.00	3.69	0.54	0	7	4	87	0.00	0.0	7.748	0.000	7	4	1	1
PL.14872	PL.19118	B	4ACSR	14.68Y	122.3	0.00	3.69	0.02	0	0	0	100	0.00	0.0	7.971	0.223	0	0	0	1
PL.22220	PL.14872	B	4ACSR	14.68Y	122.3	0.00	3.69	0.00	0	0	0	100	0.00	0.0	8.059	0.088	0	0	0	0
PL.14873	PL.14872	B	4ACSR	14.68Y	122.3	0.00	3.69	0.02	0	0	0	100	0.00	0.0	8.554	0.583	0	0	0	1
378702	PL.14873	B	Consumer	14.68Y	122.3	0.00	3.69	0.02	0	0	0	100	0.00	0.0	8.554	0.000	0	0	1	1
379702	PL.19117	B	Consumer	14.68Y	122.3	0.00	3.68	0.32	0	4	2	89	0.00	0.0	7.419	0.000	4	2	1	1
379709	PL.14866	B	Consumer	14.68Y	122.4	0.00	3.64	0.55	0	7	4	87	0.00	0.0	7.142	0.000	7	4	1	1
430706	PL.14864	B	Consumer	14.69Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	7.029	0.000	0	0	0	0
430718	PL.14864	B	Consumer	14.69Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	7.029	0.000	0	0	1	1
430712	PL.14861	B	Consumer	14.70Y	122.5	0.00	3.46	0.43	0	6	3	89	0.00	0.0	6.803	0.000	6	3	1	1
PL.20947	PL.14859	B	4ACSR	14.73Y	122.8	0.00	3.22	0.93	1	12	6	89	0.00	0.0	6.481	0.118	0	0	0	2
430705	PL.20947	B	Consumer	14.73Y	122.8	0.00	3.22	0.92	0	12	6	89	0.00	0.0	6.481	0.000	12	6	1	1
430717	PL.20947	B	Consumer	14.73Y	122.8	0.00	3.22	0.01	0	0	0	100	0.00	0.0	6.481	0.000	0	0	1	1
PL.20948	PL.14859	B	4ACSR	14.73Y	122.8	0.00	3.22	0.11	0	1	1	71	0.00	0.0	6.419	0.056	0	0	0	1
430710	PL.20948	B	Consumer	14.73Y	122.8	0.00	3.22	0.11	0	1	1	71	0.00	0.0	6.419	0.000	1	1	1	1
PL.21127	PL.20117	B	4ACSR	14.74Y	122.8	0.00	3.20	0.02	0	0	0	100	0.00	0.0	6.401	0.063	0	0	0	1
431703	PL.21127	B	Consumer	14.74Y	122.8	0.00	3.20	0.02	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\SUMMER\PROPOSED SUMMER 06-10 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.2411	PL.14858	B	4ACSR	14.75Y	122.9	0.00	3.05	0.31	0	4	2	89	0.00	0.0	6.197	0.117	0	0	0	1
PL.28674	PL.2411	B	4ACSR	14.75Y	122.9	0.00	3.05	0.31	0	4	2	89	0.00	0.0	6.390	0.193	0	0	0	1
431706	PL.28674	B	Consumer	14.75Y	122.9	0.00	3.05	0.31	0	4	2	89	0.00	0.0	6.390	0.000	4	2	1	1
431709	PL.14858	B	Consumer	14.75Y	122.9	0.00	3.05	1.99	0	26	14	88	0.00	0.0	6.080	0.000	26	14	1	1
430605	PL.14853	B	Consumer	14.80Y	123.3	0.00	2.66	0.00	0	0	0	100	0.00	0.0	5.468	0.000	0	0	1	1
PL.21035	PL.14853	B	4ACSR	14.80Y	123.3	0.00	2.66	4.41	4	58	31	88	0.00	0.0	5.483	0.015	0	0	0	4
PD.1352	PL.21035	B	fuse6AMP	14.80Y	123.3	0.00	2.66	4.41	75	58	31	88	0.00	0.0	5.483	0.000	0	0	0	4
PL.21036	PD.1352	B	4ACSR	14.80Y	123.3	0.01	2.68	4.41	4	58	31	88	0.01	0.0	5.612	0.130	0	0	0	4
PL.28676	PL.21036	B	4ACSR	14.80Y	123.3	0.02	2.69	4.41	4	58	31	88	0.01	0.0	5.793	0.180	0	0	0	4
431605	PL.28676	B	Consumer	14.80Y	123.3	0.00	2.69	1.34	0	18	9	89	0.00	0.0	5.793	0.000	18	9	1	1
PL.28675	PL.28676	B	4ACSR	14.79Y	123.3	0.02	2.71	3.07	3	40	21	89	0.01	0.0	6.036	0.243	0	0	0	3
431606	PL.28675	B	Consumer	14.79Y	123.3	0.00	2.71	0.69	0	9	5	87	0.00	0.0	6.036	0.000	9	5	1	1
PL.28673	PL.28675	B	4ACSR	14.79Y	123.3	0.01	2.73	2.38	2	31	17	88	0.00	0.0	6.301	0.266	0	0	0	2
431708	PL.28673	B	Consumer	14.79Y	123.3	0.00	2.73	1.62	0	21	11	89	0.00	0.0	6.301	0.000	21	11	1	1
431704	PL.28673	B	Consumer	14.79Y	123.3	0.00	2.73	0.76	0	10	5	89	0.00	0.0	6.301	0.000	10	5	1	1
PL.2403	PL.18855	B	4ACSR	14.84Y	123.6	0.00	2.37	0.00	0	0	0	100	0.00	0.0	5.095	0.001	0	0	0	0
PL.18654	PL.14542	A	4ACSR	14.94Y	124.5	0.00	1.46	21.22	18	287	136	90	0.01	0.0	4.811	0.010	0	0	0	26
PD.236-A	PL.18654	A	Closed	14.94Y	124.5	0.00	1.46	21.22	0	287	136	90	0.00	0.0	4.811	0.000	0	0	0	26
PD.236-B	PD.236-A	A	Closed	14.94Y	124.5	0.00	1.46	21.22	0	287	136	90	0.00	0.0	4.811	0.000	0	0	0	26
PL.18655	PD.236-B	A	4ACSR	14.94Y	124.5	0.04	1.50	21.22	18	287	136	90	0.08	0.0	4.887	0.077	0	0	0	26
PL.18398	PL.18655	A	4ACSR	14.94Y	124.5	0.00	1.50	0.92	1	12	6	89	0.00	0.0	4.893	0.006	0	0	0	2
PD.1124	PL.18398	A	fuse6AMP	14.94Y	124.5	0.00	1.50	0.92	16	12	6	89	0.00	0.0	4.893	0.000	0	0	0	2
PL.18399	PD.1124	A	4ACSR	14.94Y	124.5	0.00	1.50	0.92	1	12	6	89	0.00	0.0	5.031	0.138	0	0	0	2
379621	PL.18399	A	Consumer	14.94Y	124.5	0.00	1.50	0.91	0	12	6	89	0.00	0.0	5.031	0.000	12	6	1	1
379611	PL.18399	A	Consumer	14.94Y	124.5	0.00	1.50	0.01	0	0	0	100	0.00	0.0	5.031	0.000	0	0	1	1
PL.14543	PL.18655	A	4ACSR	14.93Y	124.4	0.10	1.60	20.31	17	274	129	90	0.21	0.1	5.103	0.216	0	0	0	24
378633	PL.14543	A	Consumer	14.93Y	124.4	0.00	1.60	0.13	0	2	1	89	0.00	0.0	5.103	0.000	2	1	1	1
PL.14544	PL.14543	A	4ACSR	14.93Y	124.4	0.02	1.62	20.18	17	272	128	90	0.05	0.0	5.151	0.048	0	0	0	23
PL.2004	PL.14544	A	4ACSR	14.92Y	124.4	0.00	1.63	0.69	1	9	5	87	0.00	0.0	5.291	0.139	0	0	0	1
379623	PL.2004	A	Consumer	14.92Y	124.4	0.00	1.63	0.69	0	9	5	87	0.00	0.0	5.291	0.000	9	5	1	1
PL.2005	PL.14544	A	4ACSR	14.93Y	124.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	5.234	0.083	0	0	0	0
PL.20364	PL.14544	A	4ACSR	14.92Y	124.3	0.03	1.65	19.49	16	263	124	90	0.06	0.0	5.216	0.065	0	0	0	22
PD.3396	PL.20364	A	25V4E	14.92Y	124.3	0.00	1.65	19.49	78	263	124	90	0.00	0.0	5.216	0.000	0	0	0	22
PL.20365	PD.3396	A	4ACSR	14.92Y	124.3	0.01	1.67	19.49	16	263	124	90	0.02	0.0	5.241	0.025	0	0	0	22
PL.14848	PL.20365	A	4ACSR	14.92Y	124.3	0.00	1.67	4.84	4	64	34	88	0.00	0.0	5.284	0.044	0	0	0	6
PL.14849	PL.14848	A	4ACSR	14.92Y	124.3	0.00	1.67	0.00	0	0	0	100	0.00	0.0	5.332	0.048	0	0	0	1
PL.2006	PL.14849	A	4ACSR	14.92Y	124.3	0.00	1.67	0.00	0	0	0	100	0.00	0.0	5.435	0.103	0	0	0	0
PL.14850	PL.14849	A	4ACSR	14.92Y	124.3	0.00	1.67	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\SUMMER\PROPOSED SUMMER 06-10 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	14.92Y	124.3	0.00	1.67	0.00	0	0	0	100	0.00	0.0	5.665	0.118	0	0	0	1
378611	PL.22223	A	Consumer	14.92Y	124.3	0.00	1.67	0.00	0	0	0	100	0.00	0.0	5.665	0.000	0	0	1	1
PL.28280	PL.14848	A	4ACSR	14.92Y	124.3	0.01	1.68	3.48	3	46	24	89	0.00	0.0	5.372	0.088	0	0	0	4
378625	PL.28280	A	Consumer	14.92Y	124.3	0.00	1.68	0.92	0	12	6	89	0.00	0.0	5.372	0.000	12	6	1	1
PL.28203	PL.28280	A	4ACSR	14.92Y	124.3	0.00	1.68	2.57	2	34	18	88	0.00	0.0	5.372	0.000	0	0	0	3
PL.28567	PL.28203	A	4ACSR	14.92Y	124.3	0.00	1.68	0.68	1	9	5	87	0.00	0.0	5.409	0.036	0	0	0	2
378605	PL.28567	A	Consumer	14.92Y	124.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	5.409	0.000	0	0	1	1
378621	PL.28567	A	Consumer	14.92Y	124.3	0.00	1.68	0.68	0	9	5	87	0.00	0.0	5.409	0.000	9	5	1	1
PL.28204	PL.28203	A	4ACSR	14.92Y	124.3	0.00	1.68	1.89	2	25	13	89	0.00	0.0	5.436	0.063	0	0	0	1
378620	PL.28204	A	Consumer	14.92Y	124.3	0.00	1.68	1.89	0	25	13	89	0.00	0.0	5.436	0.000	25	13	1	1
378609	PL.14848	A	Consumer	14.92Y	124.3	0.00	1.67	1.36	0	18	10	87	0.00	0.0	5.284	0.000	18	10	1	1
PL.20366	PL.20365	A	4ACSR	14.92Y	124.3	0.00	1.67	14.65	12	199	90	91	0.00	0.0	5.248	0.008	0	0	0	16
C PD.1127	PL.20366	A	fuse6AMP	14.92Y	124.3	0.00	1.67	14.65	250	199	90	91	0.00	0.0	5.248	0.000	0	0	0	16 C
PL.20367	PD.1127	A	4ACSR	14.92Y	124.3	0.02	1.69	14.65	12	199	90	91	0.04	0.0	5.321	0.072	0	0	0	16
PL.6261	PL.20367	A	1/0EPRJCN	14.92Y	124.3	0.01	1.70	9.49	5	129	58	91	0.01	0.0	5.387	0.066	0	0	0	10
378629	PL.6261	A	Consumer	14.92Y	124.3	0.00	1.70	1.51	0	20	11	88	0.00	0.0	5.387	0.000	20	11	1	1
PL.4503	PL.6261	A	1/0EPRJCN	14.92Y	124.3	0.01	1.71	8.02	4	109	49	91	0.01	0.0	5.474	0.087	0	0	0	9
378627	PL.4503	A	Consumer	14.92Y	124.3	0.00	1.71	1.26	0	17	9	88	0.00	0.0	5.474	0.000	17	9	1	1
378631	PL.4503	A	Consumer	14.92Y	124.3	0.00	1.71	0.67	0	9	5	87	0.00	0.0	5.474	0.000	9	5	1	1
PL.14844	PL.4503	A	1/0EPRJCN	14.92Y	124.3	0.00	1.71	6.14	3	84	37	92	0.00	0.0	5.505	0.031	0	0	0	7
PL.14845	PL.14844	A	1/0EPRJCN	14.91Y	124.3	0.00	1.71	4.80	3	66	28	92	0.00	0.0	5.531	0.026	0	0	0	5
PL.4502	PL.14845	A	1/0EPRJCN	14.91Y	124.3	0.00	1.71	3.39	2	47	18	93	0.00	0.0	5.645	0.114	0	0	0	4
378711	PL.4502	A	Consumer	14.91Y	124.3	0.00	1.71	0.95	0	12	7	86	0.00	0.0	5.645	0.000	12	7	1	1
378715	PL.4502	A	Consumer	14.91Y	124.3	0.00	1.71	0.61	0	8	4	89	0.00	0.0	5.645	0.000	8	4	1	1
PL.4501	PL.4502	A	1/0EPRJCN	14.91Y	124.3	0.00	1.71	1.89	1	27	10	94	0.00	0.0	5.677	0.033	0	0	0	2
PL.4500	PL.4501	A	1/0EPRJCN	14.91Y	124.3	0.00	1.71	1.00	1	14	4	96	0.00	0.0	5.710	0.032	0	0	0	1
3787016	PL.4500	A	Consumer	14.91Y	124.3	0.00	1.71	1.09	0	14	8	87	0.00	0.0	5.710	0.000	14	8	1	1
P PL.4499	PL.4500	A	1/0EPRJCN	14.91Y	124.3	-0.00	1.71	-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	14.91Y	124.3	-0.00	1.71	-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	14.91Y	124.3	-0.00	1.71	-0.05	0	0	-1	0	0.00	0.0	5.887	0.041	0	0	0	0 P
378710	PL.4498	A	Consumer	14.91Y	124.3	0.00	1.71	0.00	0	0	0	100	0.00	0.0	5.845	0.000	0	0	0	0
378714	PL.4501	A	Consumer	14.91Y	124.3	0.00	1.71	0.92	0	12	6	89	0.00	0.0	5.677	0.000	12	6	1	1
3787018	PL.4501	A	Consumer	14.91Y	124.3	0.00	1.71	0.00	0	0	0	100	0.00	0.0	5.677	0.000	0	0	0	0
378708	PL.14845	A	Consumer	14.91Y	124.3	0.00	1.71	1.43	0	19	10	88	0.00	0.0	5.531	0.000	19	10	1	1
378709	PL.14844	A	Consumer	14.92Y	124.3	0.00	1.71	1.06	0	14	7	89	0.00	0.0	5.505	0.000	14	7	1	1
3787017	PL.14844	A	Consumer	14.92Y	124.3	0.00	1.71	0.31	0	4	2	89	0.00	0.0	5.505	0.000	4	2	1	1
PL.14843	PL.20367	A	1/0EPRJCN	14.92Y	124.3	0.00	1.70	5.16	3	70	31	91	0.00	0.0	5.379	0.058	0	0	0	6
378630	PL.14843	A	Consumer	14.92Y	124.3	0.00	1.70	1.09	0	14	8	87	0.00	0.0	5.379	0.000	14	8	1	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	
378626	PL.14843	A	Consumer	14.92Y	124.3	0.00	1.70	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	14.92Y	124.3	0.00	1.70	4.10	2	56	25	91	0.00	0.0	5.444	0.065	0	0	0	5
PL.14847	PL.14846	A	1/0EPRJCN	14.92Y	124.3	0.00	1.70	1.81	1	25	10	93	0.00	0.0	5.540	0.096	0	0	0	3
PL.6262	PL.14847	A	1/0EPRJCN	14.92Y	124.3	0.00	1.70	0.59	0	8	2	97	0.00	0.0	5.649	0.109	0	0	0	1
378712	PL.6262	A	Consumer	14.92Y	124.3	0.00	1.70	0.64	0	8	5	85	0.00	0.0	5.649	0.000	8	5	1	1
378706	PL.14847	A	Consumer	14.92Y	124.3	0.00	1.70	0.81	0	11	6	88	0.00	0.0	5.540	0.000	11	6	1	1
378707	PL.14847	A	Consumer	14.92Y	124.3	0.00	1.70	0.47	0	6	3	89	0.00	0.0	5.540	0.000	6	3	1	1
378622	PL.14846	A	Consumer	14.92Y	124.3	0.00	1.70	1.13	0	15	8	88	0.00	0.0	5.444	0.000	15	8	1	1
378628	PL.14846	A	Consumer	14.92Y	124.3	0.00	1.70	1.20	0	16	8	89	0.00	0.0	5.444	0.000	16	8	1	1
PL.21596	PL.14541	C	4ACSR	15.10Y	125.8	0.00	0.20	3.30	3	44	23	89	0.00	0.0	4.665	0.006	0	0	0	8
PD.1123	PL.21596	C	fuse8AMP	15.10Y	125.8	0.00	0.20	3.30	45	44	23	89	0.00	0.0	4.665	0.000	0	0	0	8
PL.35661	PD.1123	C	4ACSR	15.10Y	125.8	0.01	0.21	3.30	3	44	23	89	0.00	0.0	4.775	0.110	0	0	0	8
P PL.35660	PL.35661	C	1/0EPRJCN	15.10Y	125.8	-0.00	0.21	0.05	0	0	-1	0	0.00	0.0	4.818	0.043	0	0	0	1 P
3796016	PL.35660	C	Consumer	15.10Y	125.8	0.00	0.21	0.01	0	0	0	100	0.00	0.0	4.818	0.000	0	0	1	1
PL.35662	PL.35661	C	4ACSR	15.09Y	125.8	0.01	0.22	3.31	3	44	23	89	0.00	0.0	4.944	0.169	0	0	0	7
PL.28279	PL.35662	C	4ACSR	15.09Y	125.8	0.01	0.23	2.72	2	36	19	88	0.00	0.0	5.109	0.165	0	0	0	5
378614	PL.28279	C	Consumer	15.09Y	125.8	0.00	0.23	0.04	0	1	0	100	0.00	0.0	5.109	0.000	1	0	1	1
PL.23047	PL.28279	C	4ACSR	15.09Y	125.8	0.00	0.23	2.67	2	36	19	88	0.00	0.0	5.109	0.000	0	0	0	4
PL.23048	PL.23047	C	4ACSR	15.09Y	125.8	0.00	0.23	1.94	2	26	14	88	0.00	0.0	5.194	0.085	0	0	0	2
378624	PL.23048	C	Consumer	15.09Y	125.8	0.00	0.23	0.10	0	1	1	71	0.00	0.0	5.194	0.000	1	1	1	1
378623	PL.23048	C	Consumer	15.09Y	125.8	0.00	0.23	1.84	0	24	13	88	0.00	0.0	5.194	0.000	24	13	1	1
378615	PL.23048	C	Consumer	15.09Y	125.8	0.00	0.23	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	125.8	0.00	0.23	0.73	1	10	5	89	0.00	0.0	5.172	0.063	0	0	0	2
378632	PL.28568	C	Consumer	15.09Y	125.8	0.00	0.23	0.03	0	0	0	100	0.00	0.0	5.172	0.000	0	0	1	1
3786034	PL.28568	C	Consumer	15.09Y	125.8	0.00	0.23	0.70	0	9	5	87	0.00	0.0	5.172	0.000	9	5	1	1
378601	PL.35662	C	Consumer	15.09Y	125.8	0.00	0.22	0.41	0	5	3	86	0.00	0.0	4.944	0.000	5	3	1	1
378608	PL.35662	C	Consumer	15.09Y	125.8	0.00	0.22	0.19	0	2	1	89	0.00	0.0	4.944	0.000	2	1	1	1
378606	PL.35662	C	Consumer	15.09Y	125.8	0.00	0.22	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	0.22	0.49	0	7	3	92	0.00	0.0	4.428	0.000	7	3	1	1
379617	PL.14540	C	Consumer	15.09Y	125.8	0.00	0.22	0.08	0	1	1	71	0.00	0.0	4.428	0.000	1	1	1	1
379609	PL.14540	C	Consumer	15.09Y	125.8	0.00	0.22	0.54	0	7	4	87	0.00	0.0	4.428	0.000	7	4	1	1
PL.21700	PL.28287	C	4ACSR	15.09Y	125.8	0.00	0.24	1.37	1	18	10	87	0.00	0.0	4.141	0.009	0	0	0	1
PD.1122	PL.21700	C	fuse6AMP	15.09Y	125.8	0.00	0.24	1.37	23	18	10	87	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	1.37	1	18	10	87	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	1.37	1	18	10	87	0.00	0.0	4.314	0.060	0	0	0	1
PL.22221	PL.22222	C	4ACSR	15.09Y	125.8	0.00	0.25	1.37	1	18	10	87	0.00	0.0	4.400	0.087	0	0	0	1
378617	PL.22221	C	Consumer	15.09Y	125.8	0.00	0.25	1.37	0	18	10	87	0.00	0.0	4.400	0.000	18	10	1	1
PL.28566	PL.22302	C	4ACSR	15.09Y	125.8	0.00	0.24	1.01	1	13	7	88	0.00	0.0	4.059	0.026	0	0	0	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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-----				
							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	0.24	1.01	0	13	7	88	0.00	0.0	4.059	0.000	13	7	1	1
PL.14321	PL.27302	A	1/0ACSR	14.97Y	124.8	-0.00	1.23	0.00	0	0	0	100	0.00	0.0	4.047	0.055	0	0	0	0
		B		14.90Y	124.1	0.00	1.85	0.00	0	0	0	100	0.00	0.0			0	0	0	0
		C		15.09Y	125.8	0.00	0.24	2.51	1	33	18	88	0.00	0.0			0	0	0	5
PL.14538	PL.14321	A	1/0ACSR	14.97Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	4.098	0.051	0	0	0	0
		B		14.90Y	124.1	0.00	1.85	0.00	0	0	0	100	0.00	0.0			0	0	0	0
		C		15.09Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0			0	0	0	0
PD.7631-A	PL.14538	A	Open	14.97Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	4.098	0.000	0	0	0	0
		B		14.90Y	124.1	0.00	1.85	0.00	0	0	0	100	0.00	0.0			0	0	0	0
		C		15.09Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0			0	0	0	0
PL.20453	PL.14321	C	4ACSR	15.09Y	125.8	0.00	0.24	2.51	2	33	18	88	0.00	0.0	4.068	0.021	0	0	0	5
PD.1125	PL.20453	C	fuse6AMP	15.09Y	125.8	0.00	0.24	2.51	43	33	18	88	0.00	0.0	4.068	0.000	0	0	0	5
PL.20452	PD.1125	C	4ACSR	15.09Y	125.8	0.00	0.25	2.51	2	33	18	88	0.00	0.0	4.147	0.079	0	0	0	5
PL.6260	PL.20452	C	4ACSR	15.09Y	125.8	0.00	0.25	0.71	1	9	5	87	0.00	0.0	4.235	0.088	0	0	0	1
379615	PL.6260	C	Consumer	15.09Y	125.8	0.00	0.25	0.71	0	9	5	87	0.00	0.0	4.235	0.000	9	5	1	1
379601	PL.20452	C	Consumer	15.09Y	125.8	0.00	0.25	0.54	0	7	4	87	0.00	0.0	4.147	0.000	7	4	1	1
3796017	PL.20452	C	Consumer	15.09Y	125.8	0.00	0.25	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	0.25	0.43	0	6	3	89	0.00	0.0	4.147	0.000	6	3	1	1
379602	PL.20452	C	Consumer	15.09Y	125.8	0.00	0.25	0.75	0	10	5	89	0.00	0.0	4.147	0.000	10	5	1	1
379627	PL.20452	C	Consumer	15.09Y	125.8	0.00	0.25	0.08	0	1	1	71	0.00	0.0	4.147	0.000	1	1	1	1
430612	PL.19543	B	Consumer	14.92Y	124.3	0.00	1.68	0.90	0	12	6	89	0.00	0.0	3.537	0.000	12	6	1	1
430606	PL.19543	B	Consumer	14.92Y	124.3	0.00	1.68	0.58	0	8	4	89	0.00	0.0	3.537	0.000	8	4	1	1
PL.17790	PL.14473	A	4ACSR	14.99Y	124.9	0.00	1.07	3.83	3	51	27	88	0.00	0.0	3.389	0.024	0	0	0	4
PD.1354	PL.17790	A	fuse6AMP	14.99Y	124.9	0.00	1.07	3.83	65	51	27	88	0.00	0.0	3.389	0.000	0	0	0	4
PL.17791	PD.1354	A	4ACSR	14.99Y	124.9	0.01	1.08	3.83	3	51	27	88	0.00	0.0	3.448	0.059	0	0	0	4
PL.18252	PL.17791	A	4ACSR	14.99Y	124.9	0.01	1.08	2.76	2	36	19	88	0.00	0.0	3.533	0.085	0	0	0	3
PL.18253	PL.18252	A	4ACSR	14.99Y	124.9	0.00	1.08	1.37	1	18	10	87	0.00	0.0	3.534	0.000	0	0	0	2
PL.2410	PL.18253	A	4ACSR	14.99Y	124.9	0.00	1.08	1.37	1	18	10	87	0.00	0.0	3.570	0.036	0	0	0	2
430615	PL.2410	A	Consumer	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	3.570	0.000	0	0	1	1
430611	PL.2410	A	Consumer	14.99Y	124.9	0.00	1.08	1.37	0	18	10	87	0.00	0.0	3.570	0.000	18	10	1	1
430610	PL.18252	A	Consumer	14.99Y	124.9	0.00	1.08	1.38	0	18	10	87	0.00	0.0	3.533	0.000	18	10	1	1
430609	PL.17791	A	Consumer	14.99Y	124.9	0.00	1.08	1.08	0	14	8	87	0.00	0.0	3.448	0.000	14	8	1	1
PL.2404	PL.14472	C	4ACSR	15.09Y	125.8	0.00	0.22	0.05	0	1	0	100	0.00	0.0	3.310	0.028	0	0	0	1
PD.1359	PL.2404	C	fuse6AMP	15.09Y	125.8	0.00	0.22	0.05	1	1	0	100	0.00	0.0	3.310	0.000	0	0	0	1
PL.14474	PD.1359	C	4ACSR	15.09Y	125.8	0.00	0.22	0.05	0	1	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	0.22	0.05	0	1	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	0.22	0.05	0	1	0	100	0.00	0.0	3.675	0.000	1	0	1	1
PL.14319	PL.14474	C	4ACSR	15.09Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	3.716	0.142	0	0	0	0
PL.18177	PL.6493	A	4ACSR	15.00Y	125.0	0.00	1.03	0.00	0	0	0	100	0.00	0.0	3.264	0.020	0	0	0	1
PD.1353	PL.18177	A	fuse6AMP	15.00Y	125.0	0.00	1.03	0.00	0	0	0	100	0.00	0.0	3.264	0.000	0	0	0	1
PL.18178	PD.1353	A	4ACSR	15.00Y	125.0	0.00	1.03	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\SUMMER\PROPOSED SUMMER 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 rows for elements 431602 through 431507 and PD.7103.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.39784, 4325026, etc.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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							
4335110	PL.14306	B	Consumer	15.06Y	125.5	0.00	0.46	0.00	0	0	0	100	0.00	0.0	0.603	0.000	0	0	0	0
4335112	PL.14306	B	Consumer	15.06Y	125.5	0.00	0.46	0.27	0	4	2	89	0.00	0.0	0.603	0.000	4	2	1	1
4335109	PL.14306	B	Consumer	15.06Y	125.5	0.00	0.46	0.16	0	2	1	89	0.00	0.0	0.603	0.000	2	1	1	1
4335113	PL.14306	B	Consumer	15.06Y	125.5	0.00	0.46	0.45	0	6	3	89	0.00	0.0	0.603	0.000	6	3	1	1
PL.14307	PL.14306	A	1/0ACSR	15.10Y	125.9	0.00	0.14	0.19	0	3	1	95	0.01	0.0	0.650	0.047	0	0	0	1
		B		15.06Y	125.5	0.01	0.47	15.18	8	202	108	88					0	0	0	30
		C		15.13Y	126.1	-0.00	-0.06	1.88	1	25	13	88					0	0	0	1
PL.27569	PL.14307	B	4ACSR	15.06Y	125.5	0.00	0.48	3.16	3	42	22	89	0.00	0.0	0.662	0.012	0	0	0	3
PD.1395	PL.27569	B	fuse6AMP	15.06Y	125.5	0.00	0.48	3.16	54	42	22	89	0.00	0.0	0.662	0.000	0	0	0	3
PL.27570	PD.1395	B	4ACSR	15.06Y	125.5	0.00	0.48	3.16	3	42	22	89	0.00	0.0	0.709	0.047	0	0	0	3
PL.6686	PL.27570	B	4ACSR	15.06Y	125.5	0.00	0.48	2.18	2	29	15	89	0.00	0.0	0.710	0.001	0	0	0	2
PL.23918	PL.6686	B	4ACSR	15.06Y	125.5	0.00	0.48	2.18	2	29	15	89	0.00	0.0	0.740	0.030	0	0	0	2
PL.2452	PL.23918	B	4ACSR	15.06Y	125.5	0.00	0.48	2.18	2	29	15	89	0.00	0.0	0.830	0.091	0	0	0	2
433520	PL.2452	B	Consumer	15.06Y	125.5	0.00	0.48	1.19	0	16	8	89	0.00	0.0	0.830	0.000	16	8	1	1
433568	PL.2452	B	Consumer	15.06Y	125.5	0.00	0.48	1.00	0	13	7	88	0.00	0.0	0.830	0.000	13	7	1	1
433503	PL.27570	B	Consumer	15.06Y	125.5	0.00	0.48	0.98	0	13	7	88	0.00	0.0	0.709	0.000	13	7	1	1
PL.27571	PL.14307	B	4ACSR	15.06Y	125.5	0.00	0.48	10.17	9	135	72	88	0.00	0.0	0.661	0.011	0	0	0	23
C PD.1400	PL.27571	B	fuse6AMP	15.06Y	125.5	0.00	0.48	10.17	174	135	72	88	0.00	0.0	0.661	0.000	0	0	0	23 C
PL.45859	PD.1400	B	4ACSR	15.06Y	125.5	0.00	0.48	10.17	9	135	72	88	0.00	0.0	0.673	0.012	0	0	0	23
4335152	PL.45859	B	Consumer	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	0.673	0.000	0	0	0	0
4335153	4335152	B	Consumer	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	0.673	0.000	0	0	0	0
4335154	PL.45859	B	Consumer	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	0.673	0.000	0	0	0	0
4335155	4335154	B	Consumer	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	0.673	0.000	0	0	0	0
4335151	PL.45859	B	Consumer	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	0.673	0.000	0	0	0	0
4335150	4335151	B	Consumer	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	0.673	0.000	0	0	0	0
PL.45860	PL.45859	B	4ACSR	15.06Y	125.5	0.01	0.49	10.17	9	135	72	88	0.01	0.0	0.699	0.026	0	0	0	23
PL.14308	PL.45860	B	4ACSR	15.06Y	125.5	0.00	0.49	1.67	1	22	12	88	0.00	0.0	0.727	0.028	0	0	0	3
PL.6696	PL.14308	B	4ACSR	15.06Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	0.727	0.000	0	0	0	0
433586	PL.14308	B	Consumer	15.06Y	125.5	0.00	0.49	0.58	0	8	4	89	0.00	0.0	0.727	0.000	8	4	1	1
433584	PL.14308	B	Consumer	15.06Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	0.727	0.000	0	0	0	0
433587	PL.14308	B	Consumer	15.06Y	125.5	0.00	0.49	0.29	0	4	2	89	0.00	0.0	0.727	0.000	4	2	1	1
4335129	PL.14308	B	Consumer	15.06Y	125.5	0.00	0.49	0.80	0	11	6	88	0.00	0.0	0.727	0.000	11	6	1	1
433585	PL.14308	B	Consumer	15.06Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	0.727	0.000	0	0	0	0
433589	PL.45860	B	Consumer	15.06Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	0.699	0.000	0	0	0	0
4335156	PL.45860	B	Consumer	15.06Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	0.699	0.000	0	0	0	0
4335157	4335156	B	Consumer	15.06Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	0.699	0.000	0	0	0	0
4335158	4335157	B	Consumer	15.06Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	0.699	0.000	0	0	0	0
4335159	4335158	B	Consumer	15.06Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	0.699	0.000	0	0	0	0
433591	PL.45860	B	Consumer	15.06Y	125.5	0.00	0.49	0.32	0	4	2	89	0.00	0.0	0.699	0.000	4	2	1	1

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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								
4335104	PL.45860	B	Consumer	15.06Y	125.5	0.00	0.49	0.12	0	2	1	89	0.00	0.0	0.699	0.000	2	1	1	1		
433588	PL.45860	B	Consumer	15.06Y	125.5	0.00	0.49	0.08	0	1	1	71	0.00	0.0	0.699	0.000	1	1	1	1		
433590	PL.45860	B	Consumer	15.06Y	125.5	0.00	0.49	0.34	0	5	2	93	0.00	0.0	0.699	0.000	5	2	1	1		
4335105	PL.45860	B	Consumer	15.06Y	125.5	0.00	0.49	0.18	0	2	1	89	0.00	0.0	0.699	0.000	2	1	1	1		
PL.14309	PL.45860	B	4ACSR	15.06Y	125.5	0.01	0.49	7.46	6	99	53	88	0.01	0.0	0.744	0.046	0	0	0	15		
PL.14310	PL.14309	B	4ACSR	15.06Y	125.5	0.00	0.50	4.35	4	58	31	88	0.00	0.0	0.768	0.024	0	0	0	8		
4335126	PL.14310	B	Consumer	15.06Y	125.5	0.00	0.50	0.51	0	7	4	87	0.00	0.0	0.768	0.000	7	4	1	1		
4335127	PL.14310	B	Consumer	15.06Y	125.5	0.00	0.50	0.80	0	11	6	88	0.00	0.0	0.768	0.000	11	6	1	1		
4335128	PL.14310	B	Consumer	15.06Y	125.5	0.00	0.50	0.80	0	11	6	88	0.00	0.0	0.768	0.000	11	6	1	1		
4335131	PL.14310	B	Consumer	15.06Y	125.5	0.00	0.50	0.62	0	8	4	89	0.00	0.0	0.768	0.000	8	4	1	1		
433592	PL.14310	B	Consumer	15.06Y	125.5	0.00	0.50	0.18	0	2	1	89	0.00	0.0	0.768	0.000	2	1	1	1		
4335130	PL.14310	B	Consumer	15.06Y	125.5	0.00	0.50	0.54	0	7	4	87	0.00	0.0	0.768	0.000	7	4	1	1		
433593	PL.14310	B	Consumer	15.06Y	125.5	0.00	0.50	0.28	0	4	2	89	0.00	0.0	0.768	0.000	4	2	1	1		
4335125	PL.14310	B	Consumer	15.06Y	125.5	0.00	0.50	0.63	0	8	4	89	0.00	0.0	0.768	0.000	8	4	1	1		
4335133	PL.14309	B	Consumer	15.06Y	125.5	0.00	0.49	0.44	0	6	3	89	0.00	0.0	0.744	0.000	6	3	1	1		
433597	PL.14309	B	Consumer	15.06Y	125.5	0.00	0.49	0.53	0	7	4	87	0.00	0.0	0.744	0.000	7	4	1	1		
433596	PL.14309	B	Consumer	15.06Y	125.5	0.00	0.49	0.49	0	7	3	92	0.00	0.0	0.744	0.000	7	3	1	1		
433595	PL.14309	B	Consumer	15.06Y	125.5	0.00	0.49	0.38	0	5	3	86	0.00	0.0	0.744	0.000	5	3	1	1		
433594	PL.14309	B	Consumer	15.06Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	0.744	0.000	0	0	0	0		
4335134	PL.14309	B	Consumer	15.06Y	125.5	0.00	0.49	0.53	0	7	4	87	0.00	0.0	0.744	0.000	7	4	1	1		
4335135	PL.14309	B	Consumer	15.06Y	125.5	0.00	0.49	0.42	0	6	3	89	0.00	0.0	0.744	0.000	6	3	1	1		
4335132	PL.14309	B	Consumer	15.06Y	125.5	0.00	0.49	0.31	0	4	2	89	0.00	0.0	0.744	0.000	4	2	1	1		
4335103	PL.14307	B	Consumer	15.06Y	125.5	0.00	0.47	0.29	0	4	2	89	0.00	0.0	0.650	0.000	4	2	1	1		
4335102	PL.14307	B	Consumer	15.06Y	125.5	0.00	0.47	0.26	0	3	2	83	0.00	0.0	0.650	0.000	3	2	1	1		
4335149	PL.14307	B	Consumer	15.06Y	125.5	0.00	0.47	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	15.10Y	125.9	-0.00	0.14	0.19	0	3	1	95	0.00	0.0	0.844	0.194	0	0	0	1		
		B		15.06Y	125.5	0.00	0.48	1.30	1	17	9	88					0	0	0	2		
		C		15.13Y	126.1	0.00	-0.05	1.88	1	25	13	88					0	0	0	1		
PL.14317	PL.14316	A	1/0ACSR	15.10Y	125.9	-0.00	0.13	0.00	0	0	0	100	0.00	0.0	1.052	0.208	0	0	0	0		
		B		15.06Y	125.5	0.00	0.48	1.30	1	17	9	88					0	0	0	2		
		C		15.13Y	126.0	0.00	-0.05	1.88	1	25	13	88					0	0	0	1		
PL.14318	PL.14317	A	1/0ACSR	15.10Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	1.128	0.075	0	0	0	0		
		B		15.06Y	125.5	0.00	0.48	1.30	1	17	9	88					0	0	0	2		
		C		15.13Y	126.0	-0.00	-0.05	0.00	0	0	0	100					0	0	0	0		
PL.14452	PL.14318	A	1/0ACSR	15.10Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	1.229	0.101	0	0	0	0		
		B		15.06Y	125.5	0.00	0.48	1.30	1	17	9	88					0	0	0	2		
		C		15.13Y	126.0	-0.00	-0.05	0.00	0	0	0	100					0	0	0	0		
PL.14453	PL.14452	A	1/0ACSR	15.10Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	1.251	0.023	0	0	0	0		
		B		15.06Y	125.5	0.00	0.49	1.30	1	17	9	88					0	0	0	2		
		C		15.13Y	126.0	-0.00	-0.05	0.00	0	0	0	100					0	0	0	0		
PL.18428	PL.14453	B	4ACSR	15.06Y	125.5	0.00	0.49	1.30	1	17	9	88	0.00	0.0	1.263	0.012	0	0	0	2		
PD.1398	PL.18428	B	fuse6AMP	15.06Y	125.5	0.00	0.49	1.30	22	17	9	88	0.00	0.0	1.263	0.000	0	0	0	2		
PL.18429	PD.1398	B	4ACSR	15.06Y	125.5	0.00	0.49	1.30	1	17	9	88	0.00	0.0	1.313	0.050	0	0	0	2		

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	15.06Y	125.5	0.00	0.49	1.29	1	17	9	88	0.00	0.0	1.392	0.079	0	0	0	1
PL.6685	PL.14454	B	4ACSR	15.06Y	125.5	0.00	0.49	1.29	1	17	9	88	0.00	0.0	1.392	0.000	0	0	0	1
434504	PL.6685	B	Consumer	15.06Y	125.5	0.00	0.49	1.29	0	17	9	88	0.00	0.0	1.392	0.000	17	9	1	1
PL.2260	PL.18429	B	4ACSR	15.06Y	125.5	0.00	0.49	0.01	0	0	0	100	0.00	0.0	1.400	0.087	0	0	0	1
434505	PL.2260	B	Consumer	15.06Y	125.5	0.00	0.49	0.01	0	0	0	100	0.00	0.0	1.400	0.000	0	0	1	1
PL.18426	PL.14453	C	4ACSR	15.13Y	126.0	0.00	-0.05	0.00	0	0	0	100	0.00	0.0	1.260	0.009	0	0	0	0
PD.1399	PL.18426	C	fuse6AMP	15.13Y	126.0	0.00	-0.05	0.00	0	0	0	100	0.00	0.0	1.260	0.000	0	0	0	0
PL.18427	PD.1399	C	4ACSR	15.13Y	126.0	0.00	-0.05	0.00	0	0	0	100	0.00	0.0	1.304	0.043	0	0	0	0
433501	PL.18427	C	Consumer	15.13Y	126.0	0.00	-0.05	0.00	0	0	0	100	0.00	0.0	1.304	0.000	0	0	0	0
PL.2261	PL.14317	A	1/0ACSR	15.10Y	125.9	-0.00	0.13	0.00	0	0	0	100	0.00	0.0	1.095	0.042	0	0	0	0
		B		15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
		C		15.13Y	126.0	0.00	-0.05	1.88	1	25	13	88	0.00	0.0	0	0	0	0	1	1
434503	PL.2261	C	Consumer	15.13Y	126.0	0.00	-0.05	1.88	0	25	13	89	0.00	0.0	1.095	0.000	25	13	1	1
PL.14448	PL.14316	A	4ACSR	15.10Y	125.9	0.00	0.14	0.19	0	3	1	95	0.00	0.0	0.863	0.019	0	0	0	1
PD.1397	PL.14448	A	fuse6AMP	15.10Y	125.9	0.00	0.14	0.19	3	3	1	95	0.00	0.0	0.863	0.000	0	0	0	1
PL.14447	PD.1397	A	4ACSR	15.10Y	125.9	0.00	0.14	0.19	0	3	1	95	0.00	0.0	0.930	0.067	0	0	0	1
433506	PL.14447	A	Consumer	15.10Y	125.9	0.00	0.14	0.19	0	3	1	95	0.00	0.0	0.930	0.000	3	1	1	1
PL.17928	PL.17931	B	4ACSR	15.06Y	125.5	0.01	0.46	28.11	24	374	199	88	0.03	0.0	0.568	0.015	0	0	0	37
C PD.2649	PL.17928	B	25E	15.06Y	125.5	0.00	0.46	28.11	112	374	199	88	0.00	0.0	0.568	0.000	0	0	0	37 C
PL.17929	PD.2649	B	4ACSR	15.06Y	125.5	0.02	0.48	28.11	24	374	199	88	0.05	0.0	0.593	0.025	0	0	0	37
4335122	PL.17929	B	Consumer	15.06Y	125.5	0.00	0.48	0.26	0	3	2	83	0.00	0.0	0.593	0.000	3	2	1	1
4335121	PL.17929	B	Consumer	15.06Y	125.5	0.00	0.48	0.41	0	5	3	86	0.00	0.0	0.593	0.000	5	3	1	1
4335119	PL.17929	B	Consumer	15.06Y	125.5	0.00	0.48	0.52	0	7	4	87	0.00	0.0	0.593	0.000	7	4	1	1
4335118	PL.17929	B	Consumer	15.06Y	125.5	0.00	0.48	0.48	0	6	3	89	0.00	0.0	0.593	0.000	6	3	1	1
PL.14305	PL.17929	B	4ACSR	15.06Y	125.5	0.02	0.50	26.45	22	352	187	88	0.06	0.0	0.627	0.034	0	0	0	33
PL.14449	PL.14305	B	4ACSR	15.06Y	125.5	0.04	0.54	25.82	22	343	183	88	0.11	0.0	0.695	0.068	0	0	0	30
433572	PL.14449	B	Consumer	15.06Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	0.695	0.000	0	0	0	0
433575	PL.14449	B	Consumer	15.06Y	125.5	0.00	0.54	0.83	0	11	6	88	0.00	0.0	0.695	0.000	11	6	1	1
433574	PL.14449	B	Consumer	15.06Y	125.5	0.00	0.54	0.82	0	11	6	88	0.00	0.0	0.695	0.000	11	6	1	1
433571	PL.14449	B	Consumer	15.06Y	125.5	0.00	0.54	0.94	0	13	7	88	0.00	0.0	0.695	0.000	13	7	1	1
433576	PL.14449	B	Consumer	15.06Y	125.5	0.00	0.54	0.25	0	3	2	83	0.00	0.0	0.695	0.000	3	2	1	1
433538	PL.14449	B	Consumer	15.06Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	0.695	0.000	0	0	0	0
433565	PL.14449	B	Consumer	15.06Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	0.695	0.000	0	0	0	0
PL.14450	PL.14449	B	4ACSR	15.05Y	125.4	0.02	0.56	22.98	19	305	163	88	0.04	0.0	0.731	0.036	0	0	0	26
PL.14451	PL.14450	B	4ACSR	15.05Y	125.4	0.01	0.57	8.15	7	108	58	88	0.01	0.0	0.775	0.044	0	0	0	9
433560	PL.14451	B	Consumer	15.05Y	125.4	0.00	0.57	1.27	0	17	9	88	0.00	0.0	0.775	0.000	17	9	1	1
433562	PL.14451	B	Consumer	15.05Y	125.4	0.00	0.57	0.90	0	12	6	89	0.00	0.0	0.775	0.000	12	6	1	1
433563	PL.14451	B	Consumer	15.05Y	125.4	0.00	0.57	0.90	0	12	6	89	0.00	0.0	0.775	0.000	12	6	1	1
433561	PL.14451	B	Consumer	15.05Y	125.4	0.00	0.57	0.64	0	8	5	85	0.00	0.0	0.775	0.000	8	5	1	1

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	Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR			Cons On	Cons Thru		
PL.6693	PL.14451	B	4ACSR	15.05Y	125.4	0.00	0.57	4.44	4	59	31	89	0.00	0.0	0.812	0.037	0	0	0	5		
433559	PL.6693	B	Consumer	15.05Y	125.4	0.00	0.57	0.87	0	12	6	89	0.00	0.0	0.812	0.000	12	6	1	1		
433556	PL.6693	B	Consumer	15.05Y	125.4	0.00	0.57	0.57	0	8	4	89	0.00	0.0	0.812	0.000	8	4	1	1		
433558	PL.6693	B	Consumer	15.05Y	125.4	0.00	0.57	0.95	0	13	7	88	0.00	0.0	0.812	0.000	13	7	1	1		
433582	PL.6693	B	Consumer	15.05Y	125.4	0.00	0.57	1.05	0	14	7	89	0.00	0.0	0.812	0.000	14	7	1	1		
433557	PL.6693	B	Consumer	15.05Y	125.4	0.00	0.57	1.00	0	13	7	88	0.00	0.0	0.812	0.000	13	7	1	1		
PL.14313	PL.14450	B	4ACSR	15.05Y	125.4	0.01	0.57	12.67	11	168	90	88	0.02	0.0	0.775	0.044	0	0	0	13		
433544	PL.14313	B	Consumer	15.05Y	125.4	0.00	0.57	0.87	0	12	6	89	0.00	0.0	0.775	0.000	12	6	1	1		
433543	PL.14313	B	Consumer	15.05Y	125.4	0.00	0.57	0.87	0	12	6	89	0.00	0.0	0.775	0.000	12	6	1	1		
PL.6690	PL.14313	B	4ACSR	15.05Y	125.4	0.01	0.59	10.94	9	145	77	88	0.01	0.0	0.827	0.052	0	0	0	11		
PL.6691	PL.6690	B	4ACSR	15.05Y	125.4	0.01	0.59	5.92	5	79	42	88	0.00	0.0	0.872	0.045	0	0	0	7		
433552	PL.6691	B	Consumer	15.05Y	125.4	0.00	0.59	0.63	0	8	4	89	0.00	0.0	0.872	0.000	8	4	1	1		
433549	PL.6691	B	Consumer	15.05Y	125.4	0.00	0.59	0.92	0	12	6	89	0.00	0.0	0.872	0.000	12	6	1	1		
433550	PL.6691	B	Consumer	15.05Y	125.4	0.00	0.59	1.02	0	14	7	89	0.00	0.0	0.872	0.000	14	7	1	1		
433551	PL.6691	B	Consumer	15.05Y	125.4	0.00	0.59	0.84	0	11	6	88	0.00	0.0	0.872	0.000	11	6	1	1		
PL.6692	PL.6691	B	4ACSR	15.05Y	125.4	0.00	0.59	2.51	2	33	18	88	0.00	0.0	0.906	0.034	0	0	0	3		
433554	PL.6692	B	Consumer	15.05Y	125.4	0.00	0.59	0.74	0	10	5	89	0.00	0.0	0.906	0.000	10	5	1	1		
433553	PL.6692	B	Consumer	15.05Y	125.4	0.00	0.59	0.96	0	13	7	88	0.00	0.0	0.906	0.000	13	7	1	1		
433555	PL.6692	B	Consumer	15.05Y	125.4	0.00	0.59	0.81	0	11	6	88	0.00	0.0	0.906	0.000	11	6	1	1		
433546	PL.6690	B	Consumer	15.05Y	125.4	0.00	0.59	0.97	0	13	7	88	0.00	0.0	0.827	0.000	13	7	1	1		
433547	PL.6690	B	Consumer	15.05Y	125.4	0.00	0.59	1.48	0	20	10	89	0.00	0.0	0.827	0.000	20	10	1	1		
433545	PL.6690	B	Consumer	15.05Y	125.4	0.00	0.59	1.13	0	15	8	88	0.00	0.0	0.827	0.000	15	8	1	1		
433548	PL.6690	B	Consumer	15.05Y	125.4	0.00	0.59	1.43	0	19	10	88	0.00	0.0	0.827	0.000	19	10	1	1		
433566	PL.14450	B	Consumer	15.05Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	0.731	0.000	0	0	1	1		
433542	PL.14450	B	Consumer	15.05Y	125.4	0.00	0.56	0.52	0	7	4	87	0.00	0.0	0.731	0.000	7	4	1	1		
433541	PL.14450	B	Consumer	15.05Y	125.4	0.00	0.56	0.97	0	13	7	88	0.00	0.0	0.731	0.000	13	7	1	1		
433570	PL.14450	B	Consumer	15.05Y	125.4	0.00	0.56	0.66	0	9	5	87	0.00	0.0	0.731	0.000	9	5	1	1		
4335124	PL.14305	B	Consumer	15.06Y	125.5	0.00	0.50	0.28	0	4	2	89	0.00	0.0	0.627	0.000	4	2	1	1		
4335123	PL.14305	B	Consumer	15.06Y	125.5	0.00	0.50	0.22	0	3	2	83	0.00	0.0	0.627	0.000	3	2	1	1		
4335136	PL.14305	B	Consumer	15.06Y	125.5	0.00	0.50	0.12	0	2	1	89	0.00	0.0	0.627	0.000	2	1	1	1		
4335116	PL.17931	B	Consumer	15.07Y	125.5	0.00	0.45	0.44	0	6	3	89	0.00	0.0	0.553	0.000	6	3	1	1		
4335114	PL.17931	B	Consumer	15.07Y	125.5	0.00	0.45	0.41	0	5	3	86	0.00	0.0	0.553	0.000	5	3	1	1		
4335115	PL.17931	B	Consumer	15.07Y	125.5	0.00	0.45	0.90	0	12	6	89	0.00	0.0	0.553	0.000	12	6	1	1		
4335117	PL.17931	B	Consumer	15.07Y	125.5	0.00	0.45	0.49	0	6	3	89	0.00	0.0	0.553	0.000	6	3	1	1		
PL.13671	PL.95	A	1/0ACSR	15.10Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	0.369	0.001	0	0	0	0		
		B		15.08Y	125.7	0.00	0.33	0.00	0	0	0	100					0	0	0	0		
		C		15.12Y	126.0	0.00	-0.02	0.00	0	0	0	100					0	0	0	0		
433523	PL.42654	A	Consumer	15.12Y	126.0	0.00	0.02	0.77	0	12	1	100	0.00	0.0	0.081	0.000	12	1	0	0		
		B		15.11Y	125.9	0.00	0.05	0.77	0	12	1	99					12	1	0	0		
		C		15.12Y	126.0	0.00	-0.01	0.77	0	12	1	99					12	1	0	0		

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, 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.42349, PL.42651, PD.8109, etc.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.29540, 433527, PL.13682, PL.1603, PL.24699, PL.24700, PL.23655, PL.13685, PD.332-A, PD.332-B, PL.13686, PL.13687, PL.13688, PL.29285, 433577, 433580, 433579, 433578, 4335146, PL.6694, PL.6695, 433569.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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						
433564	PL.6694	B	Consumer	15.13Y	126.1	0.00	-0.09	1.40	0	19	9	90	0.00	0.0	1.192	0.000	19	9	1	1		
PL.29286	PL.13688	A	4ACSR	15.09Y	125.7	0.00	0.28	0.05	0	1	0	100	0.00	0.0	1.217	0.059	0	0	0	1		
4335101	PL.29286	A	Consumer	15.09Y	125.7	0.00	0.28	0.05	0	1	0	100	0.00	0.0	1.217	0.000	1	0	1	1		
4335100	PL.29286	A	Consumer	15.09Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	1.217	0.000	0	0	0	0		
433529	PL.13687	A	Consumer	15.09Y	125.7	0.00	0.28	0.01	0	0	0	100	0.00	0.0	1.060	0.000	0	0	0	0		
		B		15.13Y	126.1	0.00	-0.09	0.01	0	0	0	90					0	0	0	0		
		C		15.08Y	125.7	0.00	0.30	0.01	0	0	0	90					0	0	0	0		
LMS#2	PL.13687	A	Node	15.09Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	1.060	0.000	0	0	0	0		
		B		15.13Y	126.1	0.00	-0.09	0.00	0	0	0	100					0	0	0	0		
		C		15.08Y	125.7	0.00	0.30	0.00	0	0	0	100					0	0	0	0		
PL.21364	PL.13686	A	1/0ACSR	15.09Y	125.7	0.00	0.28	0.97	0	13	6	91	0.00	0.0	1.085	0.072	0	0	0	1		
		B		15.13Y	126.1	0.00	-0.09	1.12	1	15	7	90					0	0	0	3		
		C		15.08Y	125.7	0.00	0.31	0.97	0	13	6	90					0	0	0	1		
PL.21365	PL.21364	A	1/0ACSR	15.09Y	125.7	0.00	0.28	0.97	0	13	6	91	0.00	0.0	1.152	0.066	0	0	0	1		
		B		15.13Y	126.1	0.00	-0.09	1.12	1	15	7	90					0	0	0	3		
		C		15.08Y	125.7	0.00	0.31	0.97	0	13	6	90					0	0	0	1		
PL.13689	PL.21365	A	1/0ACSR	15.09Y	125.7	0.00	0.28	0.27	0	4	2	89	0.00	0.0	1.183	0.031	0	0	0	0		
		B		15.13Y	126.1	0.00	-0.09	0.42	0	6	3	90					0	0	0	2		
		C		15.08Y	125.7	0.00	0.31	0.27	0	4	2	90					0	0	0	0		
PL.29284	PL.13689	B	4ACSR	15.13Y	126.1	0.00	-0.09	0.15	0	2	1	89	0.00	0.0	1.268	0.085	0	0	0	2		
433537	PL.29284	B	Consumer	15.13Y	126.1	0.00	-0.09	0.10	0	1	1	71	0.00	0.0	1.268	0.000	1	1	1	1		
433536	PL.29284	B	Consumer	15.13Y	126.1	0.00	-0.09	0.05	0	1	0	100	0.00	0.0	1.268	0.000	1	0	1	1		
433534	PL.13689	B	Consumer	15.13Y	126.1	0.00	-0.09	0.00	0	0	0	100	0.00	0.0	1.183	0.000	0	0	0	0		
433535	PL.13689	A	Consumer	15.09Y	125.7	0.00	0.28	0.27	0	4	2	89	0.00	0.0	1.183	0.000	4	2	0	0		
		B		15.13Y	126.1	0.00	-0.09	0.27	0	4	2	90					4	2	0	0		
		C		15.08Y	125.7	0.00	0.31	0.27	0	4	2	90					4	2	0	0		
PL.29471	PL.21365	A	1/0ACSR	15.09Y	125.7	0.00	0.28	0.71	0	10	5	89	0.00	0.0	1.166	0.014	0	0	0	0		
		B		15.13Y	126.1	0.00	-0.09	0.70	0	10	5	90					0	0	0	0		
		C		15.08Y	125.7	0.00	0.31	0.71	0	10	5	90					0	0	0	0		
PD.1401	PL.29471	A	fuse20AMP	15.09Y	125.7	0.00	0.28	0.71	4	10	5	89	0.00	0.0	1.166	0.000	0	0	0	0		
		B		15.13Y	126.1	0.00	-0.09	0.70	4	10	5	90					0	0	0	0		
		C		15.08Y	125.7	0.00	0.31	0.71	4	10	5	90					0	0	0	0		
PL.29472	PD.1401	A	1/0ACSR	15.09Y	125.7	0.00	0.28	0.71	0	10	5	89	0.00	0.0	1.248	0.082	0	0	0	0		
		B		15.13Y	126.1	0.00	-0.09	0.70	0	10	5	90					0	0	0	0		
		C		15.08Y	125.7	0.00	0.31	0.71	0	10	5	90					0	0	0	0		
433532	PL.29472	A	Consumer	15.09Y	125.7	0.00	0.28	0.71	0	10	5	89	0.00	0.0	1.248	0.000	10	5	0	0		
		B		15.13Y	126.1	0.00	-0.09	0.70	0	10	5	90					10	5	0	0		
		C		15.08Y	125.7	0.00	0.31	0.71	0	10	5	90					10	5	0	0		
PL.13690	PL.24700	A	1/0ACSR	15.08Y	125.7	0.07	0.34	49.22	24	653	353	88	0.51	0.0	0.976	0.138	0	0	0	85		
		B		15.13Y	126.1	-0.02	-0.12	3.09	2	42	20	90					0	0	0	3		
		C		15.07Y	125.6	0.07	0.38	37.88	19	504	269	88					0	0	0	44		
PL.13692	PL.13690	B	4ACSR	15.13Y	126.1	0.00	-0.12	3.02	3	41	20	90	0.00	0.0	0.997	0.021	0	0	0	2		
PD.1372	PL.13692	B	fuse6AMP	15.13Y	126.1	0.00	-0.12	3.02	52	41	20	90	0.00	0.0	0.997	0.000	0	0	0	2		
PL.42264	PD.1372	B	4ACSR	15.13Y	126.1	0.00	-0.11	3.02	3	41	20	90	0.00	0.0	1.028	0.031	0	0	0	2		
PL.42265	PL.42264	B	4ACSR	15.13Y	126.1	0.00	-0.11	1.47	1	20	10	89	0.00	0.0	1.072	0.044	0	0	0	1		
433603	PL.42265	B	Consumer	15.13Y	126.1	0.00	-0.11	1.47	0	20	10	89	0.00	0.0	1.072	0.000	20	10	1	1		
4336004	PL.42264	B	Consumer	15.13Y	126.1	0.00	-0.11	1.55	0	21	10	90	0.00	0.0	1.028	0.000	21	10	1	1		
PL.42267	PL.13690	A	1/0ACSR	15.08Y	125.6	0.02	0.36	49.22	24	653	353	88	0.13	0.0	1.009	0.033	0	0	0	85		
		B		15.13Y	126.1	-0.01	-0.12	0.07	0	1	0	90					0	0	0	1		
		C		15.07Y	125.6	0.02	0.39	37.88	19	504	269	88					0	0	0	44		

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. Includes data for various elements like PL.45722, PL.45724, PD.8676, etc.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	
H PL.26368	PL.26367	A	1/0ACSR	14.95Y	124.6	0.08	1.42	41.49	21	548	292	88	0.63	0.1	3.262	0.205	0	0	0	73	
		B		15.18Y	126.5	-0.03	-0.54	0.00	0	0	0	100					0	0	0	0	H
		C		14.93Y	124.4	0.11	1.61	37.81	19	498	266	88					0	0	0	43	
PL.13327	PL.26368	C	4ACSR	14.93Y	124.4	0.01	1.61	37.81	32	498	265	88	0.02	0.0	3.268	0.006	0	0	0	43	
C PD.2645	PL.13327	C	25V4E	14.93Y	124.4	0.00	1.61	37.81	151	498	265	88	0.00	0.0	3.268	0.000	0	0	0	43	C
PL.13328	PD.2645	C	4ACSR	14.87Y	124.0	0.43	2.05	37.81	32	498	265	88	1.68	0.3	3.762	0.493	0	0	0	43	
PL.13331	PL.13328	C	4ACSR	14.87Y	124.0	0.00	2.05	1.60	1	21	11	89	0.00	0.0	3.790	0.029	0	0	0	3	
PD.1373	PL.13331	C	fuse6AMP	14.87Y	124.0	0.00	2.05	1.60	27	21	11	89	0.00	0.0	3.790	0.000	0	0	0	3	
PL.13332	PD.1373	C	4ACSR	14.87Y	123.9	0.01	2.05	1.60	1	21	11	89	0.00	0.0	3.950	0.159	0	0	0	3	
PL.13330	PL.13332	C	4ACSR	14.87Y	123.9	0.00	2.06	0.80	1	11	6	88	0.00	0.0	4.096	0.146	0	0	0	1	
433705	PL.13330	C	Consumer	14.87Y	123.9	0.00	2.06	0.80	0	11	6	88	0.00	0.0	4.096	0.000	11	6	1	1	
PL.1600	PL.13330	C	4ACSR	14.87Y	123.9	0.00	2.06	0.00	0	0	0	100	0.00	0.0	4.225	0.129	0	0	0	0	
PL.1601	PL.13332	C	4ACSR	14.87Y	123.9	0.00	2.05	0.80	1	10	6	86	0.00	0.0	4.012	0.062	0	0	0	2	
433712	PL.1601	C	Consumer	14.87Y	123.9	0.00	2.05	0.77	0	10	5	89	0.00	0.0	4.012	0.000	10	5	1	1	
433713	PL.1601	C	Consumer	14.87Y	123.9	0.00	2.05	0.03	0	0	0	100	0.00	0.0	4.012	0.000	0	0	1	1	
433704	PL.13328	C	Consumer	14.87Y	124.0	0.00	2.05	0.88	0	12	6	89	0.00	0.0	3.762	0.000	12	6	1	1	
PL.13329	PL.13328	C	4ACSR	14.87Y	123.9	0.08	2.12	35.33	30	464	247	88	0.29	0.1	3.857	0.096	0	0	0	39	
433706	PL.13329	C	Consumer	14.87Y	123.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	3.857	0.000	0	0	1	1	
PL.24692	PL.13329	C	4ACSR	14.84Y	123.7	0.19	2.32	35.33	30	463	247	88	0.69	0.1	4.089	0.232	0	0	0	38	
PL.13339	PL.24692	C	4ACSR	14.84Y	123.7	0.01	2.33	33.38	28	437	233	88	0.04	0.0	4.103	0.013	0	0	0	36	
PD.321-A	PL.13339	C	Closed	14.84Y	123.7	0.00	2.33	33.38	0	437	233	88	0.00	0.0	4.103	0.000	0	0	0	36	
PD.321-B	PD.321-A	C	Closed	14.84Y	123.7	0.00	2.33	33.38	0	437	233	88	0.00	0.0	4.103	0.000	0	0	0	36	
PL.13340	PD.321-B	C	4ACSR	14.83Y	123.6	0.08	2.40	33.38	28	437	233	88	0.27	0.1	4.204	0.101	0	0	0	36	
PL.1599	PL.13340	C	4ACSR	14.83Y	123.6	0.00	2.40	0.00	0	0	0	100	0.00	0.0	4.241	0.037	0	0	0	1	
434729	PL.1599	C	Consumer	14.83Y	123.6	0.00	2.40	0.00	0	0	0	100	0.00	0.0	4.241	0.000	0	0	1	1	
PL.13337	PL.13340	C	4ACSR	14.82Y	123.5	0.10	2.50	33.38	28	437	233	88	0.34	0.1	4.331	0.127	0	0	0	35	
PL.13338	PL.13337	C	4ACSR	14.80Y	123.4	0.14	2.64	33.38	28	437	233	88	0.48	0.1	4.512	0.181	0	0	0	35	
PL.24698	PL.13338	C	4ACSR	14.80Y	123.3	0.02	2.67	32.41	27	424	226	88	0.08	0.0	4.545	0.033	0	0	0	34	
434709	PL.24698	C	Consumer	14.80Y	123.3	0.00	2.67	0.93	0	12	6	89	0.00	0.0	4.545	0.000	12	6	1	1	
PL.13341	PL.24698	C	4ACSR	14.79Y	123.3	0.08	2.75	29.91	25	391	208	88	0.24	0.1	4.657	0.112	0	0	0	30	
PL.13342	PL.13341	C	4ACSR	14.79Y	123.2	0.02	2.76	13.20	11	172	92	88	0.02	0.0	4.707	0.050	0	0	0	13	
PL.13343	PL.13342	C	4ACSR	14.79Y	123.2	0.00	2.76	3.83	3	50	27	88	0.00	0.0	4.719	0.011	0	0	0	3	
PL.6497	PL.13343	C	4ACSR	14.79Y	123.2	0.00	2.76	1.69	1	22	12	88	0.00	0.0	4.750	0.031	0	0	0	1	
434715	PL.6497	C	Consumer	14.79Y	123.2	0.00	2.76	1.69	0	22	12	88	0.00	0.0	4.750	0.000	22	12	1	1	
434707	PL.13343	C	Consumer	14.79Y	123.2	0.00	2.76	1.05	0	14	7	89	0.00	0.0	4.719	0.000	14	7	1	1	
434735	PL.13343	C	Consumer	14.79Y	123.2	0.00	2.76	1.09	0	14	8	87	0.00	0.0	4.719	0.000	14	8	1	1	
PL.21448	PL.13342	C	4ACSR	14.79Y	123.2	0.01	2.77	7.89	7	103	55	88	0.01	0.0	4.757	0.050	0	0	0	9	
434732	PL.21448	C	Consumer	14.79Y	123.2	0.00	2.77	0.82	0	11	6	88	0.00	0.0	4.757	0.000	11	6	1	1	
PL.23148	PL.21448	C	4ACSR	14.79Y	123.2	0.01	2.78	7.08	6	92	49	88	0.01	0.0	4.807	0.050	0	0	0	8	

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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.2418	PL.23148	C	4ACSR	14.79Y	123.2	0.00	2.78	0.99	1	13	7	88	0.00	0.0	4.853	0.047	0	0	0	1
434718	PL.2418	C	Consumer	14.79Y	123.2	0.00	2.78	0.99	0	13	7	88	0.00	0.0	4.853	0.000	13	7	1	1
PL.6498	PL.23148	C	4ACSR	14.79Y	123.2	0.01	2.78	4.93	4	64	34	88	0.00	0.0	4.856	0.049	0	0	0	6
434711	PL.6498	C	Consumer	14.79Y	123.2	0.00	2.78	1.31	0	17	9	88	0.00	0.0	4.856	0.000	17	9	1	1
434717	PL.6498	C	Consumer	14.79Y	123.2	0.00	2.78	1.03	0	13	7	88	0.00	0.0	4.856	0.000	13	7	1	1
PL.19491	PL.6498	C	4ACSR	14.79Y	123.2	0.00	2.79	2.60	2	34	18	88	0.00	0.0	4.892	0.036	0	0	0	4
PL.19492	PL.19491	C	4ACSR	14.79Y	123.2	0.00	2.79	1.17	1	15	8	88	0.00	0.0	4.948	0.056	0	0	0	2
434726	PL.19492	C	Consumer	14.79Y	123.2	0.00	2.79	0.54	0	7	4	87	0.00	0.0	4.948	0.000	7	4	1	1
434733	PL.19492	C	Consumer	14.79Y	123.2	0.00	2.79	0.63	0	8	4	89	0.00	0.0	4.948	0.000	8	4	1	1
434731	PL.19491	C	Consumer	14.79Y	123.2	0.00	2.79	0.62	0	8	4	89	0.00	0.0	4.892	0.000	8	4	1	1
434720	PL.19491	C	Consumer	14.79Y	123.2	0.00	2.79	0.80	0	10	6	86	0.00	0.0	4.892	0.000	10	6	1	1
434705	PL.23148	C	Consumer	14.79Y	123.2	0.00	2.78	1.16	0	15	8	88	0.00	0.0	4.807	0.000	15	8	1	1
PL.2422	PL.13342	C	4ACSR	14.79Y	123.2	0.00	2.76	1.47	1	19	10	88	0.00	0.0	4.729	0.022	0	0	0	1
434706	PL.2422	C	Consumer	14.79Y	123.2	0.00	2.76	1.47	0	19	10	88	0.00	0.0	4.729	0.000	19	10	1	1
PL.2421	PL.13341	C	4ACSR	14.79Y	123.2	0.02	2.76	13.91	12	182	97	88	0.03	0.0	4.715	0.058	0	0	0	14
434724	PL.2421	C	Consumer	14.79Y	123.2	0.00	2.76	1.37	0	18	10	87	0.00	0.0	4.715	0.000	18	10	1	1
434723	PL.2421	C	Consumer	14.79Y	123.2	0.00	2.76	0.60	0	8	4	89	0.00	0.0	4.715	0.000	8	4	1	1
434719	PL.2421	C	Consumer	14.79Y	123.2	0.00	2.76	0.79	0	10	5	89	0.00	0.0	4.715	0.000	10	5	1	1
PL.1597	PL.2421	C	4ACSR	14.79Y	123.2	0.02	2.78	11.15	9	146	77	88	0.02	0.0	4.786	0.071	0	0	0	11
PL.1598	PL.1597	C	4ACSR	14.79Y	123.2	0.00	2.79	4.86	4	63	34	88	0.00	0.0	4.826	0.040	0	0	0	4
PL.1604	PL.1598	C	4ACSR	14.79Y	123.2	0.00	2.79	1.04	1	14	7	89	0.00	0.0	4.890	0.064	0	0	0	1
434740	PL.1604	C	Consumer	14.79Y	123.2	0.00	2.79	1.04	0	14	7	89	0.00	0.0	4.890	0.000	14	7	1	1
PL.2425	PL.1598	C	4ACSR	14.79Y	123.2	0.00	2.79	1.57	1	20	11	88	0.00	0.0	4.842	0.017	0	0	0	1
PL.1596	PL.2425	C	4ACSR	14.79Y	123.2	0.00	2.79	1.57	1	20	11	88	0.00	0.0	4.862	0.019	0	0	0	1
434716	PL.1596	C	Consumer	14.79Y	123.2	0.00	2.79	1.57	0	20	11	88	0.00	0.0	4.862	0.000	20	11	1	1
434737	PL.1598	C	Consumer	14.79Y	123.2	0.00	2.79	1.32	0	17	9	88	0.00	0.0	4.826	0.000	17	9	1	1
434727	PL.1598	C	Consumer	14.79Y	123.2	0.00	2.79	0.93	0	12	6	89	0.00	0.0	4.826	0.000	12	6	1	1
4347044	PL.1598	C	Consumer	14.79Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	4.826	0.000	0	0	0	0
PL.19816	PL.1597	C	4ACSR	14.79Y	123.2	0.00	2.79	2.58	2	34	18	88	0.00	0.0	4.832	0.046	0	0	0	3
434728	PL.19816	C	Consumer	14.79Y	123.2	0.00	2.79	0.78	0	10	5	89	0.00	0.0	4.832	0.000	10	5	1	1
434721	PL.19816	C	Consumer	14.79Y	123.2	0.00	2.79	0.86	0	11	6	88	0.00	0.0	4.832	0.000	11	6	1	1
PL.19817	PL.19816	C	4ACSR	14.79Y	123.2	0.00	2.79	0.94	1	12	7	86	0.00	0.0	4.879	0.047	0	0	0	1
434739	PL.19817	C	Consumer	14.79Y	123.2	0.00	2.79	0.94	0	12	7	86	0.00	0.0	4.879	0.000	12	7	1	1
434730	PL.1597	C	Consumer	14.79Y	123.2	0.00	2.78	1.11	0	15	8	88	0.00	0.0	4.786	0.000	15	8	1	1
PL.24702	PL.1597	C	4ACSR	14.79Y	123.2	0.00	2.78	2.60	2	34	18	88	0.00	0.0	4.814	0.029	0	0	0	3
PL.24703	PL.24702	C	4ACSR	14.79Y	123.2	0.00	2.79	1.70	1	22	12	88	0.00	0.0	4.842	0.028	0	0	0	2
434741	PL.24703	C	Consumer	14.79Y	123.2	0.00	2.79	1.39	0	18	10	87	0.00	0.0	4.842	0.000	18	10	1	1
PL.24701	PL.24703	C	4ACSR	14.79Y	123.2	0.00	2.79	0.31	0	4	2	89	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\SUMMER\PROPOSED SUMMER 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: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.24705	PL.23652	A	4ACSR	14.87Y	123.9	0.01	2.06	5.58	5	73	39	88	0.01	0.0	4.225	0.073	0	0	0	10
433827	PL.24705	A	Consumer	14.87Y	123.9	0.00	2.06	0.85	0	11	6	88	0.00	0.0	4.225	0.000	11	6	1	1
PL.24706	PL.24705	A	4ACSR	14.87Y	123.9	0.00	2.06	4.73	4	62	33	88	0.00	0.0	4.270	0.045	0	0	0	9
PL.13383	PL.24706	A	4ACSR	14.87Y	123.9	0.02	2.09	4.73	4	62	33	88	0.01	0.0	4.485	0.216	0	0	0	9
PL.13387	PL.13383	A	4ACSR	14.87Y	123.9	0.01	2.10	2.98	3	39	21	88	0.00	0.0	4.641	0.155	0	0	0	5
PL.2413	PL.13387	A	4ACSR	14.87Y	123.9	0.00	2.10	0.71	1	9	5	87	0.00	0.0	4.700	0.059	0	0	0	2
PL.36562	PL.2413	A	2ACSR	14.87Y	123.9	0.00	2.10	0.25	0	3	2	83	0.00	0.0	4.731	0.031	0	0	0	1
4328023	PL.36562	A	Consumer	14.87Y	123.9	0.00	2.10	0.25	0	3	2	83	0.00	0.0	4.731	0.000	3	2	1	1
432820	PL.2413	A	Consumer	14.87Y	123.9	0.00	2.10	0.46	0	6	3	89	0.00	0.0	4.700	0.000	6	3	1	1
PL.13388	PL.13387	A	4ACSR	14.87Y	123.9	0.00	2.10	2.26	2	30	16	88	0.00	0.0	4.666	0.025	0	0	0	3
PL.13693	PL.13388	A	4ACSR	14.87Y	123.9	0.00	2.10	1.47	1	19	10	88	0.00	0.0	4.773	0.107	0	0	0	2
PL.13694	PL.13693	A	4ACSR	14.87Y	123.9	0.00	2.10	1.47	1	19	10	88	0.00	0.0	4.812	0.040	0	0	0	2
PL.24894	PL.13694	A	4ACSR	14.87Y	123.9	0.00	2.10	0.00	0	0	0	100	0.00	0.0	4.874	0.062	0	0	0	0
PL.13695	PL.13694	A	4ACSR	14.87Y	123.9	0.00	2.11	1.47	1	19	10	88	0.00	0.0	4.900	0.087	0	0	0	2
PL.6435	PL.13695	A	4ACSR	14.87Y	123.9	0.00	2.11	0.81	1	11	6	88	0.00	0.0	5.100	0.200	0	0	0	1
PL.6496	PL.6435	A	4ACSR	14.87Y	123.9	0.00	2.11	0.81	1	11	6	88	0.00	0.0	5.192	0.092	0	0	0	1
432818	PL.6496	A	Consumer	14.87Y	123.9	0.00	2.11	0.81	0	11	6	88	0.00	0.0	5.192	0.000	11	6	1	1
432817	PL.6435	A	Consumer	14.87Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	5.100	0.000	0	0	0	0
432821	PL.13695	A	Consumer	14.87Y	123.9	0.00	2.11	0.65	0	9	5	87	0.00	0.0	4.900	0.000	9	5	1	1
432807	PL.13388	A	Consumer	14.87Y	123.9	0.00	2.10	0.80	0	10	6	86	0.00	0.0	4.666	0.000	10	6	1	1
PL.24893	PL.13383	A	4ACSR	14.87Y	123.9	0.01	2.09	1.75	1	23	12	89	0.00	0.0	4.650	0.165	0	0	0	4
PL.24892	PL.24893	A	4ACSR	14.87Y	123.9	0.00	2.09	1.75	1	23	12	89	0.00	0.0	4.663	0.013	0	0	0	4
PL.20957	PL.24892	A	4ACSR	14.87Y	123.9	0.00	2.10	1.75	1	23	12	89	0.00	0.0	4.727	0.064	0	0	0	4
PL.1609	PL.20957	A	4ACSR	14.87Y	123.9	0.00	2.10	0.52	0	7	4	87	0.00	0.0	4.797	0.071	0	0	0	2
433826	PL.1609	A	Consumer	14.87Y	123.9	0.00	2.10	0.50	0	7	3	92	0.00	0.0	4.797	0.000	7	3	1	1
433813	PL.1609	A	Consumer	14.87Y	123.9	0.00	2.10	0.03	0	0	0	100	0.00	0.0	4.797	0.000	0	0	1	1
433829	PL.20957	A	Consumer	14.87Y	123.9	0.00	2.10	0.69	0	9	5	87	0.00	0.0	4.727	0.000	9	5	1	1
433818	PL.20957	A	Consumer	14.87Y	123.9	0.00	2.10	0.54	0	7	4	87	0.00	0.0	4.727	0.000	7	4	1	1
PL.13736	PL.12580	A	4ACSR	14.87Y	123.9	0.04	2.08	20.83	18	274	146	88	0.09	0.0	4.152	0.088	0	0	0	43
PD.318-A	PL.13736	A	Closed	14.87Y	123.9	0.00	2.08	20.83	0	273	146	88	0.00	0.0	4.152	0.000	0	0	0	43
PD.318-B	PD.318-A	A	Closed	14.87Y	123.9	0.00	2.08	20.83	0	273	146	88	0.00	0.0	4.152	0.000	0	0	0	43
PL.13735	PD.318-B	A	4ACSR	14.87Y	123.9	0.01	2.09	20.83	18	273	146	88	0.01	0.0	4.165	0.013	0	0	0	43
PL.6495	PL.13735	A	4ACSR	14.87Y	123.9	0.00	2.09	2.17	2	29	15	89	0.00	0.0	4.210	0.045	0	0	0	5
432802	PL.6495	A	Consumer	14.87Y	123.9	0.00	2.09	0.70	0	9	5	87	0.00	0.0	4.210	0.000	9	5	1	1
PL.13733	PL.6495	A	4ACSR	14.87Y	123.9	0.00	2.09	1.48	1	19	10	88	0.00	0.0	4.217	0.007	0	0	0	4
PD.1361	PL.13733	A	fuse6AMP	14.87Y	123.9	0.00	2.09	1.48	25	19	10	88	0.00	0.0	4.217	0.000	0	0	0	4
PL.13734	PD.1361	A	4ACSR	14.87Y	123.9	0.00	2.09	1.48	1	19	10	88	0.00	0.0	4.291	0.074	0	0	0	4
PL.2412	PL.13734	A	4ACSR	14.87Y	123.9	0.00	2.09	0.94	1	12	7	86	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\SUMMER\PROPOSED SUMMER 06-10 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
432813	PL.2412	A	Consumer	14.87Y	123.9	0.00	2.09	0.94	0	12	7	86	0.00	0.0	4.334	0.000	12	7	1	1
PL.12582	PL.13734	A	4ACSR	14.87Y	123.9	0.00	2.09	0.53	0	7	4	87	0.00	0.0	4.454	0.163	0	0	0	3
PL.6494	PL.12582	A	4ACSR	14.87Y	123.9	0.00	2.09	0.43	0	6	3	89	0.00	0.0	4.617	0.163	0	0	0	2
PL.13384	PL.6494	A	4ACSR	14.87Y	123.9	0.00	2.09	0.43	0	6	3	89	0.00	0.0	4.645	0.028	0	0	0	2
PL.13385	PL.13384	A	4ACSR	14.87Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	4.800	0.155	0	0	0	0
PL.13386	PL.13385	A	4ACSR	14.87Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	5.222	0.421	0	0	0	0
PL.2406	PL.13385	A	4ACSR	14.87Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	4.963	0.163	0	0	0	0
PL.2405	PL.13384	A	4ACSR	14.87Y	123.9	0.00	2.09	0.43	0	6	3	89	0.00	0.0	4.686	0.041	0	0	0	2
432705	PL.2405	A	Consumer	14.87Y	123.9	0.00	2.09	0.05	0	1	0	100	0.00	0.0	4.686	0.000	1	0	1	1
432702	PL.2405	A	Consumer	14.87Y	123.9	0.00	2.09	0.39	0	5	3	86	0.00	0.0	4.686	0.000	5	3	1	1
432801	PL.12582	A	Consumer	14.87Y	123.9	0.00	2.09	0.10	0	1	1	71	0.00	0.0	4.454	0.000	1	1	1	1
PL.6499	PL.13735	A	4ACSR	14.85Y	123.7	0.20	2.29	18.59	16	244	130	88	0.39	0.2	4.634	0.469	0	0	0	37
432812	PL.6499	A	Consumer	14.85Y	123.7	0.00	2.29	0.10	0	1	1	71	0.00	0.0	4.634	0.000	1	1	1	1
PL.21449	PL.6499	A	4ACSR	14.84Y	123.6	0.08	2.37	18.49	16	242	129	88	0.15	0.1	4.823	0.188	0	0	0	36
PL.21450	PL.21449	A	4ACSR	14.83Y	123.5	0.09	2.46	17.95	15	235	125	88	0.16	0.1	5.036	0.213	0	0	0	35
PL.13697	PL.21450	A	4ACSR	14.82Y	123.5	0.03	2.49	17.09	14	224	119	88	0.05	0.0	5.115	0.078	0	0	0	33
PL.24896	PL.13697	A	4ACSR	14.82Y	123.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	5.160	0.045	0	0	0	0
432918	PL.24896	A	Consumer	14.82Y	123.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	5.160	0.000	0	0	0	0
PL.13696	PL.13697	A	4ACSR	14.82Y	123.5	0.00	2.49	17.09	14	224	119	88	0.00	0.0	5.116	0.002	0	0	0	33
PL.6504	PL.13696	A	4ACSR	14.82Y	123.5	0.04	2.53	16.11	14	211	112	88	0.07	0.0	5.232	0.116	0	0	0	32
432910	PL.6504	A	Consumer	14.82Y	123.5	0.00	2.53	0.63	0	8	4	89	0.00	0.0	5.232	0.000	8	4	1	1
PL.13698	PL.6504	A	4ACSR	14.81Y	123.4	0.03	2.57	15.48	13	202	108	88	0.05	0.0	5.323	0.091	0	0	0	31
PL.24895	PL.13698	A	4ACSR	14.81Y	123.4	0.00	2.57	1.29	1	17	9	88	0.00	0.0	5.386	0.063	0	0	0	3
PL.20954	PL.24895	A	4ACSR	14.81Y	123.4	0.00	2.57	0.71	1	9	5	87	0.00	0.0	5.410	0.024	0	0	0	2
4329041	PL.20954	A	Consumer	14.81Y	123.4	0.00	2.57	0.05	0	1	0	100	0.00	0.0	5.410	0.000	1	0	1	1
432937	PL.20954	A	Consumer	14.81Y	123.4	0.00	2.57	0.65	0	9	5	87	0.00	0.0	5.410	0.000	9	5	1	1
432924	PL.24895	A	Consumer	14.81Y	123.4	0.00	2.57	0.58	0	8	4	89	0.00	0.0	5.386	0.000	8	4	1	1
PL.13699	PL.13698	A	4ACSR	14.81Y	123.4	0.03	2.60	14.19	12	185	99	88	0.05	0.0	5.418	0.095	0	0	0	28
PL.13700	PL.13699	A	4ACSR	14.81Y	123.4	0.00	2.60	2.06	2	27	14	89	0.00	0.0	5.511	0.093	0	0	0	6
PL.21451	PL.13700	A	4ACSR	14.81Y	123.4	0.00	2.60	0.68	1	9	5	87	0.00	0.0	5.524	0.013	0	0	0	1
PD.1368	PL.21451	A	fuse6AMP	14.81Y	123.4	0.00	2.60	0.68	12	9	5	87	0.00	0.0	5.524	0.000	0	0	0	1
PL.21452	PD.1368	A	4ACSR	14.81Y	123.4	0.00	2.60	0.68	1	9	5	87	0.00	0.0	5.558	0.034	0	0	0	1
432933	PL.21452	A	Consumer	14.81Y	123.4	0.00	2.60	0.68	0	9	5	87	0.00	0.0	5.558	0.000	9	5	1	1
PL.13701	PL.13700	A	4ACSR	14.81Y	123.4	0.01	2.61	1.01	1	13	7	88	0.00	0.0	5.858	0.347	0	0	0	2
PL.13792	PL.13701	A	4ACSR	14.81Y	123.4	0.00	2.61	1.01	1	13	7	88	0.00	0.0	6.037	0.179	0	0	0	1
432932	PL.13792	A	Consumer	14.81Y	123.4	0.00	2.61	1.01	0	13	7	88	0.00	0.0	6.037	0.000	13	7	1	1
PL.13793	PL.13792	A	4ACSR	14.81Y	123.4	0.00	2.61	0.00	0	0	0	100	0.00	0.0	6.038	0.001	0	0	0	0
432927	PL.13701	A	Consumer	14.81Y	123.4	0.00	2.61	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\SUMMER\PROPOSED SUMMER 06-10 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
432935	PL.13700	A	Consumer	14.81Y	123.4	0.00	2.60	0.00	0	0	0	100	0.00	0.0	5.511	0.000	0	0	1	1
432904	PL.13700	A	Consumer	14.81Y	123.4	0.00	2.60	0.37	0	5	3	86	0.00	0.0	5.511	0.000	5	3	1	1
432922	PL.13700	A	Consumer	14.81Y	123.4	0.00	2.60	0.00	0	0	0	100	0.00	0.0	5.511	0.000	0	0	1	1
PL.23653	PL.13699	A	4ACSR	14.81Y	123.4	0.02	2.62	12.13	10	159	84	88	0.03	0.0	5.504	0.086	0	0	0	22
PL.21453	PL.23653	A	4ACSR	14.80Y	123.3	0.06	2.68	11.46	10	150	80	88	0.07	0.0	5.734	0.230	0	0	0	20
PL.23151	PL.21453	A	4ACSR	14.80Y	123.3	0.00	2.68	0.81	1	11	6	88	0.00	0.0	5.793	0.059	0	0	0	3
PL.23152	PL.23151	A	4ACSR	14.80Y	123.3	0.00	2.68	0.60	1	8	4	89	0.00	0.0	5.843	0.050	0	0	0	2
4329040	PL.23152	A	Consumer	14.80Y	123.3	0.00	2.68	0.32	0	4	2	89	0.00	0.0	5.843	0.000	4	2	1	1
432929	PL.23152	A	Consumer	14.80Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	5.843	0.000	0	0	0	0
432930	PL.23152	A	Consumer	14.80Y	123.3	0.00	2.68	0.28	0	4	2	89	0.00	0.0	5.843	0.000	4	2	1	1
432931	PL.23151	A	Consumer	14.80Y	123.3	0.00	2.68	0.21	0	3	1	95	0.00	0.0	5.793	0.000	3	1	1	1
432903	PL.21453	A	Consumer	14.80Y	123.3	0.00	2.68	1.48	0	19	10	88	0.00	0.0	5.734	0.000	19	10	1	1
PL.21454	PL.21453	A	4ACSR	14.80Y	123.3	0.02	2.70	9.17	8	120	64	88	0.02	0.0	5.838	0.104	0	0	0	16
PL.2415	PL.21454	A	4ACSR	14.80Y	123.3	0.00	2.71	0.75	1	10	5	89	0.00	0.0	5.890	0.052	0	0	0	2
432938	PL.2415	A	Consumer	14.80Y	123.3	0.00	2.71	0.39	0	5	3	86	0.00	0.0	5.890	0.000	5	3	1	1
432934	PL.2415	A	Consumer	14.80Y	123.3	0.00	2.71	0.36	0	5	3	86	0.00	0.0	5.890	0.000	5	3	1	1
PL.13703	PL.21454	A	4ACSR	14.79Y	123.3	0.02	2.72	8.42	7	110	59	88	0.01	0.0	5.923	0.086	0	0	0	14
PL.13702	PL.13703	A	4ACSR	14.79Y	123.3	0.00	2.73	7.18	6	94	50	88	0.00	0.0	5.952	0.029	0	0	0	12
PL.13668	PL.13702	A	4ACSR	14.79Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	6.095	0.143	0	0	0	0
PD.317-A	PL.13668	A	Open	14.79Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	6.095	0.000	0	0	0	0
PL.13704	PL.13702	A	4ACSR	14.79Y	123.3	0.00	2.73	7.18	6	94	50	88	0.00	0.0	5.969	0.016	0	0	0	11
C PD.1360	PL.13704	A	fuse6AMP	14.79Y	123.3	0.00	2.73	7.18	123	94	50	88	0.00	0.0	5.969	0.000	0	0	0	11 C
PL.13705	PD.1360	A	4ACSR	14.79Y	123.2	0.06	2.79	7.18	6	94	50	88	0.04	0.0	6.308	0.340	0	0	0	11
PL.24890	PL.13705	A	4ACSR	14.78Y	123.2	0.02	2.80	2.75	2	36	19	88	0.00	0.0	6.572	0.263	0	0	0	4
431911	PL.24890	A	Consumer	14.78Y	123.2	0.00	2.80	0.00	0	0	0	100	0.00	0.0	6.572	0.000	0	0	0	0
431903	PL.24890	A	Consumer	14.78Y	123.2	0.00	2.80	0.76	0	10	5	89	0.00	0.0	6.572	0.000	10	5	1	1
PL.24886	PL.24890	A	4ACSR	14.78Y	123.2	0.01	2.81	2.00	2	26	14	88	0.00	0.0	6.745	0.173	0	0	0	3
PL.24889	PL.24886	A	4ACSR	14.78Y	123.2	0.00	2.81	1.28	1	17	9	88	0.00	0.0	6.792	0.048	0	0	0	1
PL.24887	PL.24889	A	4ACSR	14.78Y	123.2	0.00	2.81	1.28	1	17	9	88	0.00	0.0	6.846	0.054	0	0	0	1
432920	PL.24887	A	Consumer	14.78Y	123.2	0.00	2.81	1.28	0	17	9	88	0.00	0.0	6.846	0.000	17	9	1	1
PL.24888	PL.24886	A	4ACSR	14.78Y	123.2	0.00	2.81	0.71	1	9	5	87	0.00	0.0	6.788	0.044	0	0	0	2
432925	PL.24888	A	Consumer	14.78Y	123.2	0.00	2.81	0.03	0	0	0	100	0.00	0.0	6.788	0.000	0	0	1	1
432921	PL.24888	A	Consumer	14.78Y	123.2	0.00	2.81	0.68	0	9	5	87	0.00	0.0	6.788	0.000	9	5	1	1
PL.13706	PL.13705	A	4ACSR	14.78Y	123.2	0.03	2.81	4.42	4	58	31	88	0.01	0.0	6.596	0.287	0	0	0	7
PL.18179	PL.13706	A	4ACSR	14.78Y	123.2	0.00	2.82	3.22	3	42	22	89	0.00	0.0	6.611	0.016	0	0	0	4
PD.1370	PL.18179	A	fuse6AMP	14.78Y	123.2	0.00	2.82	3.22	55	42	22	89	0.00	0.0	6.611	0.000	0	0	0	4
PL.21045	PD.1370	A	4ACSR	14.78Y	123.2	0.00	2.82	3.22	3	42	22	89	0.00	0.0	6.649	0.038	0	0	0	4
PL.20801	PL.21045	A	4ACSR	14.78Y	123.2	0.00	2.82	3.22	3	42	22	89	0.00	0.0	6.669	0.020	0	0	0	4

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.23149	PL.20801	A	4ACSR	14.78Y	123.2	0.00	2.82	2.51	2	33	17	89	0.00	0.0	6.686	0.016	0	0	0	3
PL.24891	PL.23149	A	4ACSR	14.78Y	123.2	0.00	2.83	2.51	2	33	17	89	0.00	0.0	6.750	0.064	0	0	0	3
PL.21430	PL.24891	A	4ACSR	14.78Y	123.2	0.00	2.83	0.15	0	2	1	89	0.00	0.0	6.823	0.073	0	0	0	1
PL.21431	PL.21430	A	4ACSR	14.78Y	123.2	0.00	2.83	0.15	0	2	1	89	0.00	0.0	6.898	0.076	0	0	0	1
431909	PL.21431	A	Consumer	14.78Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	6.898	0.000	0	0	0	0
PL.21432	PL.21431	A	4ACSR	14.78Y	123.2	0.00	2.83	0.15	0	2	1	89	0.00	0.0	6.939	0.040	0	0	0	1
431914	PL.21432	A	Consumer	14.78Y	123.2	0.00	2.83	0.15	0	2	1	89	0.00	0.0	6.939	0.000	2	1	1	1
PL.20956	PL.21430	A	4ACSR	14.78Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	6.874	0.051	0	0	0	0
431912	PL.20956	A	Consumer	14.78Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	6.874	0.000	0	0	0	0
PL.39346	PL.24891	A	2ACSR	14.78Y	123.2	0.00	2.83	2.36	2	31	16	89	0.00	0.0	6.770	0.020	0	0	0	2
431907	PL.39346	A	Consumer	14.78Y	123.2	0.00	2.83	1.50	0	20	10	89	0.00	0.0	6.770	0.000	20	10	1	1
431910	PL.39346	A	Consumer	14.78Y	123.2	0.00	2.83	0.86	0	11	6	88	0.00	0.0	6.770	0.000	11	6	1	1
431908	PL.20801	A	Consumer	14.78Y	123.2	0.00	2.82	0.71	0	9	5	87	0.00	0.0	6.669	0.000	9	5	1	1
PL.40855	PL.13706	A	4ACSR	14.78Y	123.2	0.00	2.82	1.20	1	16	8	89	0.00	0.0	6.599	0.003	0	0	0	3
PD.1369	PL.40855	A	fuse6AMP	14.78Y	123.2	0.00	2.82	1.20	20	16	8	89	0.00	0.0	6.599	0.000	0	0	0	3
PL.40858	PD.1369	A	4ACSR	14.78Y	123.2	0.00	2.82	1.20	1	16	8	89	0.00	0.0	6.605	0.005	0	0	0	3
PL.40857	PL.40858	A	2ACSR	14.78Y	123.2	0.00	2.82	0.80	1	10	6	86	0.00	0.0	6.654	0.049	0	0	0	1
4319015	PL.40857	A	Consumer	14.78Y	123.2	0.00	2.82	0.80	0	10	6	86	0.00	0.0	6.654	0.000	10	6	1	1
PL.40859	PL.40858	A	4ACSR	14.78Y	123.2	0.00	2.82	0.40	0	5	3	86	0.00	0.0	6.614	0.009	0	0	0	2
PL.13249	PL.40859	A	4ACSR	14.78Y	123.2	0.00	2.82	0.40	0	5	3	86	0.00	0.0	6.867	0.253	0	0	0	2
PL.6503	PL.13249	A	4ACSR	14.78Y	123.2	0.00	2.82	0.00	0	0	0	100	0.00	0.0	7.077	0.210	0	0	0	1
431905	PL.6503	A	Consumer	14.78Y	123.2	0.00	2.82	0.00	0	0	0	100	0.00	0.0	7.077	0.000	0	0	1	1
431901	PL.13249	A	Consumer	14.78Y	123.2	0.00	2.82	0.40	0	5	3	86	0.00	0.0	6.867	0.000	5	3	1	1
432911	PL.13702	A	Consumer	14.79Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	5.952	0.000	0	0	1	1
PL.2417	PL.13703	A	4ACSR	14.79Y	123.3	0.00	2.72	1.24	1	16	9	87	0.00	0.0	5.967	0.044	0	0	0	2
432912	PL.2417	A	Consumer	14.79Y	123.3	0.00	2.72	0.82	0	11	6	88	0.00	0.0	5.967	0.000	11	6	1	1
432926	PL.2417	A	Consumer	14.79Y	123.3	0.00	2.72	0.42	0	5	3	86	0.00	0.0	5.967	0.000	5	3	1	1
PL.6500	PL.23653	A	4ACSR	14.81Y	123.4	0.00	2.62	0.67	1	9	5	87	0.00	0.0	5.685	0.181	0	0	0	2
PL.6501	PL.6500	A	4ACSR	14.81Y	123.4	0.00	2.62	0.00	0	0	0	100	0.00	0.0	5.752	0.067	0	0	0	1
PL.2414	PL.6501	A	4ACSR	14.81Y	123.4	0.00	2.62	0.00	0	0	0	100	0.00	0.0	5.808	0.056	0	0	0	1
432913	PL.2414	A	Consumer	14.81Y	123.4	0.00	2.62	0.00	0	0	0	100	0.00	0.0	5.808	0.000	0	0	1	1
432907	PL.6500	A	Consumer	14.81Y	123.4	0.00	2.62	0.67	0	9	5	87	0.00	0.0	5.685	0.000	9	5	1	1
432928	PL.13696	A	Consumer	14.82Y	123.5	0.00	2.49	0.97	0	13	7	88	0.00	0.0	5.116	0.000	13	7	1	1
PL.2416	PL.21450	A	4ACSR	14.82Y	123.5	0.00	2.46	0.86	1	11	6	88	0.00	0.0	5.161	0.125	0	0	0	2
432939	PL.2416	A	Consumer	14.82Y	123.5	0.00	2.46	0.86	0	11	6	88	0.00	0.0	5.161	0.000	11	6	1	1
4329042	PL.2416	A	Consumer	14.82Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	5.161	0.000	0	0	1	1
PL.20952	PL.21449	A	4ACSR	14.84Y	123.6	0.00	2.37	0.54	0	7	4	87	0.00	0.0	4.867	0.045	0	0	0	1
432809	PL.20952	A	Consumer	14.84Y	123.6	0.00	2.37	0.54	0	7	4	87	0.00	0.0	4.867	0.000	7	4	1	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
432814	PL.13735	A	Consumer	14.87Y	123.9	0.00	2.09	0.07	0	1	1	71	0.00	0.0	4.165	0.000	1	1	1	1
PL.43230	PL.12576	A	2ACSR	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	3.819	0.103	0	0	0	0
4328022	PL.43230	A	Consumer	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	3.819	0.000	0	0	0	0
433831	PL.12576	A	Consumer	14.90Y	124.2	0.00	1.82	0.76	0	10	5	89	0.00	0.0	3.716	0.000	10	5	1	1
433808	PL.12576	A	Consumer	14.90Y	124.2	0.00	1.82	0.13	0	2	1	89	0.00	0.0	3.716	0.000	2	1	1	1
PL.13333	PL.24696	A	4ACSR	14.91Y	124.2	0.01	1.76	8.55	7	113	60	88	0.01	0.0	3.667	0.048	0	0	0	13
433830	PL.13333	A	Consumer	14.91Y	124.2	0.00	1.76	1.07	0	14	8	87	0.00	0.0	3.667	0.000	14	8	1	1
PL.13334	PL.13333	A	4ACSR	14.91Y	124.2	0.00	1.76	7.48	6	98	52	88	0.00	0.0	3.671	0.005	0	0	0	12
PL.13335	PL.13334	A	4ACSR	14.91Y	124.2	0.00	1.76	7.48	6	98	52	88	0.00	0.0	3.674	0.003	0	0	0	12
C PD.1371	PL.13335	A	fuse6AMP	14.91Y	124.2	0.00	1.76	7.48	128	98	52	88	0.00	0.0	3.674	0.000	0	0	0	12 C
PL.21046	PD.1371	A	4ACSR	14.91Y	124.2	0.01	1.77	7.48	6	98	52	88	0.01	0.0	3.727	0.053	0	0	0	12
PL.21047	PL.21046	A	4ACSR	14.91Y	124.2	0.01	1.78	7.01	6	92	49	88	0.01	0.0	3.798	0.071	0	0	0	11
PL.1608	PL.21047	A	4ACSR	14.91Y	124.2	0.00	1.78	0.29	0	4	2	89	0.00	0.0	3.862	0.065	0	0	0	1
433821	PL.1608	A	Consumer	14.91Y	124.2	0.00	1.78	0.29	0	4	2	89	0.00	0.0	3.862	0.000	4	2	1	1
PL.13336	PL.21047	A	4ACSR	14.91Y	124.2	0.01	1.79	6.13	5	81	43	88	0.01	0.0	3.881	0.083	0	0	0	9
433809	PL.13336	A	Consumer	14.91Y	124.2	0.00	1.79	0.00	0	0	0	100	0.00	0.0	3.881	0.000	0	0	0	0
433802	PL.13336	A	Consumer	14.91Y	124.2	0.00	1.79	0.00	0	0	0	100	0.00	0.0	3.881	0.000	0	0	0	0
PL.12571	PL.13336	A	4ACSR	14.90Y	124.2	0.05	1.84	6.13	5	81	43	88	0.03	0.0	4.231	0.351	0	0	0	9
PL.12572	PL.12571	A	4ACSR	14.90Y	124.1	0.02	1.86	4.54	4	60	32	88	0.01	0.0	4.431	0.199	0	0	0	7
PL.12573	PL.12572	A	4ACSR	14.90Y	124.1	0.01	1.87	4.18	4	55	29	88	0.00	0.0	4.499	0.069	0	0	0	5
PL.24704	PL.12573	A	4ACSR	14.89Y	124.1	0.01	1.88	2.41	2	32	17	88	0.00	0.0	4.639	0.139	0	0	0	3
433806	PL.24704	A	Consumer	14.89Y	124.1	0.00	1.88	0.70	0	9	5	87	0.00	0.0	4.639	0.000	9	5	1	1
PL.12578	PL.24704	A	4ACSR	14.89Y	124.1	0.00	1.88	1.71	1	23	12	89	0.00	0.0	4.710	0.071	0	0	0	2
PL.12579	PL.12578	A	4ACSR	14.89Y	124.1	0.00	1.88	0.89	1	12	6	89	0.00	0.0	4.910	0.200	0	0	0	1
433807	PL.12579	A	Consumer	14.89Y	124.1	0.00	1.88	0.89	0	12	6	89	0.00	0.0	4.910	0.000	12	6	1	1
PL.1610	PL.12578	A	4ACSR	14.89Y	124.1	0.00	1.88	0.83	1	11	6	88	0.00	0.0	4.783	0.073	0	0	0	1
433828	PL.1610	A	Consumer	14.89Y	124.1	0.00	1.88	0.83	0	11	6	88	0.00	0.0	4.783	0.000	11	6	1	1
PL.45668	PL.1610	A	2ACSR	14.89Y	124.1	0.00	1.88	0.00	0	0	0	100	0.00	0.0	4.990	0.207	0	0	0	0
4338033	PL.45668	A	Consumer	14.89Y	124.1	0.00	1.88	0.00	0	0	0	100	0.00	0.0	4.990	0.000	0	0	0	0
433814	PL.12573	A	Consumer	14.90Y	124.1	0.00	1.87	0.01	0	0	0	100	0.00	0.0	4.499	0.000	0	0	1	1
433816	PL.12573	A	Consumer	14.90Y	124.1	0.00	1.87	1.76	0	23	12	89	0.00	0.0	4.499	0.000	23	12	1	1
PL.1607	PL.12572	A	4ACSR	14.90Y	124.1	0.00	1.86	0.36	0	5	2	93	0.00	0.0	4.484	0.053	0	0	0	2
433822	PL.1607	A	Consumer	14.90Y	124.1	0.00	1.86	0.09	0	1	1	71	0.00	0.0	4.484	0.000	1	1	1	1
433805	PL.1607	A	Consumer	14.90Y	124.1	0.00	1.86	0.26	0	3	2	83	0.00	0.0	4.484	0.000	3	2	1	1
433825	PL.12571	A	Consumer	14.90Y	124.2	0.00	1.84	0.87	0	11	6	88	0.00	0.0	4.231	0.000	11	6	1	1
PL.1606	PL.12571	A	4ACSR	14.90Y	124.2	0.00	1.84	0.72	1	9	5	87	0.00	0.0	4.325	0.094	0	0	0	1
433803	PL.1606	A	Consumer	14.90Y	124.2	0.00	1.84	0.72	0	9	5	87	0.00	0.0	4.325	0.000	9	5	1	1
PL.37632	PL.21047	A	2ACSR	14.91Y	124.2	0.00	1.78	0.59	0	8	4	89	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\SUMMER\PROPOSED SUMMER 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 4338032, 433817, etc.

----- Feeder No. 4 (HINKSTON4) Beginning with Device PD.8108 -----

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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	6.29	0	90	32	94	0.00	0.0	0.071	0.000	0	0	0	3		
		B		15.12Y	126.0	0.00	0.00	6.29	0	90	32	94					0	0	0	2		
		C		15.12Y	126.0	0.00	0.00	6.29	0	90	32	94					0	0	0	2		
PD.2742-B	PD.2742-A	A	Closed	15.12Y	126.0	0.00	0.00	6.29	0	90	32	94	0.00	0.0	0.071	0.000	0	0	0	3		
		B		15.12Y	126.0	0.00	0.00	6.29	0	90	32	94					0	0	0	2		
		C		15.12Y	126.0	0.00	0.00	6.29	0	90	32	94					0	0	0	2		
PL.21880	PD.2742-B	A	1/0ACSR	15.12Y	126.0	0.00	0.01	6.29	3	90	32	94	0.00	0.0	0.110	0.039	0	0	0	3		
		B		15.12Y	126.0	0.00	0.01	6.29	3	90	32	94					0	0	0	2		
		C		15.12Y	126.0	0.00	0.01	6.29	3	90	32	94					0	0	0	2		
PL.20771	PL.21880	A	1/0ACSR	15.12Y	126.0	0.00	0.01	5.47	3	79	26	95	0.00	0.0	0.154	0.044	0	0	0	2		
		B		15.12Y	126.0	0.00	0.01	5.47	3	79	26	95					0	0	0	1		
		C		15.12Y	126.0	0.00	0.01	5.47	3	79	26	95					0	0	0	1		
PL.20772	PL.20771	A	1/0ACSR	15.12Y	126.0	0.00	0.01	5.14	3	74	24	95	0.00	0.0	0.195	0.041	0	0	0	2		
		B		15.12Y	126.0	0.00	0.01	5.14	3	74	24	95					0	0	0	1		
		C		15.12Y	126.0	0.00	0.01	5.14	3	74	24	95					0	0	0	1		
PL.28393	PL.20772	A	1/0ACSR	15.12Y	126.0	0.00	0.01	0.31	0	4	2	89	0.00	0.0	0.248	0.053	0	0	0	1		
		B		15.12Y	126.0	0.00	0.01	0.31	0	4	2	90					0	0	0	0		
		C		15.12Y	126.0	0.00	0.01	0.31	0	4	2	90					0	0	0	0		
433517	PL.28393	A	Consumer	15.12Y	126.0	0.00	0.01	0.31	0	4	2	89	0.00	0.0	0.248	0.000	4	2	0	0		
		B		15.12Y	126.0	0.00	0.01	0.31	0	4	2	90					4	2	0	0		
		C		15.12Y	126.0	0.00	0.01	0.31	0	4	2	90					4	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	4.84	2	70	22	95	0.00	0.0	0.229	0.034	0	0	0	0		
		B		15.12Y	126.0	0.00	0.01	4.84	2	70	22	95					0	0	0	0		
		C		15.12Y	126.0	0.00	0.01	4.84	2	70	22	95					0	0	0	0		
433516	PL.2263	A	Consumer	15.12Y	126.0	0.00	0.01	4.84	0	70	22	95	0.00	0.0	0.229	0.000	70	22	0	0		
		B		15.12Y	126.0	0.00	0.01	4.84	0	70	22	95					70	22	0	0		
		C		15.12Y	126.0	0.00	0.01	4.84	0	70	22	95					70	22	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	0.34	0	5	2	93	0.00	0.0	0.154	0.000	5	2	0	0		
		B		15.12Y	126.0	0.00	0.01	0.34	0	5	2	90					5	2	0	0		
		C		15.12Y	126.0	0.00	0.01	0.34	0	5	2	90					5	2	0	0		
PL.28298	PL.21880	A	1/0ACSR	15.12Y	126.0	0.00	0.01	0.82	0	11	5	91	0.00	0.0	0.180	0.070	0	0	0	1		
		B		15.12Y	126.0	0.00	0.01	0.82	0	11	5	90					0	0	0	1		
		C		15.12Y	126.0	0.00	0.01	0.82	0	11	5	90					0	0	0	1		
PL.28299	PL.28298	A	1/0ACSR	15.12Y	126.0	0.00	0.01	0.82	0	11	5	91	0.00	0.0	0.220	0.040	0	0	0	1		
		B		15.12Y	126.0	0.00	0.01	0.82	0	11	5	90					0	0	0	1		
		C		15.12Y	126.0	0.00	0.01	0.82	0	11	5	90					0	0	0	1		
433583	PL.28299	A	Consumer	15.12Y	126.0	0.00	0.01	0.56	0	8	4	89	0.00	0.0	0.220	0.000	8	4	0	0		
		B		15.12Y	126.0	0.00	0.01	0.56	0	8	4	90					8	4	0	0		
		C		15.12Y	126.0	0.00	0.01	0.56	0	8	4	90					8	4	0	0		
433599	PL.28299	A	Consumer	15.12Y	126.0	0.00	0.01	0.27	0	4	2	89	0.00	0.0	0.220	0.000	4	2	0	0		
		B		15.12Y	126.0	0.00	0.01	0.27	0	4	2	90					4	2	0	0		
		C		15.12Y	126.0	0.00	0.01	0.27	0	4	2	90					4	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	4598	0	0	0	0	0	39	0.00		4637
KVAR	2230	0	0	-26	0	0	40			2244
	Lowest Voltage			Highest Accumulated Voltage Drop			Highest Element Voltage Drop			

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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\SUMMER\PROPOSED SUMMER 06-10 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.26929	PL.26928	A	336ACSR	15.12Y	126.0	0.00	0.03	60.37	14	861	303	94	0.66	0.0	0.519	0.078	0	0	0	191
		B		15.09Y	125.7	0.04	0.28	95.86	22	1362	488	94					0	0	0	288
		C		15.09Y	125.7	0.04	0.28	127.67	29	1809	663	94					0	0	0	384
PL.11481	PL.26929	A	336ACSR	15.12Y	126.0	0.00	0.03	60.37	14	861	302	94	0.00	0.0	0.519	0.000	0	0	0	191
		B		15.09Y	125.7	0.00	0.28	95.86	22	1361	488	94					0	0	0	288
		C		15.09Y	125.7	0.00	0.28	127.42	29	1805	661	94					0	0	0	383
PL.11482	PL.11481	A	336ACSR	15.12Y	126.0	0.01	0.03	60.37	14	861	302	94	0.92	0.0	0.631	0.112	0	0	0	191
		B		15.08Y	125.7	0.06	0.34	95.86	22	1361	488	94					0	0	0	288
		C		15.08Y	125.7	0.06	0.33	126.39	29	1791	655	94					0	0	0	379
PL.3542	PL.11482	C	4ACSR	15.08Y	125.7	0.00	0.34	0.84	1	12	4	95	0.00	0.0	0.684	0.053	0	0	0	3
550306	PL.3542	C	Consumer	15.08Y	125.7	0.00	0.34	0.32	0	5	2	93	0.00	0.0	0.684	0.000	5	2	1	1
550308	PL.3542	C	Consumer	15.08Y	125.7	0.00	0.34	0.48	0	7	2	96	0.00	0.0	0.684	0.000	7	2	1	1
550309	PL.3542	C	Consumer	15.08Y	125.7	0.00	0.34	0.04	0	1	0	100	0.00	0.0	0.684	0.000	1	0	1	1
550307	PL.3542	C	Consumer	15.08Y	125.7	0.00	0.34	0.00	0	0	0	100	0.00	0.0	0.684	0.000	0	0	0	0
PL.11483	PL.11482	B	4ACSR	15.08Y	125.7	0.00	0.34	2.07	2	30	10	95	0.00	0.0	0.638	0.007	0	0	0	8
PL.20721	PL.11483	B	4ACSR	15.08Y	125.7	0.00	0.34	2.07	2	30	10	95	0.00	0.0	0.652	0.014	0	0	0	8
PD.3490	PL.20721	B	fuse6AMP	15.08Y	125.7	0.00	0.34	2.07	35	30	10	95	0.00	0.0	0.652	0.000	0	0	0	8
PL.20722	PD.3490	B	4ACSR	15.08Y	125.7	0.00	0.34	2.07	2	30	10	95	0.00	0.0	0.673	0.021	0	0	0	8
550207	PL.20722	B	Consumer	15.08Y	125.7	0.00	0.34	0.19	0	3	1	95	0.00	0.0	0.673	0.000	3	1	1	1
550206	PL.20722	B	Consumer	15.08Y	125.7	0.00	0.34	0.35	0	5	2	93	0.00	0.0	0.673	0.000	5	2	1	1
550201	PL.20722	B	Consumer	15.08Y	125.7	0.00	0.34	0.35	0	5	2	93	0.00	0.0	0.673	0.000	5	2	1	1
550202	PL.20722	B	Consumer	15.08Y	125.7	0.00	0.34	0.00	0	0	0	100	0.00	0.0	0.673	0.000	0	0	0	0
PL.7390	PL.20722	B	4ACSR	15.08Y	125.7	0.00	0.35	1.17	1	17	6	94	0.00	0.0	0.722	0.049	0	0	0	5
PL.3537	PL.7390	B	4ACSR	15.08Y	125.7	0.00	0.35	0.01	0	0	0	100	0.00	0.0	0.757	0.035	0	0	0	2
551202	PL.3537	B	Consumer	15.08Y	125.7	0.00	0.35	0.00	0	0	0	100	0.00	0.0	0.757	0.000	0	0	1	1
551101	PL.3537	B	Consumer	15.08Y	125.7	0.00	0.35	0.01	0	0	0	100	0.00	0.0	0.757	0.000	0	0	1	1
551203	PL.3537	B	Consumer	15.08Y	125.7	0.00	0.35	0.00	0	0	0	100	0.00	0.0	0.757	0.000	0	0	0	0
PL.3539	PL.7390	B	4ACSR	15.08Y	125.7	0.00	0.35	1.16	1	17	6	94	0.00	0.0	0.755	0.033	0	0	0	3
550203	PL.3539	B	Consumer	15.08Y	125.7	0.00	0.35	0.52	0	7	3	92	0.00	0.0	0.755	0.000	7	3	1	1
550205	PL.3539	B	Consumer	15.08Y	125.7	0.00	0.35	0.41	0	6	2	95	0.00	0.0	0.755	0.000	6	2	1	1
550204	PL.3539	B	Consumer	15.08Y	125.7	0.00	0.35	0.23	0	3	1	95	0.00	0.0	0.755	0.000	3	1	1	1
PL.11265	PL.11482	A	336ACSR	15.12Y	126.0	0.00	0.04	60.37	14	861	302	94	0.51	0.0	0.694	0.063	0	0	0	191
		B		15.07Y	125.6	0.03	0.38	93.78	21	1331	477	94					0	0	0	280
		C		15.08Y	125.6	0.03	0.37	125.54	28	1778	649	94					0	0	0	376
PL.11266	PL.11265	A	336ACSR	15.12Y	126.0	0.00	0.04	58.84	13	839	295	94	0.05	0.0	0.700	0.007	0	0	0	186
		B		15.07Y	125.6	0.00	0.38	93.78	21	1331	477	94					0	0	0	280
		C		15.08Y	125.6	0.00	0.37	125.54	28	1778	649	94					0	0	0	376
PL.12830	PL.11266	A	336ACSR	15.12Y	126.0	0.00	0.04	58.84	13	839	295	94	0.53	0.0	0.766	0.066	0	0	0	186
		B		15.07Y	125.6	0.04	0.41	93.78	21	1331	477	94					0	0	0	280
		C		15.07Y	125.6	0.03	0.41	125.54	28	1778	649	94					0	0	0	376
PL.12831	PL.12830	A	336ACSR	15.11Y	126.0	0.00	0.04	58.84	13	839	295	94	0.45	0.0	0.822	0.055	0	0	0	186
		B		15.07Y	125.6	0.03	0.44	93.78	21	1331	477	94					0	0	0	279
		C		15.07Y	125.6	0.03	0.43	125.54	28	1778	648	94					0	0	0	376
PL.12832	PL.12831	A	4ACSR	15.11Y	126.0	0.00	0.04	4.87	4	70	24	95	0.00	0.0	0.827	0.005	0	0	0	24
PD.2661	PL.12832	A	35V4E	15.11Y	126.0	0.00	0.04	4.87	14	70	24	95	0.00	0.0	0.827	0.000	0	0	0	24

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.12833	PD.2661	A	4ACSR	15.11Y	126.0	0.00	0.05	4.87	4	70	24	95	0.00	0.0	0.865	0.038	0	0	0	24
PL.26926	PL.12833	A	4ACSR	15.11Y	125.9	0.03	0.08	4.87	4	70	24	95	0.01	0.0	1.121	0.256	0	0	0	24
PL.26931	PL.26926	A	4ACSR	15.11Y	125.9	0.01	0.09	4.87	4	70	24	95	0.01	0.0	1.219	0.098	0	0	0	24
PL.6472	PL.26931	A	4ACSR	15.11Y	125.9	0.00	0.09	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	0.09	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	0.09	0.16	0	2	1	89	0.00	0.0	1.219	0.000	2	1	1	1
448407	PL.26931	A	Consumer	15.11Y	125.9	0.00	0.09	0.20	0	3	1	95	0.00	0.0	1.219	0.000	3	1	1	1
553102	PL.26931	A	Consumer	15.11Y	125.9	0.00	0.09	0.15	0	2	1	89	0.00	0.0	1.219	0.000	2	1	1	1
PL.6473	PL.26931	A	4ACSR	15.11Y	125.9	0.00	0.09	0.66	1	9	3	95	0.00	0.0	1.244	0.025	0	0	0	2
PL.2785	PL.6473	A	4ACSR	15.11Y	125.9	0.00	0.09	0.66	1	9	3	95	0.00	0.0	1.262	0.017	0	0	0	2
553103	PL.2785	A	Consumer	15.11Y	125.9	0.00	0.09	0.34	0	5	2	93	0.00	0.0	1.262	0.000	5	2	1	1
553104	PL.2785	A	Consumer	15.11Y	125.9	0.00	0.09	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	0.09	0.32	0	5	2	93	0.00	0.0	1.309	0.047	0	0	0	1
554102	PL.2788	A	Consumer	15.11Y	125.9	0.00	0.09	0.32	0	5	2	93	0.00	0.0	1.309	0.000	5	2	1	1
PL.26932	PL.26931	A	4ACSR	15.11Y	125.9	0.01	0.09	3.70	3	53	18	95	0.00	0.0	1.301	0.082	0	0	0	19
PL.2786	PL.26932	A	4ACSR	15.11Y	125.9	0.00	0.09	0.00	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	0.09	0.00	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	0.11	3.70	3	53	18	95	0.00	0.0	1.444	0.143	0	0	0	18
PL.14828	PL.26930	A	4ACSR	15.11Y	125.9	0.00	0.11	0.53	0	8	3	94	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	0.11	0.53	0	8	3	94	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	0.11	0.53	0	8	3	94	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	0.11	0.53	0	8	3	94	0.00	0.0	1.557	0.102	0	0	0	2
PL.26933	PL.14829	A	4ACSR	15.11Y	125.9	0.00	0.11	0.53	0	8	3	94	0.00	0.0	1.602	0.045	0	0	0	2
PL.7503	PL.26933	A	4ACSR	15.11Y	125.9	0.00	0.11	0.53	0	8	3	94	0.00	0.0	1.644	0.042	0	0	0	2
557101	PL.7503	A	Consumer	15.11Y	125.9	0.00	0.11	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	0.11	0.53	0	8	3	94	0.00	0.0	1.677	0.033	0	0	0	2
PL.7506	PL.7505	A	4ACSR	15.11Y	125.9	0.00	0.11	0.19	0	3	1	95	0.00	0.0	1.728	0.051	0	0	0	1
556102	PL.7506	A	Consumer	15.11Y	125.9	0.00	0.11	0.19	0	3	1	95	0.00	0.0	1.728	0.000	3	1	1	1
557102	PL.7505	A	Consumer	15.11Y	125.9	0.00	0.11	0.34	0	5	2	93	0.00	0.0	1.677	0.000	5	2	1	1
PL.7504	PL.7503	A	4ACSR	15.11Y	125.9	0.00	0.11	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	0.11	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	0.11	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	0.11	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	0.11	0.14	0	2	1	89	0.00	0.0	1.493	0.049	0	0	0	1
448409	PL.2787	A	Consumer	15.11Y	125.9	0.00	0.11	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	0.11	0.14	0	2	1	89	0.00	0.0	1.493	0.000	2	1	1	1
PL.26935	PL.26930	A	4ACSR	15.10Y	125.9	0.03	0.13	3.03	3	43	15	94	0.01	0.0	1.818	0.374	0	0	0	15
PL.26936	PL.26935	A	4ACSR	15.10Y	125.9	0.00	0.14	1.99	2	28	10	94	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\SUMMER\PROPOSED SUMMER 06-10 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.35135	PL.26936	A	2ACSR	15.10Y	125.9	-0.00	0.14	0.00	0	0	0	0	100	0.00	0.0	1.928	0.019	0	0	0	1
4494052	PL.35135	A	Consumer	15.10Y	125.9	0.00	0.14	0.00	0	0	0	0	100	0.00	0.0	1.928	0.000	0	0	1	1
PL.15161	PL.26936	A	4ACSR	15.10Y	125.9	0.00	0.14	1.17	1	17	6	94	0.00	0.0	1.982	0.073	0	0	0	9	
PL.15162	PL.15161	A	4ACSR	15.10Y	125.9	0.00	0.14	1.03	1	15	5	95	0.00	0.0	2.047	0.065	0	0	0	8	
PL.2783	PL.15162	A	4ACSR	15.10Y	125.9	0.00	0.14	0.02	0	0	0	100	0.00	0.0	2.161	0.114	0	0	0	1	
449450	PL.2783	A	Consumer	15.10Y	125.9	0.00	0.14	0.02	0	0	0	100	0.00	0.0	2.161	0.000	0	0	1	1	
449442	PL.2783	A	Consumer	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	2.161	0.000	0	0	0	0	
PL.15163	PL.15162	A	4ACSR	15.10Y	125.9	0.00	0.14	1.01	1	14	5	94	0.00	0.0	2.111	0.064	0	0	0	7	
PL.45946	PL.15163	A	4ACSR	15.10Y	125.9	0.00	0.14	0.47	0	7	2	96	0.00	0.0	2.125	0.014	0	0	0	3	
PD.8695	PL.45946	A	fuse6AMP	15.10Y	125.9	0.00	0.14	0.47	8	7	2	96	0.00	0.0	2.125	0.000	0	0	0	3	
PL.45947	PD.8695	A	4ACSR	15.10Y	125.9	0.00	0.14	0.47	0	7	2	96	0.00	0.0	2.229	0.104	0	0	0	3	
449419	PL.45947	A	Consumer	15.10Y	125.9	0.00	0.14	0.19	0	3	1	95	0.00	0.0	2.229	0.000	3	1	1	1	
449422	PL.45947	A	Consumer	15.10Y	125.9	0.00	0.14	0.11	0	2	1	89	0.00	0.0	2.229	0.000	2	1	1	1	
449447	PL.45947	A	Consumer	15.10Y	125.9	0.00	0.14	0.18	0	3	1	95	0.00	0.0	2.229	0.000	3	1	1	1	
PL.15164	PL.15163	A	4ACSR	15.10Y	125.9	0.00	0.14	0.54	0	8	3	94	0.00	0.0	2.149	0.038	0	0	0	4	
PL.2781	PL.15164	A	4ACSR	15.10Y	125.9	0.00	0.14	0.30	0	4	1	97	0.00	0.0	2.307	0.157	0	0	0	2	
449417	PL.2781	A	Consumer	15.10Y	125.9	0.00	0.14	0.26	0	4	1	97	0.00	0.0	2.307	0.000	4	1	1	1	
449404	PL.2781	A	Consumer	15.10Y	125.9	0.00	0.14	0.04	0	1	0	100	0.00	0.0	2.307	0.000	1	0	1	1	
PL.15165	PL.15164	A	4ACSR	15.10Y	125.9	0.00	0.14	0.24	0	3	1	95	0.00	0.0	2.295	0.146	0	0	0	2	
449429	PL.15165	A	Consumer	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	2.295	0.000	0	0	1	1	
PL.15166	PL.15165	A	4ACSR	15.10Y	125.9	0.00	0.14	0.24	0	3	1	95	0.00	0.0	2.358	0.063	0	0	0	1	
449403	PL.15166	A	Consumer	15.10Y	125.9	0.00	0.14	0.24	0	3	1	95	0.00	0.0	2.358	0.000	3	1	1	1	
449412	PL.15161	A	Consumer	15.10Y	125.9	0.00	0.14	0.14	0	2	1	89	0.00	0.0	1.982	0.000	2	1	1	1	
449431	PL.26936	A	Consumer	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	1.909	0.000	0	0	0	0	
449402	PL.26936	A	Consumer	15.10Y	125.9	0.00	0.14	0.23	0	3	1	95	0.00	0.0	1.909	0.000	3	1	1	1	
449401	PL.26936	A	Consumer	15.10Y	125.9	0.00	0.14	0.58	0	8	3	94	0.00	0.0	1.909	0.000	8	3	1	1	
PL.15168	PL.26936	A	4ACSR	15.10Y	125.9	0.00	0.13	1.04	1	15	5	95	0.00	0.0	1.984	0.166	0	0	0	3	
449440	PL.15168	A	Consumer	15.10Y	125.9	0.00	0.13	0.46	0	7	2	96	0.00	0.0	1.984	0.000	7	2	1	1	
PL.15169	PL.15168	A	4ACSR	15.10Y	125.9	0.00	0.14	0.58	0	8	3	94	0.00	0.0	1.988	0.004	0	0	0	2	
PL.2765	PL.15169	A	4ACSR	15.10Y	125.9	0.00	0.14	0.58	0	8	3	94	0.00	0.0	2.025	0.037	0	0	0	2	
PL.24054	PL.2765	A	4ACSR	15.10Y	125.9	0.00	0.14	0.58	0	8	3	94	0.00	0.0	2.070	0.045	0	0	0	2	
449305	PL.24054	A	Consumer	15.10Y	125.9	0.00	0.14	0.12	0	2	1	89	0.00	0.0	2.070	0.000	2	1	1	1	
449309	PL.24054	A	Consumer	15.10Y	125.9	0.00	0.14	0.46	0	7	2	96	0.00	0.0	2.070	0.000	7	2	1	1	
PL.13155	PL.12831	A	336ACSR	15.11Y	126.0	0.00	0.05	53.96	12	769	271	94	1.76	0.0	1.043	0.222	0	0	0	162	
		B		15.05Y	125.4	0.12	0.56	93.30	21	1323	474	94					0	0	0	277	
		C		15.05Y	125.5	0.11	0.55	125.54	28	1778	647	94					0	0	0	376	
PL.13324	PL.13155	B	4ACSR	15.05Y	125.4	0.00	0.56	0.19	0	3	1	95	0.00	0.0	1.052	0.009	0	0	0	2	
PD.1505	PL.13324	B	fuse6AMP	15.05Y	125.4	0.00	0.56	0.19	3	3	1	95	0.00	0.0	1.052	0.000	0	0	0	2	
PL.26273	PD.1505	B	4ACSR	15.05Y	125.4	0.00	0.57	0.19	0	3	1	95	0.00	0.0	1.093	0.041	0	0	0	2	

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
447403	PL.26273	B	Consumer	15.05Y	125.4	0.00	0.57	0.11	0	2	1	89	0.00	0.0	1.093	0.000	2	1	1	1
447425	PL.26273	B	Consumer	15.05Y	125.4	0.00	0.57	0.08	0	1	0	100	0.00	0.0	1.093	0.000	1	0	1	1
PL.13156	PL.13155	A	336ACSR	15.11Y	126.0	0.00	0.05	53.96	12	770	270	94	0.84	0.0	1.150	0.106	0	0	0	162
		B		15.05Y	125.4	0.06	0.62	93.11	21	1320	472	94					0	0	0	275
		C		15.05Y	125.4	0.05	0.60	125.54	28	1777	644	94					0	0	0	376
PL.26274	PL.13156	A	336ACSR	15.11Y	126.0	0.00	0.05	53.96	12	770	270	94	0.17	0.0	1.171	0.022	0	0	0	162
		B		15.04Y	125.4	0.01	0.63	93.11	21	1319	471	94					0	0	0	275
		C		15.05Y	125.4	0.01	0.61	125.54	28	1776	643	94					0	0	0	376
PL.33049	PL.26274	C	4ACSR	15.05Y	125.4	0.00	0.62	0.48	0	7	2	96	0.00	0.0	1.508	0.337	0	0	0	1
PL.33050	PL.33049	C	4ACSR	15.05Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	1.513	0.005	0	0	0	0
447402	PL.33050	C	Consumer	15.05Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	1.513	0.000	0	0	0	0
PL.33048	PL.33049	C	4ACSR	15.05Y	125.4	0.00	0.62	0.48	0	7	2	96	0.00	0.0	1.774	0.266	0	0	0	1
447401	PL.33048	C	Consumer	15.05Y	125.4	0.00	0.62	0.48	0	7	2	96	0.00	0.0	1.774	0.000	7	2	1	1
PL.26275	PL.26274	A	336ACSR	15.11Y	126.0	0.00	0.05	53.96	12	770	270	94	0.96	0.0	1.293	0.122	0	0	0	162
		B		15.04Y	125.3	0.07	0.70	93.11	21	1319	471	94					0	0	0	275
		C		15.04Y	125.3	0.06	0.68	125.06	28	1770	640	94					0	0	0	375
PL.26276	PL.26275	A	336ACSR	15.11Y	125.9	0.00	0.05	53.96	12	770	270	94	0.60	0.0	1.369	0.075	0	0	0	162
		B		15.03Y	125.3	0.04	0.74	93.11	21	1319	471	94					0	0	0	275
		C		15.03Y	125.3	0.04	0.72	125.06	28	1769	638	94					0	0	0	375
PL.33077	PL.26276	A	336ACSR	15.11Y	125.9	0.00	0.05	53.46	12	762	268	94	0.52	0.0	1.435	0.066	0	0	0	160
		B		15.03Y	125.2	0.04	0.78	93.11	21	1318	470	94					0	0	0	275
		C		15.03Y	125.3	0.03	0.75	125.06	28	1769	637	94					0	0	0	375
PL.33076	PL.33077	C	4ACSR	15.03Y	125.3	0.00	0.75	0.43	0	6	2	95	0.00	0.0	1.477	0.042	0	0	0	1
4473032	PL.33076	C	Consumer	15.03Y	125.3	0.00	0.75	0.43	0	6	2	95	0.00	0.0	1.477	0.000	6	2	1	1
PL.33078	PL.33077	A	336ACSR	15.11Y	125.9	0.00	0.05	53.46	12	762	268	94	0.91	0.0	1.552	0.116	0	0	0	160
		B		15.02Y	125.2	0.06	0.84	93.11	21	1318	470	94					0	0	0	275
		C		15.02Y	125.2	0.06	0.81	124.63	28	1763	634	94					0	0	0	374
447306	PL.33078	B	Consumer	15.02Y	125.2	0.00	0.84	0.37	0	5	2	93	0.00	0.0	1.552	0.000	5	2	1	1
447320	PL.33078	B	Consumer	15.02Y	125.2	0.00	0.84	0.03	0	0	0	100	0.00	0.0	1.552	0.000	0	0	1	1
PL.13106	PL.33078	A	336ACSR	15.11Y	125.9	0.00	0.06	53.46	12	762	267	94	0.93	0.0	1.670	0.119	0	0	0	160
		B		15.01Y	125.1	0.06	0.91	92.71	21	1312	467	94					0	0	0	273
		C		15.02Y	125.1	0.06	0.87	124.63	28	1762	633	94					0	0	0	374
PL.8603	PL.13106	A	336ACSR	15.11Y	125.9	0.00	0.06	53.46	12	762	267	94	0.44	0.0	1.727	0.056	0	0	0	160
		B		15.01Y	125.1	0.03	0.94	92.71	21	1311	467	94					0	0	0	273
		C		15.01Y	125.1	0.03	0.90	124.63	28	1762	631	94					0	0	0	374
PL.13107	PL.8603	C	4ACSR	15.01Y	125.1	0.01	0.91	32.40	27	459	161	94	0.03	0.0	1.739	0.012	0	0	0	112
C PD.5	PL.13107	C	fuse6AMP	15.01Y	125.1	0.00	0.91	32.40	553	459	161	94	0.00	0.0	1.739	0.000	0	0	0	112 C
PL.13111	PD.5	C	4ACSR	15.01Y	125.1	0.01	0.92	32.40	27	459	161	94	0.05	0.0	1.757	0.019	0	0	0	112
PD.2658	PL.13111	C	50L	15.01Y	125.1	0.00	0.92	32.40	65	459	161	94	0.00	0.0	1.757	0.000	0	0	0	112
PL.13112	PD.2658	C	4ACSR	15.00Y	125.0	0.04	0.96	32.40	27	459	161	94	0.15	0.0	1.817	0.060	0	0	0	112
PL.13113	PL.13112	C	4ACSR	15.00Y	125.0	0.07	1.04	32.40	27	459	161	94	0.25	0.1	1.915	0.098	0	0	0	111
PL.2764	PL.13113	C	4ACSR	15.00Y	125.0	0.00	1.04	0.33	0	5	2	93	0.00	0.0	1.962	0.046	0	0	0	2
447317	PL.2764	C	Consumer	15.00Y	125.0	0.00	1.04	0.10	0	1	0	100	0.00	0.0	1.962	0.000	1	0	1	1
447325	PL.2764	C	Consumer	15.00Y	125.0	0.00	1.04	0.23	0	3	1	95	0.00	0.0	1.962	0.000	3	1	1	1
PL.13114	PL.13113	C	4ACSR	14.98Y	124.8	0.14	1.18	32.06	27	454	159	94	0.49	0.1	2.113	0.198	0	0	0	109
PL.21350	PL.13114	C	4ACSR	14.98Y	124.8	0.02	1.20	32.06	27	453	159	94	0.07	0.0	2.142	0.029	0	0	0	108

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.21351	PL.21350	C	4ACSR	14.96Y	124.6	0.17	1.37	32.06	27	453	159	94	0.56	0.1	2.371	0.229	0	0	0	108
PL.29573	PL.21351	C	4ACSR	14.96Y	124.6	0.00	1.37	0.48	0	7	2	96	0.00	0.0	2.430	0.059	0	0	0	1
447324	PL.29573	C	Consumer	14.96Y	124.6	0.00	1.37	0.48	0	7	2	96	0.00	0.0	2.430	0.000	7	2	1	1
PL.13115	PL.21351	C	4ACSR	14.95Y	124.6	0.02	1.39	31.58	27	446	156	94	0.08	0.0	2.404	0.033	0	0	0	107
PL.13132	PL.13115	C	4ACSR	14.94Y	124.5	0.14	1.54	31.58	27	446	156	94	0.47	0.1	2.602	0.199	0	0	0	107
PL.2727	PL.13132	C	4ACSR	14.94Y	124.5	0.00	1.54	0.65	1	9	3	95	0.00	0.0	2.660	0.058	0	0	0	1
446308	PL.2727	C	Consumer	14.94Y	124.5	0.00	1.54	0.65	0	9	3	95	0.00	0.0	2.660	0.000	9	3	1	1
PL.13133	PL.13132	C	4ACSR	14.92Y	124.4	0.10	1.64	30.86	26	435	152	94	0.32	0.1	2.745	0.142	0	0	0	104
446331	PL.13133	C	Consumer	14.92Y	124.4	0.00	1.64	0.26	0	4	1	97	0.00	0.0	2.745	0.000	4	1	1	1
PL.13134	PL.13133	C	4ACSR	14.91Y	124.3	0.08	1.72	30.60	26	431	151	94	0.26	0.1	2.861	0.117	0	0	0	103
PL.2730	PL.13134	C	4ACSR	14.91Y	124.3	0.00	1.72	0.71	1	10	3	96	0.00	0.0	2.934	0.072	0	0	0	2
PL.2731	PL.2730	C	4ACSR	14.91Y	124.3	0.00	1.72	0.28	0	4	1	97	0.00	0.0	3.019	0.085	0	0	0	1
PL.2729	PL.2731	C	4ACSR	14.91Y	124.3	0.00	1.72	0.28	0	4	1	97	0.00	0.0	3.090	0.071	0	0	0	1
446313	PL.2729	C	Consumer	14.91Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	3.090	0.000	0	0	0	0
PL.2728	PL.2729	C	4ACSR	14.91Y	124.3	0.00	1.72	0.28	0	4	1	97	0.00	0.0	3.183	0.093	0	0	0	1
446316	PL.2728	C	Consumer	14.91Y	124.3	0.00	1.72	0.28	0	4	1	97	0.00	0.0	3.183	0.000	4	1	1	1
446319	PL.2731	C	Consumer	14.91Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	3.019	0.000	0	0	0	0
446306	PL.2730	C	Consumer	14.91Y	124.3	0.00	1.72	0.43	0	6	2	95	0.00	0.0	2.934	0.000	6	2	1	1
PL.13135	PL.13134	C	4ACSR	14.91Y	124.2	0.07	1.79	29.89	25	421	147	94	0.22	0.1	2.965	0.104	0	0	0	101
PL.13146	PL.13135	C	4ACSR	14.89Y	124.1	0.13	1.92	27.96	23	393	138	94	0.37	0.1	3.166	0.200	0	0	0	91
PL.13147	PL.13146	C	4ACSR	14.88Y	124.0	0.09	2.00	26.70	22	375	131	94	0.25	0.1	3.311	0.145	0	0	0	87
PL.12536	PL.13147	C	4ACSR	14.86Y	123.9	0.15	2.15	26.00	22	365	128	94	0.40	0.1	3.556	0.245	0	0	0	82
PL.2738	PL.12536	C	4ACSR	14.86Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	3.683	0.127	0	0	0	1
445330	PL.2738	C	Consumer	14.86Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	3.683	0.000	0	0	1	1
PL.12535	PL.12536	C	4ACSR	14.86Y	123.8	0.03	2.18	26.00	22	365	127	94	0.09	0.0	3.612	0.056	0	0	0	81
PL.12534	PL.12535	C	4ACSR	14.85Y	123.8	0.05	2.23	25.36	21	356	124	94	0.12	0.0	3.690	0.078	0	0	0	79
PL.2739	PL.12534	C	4ACSR	14.85Y	123.8	0.00	2.23	0.67	1	9	3	95	0.00	0.0	3.733	0.042	0	0	0	1
445333	PL.2739	C	Consumer	14.85Y	123.8	0.00	2.23	0.67	0	9	3	95	0.00	0.0	3.733	0.000	9	3	1	1
PL.12533	PL.12534	C	4ACSR	14.84Y	123.7	0.11	2.34	24.69	21	346	121	94	0.28	0.1	3.883	0.193	0	0	0	78
PL.12531	PL.12533	C	4ACSR	14.83Y	123.6	0.04	2.38	24.23	20	339	119	94	0.11	0.0	3.959	0.077	0	0	0	77
PL.2747	PL.12531	C	4ACSR	14.83Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	4.023	0.063	0	0	0	0
445336	PL.2747	C	Consumer	14.83Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	4.023	0.000	0	0	0	0
PL.12532	PL.12531	C	4ACSR	14.83Y	123.6	0.05	2.43	24.23	20	339	118	94	0.13	0.0	4.054	0.094	0	0	0	77
445321	PL.12532	C	Consumer	14.83Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	4.054	0.000	0	0	1	1
4453039	PL.12532	C	Consumer	14.83Y	123.6	0.00	2.43	0.82	0	12	4	95	0.00	0.0	4.054	0.000	0	0	0	1
445310	4453039	C	Consumer	14.83Y	123.6	0.00	2.43	0.82	0	12	4	95	0.00	0.0	4.054	0.000	12	4	1	1
445317	PL.12532	C	Consumer	14.83Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	4.054	0.000	0	0	1	1
PL.12530	PL.12532	C	4ACSR	14.82Y	123.5	0.05	2.48	23.41	20	328	114	94	0.13	0.0	4.150	0.096	0	0	0	74

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 445308, 445324, PL.12529, etc.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.21168	PD.367-B	C	4ACSR	14.76Y	123.0	0.00	3.03	0.17	0	2	1	89	0.00	0.0	5.844	0.169	0	0	0	3
PL.23379	PL.21168	C	4ACSR	14.76Y	123.0	0.00	3.03	0.01	0	0	0	100	0.00	0.0	5.907	0.064	0	0	0	1
444308	PL.23379	C	Consumer	14.76Y	123.0	0.00	3.03	0.01	0	0	0	100	0.00	0.0	5.907	0.000	0	0	1	1
PL.21129	PL.21168	C	4ACSR	14.76Y	123.0	0.00	3.03	0.16	0	2	1	89	0.00	0.0	6.106	0.263	0	0	0	2
PL.23308	PL.21129	C	4ACSR	14.76Y	123.0	0.00	3.03	0.16	0	2	1	89	0.00	0.0	6.325	0.219	0	0	0	2
444401	PL.23308	C	Consumer	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	6.325	0.000	0	0	0	0
444415	PL.23308	C	Consumer	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	6.325	0.000	0	0	1	1
PL.23309	PL.23308	C	4ACSR	14.76Y	123.0	0.00	3.03	0.16	0	2	1	89	0.00	0.0	6.560	0.234	0	0	0	1
443407	PL.23309	C	Consumer	14.76Y	123.0	0.00	3.03	0.16	0	2	1	89	0.00	0.0	6.560	0.000	2	1	1	1
PL.43249	PL.13360	C	2ACSR	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	5.673	0.006	0	0	0	0
PD.8230	PL.43249	C	fuse6AMP	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	5.673	0.000	0	0	0	0
PL.43251	PD.8230	C	2ACSR	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	6.227	0.555	0	0	0	0
PL.43252	PL.43251	C	2ACSR	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	6.471	0.243	0	0	0	0
4443011	PL.43252	C	Consumer	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	6.471	0.000	0	0	0	0
4443010	PL.43251	C	Consumer	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	6.227	0.000	0	0	0	0
PL.13361	PL.13360	C	4ACSR	14.75Y	122.9	0.04	3.06	12.18	10	170	59	94	0.05	0.0	5.796	0.130	0	0	0	35
PL.13359	PL.13361	C	4ACSR	14.74Y	122.8	0.12	3.18	12.18	10	170	59	94	0.15	0.1	6.232	0.435	0	0	0	35
PL.19262	PL.13359	C	4ACSR	14.73Y	122.8	0.05	3.23	12.18	10	170	59	94	0.07	0.0	6.416	0.184	0	0	0	35
443308	PL.19262	C	Consumer	14.73Y	122.8	0.00	3.23	0.00	0	0	0	100	0.00	0.0	6.416	0.000	0	0	1	1
PL.19263	PL.19262	C	4ACSR	14.73Y	122.7	0.03	3.26	12.18	10	169	59	94	0.03	0.0	6.508	0.092	0	0	0	34
PL.13711	PL.19263	C	4ACSR	14.73Y	122.7	0.02	3.28	11.20	9	156	54	94	0.02	0.0	6.573	0.065	0	0	0	33
PL.13710	PL.13711	C	4ACSR	14.72Y	122.7	0.03	3.30	10.42	9	145	50	95	0.03	0.0	6.689	0.116	0	0	0	32
PL.6905	PL.13710	C	4ACSR	14.72Y	122.7	0.00	3.30	1.66	1	23	8	94	0.00	0.0	6.689	0.000	0	0	0	3
PL.6906	PL.6905	C	4ACSR	14.72Y	122.7	0.00	3.31	1.66	1	23	8	94	0.00	0.0	6.724	0.035	0	0	0	3
443310	PL.6906	C	Consumer	14.72Y	122.7	0.00	3.31	0.92	0	13	4	96	0.00	0.0	6.724	0.000	13	4	1	1
443306	PL.6906	C	Consumer	14.72Y	122.7	0.00	3.31	0.38	0	5	2	93	0.00	0.0	6.724	0.000	5	2	1	1
443317	PL.6906	C	Consumer	14.72Y	122.7	0.00	3.31	0.36	0	5	2	93	0.00	0.0	6.724	0.000	5	2	1	1
443307	PL.6906	C	Consumer	14.72Y	122.7	0.00	3.31	0.00	0	0	0	100	0.00	0.0	6.724	0.000	0	0	0	0
PL.23376	PL.13710	C	4ACSR	14.72Y	122.7	0.00	3.31	0.40	0	6	2	95	0.00	0.0	6.781	0.092	0	0	0	1
PL.23380	PL.23376	C	4ACSR	14.72Y	122.7	0.00	3.31	0.40	0	6	2	95	0.00	0.0	6.840	0.059	0	0	0	1
443312	PL.23380	C	Consumer	14.72Y	122.7	0.00	3.31	0.40	0	6	2	95	0.00	0.0	6.840	0.000	6	2	1	1
PL.13709	PL.13710	C	4ACSR	14.72Y	122.7	0.02	3.33	8.36	7	116	40	95	0.02	0.0	6.803	0.114	0	0	0	28
PL.6904	PL.13709	C	4ACSR	14.72Y	122.7	0.02	3.34	8.36	7	116	40	95	0.01	0.0	6.885	0.082	0	0	0	28
PL.13707	PL.6904	C	4ACSR	14.72Y	122.6	0.01	3.35	8.36	7	116	40	95	0.01	0.0	6.951	0.066	0	0	0	28
PL.24005	PL.13707	C	4ACSR	14.72Y	122.6	0.00	3.35	0.08	0	1	0	100	0.00	0.0	7.021	0.070	0	0	0	1
442324	PL.24005	C	Consumer	14.72Y	122.6	0.00	3.35	0.08	0	1	0	100	0.00	0.0	7.021	0.000	1	0	1	1
PL.13708	PL.13707	C	4ACSR	14.72Y	122.6	0.02	3.37	8.28	7	115	40	94	0.01	0.0	7.034	0.083	0	0	0	27
PL.13153	PL.13708	C	4ACSR	14.71Y	122.6	0.01	3.38	7.98	7	111	39	94	0.01	0.0	7.084	0.049	0	0	0	26

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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	Length (mi)	KW					KVAR			
PL.13152	PL.13153	C	4ACSR	14.71Y	122.6	0.00	3.38	7.98	7	111	39	94	0.00	0.0	7.098	0.014	0	0	0	26	
PL.13725	PL.13152	C	4ACSR	14.71Y	122.6	0.00	3.38	7.27	6	101	35	94	0.00	0.0	7.101	0.003	0	0	0	21	
PD.359-A	PL.13725	C	Closed	14.71Y	122.6	0.00	3.38	7.27	0	101	35	94	0.00	0.0	7.101	0.000	0	0	0	21	
PD.359-B	PD.359-A	C	Closed	14.71Y	122.6	0.00	3.38	7.27	0	101	35	94	0.00	0.0	7.101	0.000	0	0	0	21	
PL.13726	PD.359-B	C	4ACSR	14.71Y	122.6	0.01	3.39	7.27	6	101	35	94	0.01	0.0	7.159	0.058	0	0	0	21	
PL.23963	PL.13726	C	4ACSR	14.71Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	7.227	0.068	0	0	0	0	
442309	PL.23963	C	Consumer	14.71Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	7.227	0.000	0	0	0	0	
PL.13727	PL.13726	C	4ACSR	14.71Y	122.6	0.01	3.41	7.27	6	101	35	94	0.01	0.0	7.250	0.091	0	0	0	21	
PL.39347	PL.13727	C	4ACSR	14.71Y	122.6	0.00	3.41	7.27	6	101	35	94	0.00	0.0	7.275	0.025	0	0	0	21	
PL.39348	PL.39347	C	4ACSR	14.71Y	122.6	0.00	3.42	6.45	5	90	31	95	0.00	0.0	7.304	0.029	0	0	0	19	
442315	PL.39348	C	Consumer	14.71Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	7.304	0.000	0	0	0	0	
442319	PL.39348	C	Consumer	14.71Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	7.304	0.000	0	0	0	0	
PL.13728	PL.39348	C	4ACSR	14.71Y	122.6	0.01	3.42	6.45	5	90	31	95	0.00	0.0	7.348	0.043	0	0	0	19	
442311	PL.13728	C	Consumer	14.71Y	122.6	0.00	3.42	0.47	0	6	2	95	0.00	0.0	7.348	0.000	6	2	1	1	
442307	PL.13728	C	Consumer	14.71Y	122.6	0.00	3.42	0.53	0	7	3	92	0.00	0.0	7.348	0.000	7	3	1	1	
442313	PL.13728	C	Consumer	14.71Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	7.348	0.000	0	0	0	0	
PL.42275	PL.13728	C	4ACSR	14.71Y	122.6	0.00	3.42	1.39	1	19	7	94	0.00	0.0	7.389	0.041	0	0	0	4	
PL.42276	PL.42275	C	4ACSR	14.71Y	122.6	0.00	3.42	1.26	1	17	6	94	0.00	0.0	7.444	0.055	0	0	0	3	
PL.23381	PL.42276	C	4ACSR	14.71Y	122.6	0.00	3.43	1.26	1	17	6	94	0.00	0.0	7.502	0.058	0	0	0	3	
PL.23382	PL.23381	C	4ACSR	14.71Y	122.6	0.00	3.43	0.56	0	8	3	94	0.00	0.0	7.566	0.063	0	0	0	1	
443316	PL.23382	C	Consumer	14.71Y	122.6	0.00	3.43	0.56	0	8	3	94	0.00	0.0	7.566	0.000	8	3	1	1	
4433018	PL.23381	C	Consumer	14.71Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	7.502	0.000	0	0	1	1	
443314	PL.23381	C	Consumer	14.71Y	122.6	0.00	3.43	0.70	0	10	3	96	0.00	0.0	7.502	0.000	10	3	1	1	
4423028	PL.42275	C	Consumer	14.71Y	122.6	0.00	3.42	0.13	0	2	1	89	0.00	0.0	7.389	0.000	2	1	1	1	
PL.13729	PL.13728	C	4ACSR	14.71Y	122.6	0.01	3.43	3.51	3	49	17	94	0.00	0.0	7.469	0.121	0	0	0	12	
PD.357-A	PL.13729	C	Closed	14.71Y	122.6	0.00	3.43	3.51	0	49	17	94	0.00	0.0	7.469	0.000	0	0	0	12	
PD.357-B	PD.357-A	C	Closed	14.71Y	122.6	0.00	3.43	3.51	0	49	17	94	0.00	0.0	7.469	0.000	0	0	0	12	
PL.20802	PD.357-B	C	4ACSR	14.71Y	122.6	0.00	3.43	0.28	0	4	1	97	0.00	0.0	7.475	0.007	0	0	0	1	
PL.45463	PL.20802	C	4ACSR	14.71Y	122.6	0.00	3.43	0.28	0	4	1	97	0.00	0.0	7.481	0.006	0	0	0	1	
PD.8649	PL.45463	C	fuse6AMP	14.71Y	122.6	0.00	3.43	0.28	5	4	1	97	0.00	0.0	7.481	0.000	0	0	0	1	
PL.45464	PD.8649	C	4ACSR	14.71Y	122.6	0.00	3.43	0.28	0	4	1	97	0.00	0.0	7.516	0.035	0	0	0	1	
442321	PL.45464	C	Consumer	14.71Y	122.6	0.00	3.43	0.28	0	4	1	97	0.00	0.0	7.516	0.000	4	1	1	1	
PL.32750	PD.357-B	C	4ACSR	14.71Y	122.6	0.00	3.43	3.23	3	45	16	94	0.00	0.0	7.490	0.021	0	0	0	11	
PL.32749	PL.32750	C	4ACSR	14.71Y	122.6	0.00	3.43	0.35	0	5	2	93	0.00	0.0	7.543	0.053	0	0	0	1	
4422013	PL.32749	C	Consumer	14.71Y	122.6	0.00	3.43	0.35	0	5	2	93	0.00	0.0	7.543	0.000	5	2	1	1	
PL.32751	PL.32750	C	4ACSR	14.71Y	122.6	0.00	3.43	2.87	2	40	14	94	0.00	0.0	7.519	0.029	0	0	0	10	
PL.13731	PL.32751	C	4ACSR	14.71Y	122.6	0.00	3.44	2.60	2	36	13	94	0.00	0.0	7.603	0.084	0	0	0	9	
PL.13732	PL.13731	C	4ACSR	14.71Y	122.6	0.00	3.44	0.20	0	3	1	95	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\SUMMER\PROPOSED SUMMER 06-10 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	14.71Y	122.6	0.00	3.44	0.20	3	3	1	95	0.00	0.0	7.635	0.000	0	0	0	2
PL.13785	PD.1074	C	4ACSR	14.71Y	122.6	0.00	3.44	0.20	0	3	1	95	0.00	0.0	7.666	0.031	0	0	0	2
PL.6902	PL.13785	C	4ACSR	14.71Y	122.6	0.00	3.44	0.20	0	3	1	95	0.00	0.0	8.304	0.638	0	0	0	2
PL.6903	PL.6902	C	4ACSR	14.71Y	122.6	0.00	3.45	0.19	0	3	1	95	0.00	0.0	8.865	0.561	0	0	0	1
443202	PL.6903	C	Consumer	14.71Y	122.6	0.00	3.45	0.19	0	3	1	95	0.00	0.0	8.865	0.000	3	1	1	1
443305	PL.6902	C	Consumer	14.71Y	122.6	0.00	3.44	0.01	0	0	0	100	0.00	0.0	8.304	0.000	0	0	1	1
PL.13786	PL.13731	C	4ACSR	14.71Y	122.6	0.01	3.44	2.40	2	33	12	94	0.00	0.0	7.698	0.096	0	0	0	7
PL.23362	PL.13786	C	4ACSR	14.71Y	122.6	0.00	3.45	0.76	1	11	4	94	0.00	0.0	7.779	0.080	0	0	0	1
442202	PL.23362	C	Consumer	14.71Y	122.6	0.00	3.45	0.76	0	11	4	94	0.00	0.0	7.779	0.000	11	4	1	1
PL.13787	PL.13786	C	4ACSR	14.71Y	122.5	0.01	3.45	1.64	1	23	8	94	0.00	0.0	7.874	0.176	0	0	0	6
442204	PL.13787	C	Consumer	14.71Y	122.5	0.00	3.45	0.27	0	4	1	97	0.00	0.0	7.874	0.000	4	1	1	1
PL.13788	PL.13787	C	4ACSR	14.71Y	122.5	0.00	3.45	1.36	1	19	7	94	0.00	0.0	7.907	0.033	0	0	0	5
PL.13789	PL.13788	C	4ACSR	14.71Y	122.5	0.00	3.46	1.03	1	14	5	94	0.00	0.0	8.106	0.200	0	0	0	2
PL.6884	PL.13789	C	4ACSR	14.70Y	122.5	0.00	3.46	0.70	1	10	3	96	0.00	0.0	8.177	0.071	0	0	0	1
PL.13790	PL.6884	C	4ACSR	14.70Y	122.5	0.00	3.46	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	14.70Y	122.5	0.00	3.46	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	14.70Y	122.5	0.00	3.46	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	14.70Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	8.634	0.335	0	0	0	0
PL.43236	PL.13791	C	4ACSR	14.70Y	122.5	0.00	3.46	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	14.70Y	122.5	0.00	3.46	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	14.70Y	122.5	0.00	3.46	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	14.70Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	9.095	0.005	0	0	0	0
442211	PL.6884	C	Consumer	14.70Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	8.177	0.000	0	0	0	0
442212	PL.6884	C	Consumer	14.70Y	122.5	0.00	3.46	0.70	0	10	3	96	0.00	0.0	8.177	0.000	10	3	1	1
442208	PL.13789	C	Consumer	14.71Y	122.5	0.00	3.46	0.33	0	5	2	93	0.00	0.0	8.106	0.000	5	2	1	1
442210	PL.13789	C	Consumer	14.71Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	8.106	0.000	0	0	0	0
PL.23363	PL.13788	C	4ACSR	14.71Y	122.5	0.00	3.45	0.33	0	5	2	93	0.00	0.0	7.948	0.041	0	0	0	3
PL.32806	PL.23363	C	4ACSR	14.71Y	122.5	0.00	3.45	0.33	0	5	2	93	0.00	0.0	7.956	0.008	0	0	0	3
4432004	PL.32806	C	Consumer	14.71Y	122.5	0.00	3.45	0.02	0	0	0	100	0.00	0.0	7.956	0.000	0	0	1	1
PL.32807	PL.32806	C	4ACSR	14.71Y	122.5	0.00	3.45	0.31	0	4	2	89	0.00	0.0	7.998	0.042	0	0	0	2
PL.23372	PL.32807	C	4ACSR	14.71Y	122.5	0.00	3.45	0.00	0	0	0	100	0.00	0.0	8.151	0.153	0	0	0	1
PL.33203	PL.23372	C	4ACSR	14.71Y	122.5	0.00	3.45	0.00	0	0	0	100	0.00	0.0	8.199	0.048	0	0	0	1
4432003	PL.33203	C	Consumer	14.71Y	122.5	0.00	3.45	0.00	0	0	0	100	0.00	0.0	8.199	0.000	0	0	1	1
443201	PL.32807	C	Consumer	14.71Y	122.5	0.00	3.45	0.31	0	4	2	89	0.00	0.0	7.998	0.000	4	2	1	1
4432005	PL.32807	C	Consumer	14.71Y	122.5	0.00	3.45	0.00	0	0	0	100	0.00	0.0	7.998	0.000	0	0	0	0
442206	PL.32751	C	Consumer	14.71Y	122.6	0.00	3.43	0.27	0	4	1	97	0.00	0.0	7.519	0.000	4	1	1	1
PL.42274	PL.13728	C	2ACSR	14.71Y	122.6	0.00	3.42	0.55	0	8	3	94	0.00	0.0	7.443	0.095	0	0	0	1
4423027	PL.42274	C	Consumer	14.71Y	122.6	0.00	3.42	0.55	0	8	3	94	0.00	0.0	7.443	0.000	8	3	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	14.71Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	7.443	0.000	0	0	0	0
4423026	PL.39347	C	Consumer	14.71Y	122.6	0.00	3.41	0.06	0	1	0	100	0.00	0.0	7.275	0.000	1	0	1	1
442312	PL.39347	C	Consumer	14.71Y	122.6	0.00	3.41	0.76	0	11	4	94	0.00	0.0	7.275	0.000	11	4	1	1
PL.24003	PL.13727	C	4ACSR	14.71Y	122.6	0.00	3.41	0.00	0	0	0	100	0.00	0.0	7.301	0.051	0	0	0	0
442308	PL.24003	C	Consumer	14.71Y	122.6	0.00	3.41	0.00	0	0	0	100	0.00	0.0	7.301	0.000	0	0	0	0
PL.13154	PL.13152	C	4ACSR	14.71Y	122.6	0.00	3.38	0.71	1	10	3	96	0.00	0.0	7.109	0.011	0	0	0	5
PD.1073	PL.13154	C	fuse6AMP	14.71Y	122.6	0.00	3.38	0.71	12	10	3	96	0.00	0.0	7.109	0.000	0	0	0	5
PL.18718	PD.1073	C	4ACSR	14.71Y	122.6	0.00	3.38	0.71	1	10	3	96	0.00	0.0	7.199	0.090	0	0	0	5
PL.19971	PL.18718	C	4ACSR	14.71Y	122.6	0.00	3.38	0.71	1	10	3	96	0.00	0.0	7.242	0.043	0	0	0	5
442316	PL.19971	C	Consumer	14.71Y	122.6	0.00	3.38	0.18	0	2	1	89	0.00	0.0	7.242	0.000	2	1	1	1
PL.22753	PL.19971	C	4ACSR	14.71Y	122.6	0.00	3.39	0.53	0	7	3	92	0.00	0.0	7.386	0.144	0	0	0	4
PL.20532	PL.22753	C	4ACSR	14.71Y	122.6	0.00	3.39	0.53	0	7	3	92	0.00	0.0	7.584	0.198	0	0	0	4
PL.20533	PL.20532	C	4ACSR	14.71Y	122.6	0.00	3.39	0.53	0	7	3	92	0.00	0.0	7.742	0.158	0	0	0	3
PL.23365	PL.20533	C	4ACSR	14.71Y	122.6	0.00	3.39	0.53	0	7	3	92	0.00	0.0	7.847	0.105	0	0	0	3
PL.23364	PL.23365	C	4ACSR	14.71Y	122.6	0.00	3.39	0.53	0	7	3	92	0.00	0.0	7.991	0.145	0	0	0	3
PL.28285	PL.23364	C	4ACSR	14.71Y	122.6	0.00	3.39	0.53	0	7	3	92	0.00	0.0	8.039	0.047	0	0	0	3
PL.23367	PL.28285	C	4ACSR	14.71Y	122.6	0.00	3.39	0.20	0	3	1	95	0.00	0.0	8.124	0.085	0	0	0	1
442322	PL.23367	C	Consumer	14.71Y	122.6	0.00	3.39	0.20	0	3	1	95	0.00	0.0	8.124	0.000	3	1	1	1
PL.23243	PL.28285	C	4ACSR	14.71Y	122.6	0.00	3.39	0.33	0	5	2	93	0.00	0.0	8.099	0.061	0	0	0	2
442320	PL.23243	C	Consumer	14.71Y	122.6	0.00	3.39	0.07	0	1	0	100	0.00	0.0	8.099	0.000	1	0	1	1
442314	PL.23243	C	Consumer	14.71Y	122.6	0.00	3.39	0.26	0	4	1	97	0.00	0.0	8.099	0.000	4	1	1	1
442318	PL.20532	C	Consumer	14.71Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	7.584	0.000	0	0	1	1
PL.20531	PL.22753	C	4ACSR	14.71Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	7.389	0.003	0	0	0	0
PL.12475	PL.20531	C	4ACSR	14.71Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	7.615	0.226	0	0	0	0
442304	PL.20531	C	Consumer	14.71Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	7.389	0.000	0	0	0	0
442317	PL.18718	C	Consumer	14.71Y	122.6	0.00	3.38	0.00	0	0	0	100	0.00	0.0	7.199	0.000	0	0	0	0
442310	PL.13708	C	Consumer	14.72Y	122.6	0.00	3.37	0.30	0	4	1	97	0.00	0.0	7.034	0.000	4	1	1	1
PL.24011	PL.13711	C	4ACSR	14.73Y	122.7	0.00	3.28	0.78	1	11	4	94	0.00	0.0	6.643	0.069	0	0	0	1
443302	PL.24011	C	Consumer	14.73Y	122.7	0.00	3.28	0.78	0	11	4	94	0.00	0.0	6.643	0.000	11	4	1	1
PL.23377	PL.19263	C	4ACSR	14.73Y	122.7	0.00	3.26	0.98	1	14	5	94	0.00	0.0	6.584	0.076	0	0	0	1
443311	PL.23377	C	Consumer	14.73Y	122.7	0.00	3.26	0.98	0	14	5	94	0.00	0.0	6.584	0.000	14	5	1	1
445323	PL.19242	C	Consumer	14.80Y	123.3	0.00	2.70	0.04	0	1	0	100	0.00	0.0	4.607	0.000	1	0	1	1
PL.12583	PL.13149	C	4ACSR	14.80Y	123.3	0.00	2.67	7.84	7	110	38	95	0.00	0.0	4.507	0.005	0	0	0	23
PD.382-A	PL.12583	C	Closed	14.80Y	123.3	0.00	2.67	7.84	0	110	38	95	0.00	0.0	4.507	0.000	0	0	0	23
PD.382-B	PD.382-A	C	Closed	14.80Y	123.3	0.00	2.67	7.84	0	110	38	95	0.00	0.0	4.507	0.000	0	0	0	23
PL.12584	PD.382-B	C	4ACSR	14.80Y	123.3	0.01	2.68	7.84	7	110	38	95	0.01	0.0	4.590	0.083	0	0	0	23
445332	PL.12584	C	Consumer	14.80Y	123.3	0.00	2.68	0.48	0	7	2	96	0.00	0.0	4.590	0.000	7	2	1	1
PL.12585	PL.12584	C	4ACSR	14.80Y	123.3	0.00	2.68	7.36	6	103	36	94	0.00	0.0	4.596	0.005	0	0	0	22

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	14.80Y	123.3	0.00	2.68	7.36	29	103	36	94	0.00	0.0	4.596	0.000	0	0	0	22
PL.12586	PD.2653	C	4ACSR	14.80Y	123.3	0.01	2.69	7.36	6	103	36	94	0.01	0.0	4.639	0.044	0	0	0	22
PL.12587	PL.12586	C	4ACSR	14.79Y	123.3	0.02	2.71	6.55	6	92	32	94	0.02	0.0	4.792	0.153	0	0	0	20
PL.28584	PL.12587	C	4ACSR	14.79Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	4.859	0.067	0	0	0	0
445302	PL.28584	C	Consumer	14.79Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	4.859	0.000	0	0	0	0
PL.12588	PL.12587	C	4ACSR	14.79Y	123.3	0.01	2.72	6.55	6	92	32	94	0.01	0.0	4.879	0.087	0	0	0	20
PL.12589	PL.12588	C	4ACSR	14.79Y	123.3	0.02	2.74	5.69	5	79	28	94	0.01	0.0	5.002	0.123	0	0	0	17
PL.12590	PL.12589	C	4ACSR	14.79Y	123.2	0.04	2.78	5.39	5	75	26	94	0.02	0.0	5.303	0.301	0	0	0	16
PL.38112	PL.12590	C	4ACSR	14.79Y	123.2	0.00	2.78	1.81	2	25	9	94	0.00	0.0	5.314	0.011	0	0	0	5
PD.6612	PL.38112	C	fuse6AMP	14.79Y	123.2	0.00	2.78	1.81	31	25	9	94	0.00	0.0	5.314	0.000	0	0	0	5
PL.41293	PD.6612	C	4ACSR	14.79Y	123.2	0.00	2.78	1.81	2	25	9	94	0.00	0.0	5.375	0.061	0	0	0	5
PL.41292	PL.41293	C	2ACSR	14.79Y	123.2	0.00	2.78	0.74	0	10	4	93	0.00	0.0	5.412	0.037	0	0	0	1
4452015	PL.41292	C	Consumer	14.79Y	123.2	0.00	2.78	0.74	0	10	4	93	0.00	0.0	5.412	0.000	10	4	1	1
PL.41294	PL.41293	C	4ACSR	14.79Y	123.2	0.00	2.78	1.07	1	15	5	95	0.00	0.0	5.403	0.027	0	0	0	4
445208	PL.41294	C	Consumer	14.79Y	123.2	0.00	2.78	0.24	0	3	1	95	0.00	0.0	5.403	0.000	3	1	1	1
PL.20698	PL.41294	C	4ACSR	14.79Y	123.2	0.00	2.78	0.83	1	12	4	95	0.00	0.0	5.409	0.006	0	0	0	3
PL.20699	PL.20698	C	4ACSR	14.79Y	123.2	0.00	2.78	0.83	1	12	4	95	0.00	0.0	5.455	0.046	0	0	0	3
PL.20700	PL.20699	C	4ACSR	14.79Y	123.2	0.00	2.78	0.00	0	0	0	100	0.00	0.0	5.518	0.062	0	0	0	1
444211	PL.20700	C	Consumer	14.79Y	123.2	0.00	2.78	0.00	0	0	0	100	0.00	0.0	5.518	0.000	0	0	1	1
PL.23307	PL.20700	C	4ACSR	14.79Y	123.2	0.00	2.78	0.00	0	0	0	100	0.00	0.0	5.546	0.028	0	0	0	0
PL.23374	PL.23307	C	4ACSR	14.79Y	123.2	0.00	2.78	0.00	0	0	0	100	0.00	0.0	5.639	0.093	0	0	0	0
444205	PL.20699	C	Consumer	14.79Y	123.2	0.00	2.78	0.56	0	8	3	94	0.00	0.0	5.455	0.000	8	3	1	1
444214	PL.20699	C	Consumer	14.79Y	123.2	0.00	2.78	0.27	0	4	1	97	0.00	0.0	5.455	0.000	4	1	1	1
PL.13344	PL.12590	C	4ACSR	14.79Y	123.2	0.00	2.78	3.58	3	50	17	95	0.00	0.0	5.340	0.037	0	0	0	11
PL.13346	PL.13344	C	4ACSR	14.79Y	123.2	0.00	2.78	3.57	3	50	17	95	0.00	0.0	5.390	0.050	0	0	0	10
PL.24901	PL.13346	C	4ACSR	14.79Y	123.2	0.00	2.78	0.76	1	11	4	94	0.00	0.0	5.390	0.000	0	0	0	2
445209	PL.24901	C	Consumer	14.79Y	123.2	0.00	2.78	0.30	0	4	1	97	0.00	0.0	5.390	0.000	4	1	1	1
PL.20695	PL.24901	C	4ACSR	14.79Y	123.2	0.00	2.79	0.46	0	6	2	95	0.00	0.0	5.496	0.105	0	0	0	1
PL.20696	PL.20695	C	4ACSR	14.79Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	5.497	0.001	0	0	0	0
445214	PL.20695	C	Consumer	14.79Y	123.2	0.00	2.79	0.46	0	6	2	95	0.00	0.0	5.496	0.000	6	2	1	1
PL.13347	PL.13346	C	4ACSR	14.79Y	123.2	0.01	2.79	2.81	2	39	14	94	0.00	0.0	5.487	0.097	0	0	0	8
PL.13345	PL.13347	C	4ACSR	14.78Y	123.2	0.01	2.80	2.31	2	32	11	95	0.00	0.0	5.627	0.140	0	0	0	5
PL.114	PL.13345	C	4ACSR	14.78Y	123.2	0.00	2.80	2.31	2	32	11	95	0.00	0.0	5.685	0.058	0	0	0	5
PL.6897	PL.114	C	4ACSR	14.78Y	123.2	0.00	2.80	1.71	1	24	8	95	0.00	0.0	5.768	0.083	0	0	0	4
444213	PL.6897	C	Consumer	14.78Y	123.2	0.00	2.80	0.00	0	0	0	100	0.00	0.0	5.768	0.000	0	0	1	1
444204	PL.6897	C	Consumer	14.78Y	123.2	0.00	2.80	0.19	0	3	1	95	0.00	0.0	5.768	0.000	3	1	1	1
PL.6898	PL.6897	C	4ACSR	14.78Y	123.2	0.01	2.82	1.51	1	21	7	95	0.00	0.0	6.148	0.379	0	0	0	2
PL.6899	PL.6898	C	4ACSR	14.78Y	123.2	0.00	2.82	0.00	0	0	0	100	0.00	0.0	6.370	0.222	0	0	0	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	% PF	kW Loss	% Loss							
444212	PL.6898	C	Consumer	14.78Y	123.2	0.00	2.82	0.51	0	7	2	96	0.00	0.0	6.148	0.000	7	2	1	1
444202	PL.6898	C	Consumer	14.78Y	123.2	0.00	2.82	1.00	0	14	5	94	0.00	0.0	6.148	0.000	14	5	1	1
PL.2743	PL.114	C	4ACSR	14.78Y	123.2	0.00	2.80	0.60	1	8	3	94	0.00	0.0	5.790	0.105	0	0	0	1
445213	PL.2743	C	Consumer	14.78Y	123.2	0.00	2.80	0.60	0	8	3	94	0.00	0.0	5.790	0.000	8	3	1	1
PL.33014	PL.13347	C	4ACSR	14.79Y	123.2	0.00	2.79	0.50	0	7	2	96	0.00	0.0	5.492	0.005	0	0	0	3
PD.3941	PL.33014	C	fuse6AMP	14.79Y	123.2	0.00	2.79	0.50	8	7	2	96	0.00	0.0	5.492	0.000	0	0	0	3
PL.33015	PD.3941	C	4ACSR	14.78Y	123.2	0.00	2.79	0.50	0	7	2	96	0.00	0.0	5.866	0.374	0	0	0	3
445203	PL.33015	C	Consumer	14.78Y	123.2	0.00	2.79	0.40	0	6	2	95	0.00	0.0	5.866	0.000	6	2	1	1
PL.28579	PL.33015	C	4ACSR	14.78Y	123.2	0.00	2.79	0.10	0	1	0	100	0.00	0.0	6.003	0.137	0	0	0	2
445212	PL.28579	C	Consumer	14.78Y	123.2	0.00	2.79	0.08	0	1	0	100	0.00	0.0	6.003	0.000	1	0	1	1
PL.28580	PL.28579	C	4ACSR	14.78Y	123.2	0.00	2.79	0.02	0	0	0	100	0.00	0.0	6.157	0.154	0	0	0	1
PL.28577	PL.28580	C	4ACSR	14.78Y	123.2	0.00	2.80	0.02	0	0	0	100	0.00	0.0	6.262	0.105	0	0	0	1
PL.28578	PL.28577	C	4ACSR	14.78Y	123.2	0.00	2.80	0.02	0	0	0	100	0.00	0.0	6.407	0.145	0	0	0	1
445210	PL.28578	C	Consumer	14.78Y	123.2	0.00	2.80	0.02	0	0	0	100	0.00	0.0	6.407	0.000	0	0	1	1
445205	PL.13344	C	Consumer	14.79Y	123.2	0.00	2.78	0.01	0	0	0	100	0.00	0.0	5.340	0.000	0	0	1	1
PL.20694	PL.12589	C	4ACSR	14.79Y	123.3	0.00	2.74	0.29	0	4	1	97	0.00	0.0	5.132	0.130	0	0	0	1
PL.21028	PL.20694	C	4ACSR	14.79Y	123.3	0.00	2.74	0.29	0	4	1	97	0.00	0.0	5.252	0.120	0	0	0	1
PL.22886	PL.21028	C	4ACSR	14.79Y	123.3	0.00	2.74	0.29	0	4	1	97	0.00	0.0	5.366	0.114	0	0	0	1
445322	PL.22886	C	Consumer	14.79Y	123.3	0.00	2.74	0.29	0	4	1	97	0.00	0.0	5.366	0.000	4	1	1	1
445301	PL.21028	C	Consumer	14.79Y	123.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	5.252	0.000	0	0	0	0
PL.23375	PL.20694	C	4ACSR	14.79Y	123.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	5.167	0.035	0	0	0	0
PL.22885	PL.12588	C	4ACSR	14.79Y	123.3	0.00	2.73	0.86	1	12	4	95	0.00	0.0	4.969	0.090	0	0	0	3
PL.28582	PL.22885	C	4ACSR	14.79Y	123.3	0.00	2.73	0.86	1	12	4	95	0.00	0.0	5.052	0.083	0	0	0	3
PL.23322	PL.28582	C	4ACSR	14.79Y	123.3	0.00	2.73	0.85	1	12	4	95	0.00	0.0	5.083	0.031	0	0	0	2
PL.23323	PL.23322	C	4ACSR	14.79Y	123.3	0.00	2.73	0.85	1	12	4	95	0.00	0.0	5.165	0.081	0	0	0	1
445318	PL.23323	C	Consumer	14.79Y	123.3	0.00	2.73	0.85	0	12	4	95	0.00	0.0	5.165	0.000	12	4	1	1
445325	PL.23322	C	Consumer	14.79Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	5.083	0.000	0	0	1	1
PL.28583	PL.28582	C	4ACSR	14.79Y	123.3	0.00	2.73	0.02	0	0	0	100	0.00	0.0	5.129	0.077	0	0	0	1
445315	PL.28583	C	Consumer	14.79Y	123.3	0.00	2.73	0.02	0	0	0	100	0.00	0.0	5.129	0.000	0	0	1	1
PL.2740	PL.12586	C	4ACSR	14.80Y	123.3	0.00	2.69	0.81	1	11	4	94	0.00	0.0	4.704	0.065	0	0	0	2
445331	PL.2740	C	Consumer	14.80Y	123.3	0.00	2.69	0.59	0	8	3	94	0.00	0.0	4.704	0.000	8	3	1	1
445303	PL.2740	C	Consumer	14.80Y	123.3	0.00	2.69	0.22	0	3	1	95	0.00	0.0	4.704	0.000	3	1	1	1
PL.2742	PL.13148	C	4ACSR	14.80Y	123.4	0.00	2.64	0.00	0	0	0	100	0.00	0.0	4.512	0.059	0	0	0	1
445329	PL.2742	C	Consumer	14.80Y	123.4	0.00	2.64	0.00	0	0	0	100	0.00	0.0	4.512	0.000	0	0	1	1
445335	PL.19425	C	Consumer	14.81Y	123.4	0.00	2.61	0.06	0	1	0	100	0.00	0.0	4.386	0.000	1	0	1	1
445307	PL.19425	C	Consumer	14.81Y	123.4	0.00	2.61	0.40	0	6	2	95	0.00	0.0	4.386	0.000	6	2	1	1
445306	PL.19425	C	Consumer	14.81Y	123.4	0.00	2.61	0.64	0	9	3	95	0.00	0.0	4.386	0.000	9	3	1	1
PL.2741	PL.19425	C	4ACSR	14.81Y	123.4	0.00	2.61	0.23	0	3	1	95	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\SUMMER\PROPOSED SUMMER 06-10 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	14.81Y	123.4	0.00	2.61	0.23	0	3	1	95	0.00	0.0	4.512	0.000	3	1	1	1
445311	PL.12533	C	Consumer	14.84Y	123.7	0.00	2.34	0.46	0	6	2	95	0.00	0.0	3.883	0.000	6	2	1	1
PL.2737	PL.12535	C	4ACSR	14.86Y	123.8	0.00	2.18	0.64	1	9	3	95	0.00	0.0	3.701	0.088	0	0	0	2
445312	PL.2737	C	Consumer	14.86Y	123.8	0.00	2.18	0.59	0	8	3	94	0.00	0.0	3.701	0.000	8	3	1	1
445328	PL.2737	C	Consumer	14.86Y	123.8	0.00	2.18	0.05	0	1	0	100	0.00	0.0	3.701	0.000	1	0	1	1
PL.2733	PL.13147	C	4ACSR	14.88Y	124.0	0.00	2.01	0.70	1	10	3	96	0.00	0.0	3.553	0.243	0	0	0	5
PL.13142	PL.2733	C	4ACSR	14.88Y	124.0	0.00	2.01	0.70	1	10	3	96	0.00	0.0	3.611	0.058	0	0	0	5
PL.2736	PL.13142	C	4ACSR	14.88Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	3.694	0.083	0	0	0	0
PL.2735	PL.13142	C	4ACSR	14.88Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	3.693	0.082	0	0	0	1
445305	PL.2735	C	Consumer	14.88Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	3.693	0.000	0	0	1	1
PL.13143	PL.13142	C	4ACSR	14.88Y	124.0	0.00	2.01	0.02	0	0	0	100	0.00	0.0	3.681	0.070	0	0	0	2
PL.2734	PL.13143	C	4ACSR	14.88Y	124.0	0.00	2.01	0.02	0	0	0	100	0.00	0.0	3.798	0.116	0	0	0	2
446311	PL.2734	C	Consumer	14.88Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	3.798	0.000	0	0	1	1
446309	PL.2734	C	Consumer	14.88Y	124.0	0.00	2.01	0.02	0	0	0	100	0.00	0.0	3.798	0.000	0	0	1	1
PL.2732	PL.2734	C	4ACSR	14.88Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	3.868	0.071	0	0	0	0
446315	PL.13142	C	Consumer	14.88Y	124.0	0.00	2.01	0.22	0	3	1	95	0.00	0.0	3.611	0.000	3	1	1	1
446327	PL.13142	C	Consumer	14.88Y	124.0	0.00	2.01	0.46	0	6	2	95	0.00	0.0	3.611	0.000	6	2	1	1
PL.13144	PL.13146	C	4ACSR	14.89Y	124.1	0.01	1.92	1.26	1	18	6	95	0.00	0.0	3.402	0.236	0	0	0	4
PL.42964	PL.13144	C	4ACSR	14.89Y	124.1	0.00	1.92	1.06	1	15	5	95	0.00	0.0	3.405	0.004	0	0	0	2
PD.8103	PL.42964	C	fuse6AMP	14.89Y	124.1	0.00	1.92	1.06	18	15	5	95	0.00	0.0	3.405	0.000	0	0	0	2
PL.42965	PD.8103	C	4ACSR	14.89Y	124.1	0.00	1.92	0.44	0	6	2	95	0.00	0.0	3.434	0.029	0	0	0	1
PL.24904	PL.42965	C	4ACSR	14.89Y	124.1	0.00	1.92	0.00	0	0	0	100	0.00	0.0	3.534	0.100	0	0	0	0
446332	PL.42965	C	Consumer	14.89Y	124.1	0.00	1.92	0.44	0	6	2	95	0.00	0.0	3.434	0.000	6	2	1	1
PL.42966	PD.8103	C	2ACSR	14.89Y	124.1	0.00	1.92	0.63	0	9	3	95	0.00	0.0	3.470	0.064	0	0	0	1
4463033	PL.42966	C	Consumer	14.89Y	124.1	0.00	1.92	0.63	0	9	3	95	0.00	0.0	3.470	0.000	9	3	1	1
PL.19587	PL.13144	C	4ACSR	14.89Y	124.1	0.00	1.92	0.19	0	3	1	95	0.00	0.0	3.444	0.042	0	0	0	2
446310	PL.19587	C	Consumer	14.89Y	124.1	0.00	1.92	0.03	0	0	0	100	0.00	0.0	3.444	0.000	0	0	1	1
PL.19588	PL.19587	C	4ACSR	14.89Y	124.1	0.00	1.92	0.16	0	2	1	89	0.00	0.0	3.498	0.054	0	0	0	1
PL.24760	PL.19588	C	4ACSR	14.89Y	124.1	0.00	1.92	0.16	0	2	1	89	0.00	0.0	3.673	0.175	0	0	0	1
446301	PL.24760	C	Consumer	14.89Y	124.1	0.00	1.92	0.16	0	2	1	89	0.00	0.0	3.673	0.000	2	1	1	1
PL.13136	PL.13135	C	4ACSR	14.91Y	124.2	0.00	1.79	1.93	2	27	9	95	0.00	0.0	2.979	0.014	0	0	0	10
PD.2470	PL.13136	C	25V4E	14.91Y	124.2	0.00	1.79	1.93	8	27	9	95	0.00	0.0	2.979	0.000	0	0	0	10
PL.13137	PD.2470	C	4ACSR	14.91Y	124.2	0.00	1.79	1.93	2	27	9	95	0.00	0.0	3.046	0.067	0	0	0	10
446323	PL.13137	C	Consumer	14.91Y	124.2	0.00	1.79	0.00	0	0	0	100	0.00	0.0	3.046	0.000	0	0	1	1
446326	PL.13137	C	Consumer	14.91Y	124.2	0.00	1.79	0.00	0	0	0	100	0.00	0.0	3.046	0.000	0	0	0	0
446305	PL.13137	C	Consumer	14.91Y	124.2	0.00	1.79	0.31	0	4	2	89	0.00	0.0	3.046	0.000	4	2	1	1
PL.24756	PL.13137	C	4ACSR	14.90Y	124.2	0.01	1.81	1.62	1	23	8	94	0.00	0.0	3.435	0.388	0	0	0	8
PL.13138	PL.24756	C	4ACSR	14.90Y	124.2	0.01	1.81	1.62	1	23	8	94	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\SUMMER\PROPOSED SUMMER 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)	-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
PL.2752	PL.13138	C	4ACSR	14.90Y	124.2	0.00	1.81	0.77	1	11	4	94	0.00	0.0	3.700	0.084	0	0	0	4
PL.13140	PL.2752	C	4ACSR	14.90Y	124.2	0.00	1.82	0.77	1	11	4	94	0.00	0.0	3.823	0.122	0	0	0	3
446411	PL.13140	C	Consumer	14.90Y	124.2	0.00	1.82	0.13	0	2	1	89	0.00	0.0	3.823	0.000	2	1	1	1
446406	PL.13140	C	Consumer	14.90Y	124.2	0.00	1.82	0.20	0	3	1	95	0.00	0.0	3.823	0.000	3	1	1	1
PL.33932	PL.13140	C	4ACSR	14.90Y	124.2	0.00	1.82	0.43	0	6	2	95	0.00	0.0	3.869	0.046	0	0	0	1
PL.33933	PL.33932	C	4ACSR	14.90Y	124.2	0.00	1.82	0.43	0	6	2	95	0.00	0.0	3.920	0.051	0	0	0	1
PL.45824	PL.33933	C	2ACSR	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	4.017	0.097	0	0	0	0
4464016	PL.45824	C	Consumer	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	4.017	0.000	0	0	0	0
446407	PL.33933	C	Consumer	14.90Y	124.2	0.00	1.82	0.43	0	6	2	95	0.00	0.0	3.920	0.000	6	2	1	1
446404	PL.2752	C	Consumer	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	3.700	0.000	0	0	1	1
446405	PL.13138	C	Consumer	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	3.616	0.000	0	0	0	0
PL.33935	PL.13138	C	4ACSR	14.90Y	124.2	0.01	1.82	0.85	1	12	4	95	0.00	0.0	3.882	0.265	0	0	0	4
PL.45467	PL.33935	C	4ACSR	14.90Y	124.2	0.00	1.82	0.44	0	6	2	95	0.00	0.0	3.923	0.041	0	0	0	3
PD.8651	PL.45467	C	fuse6AMP	14.90Y	124.2	0.00	1.82	0.44	8	6	2	95	0.00	0.0	3.923	0.000	0	0	0	3
PL.45468	PD.8651	C	4ACSR	14.90Y	124.2	0.00	1.82	0.44	0	6	2	95	0.00	0.0	3.979	0.056	0	0	0	3
PL.40776	PL.45468	C	4ACSR	14.90Y	124.2	0.00	1.82	0.13	0	2	1	89	0.00	0.0	4.124	0.145	0	0	0	2
PL.2751	PL.40776	C	4ACSR	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	4.229	0.105	0	0	0	0
PL.24905	PL.40776	C	4ACSR	14.90Y	124.2	0.00	1.82	0.13	0	2	1	89	0.00	0.0	4.269	0.146	0	0	0	2
PL.26537	PL.24905	C	4ACSR	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	4.330	0.061	0	0	0	1
PL.26538	PL.26537	C	4ACSR	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	4.450	0.120	0	0	0	0
PL.6527	PL.26537	C	4ACSR	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	4.425	0.095	0	0	0	1
447420	PL.6527	C	Consumer	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	4.425	0.000	0	0	1	1
PL.6528	PL.6527	C	4ACSR	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	4.425	0.000	0	0	0	0
447424	PL.24905	C	Consumer	14.90Y	124.2	0.00	1.82	0.13	0	2	1	89	0.00	0.0	4.269	0.000	2	1	1	1
PL.6526	PL.24905	C	4ACSR	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	4.271	0.002	0	0	0	0
4464015	PL.45468	C	Consumer	14.90Y	124.2	0.00	1.82	0.31	0	4	2	89	0.00	0.0	3.979	0.000	4	2	1	1
PL.33934	PL.33935	C	2ACSR	14.90Y	124.2	0.00	1.82	0.41	0	6	2	95	0.00	0.0	3.928	0.046	0	0	0	1
4464014	PL.33934	C	Consumer	14.90Y	124.2	0.00	1.82	0.41	0	6	2	95	0.00	0.0	3.928	0.000	6	2	1	1
PL.2726	PL.13132	C	4ACSR	14.94Y	124.5	0.00	1.54	0.07	0	1	0	100	0.00	0.0	2.757	0.155	0	0	0	2
446328	PL.2726	C	Consumer	14.94Y	124.5	0.00	1.54	0.06	0	1	0	100	0.00	0.0	2.757	0.000	1	0	1	1
446329	PL.2726	C	Consumer	14.94Y	124.5	0.00	1.54	0.02	0	0	0	100	0.00	0.0	2.757	0.000	0	0	1	1
447319	PL.13114	C	Consumer	14.98Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	2.113	0.000	0	0	1	1
PL.24074	PL.13113	C	4ACSR	15.00Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	1.976	0.061	0	0	0	0
447305	PL.24074	C	Consumer	15.00Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	1.976	0.000	0	0	0	0
447331	PL.13112	C	Consumer	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	1.817	0.000	0	0	1	1
PL.13108	PL.8603	A	336ACSR	15.11Y	125.9	0.01	0.07	53.46	12	762	267	94	0.64	0.0	1.841	0.115	0	0	0	160
		B		15.00Y	125.0	0.06	0.99	92.71	21	1311	466	94					0	0	0	273
		C		15.01Y	125.1	0.04	0.93	91.85	21	1297	468	94					0	0	0	261
PL.13109	PL.13108	B	4ACSR	15.00Y	125.0	0.00	0.99	1.08	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\SUMMER\PROPOSED SUMMER 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 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\SUMMER\PROPOSED SUMMER 06-10 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.13129	PL.13125	A	336ACSR	15.10Y	125.8	0.01	0.16	52.85	12	753	264	94	0.29	0.0	2.570	0.054	0	0	0	158		
		B		14.96Y	124.6	0.03	1.35	91.63	21	1293	455	94					0	0	0	270		
		C		14.98Y	124.8	0.02	1.16	89.84	20	1268	453	94					0	0	0	253		
PL.13130	PL.13129	A	4ACSR	15.10Y	125.8	0.00	0.16	0.13	0	2	1	89	0.00	0.0	2.583	0.014	0	0	0	1		
PD.1495	PL.13130	A	fuse6AMP	15.10Y	125.8	0.00	0.16	0.13	2	2	1	89	0.00	0.0	2.583	0.000	0	0	0	1		
PL.13131	PD.1495	A	4ACSR	15.10Y	125.8	0.00	0.17	0.13	0	2	1	89	0.00	0.0	2.610	0.027	0	0	0	1		
447301	PL.13131	A	Consumer	15.10Y	125.8	0.00	0.17	0.13	0	2	1	89	0.00	0.0	2.610	0.000	2	1	1	1		
PL.26539	PL.13129	A	336ACSR	15.10Y	125.8	0.02	0.18	52.73	12	752	263	94	0.65	0.0	2.690	0.120	0	0	0	157		
		B		14.95Y	124.6	0.06	1.41	91.63	21	1293	455	94					0	0	0	270		
		C		14.98Y	124.8	0.04	1.19	89.84	20	1268	452	94					0	0	0	253		
PL.26542	PL.26539	C	4ACSR	14.98Y	124.8	0.00	1.19	0.37	0	5	2	93	0.00	0.0	2.698	0.009	0	0	0	2		
PD.1491	PL.26542	C	fuse6AMP	14.98Y	124.8	0.00	1.19	0.37	6	5	2	93	0.00	0.0	2.698	0.000	0	0	0	2		
PL.26541	PD.1491	C	4ACSR	14.98Y	124.8	0.00	1.19	0.37	0	5	2	93	0.00	0.0	2.753	0.054	0	0	0	2		
447260	PL.26541	C	Consumer	14.98Y	124.8	0.00	1.19	0.31	0	4	2	89	0.00	0.0	2.753	0.000	4	2	1	1		
447242	PL.26541	C	Consumer	14.98Y	124.8	0.00	1.19	0.06	0	1	0	100	0.00	0.0	2.753	0.000	1	0	1	1		
PL.26545	PL.26539	A	336ACSR	15.10Y	125.8	0.01	0.19	52.50	12	748	262	94	0.36	0.0	2.757	0.067	0	0	0	156		
		B		14.95Y	124.6	0.03	1.44	91.63	21	1293	454	94					0	0	0	270		
		C		14.97Y	124.8	0.02	1.21	89.47	20	1262	450	94					0	0	0	251		
PL.26546	PL.26545	A	336ACSR	15.10Y	125.8	0.00	0.19	52.50	12	748	262	94	0.18	0.0	2.790	0.033	0	0	0	156		
		B		14.95Y	124.5	0.02	1.46	91.63	21	1292	453	94					0	0	0	270		
		C		14.97Y	124.8	0.01	1.22	89.47	20	1262	449	94					0	0	0	251		
PL.45926	PL.26546	C	4ACSR	14.97Y	124.8	0.00	1.22	2.78	2	39	14	94	0.00	0.0	2.800	0.010	0	0	0	8		
PD.8688	PL.45926	C	fuse6AMP	14.97Y	124.8	0.00	1.22	2.78	47	39	14	94	0.00	0.0	2.800	0.000	0	0	0	8		
PL.45927	PD.8688	C	4ACSR	14.97Y	124.8	0.00	1.22	2.78	2	39	14	94	0.00	0.0	2.811	0.012	0	0	0	8		
PL.45925	PL.45927	C	4ACSR	14.97Y	124.8	0.01	1.23	2.53	2	36	12	95	0.00	0.0	2.928	0.117	0	0	0	7		
447252	PL.45925	C	Consumer	14.97Y	124.8	0.00	1.23	0.36	0	5	2	93	0.00	0.0	2.928	0.000	5	2	1	1		
PL.20662	PL.45925	C	4ACSR	14.97Y	124.8	0.00	1.23	2.16	2	31	11	94	0.00	0.0	2.952	0.024	0	0	0	6		
PL.20663	PL.20662	C	4ACSR	14.97Y	124.8	0.00	1.23	2.16	2	31	11	94	0.00	0.0	2.999	0.047	0	0	0	6		
PL.6465	PL.20663	C	4ACSR	14.97Y	124.8	0.00	1.24	1.72	1	24	8	95	0.00	0.0	3.040	0.041	0	0	0	5		
447224	PL.6465	C	Consumer	14.97Y	124.8	0.00	1.24	0.02	0	0	0	100	0.00	0.0	3.040	0.000	0	0	1	1		
PL.26548	PL.6465	C	4ACSR	14.97Y	124.8	0.01	1.24	1.70	1	24	8	95	0.00	0.0	3.209	0.169	0	0	0	4		
PL.26549	PL.26548	C	4ACSR	14.97Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	3.388	0.180	0	0	0	1		
PL.8601	PL.26549	C	4ACSR	14.97Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	3.470	0.082	0	0	0	1		
447313	PL.8601	C	Consumer	14.97Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	3.470	0.000	0	0	1	1		
PL.24073	PL.26548	C	4ACSR	14.97Y	124.8	0.00	1.25	1.70	1	24	8	95	0.00	0.0	3.307	0.098	0	0	0	3		
447241	PL.24073	C	Consumer	14.97Y	124.8	0.00	1.25	0.88	0	12	4	95	0.00	0.0	3.307	0.000	12	4	1	1		
447234	PL.24073	C	Consumer	14.97Y	124.8	0.00	1.25	0.45	0	6	2	95	0.00	0.0	3.307	0.000	6	2	1	1		
447235	PL.24073	C	Consumer	14.97Y	124.8	0.00	1.25	0.37	0	5	2	93	0.00	0.0	3.307	0.000	5	2	1	1		
447258	PL.20663	C	Consumer	14.97Y	124.8	0.00	1.23	0.45	0	6	2	95	0.00	0.0	2.999	0.000	6	2	1	1		
447216	PL.45927	C	Consumer	14.97Y	124.8	0.00	1.22	0.25	0	4	1	97	0.00	0.0	2.811	0.000	4	1	1	1		
PL.118	PL.26546	A	336ACSR	15.10Y	125.8	0.01	0.20	52.50	12	748	262	94	0.25	0.0	2.837	0.048	0	0	0	156		
		B		14.94Y	124.5	0.02	1.48	91.63	21	1292	453	94					0	0	0	270		
		C		14.97Y	124.8	0.01	1.24	86.69	20	1223	435	94					0	0	0	243		

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.26550, PL.26551, 447251, etc.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 PL.20545, PL.26644, PD.391-A, 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. Rows include elements like PD.2743-A, PL.23247, PL.2509, 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\SUMMER\PROPOSED SUMMER 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.13308 through PL.20393.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	% KVAR	kW Loss	% Loss							
PD.334-B	PL.20393	B	Open	14.76Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	7.656	0.000	0	0	0	0
PL.1767	PL.15171	B	4ACSR	14.76Y	123.0	0.00	3.02	0.46	0	6	2	95	0.00	0.0	7.701	0.056	0	0	0	1
436701	PL.1767	B	Consumer	14.76Y	123.0	0.00	3.02	0.46	0	6	2	95	0.00	0.0	7.701	0.000	6	2	1	1
PL.20394	PL.15172	B	4ACSR	14.76Y	123.0	0.00	3.02	1.24	1	17	8	90	0.00	0.0	7.441	0.020	0	0	0	4
PD.1403	PL.20394	B	fuse6AMP	14.76Y	123.0	0.00	3.02	1.24	21	17	8	90	0.00	0.0	7.441	0.000	0	0	0	4
PL.20395	PD.1403	B	4ACSR	14.76Y	123.0	0.01	3.03	1.24	1	17	8	90	0.00	0.0	7.866	0.425	0	0	0	4
PL.17942	PL.20395	B	4ACSR	14.76Y	123.0	0.00	3.03	0.11	0	1	1	71	0.00	0.0	8.191	0.325	0	0	0	3
PL.6699	PL.17942	B	4ACSR	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	8.259	0.068	0	0	0	1
PL.6706	PL.6699	B	4ACSR	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	8.289	0.030	0	0	0	1
PL.17947	PL.6706	B	4ACSR	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	8.463	0.174	0	0	0	0
PL.17948	PL.17947	B	4ACSR	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	8.532	0.069	0	0	0	0
PL.1771	PL.17947	B	4ACSR	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	8.580	0.117	0	0	0	0
436806	PL.6706	B	Consumer	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	8.289	0.000	0	0	1	1
PL.1769	PL.17942	B	4ACSR	14.76Y	123.0	0.00	3.03	0.11	0	1	1	71	0.00	0.0	8.280	0.089	0	0	0	2
PL.1770	PL.1769	B	4ACSR	14.76Y	123.0	0.00	3.03	0.11	0	1	1	71	0.00	0.0	8.340	0.061	0	0	0	2
436714	PL.1770	B	Consumer	14.76Y	123.0	0.00	3.03	0.01	0	0	0	100	0.00	0.0	8.340	0.000	0	0	1	1
436719	PL.1770	B	Consumer	14.76Y	123.0	0.00	3.03	0.10	0	1	0	100	0.00	0.0	8.340	0.000	1	0	1	1
PL.1768	PL.20395	B	4ACSR	14.76Y	123.0	0.00	3.03	1.14	1	15	7	91	0.00	0.0	7.964	0.098	0	0	0	1
436711	PL.1768	B	Consumer	14.76Y	123.0	0.00	3.03	1.14	0	15	7	91	0.00	0.0	7.964	0.000	15	7	1	1
PL.1765	PL.15172	B	4ACSR	14.76Y	123.0	0.00	3.02	0.05	0	1	0	100	0.00	0.0	7.509	0.088	0	0	0	1
PL.1766	PL.1765	B	4ACSR	14.76Y	123.0	0.00	3.02	0.05	0	1	0	100	0.00	0.0	7.584	0.075	0	0	0	1
436704	PL.1766	B	Consumer	14.76Y	123.0	0.00	3.02	0.05	0	1	0	100	0.00	0.0	7.584	0.000	1	0	1	1
436705	PL.21501	B	Consumer	14.76Y	123.0	0.00	3.01	0.08	0	1	0	100	0.00	0.0	7.328	0.000	1	0	1	1
436712	PL.21502	B	Consumer	14.76Y	123.0	0.00	3.01	0.52	0	7	2	96	0.00	0.0	7.295	0.000	7	2	1	1
436715	PL.6702	B	Consumer	14.76Y	123.0	0.00	3.01	0.50	0	7	2	96	0.00	0.0	7.237	0.000	7	2	1	1
436706	PL.6702	B	Consumer	14.76Y	123.0	0.00	3.01	0.66	0	9	3	95	0.00	0.0	7.237	0.000	9	3	1	1
436717	PL.15173	B	Consumer	14.76Y	123.0	0.00	3.00	0.29	0	4	1	97	0.00	0.0	7.188	0.000	4	1	1	1
436707	PL.15174	B	Consumer	14.76Y	123.0	0.00	3.00	0.22	0	3	1	95	0.00	0.0	7.101	0.000	3	1	1	1
PL.20823	PL.15174	B	4ACSR	14.76Y	123.0	0.00	3.00	0.40	0	6	2	95	0.00	0.0	7.116	0.015	0	0	0	3
PD.1402	PL.20823	B	fuse6AMP	14.76Y	123.0	0.00	3.00	0.40	7	6	2	95	0.00	0.0	7.116	0.000	0	0	0	3
PL.20824	PD.1402	B	4ACSR	14.76Y	123.0	0.00	3.00	0.40	0	6	2	95	0.00	0.0	7.287	0.172	0	0	0	3
436708	PL.20824	B	Consumer	14.76Y	123.0	0.00	3.00	0.22	0	3	1	95	0.00	0.0	7.287	0.000	3	1	1	1
PL.2453	PL.20824	B	4ACSR	14.76Y	123.0	0.00	3.00	0.18	0	3	1	95	0.00	0.0	7.336	0.048	0	0	0	2
436718	PL.2453	B	Consumer	14.76Y	123.0	0.00	3.00	0.05	0	1	0	100	0.00	0.0	7.336	0.000	1	0	1	1
436709	PL.2453	B	Consumer	14.76Y	123.0	0.00	3.00	0.13	0	2	1	89	0.00	0.0	7.336	0.000	2	1	1	1
437719	PL.15176	B	Consumer	14.76Y	123.0	0.00	2.97	0.50	0	7	2	96	0.00	0.0	6.848	0.000	7	2	1	1
PL.2068	PL.15176	B	4ACSR	14.76Y	123.0	0.00	2.97	0.80	1	11	4	94	0.00	0.0	6.966	0.118	0	0	0	1
437718	PL.2068	B	Consumer	14.76Y	123.0	0.00	2.97	0.80	0	11	4	94	0.00	0.0	6.966	0.000	11	4	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	14.76Y	123.0	0.00	2.97	0.00	0	0	0	100	0.00	0.0	6.903	0.076	0	0	0	1
437724	PL.2071	B	Consumer	14.76Y	123.0	0.00	2.97	0.00	0	0	0	100	0.00	0.0	6.903	0.000	0	0	1	1
PL.2070	PL.15178	B	4ACSR	14.76Y	123.0	0.00	2.96	1.24	1	17	6	94	0.00	0.0	6.853	0.107	0	0	0	2
437725	PL.2070	B	Consumer	14.76Y	123.0	0.00	2.96	0.33	0	5	2	93	0.00	0.0	6.853	0.000	5	2	1	1
437715	PL.2070	B	Consumer	14.76Y	123.0	0.00	2.96	0.91	0	13	4	96	0.00	0.0	6.853	0.000	13	4	1	1
PL.2069	PL.15178	B	4ACSR	14.77Y	123.0	0.00	2.96	0.41	0	6	2	95	0.00	0.0	6.806	0.060	0	0	0	1
437720	PL.2069	B	Consumer	14.77Y	123.0	0.00	2.96	0.41	0	6	2	95	0.00	0.0	6.806	0.000	6	2	1	1
437721	PL.24739	B	Consumer	14.77Y	123.1	0.00	2.94	0.57	0	8	3	94	0.00	0.0	6.645	0.000	8	3	1	1
437727	PL.15179	B	Consumer	14.77Y	123.1	0.00	2.93	0.75	0	10	4	93	0.00	0.0	6.583	0.000	10	4	1	1
PL.27573	PL.15180	B	4ACSR	14.77Y	123.1	0.00	2.92	0.87	1	12	4	95	0.00	0.0	6.545	0.018	0	0	0	3
PD.1407	PL.27573	B	fuse6AMP	14.77Y	123.1	0.00	2.92	0.87	15	12	4	95	0.00	0.0	6.545	0.000	0	0	0	3
PL.27574	PD.1407	B	4ACSR	14.77Y	123.1	0.00	2.92	0.87	1	12	4	95	0.00	0.0	6.659	0.114	0	0	0	3
PL.24746	PL.27574	B	4ACSR	14.77Y	123.1	0.00	2.92	0.47	0	7	2	96	0.00	0.0	6.694	0.035	0	0	0	2
PL.24747	PL.24746	B	4ACSR	14.77Y	123.1	0.00	2.92	0.00	0	0	0	100	0.00	0.0	6.732	0.038	0	0	0	1
437729	PL.24747	B	Consumer	14.77Y	123.1	0.00	2.92	0.00	0	0	0	100	0.00	0.0	6.732	0.000	0	0	1	1
437730	PL.24746	B	Consumer	14.77Y	123.1	0.00	2.92	0.47	0	7	2	96	0.00	0.0	6.694	0.000	7	2	1	1
PL.2066	PL.27574	B	4ACSR	14.77Y	123.1	0.00	2.92	0.39	0	6	2	95	0.00	0.0	6.735	0.076	0	0	0	1
437709	PL.2066	B	Consumer	14.77Y	123.1	0.00	2.92	0.39	0	6	2	95	0.00	0.0	6.735	0.000	6	2	1	1
437722	PL.15180	B	Consumer	14.77Y	123.1	0.00	2.92	0.51	0	7	2	96	0.00	0.0	6.527	0.000	7	2	1	1
437723	PL.15181	B	Consumer	14.77Y	123.1	0.00	2.91	0.00	0	0	0	100	0.00	0.0	6.482	0.000	0	0	1	1
PL.2067	PL.15182	B	4ACSR	14.77Y	123.1	0.00	2.90	0.85	1	12	4	95	0.00	0.0	6.523	0.059	0	0	0	1
437708	PL.2067	B	Consumer	14.77Y	123.1	0.00	2.90	0.85	0	12	4	95	0.00	0.0	6.523	0.000	12	4	1	1
PL.6718	PL.27579	B	4ACSR	14.77Y	123.1	0.01	2.89	1.91	2	27	9	95	0.00	0.0	6.628	0.260	0	0	0	8
PL.6719	PL.6718	B	4ACSR	14.77Y	123.1	0.00	2.89	0.02	0	0	0	100	0.00	0.0	6.835	0.206	0	0	0	3
PL.24732	PL.6719	B	4ACSR	14.77Y	123.1	0.00	2.89	0.02	0	0	0	100	0.00	0.0	6.944	0.109	0	0	0	3
437717	PL.24732	B	Consumer	14.77Y	123.1	0.00	2.89	0.00	0	0	0	100	0.00	0.0	6.944	0.000	0	0	1	1
PL.24734	PL.24732	B	4ACSR	14.77Y	123.1	0.00	2.89	0.01	0	0	0	100	0.00	0.0	7.000	0.057	0	0	0	1
PL.24735	PL.24734	B	4ACSR	14.77Y	123.1	0.00	2.89	0.00	0	0	0	100	0.00	0.0	7.015	0.015	0	0	0	0
PL.23940	PL.24735	B	4ACSR	14.77Y	123.1	0.00	2.89	0.00	0	0	0	100	0.00	0.0	7.019	0.004	0	0	0	0
437710	PL.24734	B	Consumer	14.77Y	123.1	0.00	2.89	0.01	0	0	0	100	0.00	0.0	7.000	0.000	0	0	1	1
PL.24733	PL.24732	B	4ACSR	14.77Y	123.1	0.00	2.89	0.02	0	0	0	100	0.00	0.0	7.262	0.318	0	0	0	1
438701	PL.24733	B	Consumer	14.77Y	123.1	0.00	2.89	0.02	0	0	0	100	0.00	0.0	7.262	0.000	0	0	1	1
437809	PL.6718	B	Consumer	14.77Y	123.1	0.00	2.89	0.48	0	7	2	96	0.00	0.0	6.628	0.000	7	2	1	1
PL.23941	PL.6718	B	4ACSR	14.77Y	123.1	0.00	2.89	1.20	1	17	6	94	0.00	0.0	6.674	0.046	0	0	0	1
437801	PL.23941	B	Consumer	14.77Y	123.1	0.00	2.89	1.20	0	17	6	94	0.00	0.0	6.674	0.000	17	6	1	1
PL.27331	PL.6718	B	4ACSR	14.77Y	123.1	0.00	2.89	0.20	0	3	1	95	0.00	0.0	6.956	0.328	0	0	0	3
PL.23942	PL.27331	B	4ACSR	14.77Y	123.1	0.00	2.89	0.00	0	0	0	100	0.00	0.0	7.030	0.074	0	0	0	1
437807	PL.23942	B	Consumer	14.77Y	123.1	0.00	2.89	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\SUMMER\PROPOSED SUMMER 06-10 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.27332	PL.27331	B	4ACSR	14.77Y	123.1	0.00	2.89	0.20	0	3	1	95	0.00	0.0	7.023	0.067	0	0	0	2
437804	PL.27332	B	Consumer	14.77Y	123.1	0.00	2.89	0.00	0	0	0	100	0.00	0.0	7.023	0.000	0	0	1	1
437810	PL.27332	B	Consumer	14.77Y	123.1	0.00	2.89	0.20	0	3	1	95	0.00	0.0	7.023	0.000	3	1	1	1
PL.23939	PL.27330	B	4ACSR	14.78Y	123.2	0.00	2.82	0.15	0	2	1	89	0.00	0.0	6.247	0.087	0	0	0	1
437802	PL.23939	B	Consumer	14.78Y	123.2	0.00	2.82	0.15	0	2	1	89	0.00	0.0	6.247	0.000	2	1	1	1
437812	PL.13663	B	Consumer	14.79Y	123.3	0.00	2.73	0.04	0	1	0	100	0.00	0.0	5.874	0.000	1	0	1	1
437803	PL.13663	B	Consumer	14.79Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	5.874	0.000	0	0	0	0
437811	PL.13663	B	Consumer	14.79Y	123.3	0.00	2.73	0.08	0	1	0	100	0.00	0.0	5.874	0.000	1	0	1	1
PL.13712	PL.13715	A	4ACSR	14.98Y	124.8	0.01	1.18	10.32	9	146	51	94	0.01	0.0	5.554	0.027	0	0	0	26
PD.2445	PL.13712	A	25V4E	14.98Y	124.8	0.00	1.18	10.32	41	146	51	94	0.00	0.0	5.554	0.000	0	0	0	26
PL.13713	PD.2445	A	4ACSR	14.98Y	124.8	0.02	1.20	10.32	9	146	51	94	0.02	0.0	5.620	0.065	0	0	0	26
PL.13714	PL.13713	A	4ACSR	14.97Y	124.8	0.05	1.25	9.50	8	134	47	94	0.05	0.0	5.847	0.228	0	0	0	24
PL.13716	PL.13714	A	4ACSR	14.97Y	124.7	0.01	1.26	9.50	8	134	47	94	0.01	0.0	5.915	0.068	0	0	0	24
PL.2458	PL.13716	A	4ACSR	14.97Y	124.7	0.00	1.26	0.26	0	4	1	97	0.00	0.0	6.025	0.110	0	0	0	1
PL.2457	PL.2458	A	4ACSR	14.97Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	6.402	0.376	0	0	0	0
436803	PL.2458	A	Consumer	14.97Y	124.7	0.00	1.26	0.26	0	4	1	97	0.00	0.0	6.025	0.000	4	1	1	1
PL.13717	PL.13716	A	4ACSR	14.96Y	124.6	0.11	1.37	9.24	8	131	45	95	0.11	0.1	6.430	0.515	0	0	0	23
436930	PL.13717	A	Consumer	14.96Y	124.6	0.00	1.37	0.38	0	5	2	93	0.00	0.0	6.430	0.000	5	2	1	1
PL.27992	PL.13717	A	4ACSR	14.95Y	124.6	0.02	1.39	8.86	7	125	43	95	0.02	0.0	6.511	0.081	0	0	0	22
PL.27993	PL.27992	A	4ACSR	14.95Y	124.6	0.01	1.39	8.04	7	114	39	95	0.00	0.0	6.540	0.029	0	0	0	21
PL.2464	PL.27993	A	4ACSR	14.95Y	124.6	0.00	1.39	0.37	0	5	2	93	0.00	0.0	6.573	0.033	0	0	0	1
436935	PL.2464	A	Consumer	14.95Y	124.6	0.00	1.39	0.37	0	5	2	93	0.00	0.0	6.573	0.000	5	2	1	1
436933	PL.27993	A	Consumer	14.95Y	124.6	0.00	1.39	0.43	0	6	2	95	0.00	0.0	6.540	0.000	6	2	1	1
PL.24804	PL.27993	A	4ACSR	14.95Y	124.6	0.01	1.40	7.25	6	102	36	94	0.01	0.0	6.598	0.058	0	0	0	19
PL.6703	PL.24804	A	4ACSR	14.95Y	124.6	0.00	1.41	2.24	2	32	11	95	0.00	0.0	6.643	0.045	0	0	0	5
PL.6704	PL.6703	A	4ACSR	14.95Y	124.6	0.00	1.41	0.80	1	11	4	94	0.00	0.0	6.694	0.051	0	0	0	1
PL.24805	PL.6704	A	4ACSR	14.95Y	124.6	0.00	1.41	0.80	1	11	4	94	0.00	0.0	6.713	0.019	0	0	0	1
436934	PL.24805	A	Consumer	14.95Y	124.6	0.00	1.41	0.80	0	11	4	94	0.00	0.0	6.713	0.000	11	4	1	1
PL.24806	PL.24805	A	4ACSR	14.95Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	6.786	0.073	0	0	0	0
PL.2459	PL.24806	A	4ACSR	14.95Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	7.103	0.317	0	0	0	0
436902	PL.2459	A	Consumer	14.95Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	7.103	0.000	0	0	0	0
PL.2460	PL.2459	A	4ACSR	14.95Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	7.169	0.067	0	0	0	0
436910	PL.2460	A	Consumer	14.95Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	7.169	0.000	0	0	0	0
436931	PL.6703	A	Consumer	14.95Y	124.6	0.00	1.41	0.14	0	2	1	89	0.00	0.0	6.643	0.000	2	1	1	1
436913	PL.6703	A	Consumer	14.95Y	124.6	0.00	1.41	0.21	0	3	1	95	0.00	0.0	6.643	0.000	3	1	1	1
436914	PL.6703	A	Consumer	14.95Y	124.6	0.00	1.41	0.67	0	9	3	95	0.00	0.0	6.643	0.000	9	3	1	1
436928	PL.6703	A	Consumer	14.95Y	124.6	0.00	1.41	0.43	0	6	2	95	0.00	0.0	6.643	0.000	6	2	1	1
PL.6705	PL.24804	A	4ACSR	14.95Y	124.6	0.01	1.41	3.42	3	48	17	94	0.00	0.0	6.684	0.085	0	0	0	10

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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										
PL.13719	PL.6705	A	4ACSR	14.95Y	124.6	0.01	1.42	3.42	3	48	17	94	0.00	0.0	6.804	0.120	0	0	0	10	
PL.2461	PL.13719	A	4ACSR	14.95Y	124.6	0.00	1.42	0.42	0	6	2	95	0.00	0.0	6.875	0.071	0	0	0	1	
436921	PL.2461	A	Consumer	14.95Y	124.6	0.00	1.42	0.42	0	6	2	95	0.00	0.0	6.875	0.000	6	2	1	1	
436901	PL.13719	A	Consumer	14.95Y	124.6	0.00	1.42	0.28	0	4	1	97	0.00	0.0	6.804	0.000	4	1	1	1	
PL.13722	PL.13719	A	4ACSR	14.95Y	124.6	0.01	1.43	2.72	2	38	13	95	0.00	0.0	7.017	0.213	0	0	0	8	
PL.2462	PL.13722	A	4ACSR	14.95Y	124.6	0.00	1.43	0.55	0	8	3	94	0.00	0.0	7.150	0.133	0	0	0	1	
435801	PL.2462	A	Consumer	14.95Y	124.6	0.00	1.43	0.55	0	8	3	94	0.00	0.0	7.150	0.000	8	3	1	1	
PL.13723	PL.13722	A	4ACSR	14.95Y	124.6	0.00	1.43	2.17	2	31	11	94	0.00	0.0	7.055	0.038	0	0	0	7	
PL.13724	PL.13723	A	4ACSR	14.95Y	124.5	0.02	1.45	1.81	2	26	9	94	0.00	0.0	7.524	0.469	0	0	0	6	
435901	PL.13724	A	Consumer	14.95Y	124.5	0.00	1.45	0.29	0	4	1	97	0.00	0.0	7.524	0.000	4	1	1	1	
435916	PL.13724	A	Consumer	14.95Y	124.5	0.00	1.45	0.24	0	3	1	95	0.00	0.0	7.524	0.000	3	1	1	1	
PL.24807	PL.13724	A	4ACSR	14.95Y	124.5	0.00	1.46	1.28	1	18	6	95	0.00	0.0	7.602	0.078	0	0	0	4	
PL.19275	PL.24807	A	4ACSR	14.95Y	124.5	0.00	1.46	1.28	1	18	6	95	0.00	0.0	7.638	0.036	0	0	0	4	
435908	PL.19275	A	Consumer	14.95Y	124.5	0.00	1.46	0.29	0	4	1	97	0.00	0.0	7.638	0.000	4	1	1	1	
PL.19276	PL.19275	A	4ACSR	14.95Y	124.5	0.00	1.46	0.99	1	14	5	94	0.00	0.0	7.678	0.039	0	0	0	3	
PL.27990	PL.19276	A	4ACSR	14.94Y	124.5	0.00	1.46	0.71	1	10	3	96	0.00	0.0	7.734	0.056	0	0	0	2	
435910	PL.27990	A	Consumer	14.94Y	124.5	0.00	1.46	0.41	0	6	2	95	0.00	0.0	7.734	0.000	6	2	1	1	
PL.27991	PL.27990	A	4ACSR	14.94Y	124.5	0.00	1.46	0.30	0	4	1	97	0.00	0.0	7.770	0.036	0	0	0	1	
435911	PL.27991	A	Consumer	14.94Y	124.5	0.00	1.46	0.30	0	4	1	97	0.00	0.0	7.770	0.000	4	1	1	1	
PL.14009	PL.27991	A	4ACSR	14.94Y	124.5	0.00	1.46	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	14.94Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	7.883	0.000	0	0	0	0	
435909	PL.19276	A	Consumer	14.95Y	124.5	0.00	1.46	0.28	0	4	1	97	0.00	0.0	7.678	0.000	4	1	1	1	
435918	PL.24807	A	Consumer	14.95Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	7.602	0.000	0	0	0	0	
PL.2463	PL.13723	A	4ACSR	14.95Y	124.6	0.00	1.44	0.36	0	5	2	93	0.00	0.0	7.174	0.119	0	0	0	1	
436915	PL.2463	A	Consumer	14.95Y	124.6	0.00	1.44	0.36	0	5	2	93	0.00	0.0	7.174	0.000	5	2	1	1	
PL.13718	PL.24804	A	4ACSR	14.95Y	124.6	0.00	1.40	1.58	1	22	8	94	0.00	0.0	6.620	0.022	0	0	0	4	
436912	PL.13718	A	Consumer	14.95Y	124.6	0.00	1.40	0.66	0	9	3	95	0.00	0.0	6.620	0.000	9	3	1	1	
PL.13720	PL.13718	A	4ACSR	14.95Y	124.6	0.00	1.41	0.93	1	13	5	93	0.00	0.0	6.691	0.071	0	0	0	3	
436917	PL.13720	A	Consumer	14.95Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	6.691	0.000	0	0	0	0	
PL.33211	PL.13720	A	4ACSR	14.95Y	124.6	0.00	1.41	0.93	1	13	5	93	0.00	0.0	6.833	0.142	0	0	0	2	
PL.33212	PL.33211	A	4ACSR	14.95Y	124.6	0.00	1.41	0.57	0	8	3	94	0.00	0.0	6.900	0.067	0	0	0	1	
436906	PL.33212	A	Consumer	14.95Y	124.6	0.00	1.41	0.57	0	8	3	94	0.00	0.0	6.900	0.000	8	3	1	1	
4369038	PL.33211	A	Consumer	14.95Y	124.6	0.00	1.41	0.36	0	5	2	93	0.00	0.0	6.833	0.000	5	2	1	1	
PL.45648	PL.13720	A	2ACSR	14.95Y	124.6	-0.00	1.41	0.00	0	0	0	100	0.00	0.0	6.740	0.049	0	0	0	1	
436911	PL.45648	A	Consumer	14.95Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	6.740	0.000	0	0	1	1	
436929	PL.27992	A	Consumer	14.95Y	124.6	0.00	1.39	0.82	0	12	4	95	0.00	0.0	6.511	0.000	12	4	1	1	
PL.30332	PL.13713	A	4ACSR	14.98Y	124.8	0.00	1.20	0.82	1	12	4	95	0.00	0.0	5.701	0.082	0	0	0	2	
4378013	PL.30332	A	Consumer	14.98Y	124.8	0.00	1.20	0.81	0	11	4	94	0.00	0.0	5.701	0.000	11	4	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	KVAR	% PF	kW Loss							% Loss
PL.30333	PL.30332	A	4ACSR	14.98Y	124.8	0.00	1.20	0.02	0	0	0	100	0.00	0.0	5.757	0.055	0	0	0	1
437806	PL.30333	A	Consumer	14.98Y	124.8	0.00	1.20	0.02	0	0	0	100	0.00	0.0	5.757	0.000	0	0	1	1
437808	PL.13312	B	Consumer	14.81Y	123.4	0.00	2.59	0.26	0	4	1	97	0.00	0.0	5.350	0.000	4	1	1	1
437902	PL.13308	B	Consumer	14.82Y	123.5	0.00	2.52	0.23	0	3	1	95	0.00	0.0	5.088	0.000	3	1	1	1
PL.13309	PL.13307	A	4ACSR	14.99Y	125.0	0.00	1.05	0.09	0	1	0	100	0.00	0.0	5.046	0.009	0	0	0	1
PD.1416	PL.13309	A	fuse6AMP	14.99Y	125.0	0.00	1.05	0.09	2	1	0	100	0.00	0.0	5.046	0.000	0	0	0	1
PL.13310	PD.1416	A	4ACSR	14.99Y	125.0	0.00	1.05	0.09	0	1	0	100	0.00	0.0	5.086	0.040	0	0	0	1
437903	PL.13310	A	Consumer	14.99Y	125.0	0.00	1.05	0.09	0	1	0	100	0.00	0.0	5.086	0.000	1	0	1	1
437942	PL.13310	A	Consumer	14.99Y	125.0	0.00	1.05	0.00	0	0	0	100	0.00	0.0	5.086	0.000	0	0	0	0
437910	PL.20149	B	Consumer	14.83Y	123.6	0.00	2.45	0.24	0	3	1	95	0.00	0.0	4.802	0.000	3	1	1	1
437955	PL.20149	B	Consumer	14.83Y	123.6	0.00	2.45	0.00	0	0	0	100	0.00	0.0	4.802	0.000	0	0	1	1
437908	PL.20149	B	Consumer	14.83Y	123.6	0.00	2.45	0.28	0	4	1	97	0.00	0.0	4.802	0.000	4	1	1	1
437909	PL.20149	B	Consumer	14.83Y	123.6	0.00	2.45	0.42	0	6	2	95	0.00	0.0	4.802	0.000	6	2	1	1
437926	PL.20149	B	Consumer	14.83Y	123.6	0.00	2.45	0.23	0	3	1	95	0.00	0.0	4.802	0.000	3	1	1	1
437929	PL.20149	B	Consumer	14.83Y	123.6	0.00	2.45	0.25	0	3	1	95	0.00	0.0	4.802	0.000	3	1	1	1
437907	PL.20149	B	Consumer	14.83Y	123.6	0.00	2.45	0.64	0	9	3	95	0.00	0.0	4.802	0.000	9	3	1	1
437950	PL.20148	B	Consumer	14.83Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	4.751	0.000	0	0	0	0
437927	PL.20148	B	Consumer	14.83Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	4.751	0.000	0	0	0	0
PL.14007	PL.14005	A	4ACSR	15.01Y	125.1	0.00	0.88	0.90	1	13	4	96	0.00	0.0	4.490	0.018	0	0	0	2
PD.1414	PL.14007	A	fuse6AMP	15.01Y	125.1	0.00	0.88	0.90	15	13	4	96	0.00	0.0	4.490	0.000	0	0	0	2
PL.14008	PD.1414	A	4ACSR	15.01Y	125.1	0.00	0.88	0.90	1	13	4	96	0.00	0.0	4.541	0.051	0	0	0	2
PL.31887	PL.14008	A	4ACSR	15.01Y	125.1	0.00	0.88	0.49	0	7	2	96	0.00	0.0	4.672	0.131	0	0	0	1
4379057	PL.31887	A	Consumer	15.01Y	125.1	0.00	0.88	0.49	0	7	2	96	0.00	0.0	4.672	0.000	7	2	1	1
PL.23538	PL.14008	A	4ACSR	15.01Y	125.1	0.00	0.88	0.40	0	6	2	95	0.00	0.0	4.580	0.040	0	0	0	1
437915	PL.23538	A	Consumer	15.01Y	125.1	0.00	0.88	0.40	0	6	2	95	0.00	0.0	4.580	0.000	6	2	1	1
437917	PL.6720	B	Consumer	14.84Y	123.7	0.00	2.31	0.01	0	0	0	100	0.00	0.0	4.369	0.000	0	0	1	1
437918	PL.6720	B	Consumer	14.84Y	123.7	0.00	2.31	0.87	0	12	4	95	0.00	0.0	4.369	0.000	12	4	1	1
437951	PL.6720	B	Consumer	14.84Y	123.7	0.00	2.31	0.33	0	5	2	93	0.00	0.0	4.369	0.000	5	2	1	1
PL.23244	PL.23247	A	4ACSR	15.02Y	125.2	0.02	0.82	9.27	8	132	46	94	0.02	0.0	4.352	0.091	0	0	0	30
PD.3514	PL.23244	A	25V4E	15.02Y	125.2	0.00	0.82	9.27	37	131	46	94	0.00	0.0	4.352	0.000	0	0	0	30
PL.23245	PD.3514	A	4ACSR	15.02Y	125.2	0.00	0.83	9.27	8	131	46	94	0.00	0.0	4.372	0.020	0	0	0	30
C PD.989	PL.23245	A	fuse10AMP	15.02Y	125.2	0.00	0.83	9.27	97	131	46	94	0.00	0.0	4.372	0.000	0	0	0	30 C
PL.14004	PD.989	A	4ACSR	15.02Y	125.2	0.01	0.83	9.27	8	131	46	94	0.01	0.0	4.398	0.026	0	0	0	30
437919	PL.14004	A	Consumer	15.02Y	125.2	0.00	0.83	0.16	0	2	1	89	0.00	0.0	4.398	0.000	2	1	1	1
PL.6721	PL.14004	A	4ACSR	15.02Y	125.1	0.02	0.86	9.11	8	129	45	94	0.02	0.0	4.509	0.111	0	0	0	29
PL.13771	PL.6721	A	4ACSR	15.02Y	125.1	0.02	0.87	9.07	8	129	45	94	0.02	0.0	4.598	0.089	0	0	0	28
PL.32990	PL.13771	A	4ACSR	15.01Y	125.1	0.00	0.88	0.63	1	9	3	95	0.00	0.0	4.603	0.005	0	0	0	5
PD.3940	PL.32990	A	fuse6AMP	15.01Y	125.1	0.00	0.88	0.63	11	9	3	95	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\SUMMER\PROPOSED SUMMER 06-10 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.32991	PD.3940	A	4ACSR	15.01Y	125.1	0.00	0.88	0.63	1	9	3	95	0.00	0.0	4.634	0.030	0	0	0	5		
PL.13774	PL.32991	A	4ACSR	15.01Y	125.1	0.00	0.88	0.63	1	9	3	95	0.00	0.0	4.843	0.209	0	0	0	5		
PL.2511	PL.13774	A	4ACSR	15.01Y	125.1	0.00	0.88	0.01	0	0	0	100	0.00	0.0	4.899	0.056	0	0	0	3		
PL.1772	PL.2511	A	4ACSR	15.01Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	4.899	0.001	0	0	0	0		
PL.1773	PL.2511	A	4ACSR	15.01Y	125.1	0.00	0.88	0.01	0	0	0	100	0.00	0.0	4.972	0.073	0	0	0	2		
436919	PL.1773	A	Consumer	15.01Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	4.972	0.000	0	0	1	1		
436918	PL.1773	A	Consumer	15.01Y	125.1	0.00	0.88	0.01	0	0	0	100	0.00	0.0	4.972	0.000	0	0	1	1		
436927	PL.2511	A	Consumer	15.01Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	4.899	0.000	0	0	1	1		
437943	PL.13774	A	Consumer	15.01Y	125.1	0.00	0.88	0.06	0	1	0	100	0.00	0.0	4.843	0.000	1	0	1	1		
437912	PL.13774	A	Consumer	15.01Y	125.1	0.00	0.88	0.56	0	8	3	94	0.00	0.0	4.843	0.000	8	3	1	1		
PL.13772	PL.13771	A	4ACSR	15.01Y	125.1	0.02	0.89	7.78	7	110	38	95	0.01	0.0	4.698	0.100	0	0	0	22		
PL.2510	PL.13772	A	4ACSR	15.01Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	4.698	0.000	0	0	0	0		
PL.116	PL.13772	A	4ACSR	15.01Y	125.1	0.05	0.94	7.78	7	110	38	95	0.04	0.0	4.980	0.282	0	0	0	22		
PL.15540	PL.116	A	4ACSR	15.01Y	125.1	0.01	0.95	7.78	7	110	38	95	0.00	0.0	5.013	0.032	0	0	0	22		
446204	PL.15540	A	Consumer	15.01Y	125.1	0.00	0.95	0.05	0	1	0	100	0.00	0.0	5.013	0.000	1	0	1	1		
PL.2744	PL.15540	A	4ACSR	15.01Y	125.1	0.00	0.95	7.09	6	100	35	94	0.00	0.0	5.013	0.001	0	0	0	19		
PL.14517	PL.2744	A	4ACSR	15.01Y	125.0	0.01	0.96	7.09	6	100	35	94	0.00	0.0	5.055	0.041	0	0	0	19		
PL.13769	PL.14517	A	4ACSR	15.01Y	125.0	0.00	0.96	7.09	6	100	35	94	0.00	0.0	5.060	0.006	0	0	0	19		
PD.383-A	PL.13769	A	Closed	15.01Y	125.0	0.00	0.96	7.09	0	100	35	94	0.00	0.0	5.060	0.000	0	0	0	19		
PD.383-B	PD.383-A	A	Closed	15.01Y	125.0	0.00	0.96	7.09	0	100	35	94	0.00	0.0	5.060	0.000	0	0	0	19		
PL.13770	PD.383-B	A	4ACSR	15.00Y	125.0	0.04	0.99	7.09	6	100	35	94	0.03	0.0	5.292	0.232	0	0	0	19		
PL.13768	PL.13770	A	4ACSR	15.00Y	125.0	0.02	1.02	7.08	6	100	35	94	0.02	0.0	5.440	0.148	0	0	0	17		
PL.26624	PL.13768	A	4ACSR	15.00Y	125.0	0.00	1.02	6.62	6	94	33	94	0.00	0.0	5.440	0.000	0	0	0	15		
PL.26623	PL.26624	A	4ACSR	15.00Y	125.0	0.02	1.04	5.47	5	77	27	94	0.01	0.0	5.620	0.180	0	0	0	13		
PL.14120	PL.26623	A	4ACSR	15.00Y	125.0	0.00	1.04	4.94	4	70	24	95	0.00	0.0	5.635	0.016	0	0	0	11		
PL.14116	PL.14120	A	4ACSR	14.99Y	124.9	0.02	1.07	4.94	4	70	24	95	0.01	0.0	5.856	0.221	0	0	0	11		
PL.14119	PL.14116	A	4ACSR	14.99Y	124.9	0.00	1.07	1.66	1	23	8	94	0.00	0.0	5.862	0.006	0	0	0	2		
PD.1406	PL.14119	A	fuse6AMP	14.99Y	124.9	0.00	1.07	1.66	28	23	8	94	0.00	0.0	5.862	0.000	0	0	0	2		
PL.14118	PD.1406	A	4ACSR	14.99Y	124.9	0.00	1.07	1.66	1	23	8	94	0.00	0.0	5.869	0.007	0	0	0	2		
436908	PL.14118	A	Consumer	14.99Y	124.9	0.00	1.07	0.55	0	8	3	94	0.00	0.0	5.869	0.000	8	3	1	1		
PL.2465	PL.14118	A	4ACSR	14.99Y	124.9	0.00	1.07	1.11	1	16	5	95	0.00	0.0	5.917	0.048	0	0	0	1		
436936	PL.2465	A	Consumer	14.99Y	124.9	0.00	1.07	1.11	0	16	5	95	0.00	0.0	5.917	0.000	16	5	1	1		
PL.14117	PL.14116	A	4ACSR	14.99Y	124.9	0.00	1.07	3.28	3	46	16	94	0.00	0.0	5.907	0.051	0	0	0	9		
PL.14114	PL.14117	A	4ACSR	14.99Y	124.9	0.01	1.08	2.61	2	37	13	94	0.00	0.0	6.051	0.144	0	0	0	8		
436907	PL.14114	A	Consumer	14.99Y	124.9	0.00	1.08	0.47	0	7	2	96	0.00	0.0	6.051	0.000	7	2	1	1		
436932	PL.14114	A	Consumer	14.99Y	124.9	0.00	1.08	0.43	0	6	2	95	0.00	0.0	6.051	0.000	6	2	1	1		
436925	PL.14114	A	Consumer	14.99Y	124.9	0.00	1.08	0.06	0	1	0	100	0.00	0.0	6.051	0.000	1	0	1	1		
436924	PL.14114	A	Consumer	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	6.051	0.000	0	0	0	0		

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.14115	PL.14114	A	4ACSR	14.99Y	124.9	0.01	1.08	1.65	1	23	8	94	0.00	0.0	6.205	0.154	0	0	0	5
435917	PL.14115	A	Consumer	14.99Y	124.9	0.00	1.08	0.25	0	4	1	97	0.00	0.0	6.205	0.000	4	1	1	1
PL.14113	PL.14115	A	4ACSR	14.99Y	124.9	0.01	1.09	1.39	1	20	7	94	0.00	0.0	6.443	0.239	0	0	0	3
PL.24803	PL.14113	A	4ACSR	14.99Y	124.9	0.00	1.09	0.00	0	0	0	100	0.00	0.0	6.527	0.084	0	0	0	0
PL.2455	PL.14113	A	4ACSR	14.99Y	124.9	0.00	1.09	1.25	1	18	6	95	0.00	0.0	6.482	0.039	0	0	0	2
PL.2456	PL.2455	A	4ACSR	14.99Y	124.9	0.00	1.09	1.25	1	18	6	95	0.00	0.0	6.526	0.044	0	0	0	2
PL.14010	PL.2456	A	4ACSR	14.99Y	124.9	0.00	1.09	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	14.99Y	124.9	0.00	1.09	0.00	0	0	0	100	0.00	0.0	6.532	0.000	0	0	0	0
435907	PL.2456	A	Consumer	14.99Y	124.9	0.00	1.09	0.00	0	0	0	100	0.00	0.0	6.526	0.000	0	0	0	0
435912	PL.2456	A	Consumer	14.99Y	124.9	0.00	1.09	0.54	0	8	3	94	0.00	0.0	6.526	0.000	8	3	1	1
435906	PL.2456	A	Consumer	14.99Y	124.9	0.00	1.09	0.71	0	10	3	96	0.00	0.0	6.526	0.000	10	3	1	1
435905	PL.14113	A	Consumer	14.99Y	124.9	0.00	1.09	0.14	0	2	1	89	0.00	0.0	6.443	0.000	2	1	1	1
PL.45666	PL.14115	A	4ACSR	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	6.302	0.098	0	0	0	1
PL.45667	PL.45666	A	4ACSR	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	6.558	0.255	0	0	0	1
435904	PL.45667	A	Consumer	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	6.558	0.000	0	0	1	1
PL.45665	PL.45666	A	2ACSR	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	6.340	0.038	0	0	0	0
4359022	PL.45665	A	Consumer	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	6.340	0.000	0	0	0	0
PL.2057	PL.14117	A	4ACSR	14.99Y	124.9	0.00	1.07	0.67	1	9	3	95	0.00	0.0	6.063	0.156	0	0	0	1
436937	PL.2057	A	Consumer	14.99Y	124.9	0.00	1.07	0.67	0	9	3	95	0.00	0.0	6.063	0.000	9	3	1	1
PL.2466	PL.14117	A	4ACSR	14.99Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	5.937	0.030	0	0	0	0
PL.1774	PL.2466	A	4ACSR	14.99Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	5.984	0.047	0	0	0	0
436916	PL.1774	A	Consumer	14.99Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	5.984	0.000	0	0	0	0
436920	PL.2466	A	Consumer	14.99Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	5.937	0.000	0	0	0	0
PL.26622	PL.26623	A	4ACSR	15.00Y	125.0	0.00	1.04	0.53	0	8	3	94	0.00	0.0	5.643	0.023	0	0	0	2
PD.1460	PL.26622	A	fuse6AMP	15.00Y	125.0	0.00	1.04	0.53	9	8	3	94	0.00	0.0	5.643	0.000	0	0	0	2
PL.26621	PD.1460	A	4ACSR	15.00Y	125.0	0.00	1.04	0.53	0	8	3	94	0.00	0.0	5.682	0.038	0	0	0	2
446201	PL.26621	A	Consumer	15.00Y	125.0	0.00	1.04	0.50	0	7	2	96	0.00	0.0	5.682	0.000	7	2	1	1
446207	PL.26621	A	Consumer	15.00Y	125.0	0.00	1.04	0.03	0	0	0	100	0.00	0.0	5.682	0.000	0	0	1	1
PL.13766	PL.26624	A	4ACSR	15.00Y	125.0	0.00	1.02	1.15	1	16	6	94	0.00	0.0	5.455	0.015	0	0	0	2
PD.1458	PL.13766	A	fuse6AMP	15.00Y	125.0	0.00	1.02	1.15	20	16	6	94	0.00	0.0	5.455	0.000	0	0	0	2
PL.13767	PD.1458	A	4ACSR	15.00Y	125.0	0.00	1.02	1.15	1	16	6	94	0.00	0.0	5.525	0.071	0	0	0	2
PL.2745	PL.13767	A	4ACSR	15.00Y	125.0	0.00	1.02	0.54	0	8	3	94	0.00	0.0	5.587	0.061	0	0	0	1
446217	PL.2745	A	Consumer	15.00Y	125.0	0.00	1.02	0.54	0	8	3	94	0.00	0.0	5.587	0.000	8	3	1	1
PL.26625	PL.13767	A	4ACSR	15.00Y	125.0	0.00	1.02	0.61	1	9	3	95	0.00	0.0	5.592	0.067	0	0	0	1
446208	PL.26625	A	Consumer	15.00Y	125.0	0.00	1.02	0.61	0	9	3	95	0.00	0.0	5.592	0.000	9	3	1	1
446202	PL.13768	A	Consumer	15.00Y	125.0	0.00	1.02	0.46	0	7	2	96	0.00	0.0	5.440	0.000	7	2	1	1
PL.13764	PL.13768	A	4ACSR	15.00Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	5.456	0.017	0	0	0	1
PD.1459	PL.13764	A	fuse6AMP	15.00Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	5.456	0.000	0	0	0	1

Unbalanced Voltage Drop Report
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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	% PF	kW Loss			% Loss	KW			KVAR
PL.13765	PD.1459	A	4ACSR	15.00Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	5.484	0.027	0	0	0	1
446216	PL.13765	A	Consumer	15.00Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	5.484	0.000	0	0	1	1
PL.24757	PL.13765	A	4ACSR	15.00Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	5.535	0.051	0	0	0	0
PL.45506	PL.13770	A	4ACSR	15.00Y	125.0	0.00	0.99	0.01	0	0	0	100	0.00	0.0	5.317	0.025	0	0	0	2
PD.8659	PL.45506	A	fuse6AMP	15.00Y	125.0	0.00	0.99	0.01	0	0	0	100	0.00	0.0	5.317	0.000	0	0	0	2
PL.45507	PD.8659	A	4ACSR	15.00Y	125.0	0.00	0.99	0.01	0	0	0	100	0.00	0.0	5.538	0.221	0	0	0	2
446205	PL.45507	A	Consumer	15.00Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	5.538	0.000	0	0	0	0
PL.2723	PL.45507	A	4ACSR	15.00Y	125.0	0.00	0.99	0.01	0	0	0	100	0.00	0.0	5.628	0.091	0	0	0	2
PL.24754	PL.2723	A	4ACSR	15.00Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	5.702	0.073	0	0	0	0
PL.24755	PL.24754	A	4ACSR	15.00Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	5.702	0.000	0	0	0	0
PL.2725	PL.2723	A	4ACSR	15.00Y	125.0	0.00	0.99	0.01	0	0	0	100	0.00	0.0	5.713	0.085	0	0	0	1
446209	PL.2725	A	Consumer	15.00Y	125.0	0.00	0.99	0.01	0	0	0	100	0.00	0.0	5.713	0.000	0	0	1	1
PL.2724	PL.2723	A	4ACSR	15.00Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	5.752	0.124	0	0	0	1
PL.24758	PL.2724	A	4ACSR	15.00Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	5.905	0.153	0	0	0	1
PL.24759	PL.24758	A	4ACSR	15.00Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	6.073	0.167	0	0	0	1
446210	PL.24759	A	Consumer	15.00Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	6.073	0.000	0	0	1	1
PL.6458	PL.15540	A	4ACSR	15.01Y	125.1	0.00	0.95	0.64	1	9	3	95	0.00	0.0	5.090	0.077	0	0	0	2
PL.19470	PL.6458	A	4ACSR	15.01Y	125.0	0.00	0.95	0.37	0	5	2	93	0.00	0.0	5.154	0.064	0	0	0	1
447232	PL.19470	A	Consumer	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	5.154	0.000	0	0	0	0
447243	PL.19470	A	Consumer	15.01Y	125.0	0.00	0.95	0.37	0	5	2	93	0.00	0.0	5.154	0.000	5	2	1	1
PL.19471	PL.19470	A	4ACSR	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	5.276	0.122	0	0	0	0
PL.2767	PL.19471	A	4ACSR	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	5.312	0.035	0	0	0	0
PL.2766	PL.2767	A	4ACSR	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	5.356	0.044	0	0	0	0
447245	PL.6458	A	Consumer	15.01Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	5.090	0.000	0	0	0	0
447240	PL.6458	A	Consumer	15.01Y	125.1	0.00	0.95	0.27	0	4	1	97	0.00	0.0	5.090	0.000	4	1	1	1
PL.31888	PL.13771	A	4ACSR	15.01Y	125.1	0.00	0.88	0.66	1	9	3	95	0.00	0.0	4.720	0.121	0	0	0	1
4379056	PL.31888	A	Consumer	15.01Y	125.1	0.00	0.88	0.66	0	9	3	95	0.00	0.0	4.720	0.000	9	3	1	1
437931	PL.6721	A	Consumer	15.02Y	125.1	0.00	0.86	0.03	0	0	0	100	0.00	0.0	4.509	0.000	0	0	1	1
437922	PL.14015	C	Consumer	14.92Y	124.3	0.00	1.66	0.38	0	5	2	93	0.00	0.0	4.035	0.000	5	2	1	1
437954	PL.14015	C	Consumer	14.92Y	124.3	0.00	1.66	0.12	0	2	1	89	0.00	0.0	4.035	0.000	2	1	1	1
PL.13294	PL.14011	B	4ACSR	14.86Y	123.8	0.00	2.18	0.71	1	10	3	96	0.00	0.0	3.977	0.010	0	0	0	3
PD.1413	PL.13294	B	fuse6AMP	14.86Y	123.8	0.00	2.18	0.71	12	10	3	96	0.00	0.0	3.977	0.000	0	0	0	3
PL.13295	PD.1413	B	4ACSR	14.86Y	123.8	0.00	2.18	0.71	1	10	3	96	0.00	0.0	4.094	0.117	0	0	0	3
437948	PL.13295	B	Consumer	14.86Y	123.8	0.00	2.18	0.53	0	7	3	92	0.00	0.0	4.094	0.000	7	3	1	1
PL.45903	PL.13295	B	2ACSR	14.86Y	123.8	0.00	2.18	0.18	0	2	1	89	0.00	0.0	4.132	0.038	0	0	0	2
PL.45904	PL.45903	B	2ACSR	14.86Y	123.8	0.00	2.18	0.18	0	2	1	89	0.00	0.0	4.167	0.034	0	0	0	2
PL.45902	PL.45904	B	4ACSR	14.86Y	123.8	0.00	2.18	0.15	0	2	1	89	0.00	0.0	4.192	0.025	0	0	0	1
PL.2671	PL.45902	B	4ACSR	14.86Y	123.8	0.00	2.18	0.15	0	2	1	89	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\SUMMER\PROPOSED SUMMER 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 437947, 437953, PL.13299, etc.

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Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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						
438826	PL.2667	B	Consumer	14.83Y	123.6	0.00	2.45	0.63	0	9	3	95	0.00	0.0	5.490	0.000	9	3	1	1
PL.2680	PL.2521	B	4ACSR	14.83Y	123.6	0.00	2.44	0.58	0	8	3	94	0.00	0.0	5.391	0.034	0	0	0	2
438843	PL.2680	B	Consumer	14.83Y	123.6	0.00	2.44	0.56	0	8	3	94	0.00	0.0	5.391	0.000	8	3	1	1
438864	PL.2680	B	Consumer	14.83Y	123.6	0.00	2.44	0.02	0	0	0	100	0.00	0.0	5.391	0.000	0	0	1	1
PL.14159	PL.27655	A	1/0ACSR	15.05Y	125.4	-0.00	0.62	7.72	4	110	38	95	0.06	0.0	5.258	0.076	0	0	0	19
		B		14.83Y	123.6	0.01	2.45	9.54	5	134	45	95					0	0	0	28
		C		14.88Y	124.0	0.02	1.99	26.10	13	367	128	94					0	0	0	75
PL.14162	PL.14159	B	4ACSR	14.83Y	123.6	0.00	2.45	0.62	1	9	3	95	0.00	0.0	5.267	0.010	0	0	0	4
PD.998	PL.14162	B	fuse6AMP	14.83Y	123.6	0.00	2.45	0.62	11	9	3	95	0.00	0.0	5.267	0.000	0	0	0	4
PL.14163	PD.998	B	4ACSR	14.83Y	123.6	0.00	2.45	0.62	1	9	3	95	0.00	0.0	5.335	0.068	0	0	0	4
438901	PL.14163	B	Consumer	14.83Y	123.6	0.00	2.45	0.27	0	4	1	97	0.00	0.0	5.335	0.000	4	1	1	1
438926	PL.14163	B	Consumer	14.83Y	123.6	0.00	2.45	0.34	0	5	2	93	0.00	0.0	5.335	0.000	5	2	1	1
438932	PL.14163	B	Consumer	14.83Y	123.6	0.00	2.45	0.00	0	0	0	100	0.00	0.0	5.335	0.000	0	0	1	1
PL.2519	PL.14163	B	4ACSR	14.83Y	123.6	0.00	2.45	0.00	0	0	0	100	0.00	0.0	5.500	0.165	0	0	0	1
PL.2673	PL.2519	B	4ACSR	14.83Y	123.6	0.00	2.45	0.00	0	0	0	100	0.00	0.0	5.558	0.058	0	0	0	1
438931	PL.2673	B	Consumer	14.83Y	123.6	0.00	2.45	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	15.05Y	125.4	-0.00	0.62	7.72	4	110	38	95	0.08	0.0	5.364	0.106	0	0	0	19
		B		14.82Y	123.5	0.01	2.46	8.61	4	121	40	95					0	0	0	23
		C		14.88Y	124.0	0.03	2.02	26.10	13	367	128	94					0	0	0	75
PL.14165	PL.14164	A	1/0ACSR	15.05Y	125.4	-0.00	0.62	7.72	4	110	38	95	0.04	0.0	5.413	0.049	0	0	0	19
		B		14.82Y	123.5	0.00	2.46	7.56	4	106	36	95					0	0	0	20
		C		14.88Y	124.0	0.01	2.04	26.10	13	367	128	94					0	0	0	75
438812	PL.14165	B	Consumer	14.82Y	123.5	0.00	2.46	0.74	0	10	4	93	0.00	0.0	5.413	0.000	10	4	1	1
PL.6716	PL.14165	A	1/0ACSR	15.05Y	125.4	-0.00	0.62	7.72	4	110	38	95	0.03	0.0	5.454	0.041	0	0	0	19
		B		14.82Y	123.5	0.00	2.47	6.82	3	96	32	95					0	0	0	19
		C		14.87Y	124.0	0.01	2.05	26.10	13	367	128	94					0	0	0	75
PL.14731	PL.6716	B	4ACSR	14.82Y	123.5	0.00	2.47	1.00	1	14	5	94	0.00	0.0	5.464	0.010	0	0	0	1
PD.1000	PL.14731	B	fuse6AMP	14.82Y	123.5	0.00	2.47	1.00	17	14	5	94	0.00	0.0	5.464	0.000	0	0	0	1
PL.14732	PD.1000	B	4ACSR	14.82Y	123.5	0.00	2.47	1.00	1	14	5	94	0.00	0.0	5.533	0.069	0	0	0	1
438815	PL.14732	B	Consumer	14.82Y	123.5	0.00	2.47	1.00	0	14	5	94	0.00	0.0	5.533	0.000	14	5	1	1
PL.14733	PL.6716	A	1/0ACSR	15.05Y	125.4	-0.00	0.62	7.72	4	110	38	95	0.06	0.0	5.530	0.076	0	0	0	19
		B		14.82Y	123.5	0.01	2.47	5.82	3	82	28	95					0	0	0	18
		C		14.87Y	123.9	0.02	2.07	26.10	13	367	128	94					0	0	0	75
PL.14586	PL.14733	A	1/0ACSR	15.05Y	125.4	-0.00	0.61	7.72	4	110	38	95	0.06	0.0	5.616	0.086	0	0	0	19
		B		14.82Y	123.5	0.01	2.48	4.95	2	70	23	95					0	0	0	15
		C		14.87Y	123.9	0.03	2.10	26.10	13	366	128	94					0	0	0	75
PL.14587	PL.14586	B	4ACSR	14.82Y	123.5	0.00	2.48	1.28	1	18	6	95	0.00	0.0	5.632	0.016	0	0	0	2
PD.1002	PL.14587	B	fuse6AMP	14.82Y	123.5	0.00	2.48	1.28	22	18	6	95	0.00	0.0	5.632	0.000	0	0	0	2
PL.14588	PD.1002	B	4ACSR	14.82Y	123.5	0.00	2.48	1.28	1	18	6	95	0.00	0.0	5.691	0.059	0	0	0	2
438821	PL.14588	B	Consumer	14.82Y	123.5	0.00	2.48	0.40	0	6	2	95	0.00	0.0	5.691	0.000	6	2	1	1
438823	PL.14588	B	Consumer	14.82Y	123.5	0.00	2.48	0.88	0	12	4	95	0.00	0.0	5.691	0.000	12	4	1	1
438825	PL.14586	B	Consumer	14.82Y	123.5	0.00	2.48	0.37	0	5	2	93	0.00	0.0	5.616	0.000	5	2	1	1
438859	PL.14586	B	Consumer	14.82Y	123.5	0.00	2.48	0.00	0	0	0	100	0.00	0.0	5.616	0.000	0	0	1	1
438860	438859	B	Consumer	14.82Y	123.5	0.00	2.48	0.00	0	0	0	100	0.00	0.0	5.616	0.000	0	0	0	0

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, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, Element KVAR, Cons On, Cons Thru. Includes data for various elements like 438858, PL.14590, PD.2651, etc.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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.13082	PL.13081	A	4ACSR	15.03Y	125.3	0.01	0.75	3.58	3	51	18	94	0.00	0.0	7.027	0.096	0	0	0	9
PL.13083	PL.13082	A	4ACSR	15.03Y	125.2	0.01	0.75	2.67	2	38	13	95	0.00	0.0	7.151	0.124	0	0	0	6
PL.1113	PL.13083	A	4ACSR	15.03Y	125.2	0.00	0.75	0.12	0	2	1	89	0.00	0.0	7.240	0.089	0	0	0	1
010806	PL.1113	A	Consumer	15.03Y	125.2	0.00	0.75	0.12	0	2	1	89	0.00	0.0	7.240	0.000	2	1	1	1
PL.13084	PL.13083	A	4ACSR	15.03Y	125.2	0.00	0.76	2.55	2	36	13	94	0.00	0.0	7.199	0.049	0	0	0	5
PL.19322	PL.13084	A	4ACSR	15.03Y	125.2	0.00	0.76	2.00	2	28	10	94	0.00	0.0	7.266	0.066	0	0	0	4
PL.19323	PL.19322	A	4ACSR	15.03Y	125.2	0.00	0.76	1.57	1	22	8	94	0.00	0.0	7.324	0.059	0	0	0	3
010807	PL.19323	A	Consumer	15.03Y	125.2	0.00	0.76	0.64	0	9	3	95	0.00	0.0	7.324	0.000	9	3	1	1
PL.13085	PL.19323	A	4ACSR	15.03Y	125.2	0.00	0.76	0.93	1	13	5	93	0.00	0.0	7.366	0.041	0	0	0	2
0108018	PL.13085	A	Consumer	15.03Y	125.2	0.00	0.76	0.08	0	1	0	100	0.00	0.0	7.366	0.000	1	0	1	1
010808	PL.13085	A	Consumer	15.03Y	125.2	0.00	0.76	0.86	0	12	4	95	0.00	0.0	7.366	0.000	12	4	1	1
010811	PL.19322	A	Consumer	15.03Y	125.2	0.00	0.76	0.43	0	6	2	95	0.00	0.0	7.266	0.000	6	2	1	1
010803	PL.13084	A	Consumer	15.03Y	125.2	0.00	0.76	0.55	0	8	3	94	0.00	0.0	7.199	0.000	8	3	1	1
PL.590	PL.13082	A	4ACSR	15.03Y	125.3	0.00	0.75	0.91	1	13	5	93	0.00	0.0	7.204	0.177	0	0	0	3
010802	PL.590	A	Consumer	15.03Y	125.3	0.00	0.75	0.57	0	8	3	94	0.00	0.0	7.204	0.000	8	3	1	1
PL.1115	PL.590	A	4ACSR	15.03Y	125.3	0.00	0.75	0.05	0	1	0	100	0.00	0.0	7.249	0.045	0	0	0	1
010815	PL.1115	A	Consumer	15.03Y	125.3	0.00	0.75	0.05	0	1	0	100	0.00	0.0	7.249	0.000	1	0	1	1
PL.1117	PL.590	A	4ACSR	15.03Y	125.2	0.00	0.75	0.29	0	4	1	97	0.00	0.0	7.384	0.180	0	0	0	1
010816	PL.1117	A	Consumer	15.03Y	125.2	0.00	0.75	0.29	0	4	1	97	0.00	0.0	7.384	0.000	4	1	1	1
010817	PL.13080	A	Consumer	15.03Y	125.3	0.00	0.73	0.31	0	4	2	89	0.00	0.0	6.874	0.000	4	2	1	1
PL.27796	PL.14413	A	4ACSR	15.04Y	125.3	0.00	0.67	0.84	1	12	4	95	0.00	0.0	6.403	0.046	0	0	0	3
PL.27797	PL.27796	A	4ACSR	15.04Y	125.3	0.00	0.68	0.73	1	10	4	93	0.00	0.0	6.456	0.053	0	0	0	2
PL.24283	PL.27797	A	4ACSR	15.04Y	125.3	0.00	0.68	0.53	0	7	3	92	0.00	0.0	6.538	0.082	0	0	0	1
439801	PL.24283	A	Consumer	15.04Y	125.3	0.00	0.68	0.53	0	7	3	92	0.00	0.0	6.538	0.000	7	3	1	1
439804	PL.27797	A	Consumer	15.04Y	125.3	0.00	0.68	0.20	0	3	1	95	0.00	0.0	6.456	0.000	3	1	1	1
439806	PL.27796	A	Consumer	15.04Y	125.3	0.00	0.67	0.11	0	2	1	89	0.00	0.0	6.403	0.000	2	1	1	1
PL.2675	PL.14413	A	4ACSR	15.04Y	125.3	0.00	0.67	0.00	0	0	0	100	0.00	0.0	6.580	0.223	0	0	0	0
438803	PL.6707	A	Consumer	15.04Y	125.4	0.00	0.64	0.38	0	5	2	93	0.00	0.0	6.155	0.000	5	2	1	1
PL.14594	PL.98	C	4ACSR	14.85Y	123.8	0.01	2.21	26.10	22	366	127	94	0.02	0.0	5.934	0.014	0	0	0	75
C PD.1004	PL.14594	C	Fuse8AMP	14.85Y	123.8	0.00	2.21	26.10	357	366	127	94	0.00	0.0	5.934	0.000	0	0	0	75
PL.14596	PD.1004	C	4ACSR	14.84Y	123.7	0.09	2.30	26.10	22	366	127	94	0.25	0.1	6.090	0.156	0	0	0	75
PL.6724	PL.14596	C	4ACSR	14.84Y	123.7	0.00	2.31	1.22	1	17	6	94	0.00	0.0	6.129	0.039	0	0	0	3
438853	PL.6724	C	Consumer	14.84Y	123.7	0.00	2.31	0.33	0	5	2	93	0.00	0.0	6.129	0.000	5	2	1	1
438848	PL.6724	C	Consumer	14.84Y	123.7	0.00	2.31	0.36	0	5	2	93	0.00	0.0	6.129	0.000	5	2	1	1
PL.6725	PL.6724	C	4ACSR	14.84Y	123.7	0.00	2.31	0.54	0	8	3	94	0.00	0.0	6.178	0.049	0	0	0	1
438835	PL.6725	C	Consumer	14.84Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	6.178	0.000	0	0	0	0
438849	PL.6725	C	Consumer	14.84Y	123.7	0.00	2.31	0.54	0	8	3	94	0.00	0.0	6.178	0.000	8	3	1	1
PL.14595	PL.14596	C	4ACSR	14.84Y	123.7	0.03	2.33	24.63	21	345	120	94	0.08	0.0	6.144	0.054	0	0	0	71

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-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
438807	PL.14595	C	Consumer	14.84Y	123.7	0.00	2.33	0.03	0	0	0	100	0.00	0.0	6.144	0.000	0	0	1	1
PL.6717	PL.14595	C	4ACSR	14.83Y	123.6	0.05	2.39	24.60	21	345	120	94	0.13	0.0	6.235	0.091	0	0	0	70
438845	PL.6717	C	Consumer	14.83Y	123.6	0.00	2.39	0.71	0	10	3	96	0.00	0.0	6.235	0.000	10	3	1	1
PL.6726	PL.6717	C	4ACSR	14.83Y	123.6	0.03	2.41	23.89	20	335	116	94	0.07	0.0	6.286	0.051	0	0	0	69
PL.14597	PL.6726	C	4ACSR	14.83Y	123.6	0.03	2.44	23.17	19	325	113	94	0.06	0.0	6.335	0.049	0	0	0	68
438833	PL.14597	C	Consumer	14.83Y	123.6	0.00	2.44	0.36	0	5	2	93	0.00	0.0	6.335	0.000	5	2	1	1
4388075	PL.14597	C	Consumer	14.83Y	123.6	0.00	2.44	0.33	0	5	2	93	0.00	0.0	6.335	0.000	5	2	1	1
438851	PL.14597	C	Consumer	14.83Y	123.6	0.00	2.44	0.79	0	11	4	94	0.00	0.0	6.335	0.000	11	4	1	1
PL.14598	PL.14597	C	4ACSR	14.82Y	123.5	0.06	2.50	19.81	17	277	96	94	0.12	0.0	6.460	0.125	0	0	0	62
PL.14599	PL.14598	C	4ACSR	14.82Y	123.5	0.00	2.50	2.39	2	33	12	94	0.00	0.0	6.461	0.002	0	0	0	4
PL.6712	PL.14599	C	4ACSR	14.82Y	123.5	0.00	2.50	2.39	2	33	12	94	0.00	0.0	6.493	0.032	0	0	0	4
PL.6713	PL.6712	C	4ACSR	14.82Y	123.5	0.00	2.50	1.24	1	17	6	94	0.00	0.0	6.528	0.034	0	0	0	2
438841	PL.6713	C	Consumer	14.82Y	123.5	0.00	2.50	0.58	0	8	3	94	0.00	0.0	6.528	0.000	8	3	1	1
438842	PL.6713	C	Consumer	14.82Y	123.5	0.00	2.50	0.66	0	9	3	95	0.00	0.0	6.528	0.000	9	3	1	1
438852	PL.6712	C	Consumer	14.82Y	123.5	0.00	2.50	0.46	0	6	2	95	0.00	0.0	6.493	0.000	6	2	1	1
438832	PL.6712	C	Consumer	14.82Y	123.5	0.00	2.50	0.70	0	10	3	96	0.00	0.0	6.493	0.000	10	3	1	1
PL.14600	PL.14598	C	4ACSR	14.82Y	123.5	0.01	2.51	17.32	15	242	84	94	0.02	0.0	6.494	0.034	0	0	0	57
PL.41498	PL.14600	C	4ACSR	14.82Y	123.5	0.02	2.53	17.29	15	242	84	94	0.03	0.0	6.537	0.043	0	0	0	55
PL.44220	PL.41498	C	2ACSR	14.82Y	123.5	0.01	2.53	16.77	11	235	82	94	0.01	0.0	6.559	0.022	0	0	0	53
PL.41500	PL.44220	C	4ACSR	14.82Y	123.5	0.00	2.54	16.77	14	235	82	94	0.01	0.0	6.568	0.009	0	0	0	53
PL.41501	PL.41500	C	4ACSR	14.82Y	123.5	0.00	2.54	16.77	14	235	82	94	0.01	0.0	6.580	0.012	0	0	0	53
PL.41497	PL.41501	C	4ACSR	14.81Y	123.5	0.01	2.55	16.77	14	235	82	94	0.02	0.0	6.606	0.026	0	0	0	53
438866	PL.41497	C	Consumer	14.81Y	123.5	0.00	2.55	0.42	0	6	2	95	0.00	0.0	6.606	0.000	6	2	1	1
4388073	PL.41497	C	Consumer	14.81Y	123.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	6.606	0.000	0	0	1	1
438867	PL.41497	C	Consumer	14.81Y	123.5	0.00	2.55	0.60	0	8	3	94	0.00	0.0	6.606	0.000	8	3	1	1
PL.14102	PL.41497	C	4ACSR	14.81Y	123.4	0.02	2.57	15.75	13	220	77	94	0.03	0.0	6.654	0.048	0	0	0	50
4388080	PL.14102	C	Consumer	14.81Y	123.4	0.00	2.57	0.00	0	0	0	100	0.00	0.0	6.654	0.000	0	0	1	1
438869	PL.14102	C	Consumer	14.81Y	123.4	0.00	2.57	0.68	0	10	3	96	0.00	0.0	6.654	0.000	10	3	1	1
PL.14103	PL.14102	C	4ACSR	14.81Y	123.4	0.01	2.58	15.07	13	211	73	95	0.02	0.0	6.693	0.039	0	0	0	48
PL.14104	PL.14103	C	4ACSR	14.81Y	123.4	0.00	2.58	15.07	13	211	73	95	0.00	0.0	6.701	0.008	0	0	0	48
PD.339-A	PL.14104	C	Closed	14.81Y	123.4	0.00	2.58	15.07	0	211	73	95	0.00	0.0	6.701	0.000	0	0	0	48
PD.339-B	PD.339-A	C	Closed	14.81Y	123.4	0.00	2.58	15.07	0	211	73	95	0.00	0.0	6.701	0.000	0	0	0	48
PL.14105	PD.339-B	C	4ACSR	14.81Y	123.4	0.03	2.62	15.07	13	211	73	95	0.05	0.0	6.802	0.101	0	0	0	48
PL.14106	PL.14105	C	4ACSR	14.80Y	123.4	0.03	2.65	14.87	12	208	72	94	0.04	0.0	6.885	0.083	0	0	0	47
PL.14107	PL.14106	C	4ACSR	14.80Y	123.3	0.02	2.66	13.41	11	188	65	95	0.03	0.0	6.945	0.060	0	0	0	43
PL.14108	PL.14107	C	4ACSR	14.80Y	123.3	0.01	2.67	13.30	11	186	65	94	0.01	0.0	6.980	0.035	0	0	0	42
PL.23536	PL.14108	C	4ACSR	14.80Y	123.3	0.00	2.67	0.89	1	13	4	96	0.00	0.0	6.998	0.018	0	0	0	2
438830	PL.23536	C	Consumer	14.80Y	123.3	0.00	2.67	0.17	0	2	1	89	0.00	0.0	6.998	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
438811	PL.23536	C	Consumer	14.80Y	123.3	0.00	2.67	0.72	0	10	3	96	0.00	0.0	6.998	0.000	10	3	1	1
PL.14109	PL.14108	C	4ACSR	14.80Y	123.3	0.01	2.69	6.95	6	97	34	94	0.01	0.0	7.059	0.079	0	0	0	26
PL.24725	PL.14109	C	4ACSR	14.80Y	123.3	0.01	2.70	6.95	6	97	34	94	0.01	0.0	7.132	0.073	0	0	0	26
PL.14408	PL.24725	C	4ACSR	14.80Y	123.3	0.01	2.71	6.92	6	97	34	94	0.01	0.0	7.189	0.057	0	0	0	24
PL.2469	PL.14408	C	4ACSR	14.79Y	123.3	0.01	2.72	4.35	4	61	21	95	0.00	0.0	7.267	0.077	0	0	0	12
439705	PL.2469	C	Consumer	14.79Y	123.3	0.00	2.72	0.71	0	10	3	96	0.00	0.0	7.267	0.000	10	3	1	1
PL.2470	PL.2469	C	4ACSR	14.79Y	123.3	0.00	2.72	3.64	3	51	18	94	0.00	0.0	7.313	0.046	0	0	0	11
PL.2471	PL.2470	C	4ACSR	14.79Y	123.3	0.00	2.72	1.94	2	27	9	95	0.00	0.0	7.335	0.022	0	0	0	6
PL.2472	PL.2471	C	4ACSR	14.79Y	123.3	0.00	2.72	1.94	2	27	9	95	0.00	0.0	7.381	0.047	0	0	0	6
PL.42560	PL.2472	C	4ACSR	14.79Y	123.3	0.00	2.72	1.78	1	25	9	94	0.00	0.0	7.405	0.023	0	0	0	5
PL.42561	PL.42560	C	4ACSR	14.79Y	123.3	0.00	2.72	1.46	1	20	7	94	0.00	0.0	7.437	0.032	0	0	0	4
439711	PL.42561	C	Consumer	14.79Y	123.3	0.00	2.72	0.44	0	6	2	95	0.00	0.0	7.437	0.000	6	2	1	1
PL.24727	PL.42561	C	4ACSR	14.79Y	123.3	0.00	2.72	1.02	1	14	5	94	0.00	0.0	7.466	0.030	0	0	0	3
439717	PL.24727	C	Consumer	14.79Y	123.3	0.00	2.72	0.05	0	1	0	100	0.00	0.0	7.466	0.000	1	0	1	1
439708	PL.24727	C	Consumer	14.79Y	123.3	0.00	2.72	0.58	0	8	3	94	0.00	0.0	7.466	0.000	8	3	1	1
439716	PL.24727	C	Consumer	14.79Y	123.3	0.00	2.72	0.39	0	5	2	93	0.00	0.0	7.466	0.000	5	2	1	1
4397035	PL.42560	C	Consumer	14.79Y	123.3	0.00	2.72	0.32	0	5	2	93	0.00	0.0	7.405	0.000	5	2	1	1
439730	PL.2472	C	Consumer	14.79Y	123.3	0.00	2.72	0.16	0	2	1	89	0.00	0.0	7.381	0.000	2	1	1	1
439710	PL.2472	C	Consumer	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	7.381	0.000	0	0	0	0
PL.2467	PL.2472	C	4ACSR	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	7.572	0.190	0	0	0	0
PL.2468	PL.2467	C	4ACSR	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	7.642	0.070	0	0	0	0
PL.24728	PL.2470	C	4ACSR	14.79Y	123.3	0.00	2.72	1.70	1	24	8	95	0.00	0.0	7.386	0.073	0	0	0	5
PL.24729	PL.24728	C	4ACSR	14.79Y	123.3	0.00	2.72	1.45	1	20	7	94	0.00	0.0	7.425	0.039	0	0	0	2
PL.2075	PL.24729	C	4ACSR	14.79Y	123.3	0.00	2.73	1.45	1	20	7	94	0.00	0.0	7.476	0.051	0	0	0	2
439714	PL.2075	C	Consumer	14.79Y	123.3	0.00	2.73	1.16	0	16	6	94	0.00	0.0	7.476	0.000	16	6	1	1
PL.2076	PL.2075	C	4ACSR	14.79Y	123.3	0.00	2.73	0.29	0	4	1	97	0.00	0.0	7.557	0.081	0	0	0	1
439724	PL.2076	C	Consumer	14.79Y	123.3	0.00	2.73	0.29	0	4	1	97	0.00	0.0	7.557	0.000	4	1	1	1
439731	PL.24728	C	Consumer	14.79Y	123.3	0.00	2.72	0.06	0	1	0	100	0.00	0.0	7.386	0.000	1	0	1	1
439703	PL.24728	C	Consumer	14.79Y	123.3	0.00	2.72	0.18	0	3	1	95	0.00	0.0	7.386	0.000	3	1	1	1
439726	PL.24728	C	Consumer	14.79Y	123.3	0.00	2.72	0.02	0	0	0	100	0.00	0.0	7.386	0.000	0	0	1	1
PL.14409	PL.14408	C	4ACSR	14.79Y	123.3	0.01	2.72	2.57	2	36	12	95	0.00	0.0	7.431	0.241	0	0	0	11
PL.14410	PL.14409	C	4ACSR	14.79Y	123.3	0.00	2.73	2.06	2	29	10	95	0.00	0.0	7.522	0.091	0	0	0	8
PL.14411	PL.14410	C	4ACSR	14.79Y	123.3	0.00	2.73	0.72	1	10	3	96	0.00	0.0	7.585	0.063	0	0	0	3
PL.5728	PL.14411	C	4ACSR	14.79Y	123.3	0.00	2.73	0.72	1	10	3	96	0.00	0.0	7.739	0.154	0	0	0	3
PL.5729	PL.5728	C	4ACSR	14.79Y	123.3	0.00	2.73	0.70	1	10	3	96	0.00	0.0	7.855	0.116	0	0	0	2
0107007	PL.5729	C	Consumer	14.79Y	123.3	0.00	2.73	0.50	0	7	2	96	0.00	0.0	7.855	0.000	7	2	1	1
0107008	PL.5729	C	Consumer	14.79Y	123.3	0.00	2.73	0.20	0	3	1	95	0.00	0.0	7.855	0.000	3	1	1	1
PL.5727	PL.5729	C	4ACSR	14.79Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	7.932	0.077	0	0	0	0

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	14.79Y	123.3	0.00	2.73	0.02	0	0	0	100	0.00	0.0	7.739	0.000	0	0	1	1
PL.24809	PL.14410	C	4ACSR	14.79Y	123.3	0.00	2.73	1.34	1	19	7	94	0.00	0.0	7.671	0.150	0	0	0	3
PL.24808	PL.24809	C	4ACSR	14.79Y	123.3	0.00	2.73	0.64	1	9	3	95	0.00	0.0	7.763	0.091	0	0	0	1
PL.510	PL.24808	C	4ACSR	14.79Y	123.3	0.00	2.73	0.64	1	9	3	95	0.00	0.0	7.847	0.085	0	0	0	1
010706	PL.510	C	Consumer	14.79Y	123.3	0.00	2.73	0.64	0	9	3	95	0.00	0.0	7.847	0.000	9	3	1	1
439702	PL.24809	C	Consumer	14.79Y	123.3	0.00	2.73	0.04	0	1	0	100	0.00	0.0	7.671	0.000	1	0	1	1
PL.2074	PL.24809	C	4ACSR	14.79Y	123.3	0.00	2.73	0.66	1	9	3	95	0.00	0.0	7.764	0.093	0	0	0	1
439701	PL.2074	C	Consumer	14.79Y	123.3	0.00	2.73	0.66	0	9	3	95	0.00	0.0	7.764	0.000	9	3	1	1
PL.33964	PL.2074	C	2ACSR	14.79Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	7.809	0.044	0	0	0	0
439723	PL.33964	C	Consumer	14.79Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	7.809	0.000	0	0	0	0
PL.24881	PL.14410	C	4ACSR	14.79Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	7.641	0.120	0	0	0	2
439715	PL.24881	C	Consumer	14.79Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	7.641	0.000	0	0	1	1
439712	PL.24881	C	Consumer	14.79Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	7.641	0.000	0	0	1	1
PL.24810	PL.24881	C	4ACSR	14.79Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	7.668	0.027	0	0	0	0
PL.2476	PL.14409	C	4ACSR	14.79Y	123.3	0.00	2.72	0.51	0	7	2	96	0.00	0.0	7.484	0.053	0	0	0	3
439727	PL.2476	C	Consumer	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	7.484	0.000	0	0	1	1
PL.33963	PL.2476	C	2ACSR	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	7.586	0.102	0	0	0	1
4397033	PL.33963	C	Consumer	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	7.586	0.000	0	0	1	1
PL.39681	PL.2476	C	2ACSR	14.79Y	123.3	0.00	2.72	0.51	0	7	2	96	0.00	0.0	7.532	0.048	0	0	0	1
4397034	PL.39681	C	Consumer	14.79Y	123.3	0.00	2.72	0.51	0	7	2	96	0.00	0.0	7.532	0.000	7	2	1	1
439725	PL.14408	C	Consumer	14.80Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.189	0.000	0	0	1	1
439721	PL.24725	C	Consumer	14.80Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	7.132	0.000	0	0	1	1
439722	PL.24725	C	Consumer	14.80Y	123.3	0.00	2.70	0.03	0	0	0	100	0.00	0.0	7.132	0.000	0	0	1	1
PL.23943	PL.14108	C	4ACSR	14.80Y	123.3	0.01	2.68	5.45	5	76	26	95	0.00	0.0	7.045	0.065	0	0	0	14
PL.2473	PL.23943	C	4ACSR	14.80Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	7.051	0.007	0	0	0	0
438814	PL.23943	C	Consumer	14.80Y	123.3	0.00	2.68	0.20	0	3	1	95	0.00	0.0	7.045	0.000	3	1	1	1
PL.14110	PL.23943	C	4ACSR	14.80Y	123.3	0.01	2.69	3.81	3	53	18	95	0.00	0.0	7.111	0.066	0	0	0	8
PL.2477	PL.14110	C	4ACSR	14.80Y	123.3	0.00	2.69	0.00	0	0	0	100	0.00	0.0	7.130	0.019	0	0	0	0
PL.14407	PL.14110	C	4ACSR	14.80Y	123.3	0.00	2.69	3.46	3	48	17	94	0.00	0.0	7.130	0.020	0	0	0	7
438706	PL.14407	C	Consumer	14.80Y	123.3	0.00	2.69	0.77	0	11	4	94	0.00	0.0	7.130	0.000	11	4	1	1
438704	PL.14407	C	Consumer	14.80Y	123.3	0.00	2.69	0.44	0	6	2	95	0.00	0.0	7.130	0.000	6	2	1	1
PL.24744	PL.14407	C	4ACSR	14.80Y	123.3	0.00	2.69	2.25	2	31	11	94	0.00	0.0	7.152	0.022	0	0	0	5
PL.24745	PL.24744	C	4ACSR	14.80Y	123.3	0.00	2.69	1.87	2	26	9	94	0.00	0.0	7.161	0.009	0	0	0	4
PL.24730	PL.24745	C	4ACSR	14.80Y	123.3	0.00	2.69	1.87	2	26	9	94	0.00	0.0	7.193	0.032	0	0	0	4
PL.24731	PL.24730	C	4ACSR	14.80Y	123.3	0.00	2.69	1.87	2	26	9	94	0.00	0.0	7.225	0.032	0	0	0	4
PL.2478	PL.24731	C	4ACSR	14.80Y	123.3	0.00	2.70	0.79	1	11	4	94	0.00	0.0	7.284	0.059	0	0	0	2
439729	PL.2478	C	Consumer	14.80Y	123.3	0.00	2.70	0.53	0	7	3	92	0.00	0.0	7.284	0.000	7	3	1	1
PL.23938	PL.2478	C	4ACSR	14.80Y	123.3	0.00	2.70	0.26	0	4	1	97	0.00	0.0	7.348	0.064	0	0	0	1

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	% PF	kW Loss	% Loss							
439732	PL.23938	C	Consumer	14.80Y	123.3	0.00	2.70	0.26	0	4	1	97	0.00	0.0	7.348	0.000	4	1	1	1
439719	PL.24731	C	Consumer	14.80Y	123.3	0.00	2.69	0.62	0	9	3	95	0.00	0.0	7.225	0.000	9	3	1	1
PL.2475	PL.24731	C	4ACSR	14.80Y	123.3	0.00	2.69	0.46	0	6	2	95	0.00	0.0	7.258	0.033	0	0	0	1
439720	PL.2475	C	Consumer	14.80Y	123.3	0.00	2.69	0.46	0	6	2	95	0.00	0.0	7.258	0.000	6	2	1	1
439728	PL.24744	C	Consumer	14.80Y	123.3	0.00	2.69	0.38	0	5	2	93	0.00	0.0	7.152	0.000	5	2	1	1
438705	PL.14110	C	Consumer	14.80Y	123.3	0.00	2.69	0.35	0	5	2	93	0.00	0.0	7.111	0.000	5	2	1	1
PL.35057	PL.23943	C	4ACSR	14.80Y	123.3	0.00	2.68	1.44	1	20	7	94	0.00	0.0	7.091	0.047	0	0	0	5
438813	PL.35057	C	Consumer	14.80Y	123.3	0.00	2.68	0.65	0	9	3	95	0.00	0.0	7.091	0.000	9	3	1	1
438834	PL.35057	C	Consumer	14.80Y	123.3	0.00	2.68	0.26	0	4	1	97	0.00	0.0	7.091	0.000	4	1	1	1
4387007	PL.35057	C	Consumer	14.80Y	123.3	0.00	2.68	0.32	0	4	2	89	0.00	0.0	7.091	0.000	4	2	1	1
4388071	PL.35057	C	Consumer	14.80Y	123.3	0.00	2.68	0.05	0	1	0	100	0.00	0.0	7.091	0.000	1	0	1	1
438817	PL.35057	C	Consumer	14.80Y	123.3	0.00	2.68	0.16	0	2	1	89	0.00	0.0	7.091	0.000	2	1	1	1
438819	PL.14107	C	Consumer	14.80Y	123.3	0.00	2.66	0.11	0	2	1	89	0.00	0.0	6.945	0.000	2	1	1	1
438856	PL.14106	C	Consumer	14.80Y	123.4	0.00	2.65	0.49	0	7	2	96	0.00	0.0	6.885	0.000	7	2	1	1
438828	PL.14106	C	Consumer	14.80Y	123.4	0.00	2.65	0.02	0	0	0	100	0.00	0.0	6.885	0.000	0	0	1	1
438818	PL.14106	C	Consumer	14.80Y	123.4	0.00	2.65	0.60	0	8	3	94	0.00	0.0	6.885	0.000	8	3	1	1
438809	PL.14106	C	Consumer	14.80Y	123.4	0.00	2.65	0.34	0	5	2	93	0.00	0.0	6.885	0.000	5	2	1	1
PL.23537	PL.14105	C	4ACSR	14.81Y	123.4	0.00	2.62	0.20	0	3	1	95	0.00	0.0	6.868	0.066	0	0	0	1
438801	PL.23537	C	Consumer	14.81Y	123.4	0.00	2.62	0.20	0	3	1	95	0.00	0.0	6.868	0.000	3	1	1	1
4388078	PL.41498	C	Consumer	14.82Y	123.5	0.00	2.53	0.14	0	2	1	89	0.00	0.0	6.537	0.000	2	1	1	1
4388072	PL.41498	C	Consumer	14.82Y	123.5	0.00	2.53	0.38	0	5	2	93	0.00	0.0	6.537	0.000	5	2	1	1
PL.6710	PL.14600	C	4ACSR	14.82Y	123.5	0.00	2.51	0.03	0	0	0	100	0.00	0.0	6.618	0.124	0	0	0	2
438854	PL.6710	C	Consumer	14.82Y	123.5	0.00	2.51	0.03	0	0	0	100	0.00	0.0	6.618	0.000	0	0	1	1
438802	PL.6710	C	Consumer	14.82Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	6.618	0.000	0	0	1	1
PL.6711	PL.6710	C	4ACSR	14.82Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	6.618	0.000	0	0	0	0
438857	PL.14598	C	Consumer	14.82Y	123.5	0.00	2.50	0.09	0	1	0	100	0.00	0.0	6.460	0.000	1	0	1	1
PL.2520	PL.14597	C	4ACSR	14.83Y	123.6	0.00	2.44	1.89	2	26	9	94	0.00	0.0	6.380	0.045	0	0	0	3
438846	PL.2520	C	Consumer	14.83Y	123.6	0.00	2.44	0.45	0	6	2	95	0.00	0.0	6.380	0.000	6	2	1	1
438847	PL.2520	C	Consumer	14.83Y	123.6	0.00	2.44	0.79	0	11	4	94	0.00	0.0	6.380	0.000	11	4	1	1
438829	PL.2520	C	Consumer	14.83Y	123.6	0.00	2.44	0.65	0	9	3	95	0.00	0.0	6.380	0.000	9	3	1	1
438855	PL.6726	C	Consumer	14.83Y	123.6	0.00	2.41	0.72	0	10	3	96	0.00	0.0	6.286	0.000	10	3	1	1
438804	PL.14596	C	Consumer	14.84Y	123.7	0.00	2.30	0.25	0	4	1	97	0.00	0.0	6.090	0.000	4	1	1	1
PL.14592	PL.6714	B	4ACSR	14.82Y	123.5	0.00	2.49	0.85	1	12	4	95	0.00	0.0	5.834	0.021	0	0	0	4
PD.1003	PL.14592	B	fuse6AMP	14.82Y	123.5	0.00	2.49	0.85	15	12	4	95	0.00	0.0	5.834	0.000	0	0	0	4
PL.14593	PD.1003	B	4ACSR	14.82Y	123.5	0.00	2.49	0.85	1	12	4	95	0.00	0.0	5.962	0.129	0	0	0	4
438831	PL.14593	B	Consumer	14.82Y	123.5	0.00	2.49	0.21	0	3	1	95	0.00	0.0	5.962	0.000	3	1	1	1
438824	PL.14593	B	Consumer	14.82Y	123.5	0.00	2.49	0.46	0	6	2	95	0.00	0.0	5.962	0.000	6	2	1	1
438805	PL.14593	B	Consumer	14.82Y	123.5	0.00	2.49	0.15	0	2	1	89	0.00	0.0	5.962	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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							
438939	PL.27654	B	Consumer	14.83Y	123.6	0.00	2.42	0.00	0	0	0	100	0.00	0.0	5.079	0.000	0	0	0	0
438913	PL.27654	B	Consumer	14.83Y	123.6	0.00	2.42	0.07	0	1	0	100	0.00	0.0	5.079	0.000	1	0	1	1
PL.28633	PL.13781	B	4ACSR	14.83Y	123.6	0.00	2.41	0.88	1	12	4	95	0.00	0.0	5.020	0.009	0	0	0	1
PD.2670	PL.28633	B	fuse6AMP	14.83Y	123.6	0.00	2.41	0.88	15	12	4	95	0.00	0.0	5.020	0.000	0	0	0	1
PL.28634	PD.2670	B	4ACSR	14.83Y	123.6	0.00	2.41	0.88	1	12	4	95	0.00	0.0	5.041	0.022	0	0	0	1
438928	PL.28634	B	Consumer	14.83Y	123.6	0.00	2.41	0.88	0	12	4	95	0.00	0.0	5.041	0.000	12	4	1	1
PL.2524	PL.13781	B	4ACSR	14.83Y	123.6	0.00	2.42	1.70	1	24	8	95	0.00	0.0	5.049	0.038	0	0	0	4
PL.2679	PL.2524	B	4ACSR	14.83Y	123.6	0.00	2.42	0.59	0	8	3	94	0.00	0.0	5.163	0.114	0	0	0	2
438936	PL.2679	B	Consumer	14.83Y	123.6	0.00	2.42	0.01	0	0	0	100	0.00	0.0	5.163	0.000	0	0	1	1
438935	PL.2679	B	Consumer	14.83Y	123.6	0.00	2.42	0.58	0	8	3	94	0.00	0.0	5.163	0.000	8	3	1	1
PL.2523	PL.2524	B	4ACSR	14.83Y	123.6	0.00	2.42	1.12	1	16	5	95	0.00	0.0	5.087	0.038	0	0	0	2
4389048	PL.2523	B	Consumer	14.83Y	123.6	0.00	2.42	0.00	0	0	0	100	0.00	0.0	5.087	0.000	0	0	0	0
438904	PL.2523	B	Consumer	14.83Y	123.6	0.00	2.42	1.10	0	15	5	95	0.00	0.0	5.087	0.000	15	5	1	1
438934	PL.2523	B	Consumer	14.83Y	123.6	0.00	2.42	0.01	0	0	0	100	0.00	0.0	5.087	0.000	0	0	1	1
PL.14154	PL.13780	B	4ACSR	14.83Y	123.6	0.00	2.38	0.74	1	10	4	93	0.00	0.0	4.819	0.007	0	0	0	4
PD.994	PL.14154	B	fuse6AMP	14.83Y	123.6	0.00	2.38	0.74	13	10	4	93	0.00	0.0	4.819	0.000	0	0	0	4
PL.14155	PD.994	B	4ACSR	14.83Y	123.6	0.00	2.38	0.74	1	10	4	93	0.00	0.0	4.875	0.056	0	0	0	4
438933	PL.14155	B	Consumer	14.83Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	4.875	0.000	0	0	1	1
4389044	PL.14155	B	Consumer	14.83Y	123.6	0.00	2.38	0.37	0	5	2	93	0.00	0.0	4.875	0.000	5	2	1	1
PL.2682	PL.14155	B	4ACSR	14.83Y	123.6	0.00	2.38	0.37	0	5	2	93	0.00	0.0	4.914	0.039	0	0	0	2
438938	PL.2682	B	Consumer	14.83Y	123.6	0.00	2.38	0.01	0	0	0	100	0.00	0.0	4.914	0.000	0	0	1	1
438937	PL.2682	B	Consumer	14.83Y	123.6	0.00	2.38	0.36	0	5	2	93	0.00	0.0	4.914	0.000	5	2	1	1
438927	PL.13779	B	Consumer	14.84Y	123.6	0.00	2.36	0.46	0	6	2	95	0.00	0.0	4.742	0.000	6	2	1	1
438929	PL.13778	B	Consumer	14.84Y	123.6	0.00	2.36	0.69	0	10	3	96	0.00	0.0	4.712	0.000	10	3	1	1
PL.39524	PL.13776	B	2ACSR	14.84Y	123.7	0.00	2.34	0.04	0	1	0	100	0.00	0.0	4.682	0.037	0	0	0	1
4389045	PL.39524	B	Consumer	14.84Y	123.7	0.00	2.34	0.04	0	1	0	100	0.00	0.0	4.682	0.000	1	0	1	1
438920	PL.13775	B	Consumer	14.84Y	123.7	0.00	2.33	0.96	0	13	5	93	0.00	0.0	4.591	0.000	13	5	1	1
PL.14019	PL.14018	B	4ACSR	14.85Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	4.426	0.021	0	0	0	1
PD.991	PL.14019	B	fuse6AMP	14.85Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	4.426	0.000	0	0	0	1
PL.14020	PD.991	B	4ACSR	14.85Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	4.454	0.029	0	0	0	1
438910	PL.14020	B	Consumer	14.85Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	4.454	0.000	0	0	1	1
447249	PL.20545	C	Consumer	14.95Y	124.6	0.00	1.43	0.10	0	1	1	71	0.00	0.0	3.487	0.000	1	1	1	1
PL.13661	PL.13658	A	336ACSR	15.09Y	125.7	0.00	0.28	21.63	5	308	108	94	0.02	0.0	3.418	0.014	0	0	0	73
		B		14.91Y	124.3	0.00	1.75	48.84	11	688	239	94					0	0	0	142
		C		14.95Y	124.6	0.00	1.40	56.44	13	795	282	94					0	0	0	155
PD.390-A	PL.13661	A	Closed	15.09Y	125.7	0.00	0.28	21.63	0	308	108	94	0.00	0.0	3.418	0.000	0	0	0	73
		B		14.91Y	124.3	0.00	1.75	48.84	0	688	239	94					0	0	0	142
		C		14.95Y	124.6	0.00	1.40	56.44	0	795	282	94					0	0	0	155
PD.390-B	PD.390-A	A	Closed	15.09Y	125.7	0.00	0.28	21.63	0	308	108	94	0.00	0.0	3.418	0.000	0	0	0	73
		B		14.91Y	124.3	0.00	1.75	48.84	0	688	239	94					0	0	0	142
		C		14.95Y	124.6	0.00	1.40	56.44	0	795	282	94					0	0	0	155

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 elements PL.13662 through 448236.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.14439	PL.14446	C	4ACSR	14.94Y	124.5	0.00	1.54	1.97	2	28	10	94	0.00	0.0	4.092	0.005	0	0	0	5
PD.3687	PL.14439	C	fuse6AMP	14.94Y	124.5	0.00	1.54	1.97	34	28	10	94	0.00	0.0	4.092	0.000	0	0	0	5
PL.14440	PD.3687	C	4ACSR	14.93Y	124.5	0.00	1.54	1.97	2	28	10	94	0.00	0.0	4.144	0.052	0	0	0	5
448248	PL.14440	C	Consumer	14.93Y	124.5	0.00	1.54	0.33	0	5	2	93	0.00	0.0	4.144	0.000	5	2	1	1
448252	PL.14440	C	Consumer	14.93Y	124.5	0.00	1.54	0.68	0	10	3	96	0.00	0.0	4.144	0.000	10	3	1	1
448255	PL.14440	C	Consumer	14.93Y	124.5	0.00	1.54	0.30	0	4	1	97	0.00	0.0	4.144	0.000	4	1	1	1
448250	PL.14440	C	Consumer	14.93Y	124.5	0.00	1.54	0.28	0	4	1	97	0.00	0.0	4.144	0.000	4	1	1	1
PL.14515	PL.14440	C	4ACSR	14.93Y	124.5	0.00	1.54	0.39	0	5	2	93	0.00	0.0	4.181	0.037	0	0	0	1
PL.6467	PL.14515	C	4ACSR	14.93Y	124.5	0.00	1.54	0.00	0	0	0	100	0.00	0.0	4.230	0.049	0	0	0	0
PL.6466	PL.14515	C	4ACSR	14.93Y	124.5	0.00	1.54	0.39	0	5	2	93	0.00	0.0	4.181	0.000	0	0	0	1
448251	PL.6466	C	Consumer	14.93Y	124.5	0.00	1.54	0.39	0	5	2	93	0.00	0.0	4.181	0.000	5	2	1	1
PL.14516	PL.14515	C	4ACSR	14.93Y	124.5	0.00	1.54	0.00	0	0	0	100	0.00	0.0	4.209	0.028	0	0	0	0
PL.14520	PL.14446	A	336ACSR	15.09Y	125.7	-0.00	0.27	19.72	4	281	98	94	0.19	0.0	4.216	0.130	0	0	0	68
		B		14.88Y	124.0	0.03	1.96	42.10	10	593	204	95					0	0	0	127
		C		14.93Y	124.4	0.03	1.57	52.40	12	738	261	94					0	0	0	144
PL.14518	PL.14520	B	4ACSR	14.88Y	124.0	0.00	1.96	0.59	0	8	3	94	0.00	0.0	4.226	0.010	0	0	0	1
PD.3690	PL.14518	B	fuse6AMP	14.88Y	124.0	0.00	1.96	0.59	10	8	3	94	0.00	0.0	4.226	0.000	0	0	0	1
PL.14519	PD.3690	B	4ACSR	14.88Y	124.0	0.00	1.96	0.59	0	8	3	94	0.00	0.0	4.284	0.057	0	0	0	1
448227	PL.14519	B	Consumer	14.88Y	124.0	0.00	1.96	0.59	0	8	3	94	0.00	0.0	4.284	0.000	8	3	1	1
PL.14521	PL.14520	A	336ACSR	15.09Y	125.7	-0.00	0.27	19.72	4	281	98	94	0.12	0.0	4.302	0.086	0	0	0	68
		B		14.88Y	124.0	0.02	1.98	41.51	9	584	201	95					0	0	0	126
		C		14.93Y	124.4	0.02	1.58	52.40	12	738	260	94					0	0	0	144
PD.394-A	PL.14521	A	Closed	15.09Y	125.7	0.00	0.27	19.72	0	281	98	94	0.00	0.0	4.302	0.000	0	0	0	68
		B		14.88Y	124.0	0.00	1.98	41.51	0	584	201	95					0	0	0	126
		C		14.93Y	124.4	0.00	1.58	52.40	0	738	260	94					0	0	0	144
PD.394-B	PD.394-A	A	Closed	15.09Y	125.7	0.00	0.27	19.72	0	281	98	94	0.00	0.0	4.302	0.000	0	0	0	68
		B		14.88Y	124.0	0.00	1.98	41.51	0	584	201	95					0	0	0	126
		C		14.93Y	124.4	0.00	1.58	52.40	0	738	260	94					0	0	0	144
PL.44720	PD.394-B	A	336ACSR	15.09Y	125.7	-0.00	0.27	19.72	4	281	98	94	0.04	0.0	4.328	0.026	0	0	0	68
		B		14.88Y	124.0	0.01	1.99	41.51	9	584	201	95					0	0	0	126
		C		14.93Y	124.4	0.01	1.59	52.40	12	738	260	94					0	0	0	144
PL.44721	PL.44720	A	336ACSR	15.09Y	125.7	-0.00	0.27	19.72	4	281	98	94	0.03	0.0	4.347	0.020	0	0	0	68
		B		14.88Y	124.0	0.00	2.00	41.51	9	584	201	95					0	0	0	125
		C		14.93Y	124.4	0.00	1.59	52.40	12	738	260	94					0	0	0	144
PL.24062	PL.44721	C	4ACSR	14.93Y	124.4	0.00	1.59	1.15	1	16	6	94	0.00	0.0	4.415	0.067	0	0	0	3
PL.35663	PL.24062	C	2ACSR	14.93Y	124.4	0.00	1.59	0.63	0	9	3	95	0.00	0.0	4.450	0.035	0	0	0	1
4482072	PL.35663	C	Consumer	14.93Y	124.4	0.00	1.59	0.63	0	9	3	95	0.00	0.0	4.450	0.000	9	3	1	1
448241	PL.24062	C	Consumer	14.93Y	124.4	0.00	1.59	0.13	0	2	1	89	0.00	0.0	4.415	0.000	2	1	1	1
448218	PL.24062	C	Consumer	14.93Y	124.4	0.00	1.59	0.39	0	5	2	93	0.00	0.0	4.415	0.000	5	2	1	1
PL.19738	PL.44721	A	336ACSR	15.09Y	125.7	-0.00	0.27	19.72	4	281	98	94	0.00	0.0	4.348	0.001	0	0	0	68
		B		14.88Y	124.0	0.00	2.00	41.51	9	584	201	95					0	0	0	125
		C		14.93Y	124.4	0.00	1.59	51.25	12	722	254	94					0	0	0	141
PL.29871	PL.19738	A	336ACSR	15.09Y	125.7	-0.00	0.27	19.72	4	281	98	94	0.01	0.0	4.359	0.011	0	0	0	68
		B		14.88Y	124.0	0.00	2.00	41.51	9	584	201	95					0	0	0	125
		C		14.93Y	124.4	0.00	1.59	51.25	12	722	254	94					0	0	0	141

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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 PD.3691, PL.29872, PL.8604, etc.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 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, 448214, 448237, 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.27018, PD.2583, 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 elements 020321, PL.6206, 020320, PL.6207, PL.6212, PL.6213, 020314, PL.1795, PL.46088, 0203038, 020317, 0203037, 020310, PL.6211, PL.6210, 020312, 020305, PL.6209, PL.17967, PL.1235, PL.24070, 449311, 0203035, PL.17968, PL.117, 449310, 449307, 020327, 020331, 020319, 020324, 020318, 020309, PL.27038, PL.1869, 021334, 021333.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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	14.89Y	124.1	0.00	1.88	0.00	0	0	0	0	100	0.00	0.0	6.285	0.009	0	0	0	0	
PD.2594	PL.27024	C	fuse6AMP	14.89Y	124.1	0.00	1.88	0.00	0	0	0	0	100	0.00	0.0	6.285	0.000	0	0	0	0	
PL.27023	PL.14784	A	4ACSR	15.09Y	125.7	0.00	0.28	0.07	0	1	0	100	0.00	0.0	6.156	0.008	0	0	0	1		
PD.2593	PL.27023	A	fuse6AMP	15.09Y	125.7	0.00	0.28	0.07	1	1	0	100	0.00	0.0	6.156	0.000	0	0	0	1		
PL.27022	PD.2593	A	4ACSR	15.09Y	125.7	0.00	0.28	0.07	0	1	0	100	0.00	0.0	6.196	0.041	0	0	0	1		
020328	PL.27022	A	Consumer	15.09Y	125.7	0.00	0.28	0.07	0	1	0	100	0.00	0.0	6.196	0.000	1	0	1	1		
PL.27021	PL.15006	A	4ACSR	15.09Y	125.7	0.00	0.26	1.93	2	27	10	94	0.00	0.0	5.995	0.007	0	0	0	6		
PD.2584	PL.27021	A	fuse6AMP	15.09Y	125.7	0.00	0.26	1.93	33	27	10	94	0.00	0.0	5.995	0.000	0	0	0	6		
PL.14780	PD.2584	A	4ACSR	15.09Y	125.7	0.00	0.26	1.93	2	27	10	94	0.00	0.0	6.003	0.008	0	0	0	6		
PD.3381	PL.14780	A	25V4E	15.09Y	125.7	0.00	0.26	1.93	8	27	10	94	0.00	0.0	6.003	0.000	0	0	0	6		
PL.14781	PD.3381	A	4ACSR	15.09Y	125.7	0.00	0.27	1.93	2	27	10	94	0.00	0.0	6.067	0.064	0	0	0	6		
PL.1868	PL.14781	A	4ACSR	15.09Y	125.7	0.00	0.27	0.31	0	4	2	89	0.00	0.0	6.184	0.117	0	0	0	1		
021337	PL.1868	A	Consumer	15.09Y	125.7	0.00	0.27	0.31	0	4	2	89	0.00	0.0	6.184	0.000	4	2	1	1		
021320	PL.14781	A	Consumer	15.09Y	125.7	0.00	0.27	0.31	0	4	2	89	0.00	0.0	6.067	0.000	4	2	1	1		
021305	PL.14781	A	Consumer	15.09Y	125.7	0.00	0.27	0.26	0	4	1	97	0.00	0.0	6.067	0.000	4	1	1	1		
021315	PL.14781	A	Consumer	15.09Y	125.7	0.00	0.27	0.70	0	10	3	96	0.00	0.0	6.067	0.000	10	3	1	1		
PL.21601	PL.14781	A	4ACSR	15.09Y	125.7	0.00	0.27	0.34	0	5	2	93	0.00	0.0	6.076	0.009	0	0	0	2		
PD.3478	PL.21601	A	fuse6AMP	15.09Y	125.7	0.00	0.27	0.34	6	5	2	93	0.00	0.0	6.076	0.000	0	0	0	2		
PL.21600	PD.3478	A	4ACSR	15.09Y	125.7	0.00	0.27	0.34	0	5	2	93	0.00	0.0	6.098	0.022	0	0	0	2		
021321	PL.21600	A	Consumer	15.09Y	125.7	0.00	0.27	0.17	0	2	1	89	0.00	0.0	6.098	0.000	2	1	1	1		
021331	PL.21600	A	Consumer	15.09Y	125.7	0.00	0.27	0.17	0	2	1	89	0.00	0.0	6.098	0.000	2	1	1	1		
PL.14938	PL.15006	A B C	336ACSR	15.09Y 14.83Y 14.89Y	125.7 123.6 124.1	-0.01 0.01 0.01	0.26 2.41 1.89	1.47 22.83 45.69	0 5 10	21 321 642	7 107 225	95 95 94	0.04 0.00 0.00	0.0	6.034	0.046	0 0 0	0 0 0	0 0 0	4 63 128		
PL.14940	PL.14938	A	4ACSR	15.09Y	125.7	0.00	0.26	0.58	0	8	3	94	0.00	0.0	6.048	0.013	0	0	0	2		
PD.2592-A	PL.14940	A	Closed	15.09Y	125.7	0.00	0.26	0.58	0	8	3	94	0.00	0.0	6.048	0.000	0	0	0	2		
PD.2592-B	PD.2592-A	A	Closed	15.09Y	125.7	0.00	0.26	0.58	0	8	3	94	0.00	0.0	6.048	0.000	0	0	0	2		
PL.14941	PD.2592-B	A	4ACSR	15.09Y	125.7	0.00	0.26	0.58	0	8	3	94	0.00	0.0	6.099	0.051	0	0	0	2		
0213055	PL.14941	A	Consumer	15.09Y	125.7	0.00	0.26	0.17	0	2	1	89	0.00	0.0	6.099	0.000	2	1	1	1		
021346	PL.14941	A	Consumer	15.09Y	125.7	0.00	0.26	0.41	0	6	2	95	0.00	0.0	6.099	0.000	6	2	1	1		
PL.14939	PL.14938	A B C	336ACSR	15.09Y 14.83Y 14.89Y	125.7 123.6 124.1	-0.01 0.01 0.01	0.25 2.42 1.90	0.90 22.83 45.69	0 5 10	13 321 642	4 107 224	96 95 94	0.06 0.00 0.00	0.0	6.101	0.066	0 0 0	0 0 0	0 0 0	2 63 128		
PL.1875	PL.14939	A	4ACSR	15.09Y	125.7	0.00	0.25	0.90	1	13	4	96	0.00	0.0	6.154	0.053	0	0	0	2		
021341	PL.1875	A	Consumer	15.09Y	125.7	0.00	0.25	0.59	0	8	3	94	0.00	0.0	6.154	0.000	8	3	1	1		
0213053	PL.1875	A	Consumer	15.09Y	125.7	0.00	0.25	0.30	0	4	1	97	0.00	0.0	6.154	0.000	4	1	1	1		
PL.14937	PL.14939	A B C	336ACSR	15.09Y 14.83Y 14.89Y	125.8 123.6 124.1	-0.00 0.01 0.01	0.25 2.43 1.91	0.00 22.83 45.69	0 5 10	0 321 642	0 107 224	100 95 94	0.03 0.00 0.00	0.0	6.137	0.037	0 0 0	0 0 0	0 0 0	0 63 128		
PL.14930	PL.14937	C	336ACSR	14.89Y	124.1	0.00	1.91	45.69	10	642	224	94	0.01	0.0	6.152	0.015	0	0	0	128		
C PD.3383	PL.14930	C	50V4E	14.89Y	124.1	0.00	1.91	45.69	91	642	224	94	0.00	0.0	6.152	0.000	0	0	0	128 C		

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 a sub-header for 'Units Displayed In Volts' with a base voltage of 120.0.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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.26772	PL.14918	C	4ACSR	14.79Y	123.2	0.05	2.76	37.27	31	521	181	94	0.18	0.0	7.269	0.055	0	0	0	110
PL.14917	PL.26772	C	4ACSR	14.79Y	123.2	0.02	2.78	37.27	31	521	181	94	0.07	0.0	7.291	0.022	0	0	0	110
PL.24049	PL.14917	C	4ACSR	14.79Y	123.2	0.00	2.78	0.00	0	0	0	100	0.00	0.0	7.349	0.058	0	0	0	1
PL.24071	PL.24049	C	4ACSR	14.79Y	123.2	0.00	2.78	0.00	0	0	0	100	0.00	0.0	7.708	0.359	0	0	0	1
449251	PL.24071	C	Consumer	14.79Y	123.2	0.00	2.78	0.00	0	0	0	100	0.00	0.0	7.708	0.000	0	0	1	1
PL.14916	PL.14917	C	4ACSR	14.78Y	123.1	0.08	2.87	36.98	31	517	179	94	0.32	0.1	7.390	0.099	0	0	0	108
449215	PL.14916	C	Consumer	14.78Y	123.1	0.00	2.87	0.20	0	3	1	95	0.00	0.0	7.390	0.000	3	1	1	1
449231	PL.14916	C	Consumer	14.78Y	123.1	0.00	2.87	0.15	0	2	1	89	0.00	0.0	7.390	0.000	2	1	1	1
PL.26424	PL.14916	C	4ACSR	14.77Y	123.1	0.07	2.93	36.02	30	503	174	95	0.26	0.1	7.473	0.083	0	0	0	104
PL.26422	PL.26424	C	4ACSR	14.76Y	123.0	0.03	2.97	35.17	30	491	170	94	0.12	0.0	7.514	0.041	0	0	0	101
PL.6450	PL.26422	C	4ACSR	14.76Y	123.0	0.06	3.03	34.73	29	485	168	94	0.22	0.0	7.591	0.078	0	0	0	100
PL.24055	PL.6450	C	4ACSR	14.76Y	123.0	0.00	3.03	1.50	1	21	7	95	0.00	0.0	7.631	0.039	0	0	0	4
PL.26421	PL.24055	C	4ACSR	14.76Y	123.0	0.00	3.03	0.71	1	10	3	96	0.00	0.0	7.727	0.097	0	0	0	2
449239	PL.26421	C	Consumer	14.76Y	123.0	0.00	3.03	0.50	0	7	2	96	0.00	0.0	7.727	0.000	7	2	1	1
449244	PL.26421	C	Consumer	14.76Y	123.0	0.00	3.03	0.21	0	3	1	95	0.00	0.0	7.727	0.000	3	1	1	1
PL.26420	PL.24055	C	4ACSR	14.76Y	123.0	0.00	3.03	0.79	1	11	4	94	0.00	0.0	7.643	0.012	0	0	0	2
449250	PL.26420	C	Consumer	14.76Y	123.0	0.00	3.03	0.27	0	4	1	97	0.00	0.0	7.643	0.000	4	1	1	1
PL.26419	PL.26420	C	4ACSR	14.76Y	123.0	0.00	3.03	0.52	0	7	3	92	0.00	0.0	7.708	0.065	0	0	0	1
4492056	PL.26419	C	Consumer	14.76Y	123.0	0.00	3.03	0.52	0	7	3	92	0.00	0.0	7.708	0.000	7	3	1	1
449219	PL.6450	C	Consumer	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	7.591	0.000	0	0	0	0
449240	PL.6450	C	Consumer	14.76Y	123.0	0.00	3.03	0.51	0	7	2	96	0.00	0.0	7.591	0.000	7	2	1	1
449224	PL.6450	C	Consumer	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	7.591	0.000	0	0	0	0
PL.24052	PL.6450	C	4ACSR	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	7.662	0.071	0	0	0	0
449225	PL.24052	C	Consumer	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	7.662	0.000	0	0	0	0
PL.19355	PL.6450	C	4ACSR	14.76Y	123.0	0.00	3.03	0.59	0	8	3	94	0.00	0.0	7.674	0.083	0	0	0	1
PL.19435	PL.19355	C	4ACSR	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	7.675	0.000	0	0	0	0
449245	PL.19355	C	Consumer	14.76Y	123.0	0.00	3.03	0.59	0	8	3	94	0.00	0.0	7.674	0.000	8	3	1	1
PL.24051	PL.6450	C	4ACSR	14.76Y	123.0	0.00	3.03	2.22	2	31	11	94	0.00	0.0	7.628	0.036	0	0	0	6
4492062	PL.24051	C	Consumer	14.76Y	123.0	0.00	3.03	0.09	0	1	0	100	0.00	0.0	7.628	0.000	1	0	1	1
449220	PL.24051	C	Consumer	14.76Y	123.0	0.00	3.03	0.33	0	5	2	93	0.00	0.0	7.628	0.000	5	2	1	1
PL.6448	PL.24051	C	4ACSR	14.76Y	123.0	0.00	3.03	1.80	2	25	9	94	0.00	0.0	7.678	0.050	0	0	0	4
PL.6449	PL.6448	C	4ACSR	14.76Y	123.0	0.00	3.03	0.48	0	7	2	96	0.00	0.0	7.693	0.015	0	0	0	1
PL.1858	PL.6449	C	4ACSR	14.76Y	123.0	0.00	3.03	0.48	0	7	2	96	0.00	0.0	7.738	0.045	0	0	0	1
020206	PL.1858	C	Consumer	14.76Y	123.0	0.00	3.03	0.48	0	7	2	96	0.00	0.0	7.738	0.000	7	2	1	1
PL.1861	PL.6449	C	4ACSR	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	7.693	0.000	0	0	0	0
449221	PL.6448	C	Consumer	14.76Y	123.0	0.00	3.03	0.43	0	6	2	95	0.00	0.0	7.678	0.000	6	2	1	1
449213	PL.6448	C	Consumer	14.76Y	123.0	0.00	3.03	0.15	0	2	1	89	0.00	0.0	7.678	0.000	2	1	1	1
449212	PL.6448	C	Consumer	14.76Y	123.0	0.00	3.03	0.73	0	10	4	93	0.00	0.0	7.678	0.000	10	4	1	1

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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
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	Length (mi)					KW	KVAR		
PL.26418	PL.6450	C	4ACSR	14.75Y	122.9	0.08	3.11	29.92	25	417	144	95	0.25	0.1	7.707	0.116	0	0	0	88	
PD.392-A	PL.26418	C	Closed	14.75Y	122.9	0.00	3.11	29.92	0	417	144	95	0.00	0.0	7.707	0.000	0	0	0	88	
PD.392-B	PD.392-A	C	Closed	14.75Y	122.9	0.00	3.11	29.92	0	417	144	95	0.00	0.0	7.707	0.000	0	0	0	88	
PL.26417	PD.392-B	C	4ACSR	14.75Y	122.9	0.01	3.12	29.92	25	417	144	95	0.04	0.0	7.725	0.018	0	0	0	88	
PL.97	PL.26417	C	4ACSR	14.74Y	122.8	0.06	3.18	29.92	25	417	144	95	0.18	0.0	7.810	0.085	0	0	0	88	
439946	PL.97	C	Consumer	14.74Y	122.8	0.00	3.18	0.34	0	5	2	93	0.00	0.0	7.810	0.000	5	2	1	1	
PL.24750	PL.97	C	4ACSR	14.74Y	122.8	0.01	3.19	11.50	10	160	56	94	0.02	0.0	7.864	0.054	0	0	0	35	
PL.14640	PL.24750	C	4ACSR	14.73Y	122.8	0.02	3.21	11.01	9	153	53	94	0.02	0.0	7.944	0.080	0	0	0	32	
PL.2683	PL.14640	C	4ACSR	14.73Y	122.8	0.00	3.21	0.01	0	0	0	100	0.00	0.0	7.987	0.044	0	0	0	1	
439950	PL.2683	C	Consumer	14.73Y	122.8	0.00	3.21	0.01	0	0	0	100	0.00	0.0	7.987	0.000	0	0	1	1	
PL.14639	PL.14640	C	4ACSR	14.73Y	122.8	0.01	3.22	11.00	9	153	53	94	0.01	0.0	7.985	0.041	0	0	0	31	
PL.43706	PL.14639	C	4ACSR	14.73Y	122.8	0.00	3.22	0.52	0	7	2	96	0.00	0.0	8.002	0.017	0	0	0	2	
PD.8316	PL.43706	C	fuse6AMP	14.73Y	122.8	0.00	3.22	0.52	9	7	2	96	0.00	0.0	8.002	0.000	0	0	0	2	
PL.43705	PD.8316	C	4ACSR	14.73Y	122.8	0.00	3.22	0.52	0	7	2	96	0.00	0.0	8.052	0.051	0	0	0	2	
PL.2503	PL.43705	C	4ACSR	14.73Y	122.8	0.00	3.22	0.52	0	7	2	96	0.00	0.0	8.102	0.049	0	0	0	2	
PL.2502	PL.2503	C	4ACSR	14.73Y	122.8	0.00	3.22	0.13	0	2	1	89	0.00	0.0	8.370	0.268	0	0	0	1	
439902	PL.2502	C	Consumer	14.73Y	122.8	0.00	3.22	0.13	0	2	1	89	0.00	0.0	8.370	0.000	2	1	1	1	
439939	PL.2503	C	Consumer	14.73Y	122.8	0.00	3.22	0.39	0	5	2	93	0.00	0.0	8.102	0.000	5	2	1	1	
439904	PL.2503	C	Consumer	14.73Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	8.102	0.000	0	0	0	0	
439906	PL.14639	C	Consumer	14.73Y	122.8	0.00	3.22	0.31	0	4	2	89	0.00	0.0	7.985	0.000	4	2	1	1	
PL.24282	PL.14639	C	4ACSR	14.73Y	122.8	0.02	3.24	10.17	9	142	49	95	0.02	0.0	8.070	0.085	0	0	0	28	
439936	PL.24282	C	Consumer	14.73Y	122.8	0.00	3.24	0.69	0	10	3	96	0.00	0.0	8.070	0.000	10	3	1	1	
PL.24285	PL.24282	C	4ACSR	14.73Y	122.7	0.01	3.26	8.31	7	116	40	95	0.01	0.0	8.142	0.073	0	0	0	23	
PL.1220	PL.24285	C	4ACSR	14.73Y	122.7	0.00	3.26	7.83	7	109	38	94	0.00	0.0	8.164	0.021	0	0	0	22	
PL.1219	PL.1220	C	4ACSR	14.73Y	122.7	0.00	3.26	7.83	7	109	38	94	0.00	0.0	8.166	0.002	0	0	0	22	
439948	PL.1219	C	Consumer	14.73Y	122.7	0.00	3.26	0.07	0	1	0	100	0.00	0.0	8.166	0.000	1	0	1	1	
PL.14638	PL.1219	C	4ACSR	14.73Y	122.7	0.01	3.27	7.76	7	108	37	95	0.01	0.0	8.234	0.068	0	0	0	21	
439905	PL.14638	C	Consumer	14.73Y	122.7	0.00	3.27	0.62	0	9	3	95	0.00	0.0	8.234	0.000	9	3	1	1	
PL.2677	PL.14638	C	4ACSR	14.73Y	122.7	0.00	3.27	0.63	1	9	3	95	0.00	0.0	8.347	0.113	0	0	0	1	
PL.2506	PL.2677	C	4ACSR	14.73Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	8.526	0.178	0	0	0	0	
PL.2507	PL.2677	C	4ACSR	14.73Y	122.7	0.00	3.27	0.63	1	9	3	95	0.00	0.0	8.393	0.046	0	0	0	1	
439933	PL.2507	C	Consumer	14.73Y	122.7	0.00	3.27	0.63	0	9	3	95	0.00	0.0	8.393	0.000	9	3	1	1	
439917	PL.2507	C	Consumer	14.73Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	8.393	0.000	0	0	0	0	
439919	PL.2677	C	Consumer	14.73Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	8.347	0.000	0	0	0	0	
439934	PL.2677	C	Consumer	14.73Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	8.347	0.000	0	0	0	0	
PL.2678	PL.14638	C	4ACSR	14.73Y	122.7	0.00	3.27	1.39	1	19	7	94	0.00	0.0	8.289	0.055	0	0	0	5	
PL.6459	PL.2678	C	4ACSR	14.73Y	122.7	0.00	3.28	1.39	1	19	7	94	0.00	0.0	8.378	0.090	0	0	0	5	
PL.6460	PL.6459	C	4ACSR	14.73Y	122.7	0.00	3.28	0.54	0	8	3	94	0.00	0.0	8.455	0.077	0	0	0	2	

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\PROPOSED SUMMER 06-10 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
448246	PL.6460	C	Consumer	14.73Y	122.7	0.00	3.28	0.00	0	0	0	100	0.00	0.0	8.455	0.000	0	0	1	1
448244	PL.6460	C	Consumer	14.73Y	122.7	0.00	3.28	0.54	0	8	3	94	0.00	0.0	8.455	0.000	8	3	1	1
448243	PL.6459	C	Consumer	14.73Y	122.7	0.00	3.28	0.54	0	8	3	94	0.00	0.0	8.378	0.000	8	3	1	1
PL.24058	PL.6459	C	4ACSR	14.73Y	122.7	0.00	3.28	0.30	0	4	1	97	0.00	0.0	8.419	0.041	0	0	0	2
448256	PL.24058	C	Consumer	14.73Y	122.7	0.00	3.28	0.27	0	4	1	97	0.00	0.0	8.419	0.000	4	1	1	1
4482079	PL.24058	C	Consumer	14.73Y	122.7	0.00	3.28	0.04	0	1	0	100	0.00	0.0	8.419	0.000	1	0	1	1
PL.14637	PL.14638	C	4ACSR	14.73Y	122.7	0.02	3.29	5.12	4	71	25	94	0.01	0.0	8.372	0.138	0	0	0	14
438907	PL.14637	C	Consumer	14.73Y	122.7	0.00	3.29	0.33	0	5	2	93	0.00	0.0	8.372	0.000	5	2	1	1
PL.45840	PL.14637	C	4ACSR	14.72Y	122.7	0.01	3.30	4.79	4	67	23	95	0.01	0.0	8.468	0.096	0	0	0	13
PL.45842	PL.45840	C	4ACSR	14.72Y	122.7	0.00	3.30	0.92	1	13	4	96	0.00	0.0	8.498	0.030	0	0	0	3
PL.2508	PL.45842	C	4ACSR	14.72Y	122.7	0.00	3.30	0.92	1	13	4	96	0.00	0.0	8.584	0.086	0	0	0	3
PL.2684	PL.2508	C	4ACSR	14.72Y	122.7	0.00	3.30	0.55	0	8	3	94	0.00	0.0	8.634	0.050	0	0	0	1
438940	PL.2684	C	Consumer	14.72Y	122.7	0.00	3.30	0.55	0	8	3	94	0.00	0.0	8.634	0.000	8	3	1	1
PL.45838	PL.2508	C	4ACSR	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	8.664	0.080	0	0	0	1
438917	PL.45838	C	Consumer	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	8.664	0.000	0	0	1	1
PL.45839	PL.45838	C	4ACSR	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	8.752	0.089	0	0	0	0
438914	PL.45839	C	Consumer	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	8.752	0.000	0	0	0	0
438906	PL.2508	C	Consumer	14.72Y	122.7	0.00	3.30	0.37	0	5	2	93	0.00	0.0	8.584	0.000	5	2	1	1
PL.45971	PL.45842	C	2ACSR	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	8.671	0.174	0	0	0	0
PL.45972	PL.45971	C	2ACSR	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	8.741	0.070	0	0	0	0
PL.45973	PL.45972	C	2ACSR	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	8.780	0.039	0	0	0	0
PL.45975	PL.45973	C	2ACSR	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	8.835	0.055	0	0	0	0
PL.45976	PL.45975	C	2ACSR	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	8.861	0.026	0	0	0	0
PL.45979	PL.45976	C	2ACSR	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	8.886	0.025	0	0	0	0
4389047	PL.45979	C	Consumer	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	8.886	0.000	0	0	0	0
4389046	PL.45979	C	Consumer	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	8.886	0.000	0	0	0	0
PL.45980	PL.45979	C	2ACSR	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	8.913	0.027	0	0	0	0
PL.45977	PL.45980	C	2ACSR	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	8.940	0.026	0	0	0	0
PL.45978	PL.45977	C	2ACSR	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	8.980	0.040	0	0	0	0
PL.45846	PL.45972	C	2ACSR	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	8.848	0.107	0	0	0	0
PL.45841	PL.45840	C	4ACSR	14.72Y	122.7	0.00	3.30	3.87	3	54	19	94	0.00	0.0	8.470	0.002	0	0	0	10
PL.6453	PL.45841	C	4ACSR	14.72Y	122.7	0.01	3.31	3.87	3	54	19	94	0.00	0.0	8.596	0.125	0	0	0	10
448232	PL.6453	C	Consumer	14.72Y	122.7	0.00	3.31	0.00	0	0	0	100	0.00	0.0	8.596	0.000	0	0	1	1
PL.14634	PL.6453	C	4ACSR	14.72Y	122.7	0.01	3.32	3.87	3	54	19	94	0.00	0.0	8.689	0.094	0	0	0	9
PL.24069	PL.14634	C	4ACSR	14.72Y	122.7	0.00	3.32	0.47	0	7	2	96	0.00	0.0	8.777	0.087	0	0	0	1
448234	PL.24069	C	Consumer	14.72Y	122.7	0.00	3.32	0.47	0	7	2	96	0.00	0.0	8.777	0.000	7	2	1	1
PL.14633	PL.14634	C	4ACSR	14.72Y	122.7	0.00	3.32	3.40	3	47	16	95	0.00	0.0	8.741	0.052	0	0	0	8
448201	PL.14633	C	Consumer	14.72Y	122.7	0.00	3.32	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\SUMMER\PROPOSED SUMMER 06-10 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				
448267	PL.14633	C	Consumer	14.72Y	122.7	0.00	3.32	0.29	0	4	1	97	0.00	0.0	8.741	0.000	4	1	1	1
PL.14632	PL.14633	C	4ACSR	14.72Y	122.7	0.01	3.33	3.11	3	43	15	94	0.00	0.0	8.883	0.142	0	0	0	6
PL.14631	PL.14632	C	4ACSR	14.72Y	122.7	0.01	3.34	2.67	2	37	13	94	0.00	0.0	8.985	0.102	0	0	0	5
PL.6454	PL.14631	C	4ACSR	14.72Y	122.7	0.00	3.34	0.58	0	8	3	94	0.00	0.0	9.093	0.108	0	0	0	1
PL.14630	PL.6454	C	4ACSR	14.72Y	122.7	0.00	3.34	0.58	0	8	3	94	0.00	0.0	9.118	0.024	0	0	0	1
PL.26713	PL.14630	C	4ACSR	14.72Y	122.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	9.146	0.028	0	0	0	0
PL.14628	PL.26713	C	4ACSR	14.72Y	122.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	9.221	0.075	0	0	0	0
448261	PL.14628	C	Consumer	14.72Y	122.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	9.221	0.000	0	0	0	0
PL.24048	PL.14630	C	4ACSR	14.72Y	122.7	0.00	3.34	0.58	0	8	3	94	0.00	0.0	9.231	0.113	0	0	0	1
448226	PL.24048	C	Consumer	14.72Y	122.7	0.00	3.34	0.58	0	8	3	94	0.00	0.0	9.231	0.000	8	3	1	1
PL.14629	PL.14630	C	4ACSR	14.72Y	122.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	9.162	0.044	0	0	0	0
PD.2660	PL.14629	C	50V4E	14.72Y	122.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	9.162	0.000	0	0	0	0
PL.30858	PD.2660	C	4ACSR	14.72Y	122.7	0.00	3.34	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	14.72Y	122.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	9.191	0.000	0	0	0	0
PL.2768	PL.14631	C	4ACSR	14.72Y	122.7	0.00	3.34	1.00	1	14	5	94	0.00	0.0	9.068	0.083	0	0	0	2
448230	PL.2768	C	Consumer	14.72Y	122.7	0.00	3.34	0.55	0	8	3	94	0.00	0.0	9.068	0.000	8	3	1	1
448233	PL.2768	C	Consumer	14.72Y	122.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	9.068	0.000	0	0	0	0
448240	PL.2768	C	Consumer	14.72Y	122.7	0.00	3.34	0.45	0	6	2	95	0.00	0.0	9.068	0.000	6	2	1	1
448202	PL.14631	C	Consumer	14.72Y	122.7	0.00	3.34	0.74	0	10	4	93	0.00	0.0	8.985	0.000	10	4	1	1
448205	PL.14631	C	Consumer	14.72Y	122.7	0.00	3.34	0.35	0	5	2	93	0.00	0.0	8.985	0.000	5	2	1	1
PL.24047	PL.14632	C	4ACSR	14.72Y	122.7	0.00	3.33	0.44	0	6	2	95	0.00	0.0	8.945	0.062	0	0	0	1
448223	PL.24047	C	Consumer	14.72Y	122.7	0.00	3.33	0.44	0	6	2	95	0.00	0.0	8.945	0.000	6	2	1	1
439947	PL.24285	C	Consumer	14.73Y	122.7	0.00	3.26	0.48	0	7	2	96	0.00	0.0	8.142	0.000	7	2	1	1
PL.2505	PL.24282	C	4ACSR	14.73Y	122.8	0.00	3.24	1.18	1	16	6	94	0.00	0.0	8.134	0.065	0	0	0	4
PL.2674	PL.2505	C	4ACSR	14.73Y	122.8	0.00	3.24	0.33	0	5	2	93	0.00	0.0	8.180	0.045	0	0	0	1
439943	PL.2674	C	Consumer	14.73Y	122.8	0.00	3.24	0.33	0	5	2	93	0.00	0.0	8.180	0.000	5	2	1	1
439928	PL.2505	C	Consumer	14.73Y	122.8	0.00	3.24	0.53	0	7	3	92	0.00	0.0	8.134	0.000	7	3	1	1
439918	PL.2505	C	Consumer	14.73Y	122.8	0.00	3.24	0.17	0	2	1	89	0.00	0.0	8.134	0.000	2	1	1	1
439916	PL.2505	C	Consumer	14.73Y	122.8	0.00	3.24	0.14	0	2	1	89	0.00	0.0	8.134	0.000	2	1	1	1
439938	PL.24750	C	Consumer	14.74Y	122.8	0.00	3.19	0.27	0	4	1	97	0.00	0.0	7.864	0.000	4	1	1	1
439910	PL.24750	C	Consumer	14.74Y	122.8	0.00	3.19	0.01	0	0	0	100	0.00	0.0	7.864	0.000	0	0	1	1
439907	PL.24750	C	Consumer	14.74Y	122.8	0.00	3.19	0.21	0	3	1	95	0.00	0.0	7.864	0.000	3	1	1	1
PL.19969	PL.97	C	4ACSR	14.74Y	122.8	0.01	3.18	16.37	14	228	79	94	0.01	0.0	7.827	0.016	0	0	0	47
PL.19970	PL.19969	C	4ACSR	14.74Y	122.8	0.01	3.19	15.61	13	218	75	95	0.01	0.0	7.841	0.014	0	0	0	45
439952	PL.19970	C	Consumer	14.74Y	122.8	0.00	3.19	0.12	0	2	1	89	0.00	0.0	7.841	0.000	2	1	1	1
439937	PL.19970	C	Consumer	14.74Y	122.8	0.00	3.19	0.09	0	1	1	71	0.00	0.0	7.841	0.000	1	1	1	1
PL.14645	PL.19970	C	4ACSR	14.74Y	122.8	0.01	3.19	14.59	12	203	70	95	0.01	0.0	7.856	0.015	0	0	0	40
PD.2652	PL.14645	C	25V4E	14.74Y	122.8	0.00	3.19	14.59	58	203	70	95	0.00	0.0	7.856	0.000	0	0	0	40