

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
BLEVINS VALLEY		A	BLEVINS VA	7.56Y	126.0	0.00	0.00	168.85	0	1256	230	98	0.00	0.0	0.000	0.000	0	0	0	361
		B		7.56Y	126.0	0.00	0.00	134.78	0	1010	135	99			0	0	0	0	288	
		C		7.56Y	126.0	0.00	0.00	112.38	0	846	78	100			0	0	0	0	232	
PL.29101	BLEVINS VALLEY	A	336ACSR	7.56Y	126.0	0.00	0.00	33.58	8	254	-10	-100	0.00	0.0	0.003	0.003	0	0	0	75
		B		7.56Y	126.0	-0.00	-0.00	14.26	3	68	-84	-63			0	0	0	0	21	
		C		7.56Y	126.0	-0.00	-0.00	14.03	3	13	-105	-12			0	0	0	0	5 P	
PL.46602	PL.29101	A	336ACSR	7.56Y	126.0	0.00	0.00	33.58	8	254	-10	-100	0.00	0.0	0.003	0.000	0	0	0	75
		B		7.56Y	126.0	-0.00	-0.00	14.26	3	68	-84	-63			0	0	0	0	21	
		C		7.56Y	126.0	-0.00	-0.00	14.03	3	13	-105	-12			0	0	0	0	5 P	
PL.46603	PL.46602	A	336ACSR	7.56Y	126.0	0.00	0.00	33.58	8	254	-10	-100	0.00	0.0	0.006	0.003	0	0	0	75
		B		7.56Y	126.0	-0.00	-0.00	14.26	3	68	-84	-63			0	0	0	0	21	
		C		7.56Y	126.0	-0.00	-0.00	14.03	3	13	-105	-12			0	0	0	0	5 P	
----- Feeder No. 3 (BLEVAL3) Beginning with Device PD.2460 -----																				
PD.2460	PL.46603	A	VVVE	7.56Y	126.0	0.00	0.00	33.58	0	254	-10	-100	0.00	0.0	0.006	0.000	0	0	0	75
		B		7.56Y	126.0	0.00	-0.00	14.26	0	68	-84	-63			0	0	0	0	21	
		C		7.56Y	126.0	0.00	-0.00	14.03	0	13	-105	-12			0	0	0	0	5	
PL.25915	PD.2460	A	336ACSR	7.56Y	126.0	0.02	0.02	33.58	8	254	-10	-100	0.03	0.0	0.060	0.054	0	0	0	75
		B		7.56Y	126.0	-0.02	-0.02	14.26	3	68	-84	-63			0	0	0	0	21	
		C		7.56Y	126.0	-0.01	-0.01	14.03	3	13	-105	-12			0	0	0	0	5 P	
PL.25916	PL.25915	A	336ACSR	7.56Y	126.0	0.01	0.03	33.58	8	254	-10	-100	0.02	0.0	0.100	0.040	0	0	0	75
		B		7.56Y	126.0	-0.01	-0.03	14.26	3	68	-84	-63			0	0	0	0	21	
		C		7.56Y	126.0	-0.00	-0.01	14.23	3	8	-107	-7			0	0	0	0	4 P	
PL.25907	PL.25916	A	336ACSR	7.56Y	125.9	0.03	0.06	33.58	8	254	-10	-100	0.05	0.0	0.195	0.094	0	0	0	75
		B		7.56Y	126.1	-0.03	-0.06	14.26	3	68	-84	-63			0	0	0	0	21	
		C		7.56Y	126.0	-0.01	-0.02	14.23	3	8	-107	-7			0	0	0	0	4 P	
PL.25908	PL.25907	A	336ACSR	7.56Y	125.9	0.02	0.08	33.58	8	254	-10	-100	0.03	0.0	0.259	0.064	0	0	0	75
		B		7.56Y	126.1	-0.02	-0.07	13.99	3	61	-87	-57			0	0	0	0	19	
		C		7.56Y	126.0	-0.01	-0.03	14.23	3	8	-107	-7			0	0	0	0	4 P	
PL.25911	PL.25908	A	1/0CU	7.55Y	125.9	0.04	0.12	33.58	13	253	-10	-100	0.07	0.0	0.328	0.069	0	0	0	75
		B		7.57Y	126.1	-0.02	-0.09	13.99	5	61	-87	-57			0	0	0	0	19	
		C		7.56Y	126.0	-0.01	-0.04	14.23	5	8	-107	-7			0	0	0	0	4 P	
PL.25912	PL.25911	A	1/0CU	7.55Y	125.8	0.07	0.19	33.58	13	253	-10	-100	0.14	0.0	0.460	0.132	0	0	0	75
		B		7.57Y	126.1	-0.04	-0.14	13.84	5	56	-89	-53			0	0	0	0	18	
		C		7.56Y	126.1	-0.02	-0.06	14.23	5	8	-107	-7			0	0	0	0	4 P	
PL.11095	PL.25912	A	1/0CU	7.55Y	125.8	0.04	0.22	33.58	13	253	-10	-100	0.08	0.0	0.532	0.072	0	0	0	75
		B		7.57Y	126.2	-0.02	-0.16	13.70	5	50	-91	-48			0	0	0	0	16 P	
		C		7.56Y	126.1	-0.01	-0.07	14.23	5	8	-107	-7			0	0	0	0	4 P	
PL.11097	PL.11095	B	4ACSR	7.57Y	126.2	0.00	-0.16	0.75	1	5	2	93	0.00	0.0	0.554	0.022	0	0	0	1
PD.1444	PL.11097	B	fuse6AMP	7.57Y	126.2	0.00	-0.16	0.75	13	5	2	93	0.00	0.0	0.554	0.000	0	0	0	1
PL.11098	PD.1444	B	4ACSR	7.57Y	126.2	0.00	-0.16	0.75	1	5	2	93	0.00	0.0	0.629	0.075	0	0	0	1
445619	PL.11098	B	Consumer	7.57Y	126.2	0.00	-0.16	0.75	0	5	2	93	0.00	0.0	0.629	0.000	5	2	1	1
PL.11096	PL.11095	A	1/0CU	7.54Y	125.7	0.03	0.25	33.58	13	253	-10	-100	0.06	0.0	0.592	0.061	0	0	0	75
		B		7.57Y	126.2	-0.02	-0.18	13.62	5	45	-93	-43			0	0	0	0	15 P	
		C		7.56Y	126.1	-0.01	-0.08	14.23	5	8	-107	-7			0	0	0	0	4 P	
445620	PL.11096	A	Consumer	7.54Y	125.7	0.00	0.25	0.45	0	3	1	95	0.00	0.0	0.592	0.000	3	1	1	1
PL.11099	PL.11096	A	4ACSR	7.54Y	125.7	0.00	0.25	1.08	1	8	3	94	0.00	0.0	0.605	0.013	0	0	0	1
PD.1445	PL.11099	A	fuse6AMP	7.54Y	125.7	0.00	0.25	1.08	18	8	3	94	0.00	0.0	0.605	0.000	0	0	0	1
PL.11100	PD.1445	A	4ACSR	7.54Y	125.7	0.00	0.26	1.08	1	8	3	94	0.00	0.0	0.676	0.071	0	0	0	1
445628	PL.11100	A	Consumer	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	0.676	0.000	0	0	0	0
445623	PL.11100	A	Consumer	7.54Y	125.7	0.00	0.26	1.08	0	8	3	94	0.00	0.0	0.676	0.000	8	3	1	1
445616	PL.11100	A	Consumer	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	0.676	0.000	0	0	0	0

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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.20174, PL.20175, PL.11101, etc.

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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	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	kW Loss									
PL.11115	PL.11114	A	4ACSR	7.48Y	124.6	0.01	1.35	18.06	15	126	49	93	0.01	0.0	1.898	0.008	0	0	0	37	
PD.373-A	PL.11115	A	Closed	7.48Y	124.6	0.00	1.35	18.06	0	126	49	93	0.00	0.0	1.898	0.000	0	0	0	37	
PD.373-B	PD.373-A	A	Closed	7.48Y	124.6	0.00	1.35	18.06	0	126	49	93	0.00	0.0	1.898	0.000	0	0	0	37	
PL.11116	PD.373-B	A	4ACSR	7.46Y	124.4	0.24	1.60	18.06	15	126	49	93	0.23	0.2	2.190	0.292	0	0	0	37	
PL.24751	PL.11116	A	4ACSR	7.45Y	124.1	0.32	1.91	15.76	13	110	43	93	0.26	0.2	2.627	0.437	0	0	0	32	
PL.24752	PL.24751	A	4ACSR	7.44Y	124.1	0.01	1.92	15.48	13	107	42	93	0.01	0.0	2.644	0.017	0	0	0	31	
PL.11117	PL.24752	A	4ACSR	7.44Y	124.0	0.03	1.96	15.48	13	107	42	93	0.03	0.0	2.691	0.047	0	0	0	31	
PD.374-A	PL.11117	A	Closed	7.44Y	124.0	0.00	1.96	15.48	0	107	42	93	0.00	0.0	2.691	0.000	0	0	0	31	
PD.374-B	PD.374-A	A	Closed	7.44Y	124.0	0.00	1.96	15.48	0	107	42	93	0.00	0.0	2.691	0.000	0	0	0	31	
PL.11118	PD.374-B	A	4ACSR	7.44Y	123.9	0.10	2.05	15.48	13	107	42	93	0.08	0.1	2.825	0.134	0	0	0	31	
PL.11119	PL.11118	A	4ACSR	7.43Y	123.8	0.14	2.19	14.19	12	98	38	93	0.10	0.1	3.037	0.212	0	0	0	29	
PL.11120	PL.11119	A	4ACSR	7.42Y	123.7	0.07	2.26	13.46	11	93	36	93	0.05	0.0	3.143	0.106	0	0	0	26	
PL.6554	PL.11120	A	4ACSR	7.42Y	123.7	0.05	2.31	13.33	11	92	36	93	0.04	0.0	3.232	0.089	0	0	0	25	
447707	PL.6554	A	Consumer	7.42Y	123.7	0.00	2.31	0.74	0	5	2	93	0.00	0.0	3.232	0.000	5	2	1	1	
PL.11123	PL.6554	A	4ACSR	7.42Y	123.7	0.03	2.34	12.60	11	87	34	93	0.02	0.0	3.279	0.047	0	0	0	24	
PD.376-A	PL.11123	A	Closed	7.42Y	123.7	0.00	2.34	12.60	0	87	34	93	0.00	0.0	3.279	0.000	0	0	0	24	
PD.376-B	PD.376-A	A	Closed	7.42Y	123.7	0.00	2.34	12.60	0	87	34	93	0.00	0.0	3.279	0.000	0	0	0	24	
PL.11124	PD.376-B	A	4ACSR	7.42Y	123.7	0.00	2.34	12.60	11	87	34	93	0.00	0.0	3.286	0.007	0	0	0	24	
PL.12212	PL.11124	A	4ACSR	7.41Y	123.4	0.22	2.56	12.60	11	87	34	93	0.15	0.2	3.670	0.384	0	0	0	24	
PD.377-A	PL.12212	A	Closed	7.41Y	123.4	0.00	2.56	12.60	0	87	34	93	0.00	0.0	3.670	0.000	0	0	0	24	
PD.377-B	PD.377-A	A	Closed	7.41Y	123.4	0.00	2.56	12.60	0	87	34	93	0.00	0.0	3.670	0.000	0	0	0	24	
PL.17706	PD.377-B	A	4ACSR	7.41Y	123.4	0.01	2.57	12.60	11	87	34	93	0.00	0.0	3.680	0.010	0	0	0	24	
PL.12211	PL.17706	A	4ACSR	7.41Y	123.4	0.00	2.57	0.00	0	0	0	100	0.00	0.0	3.694	0.014	0	0	0	0	
PD.378-A	PL.12211	A	Open	7.41Y	123.4	0.00	2.57	0.00	0	0	0	100	0.00	0.0	3.694	0.000	0	0	0	0	
PL.17707	PL.17706	A	4ACSR	7.41Y	123.4	0.00	2.57	12.60	11	87	34	93	0.00	0.0	3.681	0.002	0	0	0	24	
PL.20294	PL.17707	A	4ACSR	7.41Y	123.4	0.01	2.58	12.60	11	87	34	93	0.00	0.0	3.693	0.012	0	0	0	24	
PD.2744-A	PL.20294	A	Closed	7.41Y	123.4	0.00	2.58	12.60	0	87	34	93	0.00	0.0	3.693	0.000	0	0	0	24	
PD.2744-B	PD.2744-A	A	Closed	7.41Y	123.4	0.00	2.58	12.60	0	87	34	93	0.00	0.0	3.693	0.000	0	0	0	24	
PL.20293	PD.2744-B	A	4ACSR	7.40Y	123.4	0.03	2.61	12.60	11	87	34	93	0.02	0.0	3.746	0.052	0	0	0	24	
PL.22173	PL.20293	A	4ACSR	7.40Y	123.3	0.08	2.69	12.36	10	85	33	93	0.05	0.1	3.887	0.141	0	0	0	23	
447706	PL.22173	A	Consumer	7.40Y	123.3	0.00	2.69	0.33	0	2	1	89	0.00	0.0	3.887	0.000	2	1	1	1	
PL.11863	PL.22173	A	4ACSR	7.39Y	123.2	0.12	2.81	12.04	10	83	32	93	0.08	0.1	4.105	0.219	0	0	0	22	
PL.24040	PL.11863	A	4ACSR	7.39Y	123.2	0.00	2.81	0.66	1	5	2	93	0.00	0.0	4.167	0.061	0	0	0	1	
447709	PL.24040	A	Consumer	7.39Y	123.2	0.00	2.81	0.66	0	5	2	93	0.00	0.0	4.167	0.000	5	2	1	1	
PL.12215	PL.11863	A	4ACSR	7.39Y	123.1	0.11	2.91	11.37	10	78	30	93	0.06	0.1	4.309	0.203	0	0	0	21	
PD.375-A	PL.12215	A	Closed	7.39Y	123.1	0.00	2.91	11.37	0	78	30	93	0.00	0.0	4.309	0.000	0	0	0	21	
PD.375-B	PD.375-A	A	Closed	7.39Y	123.1	0.00	2.91	11.37	0	78	30	93	0.00	0.0	4.309	0.000	0	0	0	21	
PL.12214	PD.375-B	A	4ACSR	7.38Y	123.1	0.01	2.92	11.37	10	78	30	93	0.00	0.0	4.322	0.013	0	0	0	21	

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

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\EXISTING JUL05 CWP.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.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

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\EXISTING JUL05 CWP.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.115, PL.14816, PL.29061, PD.387-A, PL.11849, PD.1461, PL.11850, 445547, PL.2756, PD.1462, PL.24910, 445542, 445534, PL.24911, PL.24912, 445538, 445530, 445544, 445533, PL.35049, 4455056, 445548, 445539, PL.43723, 4455063, PL.43724, PL.36768, PL.45799, PL.45800, 4455065, 4455060, PL.36481, 4455057, PL.2757.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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 rows for various elements like 445537, 4455064, 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\EXISTING JUL05 CWP.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.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
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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
PL.46078	PL.34619	A	4ACSR	7.51Y	125.2	0.00	0.78	1.22	1	9	3	95	0.00	0.0	1.676	0.018	0	0	0	1
4455067	PL.46078	A	Consumer	7.51Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	1.676	0.000	0	0	0	0
PL.46079	PL.46078	A	4ACSR	7.51Y	125.2	0.00	0.78	1.22	1	9	3	95	0.00	0.0	1.711	0.035	0	0	0	1
4455066	PL.46079	A	Consumer	7.51Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	1.711	0.000	0	0	0	0
445551	PL.46079	A	Consumer	7.51Y	125.2	0.00	0.78	1.22	0	9	3	95	0.00	0.0	1.711	0.000	9	3	1	1
PL.2755	PL.36531	A	4ACSR	7.51Y	125.2	0.00	0.78	1.84	2	13	5	93	0.00	0.0	1.632	0.028	0	0	0	3
445552	PL.2755	A	Consumer	7.51Y	125.2	0.00	0.78	0.58	0	4	2	89	0.00	0.0	1.632	0.000	4	2	1	1
445553	PL.2755	A	Consumer	7.51Y	125.2	0.00	0.78	1.01	0	7	3	92	0.00	0.0	1.632	0.000	7	3	1	1
4455062	PL.2755	A	Consumer	7.51Y	125.2	0.00	0.78	0.25	0	2	1	89	0.00	0.0	1.632	0.000	2	1	1	1
4455054	PL.36531	A	Consumer	7.51Y	125.2	0.00	0.78	0.49	0	3	1	95	0.00	0.0	1.604	0.000	3	1	1	1
445546	PL.11130	A	Consumer	7.52Y	125.3	0.00	0.75	0.55	0	4	1	97	0.00	0.0	1.446	0.000	4	1	1	1
445510	PL.11127	A	Consumer	7.52Y	125.3	0.00	0.68	0.05	0	0	0	100	0.00	0.0	1.292	0.000	0	0	1	1
445608	PL.11127	A	Consumer	7.52Y	125.3	0.00	0.68	0.33	0	2	1	89	0.00	0.0	1.292	0.000	2	1	1	1
PL.14817	PL.11103	B	4ACSR	7.57Y	126.2	0.00	-0.21	0.56	0	4	2	89	0.00	0.0	0.756	0.003	0	0	0	1
PD.1441	PL.14817	B	fuse6AMP	7.57Y	126.2	0.00	-0.21	0.56	10	4	2	89	0.00	0.0	0.756	0.000	0	0	0	1
PL.14437	PD.1441	B	4ACSR	7.57Y	126.2	0.00	-0.21	0.56	0	4	2	89	0.00	0.0	0.793	0.037	0	0	0	1
445612	PL.14437	B	Consumer	7.57Y	126.2	0.00	-0.21	0.56	0	4	2	89	0.00	0.0	0.793	0.000	4	2	1	1
P CP.11	PL.20174	A	Cap (300)	7.54Y	125.7	0.00	0.27	-14.55	0	0	-110	0	0.00	0.0	0.625	0.000	0	0	0	0
		B		7.57Y	126.2	0.00	-0.19	-14.61	0	0	-111	0			0		0	0	0	0
		C		7.56Y	126.1	0.00	-0.08	-14.59	0	0	-110	0			0		0	0	0	0
445622	PL.25912	B	Consumer	7.57Y	126.1	0.00	-0.14	0.00	0	0	0	100	0.00	0.0	0.460	0.000	0	0	0	0
445633	PL.25912	B	Consumer	7.57Y	126.1	0.00	-0.14	0.18	0	1	0	100	0.00	0.0	0.460	0.000	1	0	1	1
445613	PL.25912	A	Consumer	7.55Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.460	0.000	0	0	0	0
4456039	PL.25912	B	Consumer	7.57Y	126.1	0.00	-0.14	0.00	0	0	0	100	0.00	0.0	0.460	0.000	0	0	0	0
445630	PL.25912	B	Consumer	7.57Y	126.1	0.00	-0.14	0.64	0	5	2	93	0.00	0.0	0.460	0.000	5	2	1	1
PL.25913	PL.25911	B	4ACSR	7.57Y	126.1	0.00	-0.09	0.72	1	5	2	93	0.00	0.0	0.330	0.002	0	0	0	1
PD.1443	PL.25913	B	fuse6AMP	7.57Y	126.1	0.00	-0.09	0.72	12	5	2	93	0.00	0.0	0.330	0.000	0	0	0	1
PL.25914	PD.1443	B	4ACSR	7.57Y	126.1	0.00	-0.09	0.72	1	5	2	93	0.00	0.0	0.356	0.026	0	0	0	1
445636	PL.25914	B	Consumer	7.57Y	126.1	0.00	-0.09	0.72	0	5	2	93	0.00	0.0	0.356	0.000	5	2	1	1
PL.25909	PL.25907	B	4ACSR	7.56Y	126.1	0.00	-0.05	0.98	1	7	3	92	0.00	0.0	0.197	0.003	0	0	0	2
PD.1442	PL.25909	B	fuse6AMP	7.56Y	126.1	0.00	-0.05	0.98	17	7	3	92	0.00	0.0	0.197	0.000	0	0	0	2
PL.25910	PD.1442	B	4ACSR	7.56Y	126.1	0.00	-0.05	0.98	1	7	3	92	0.00	0.0	0.217	0.020	0	0	0	2
445625	PL.25910	B	Consumer	7.56Y	126.1	0.00	-0.05	0.00	0	0	0	100	0.00	0.0	0.217	0.000	0	0	0	0
PL.24289	PL.25910	B	4ACSR	7.56Y	126.1	0.00	-0.05	0.98	1	7	3	92	0.00	0.0	0.253	0.036	0	0	0	2
PL.24288	PL.24289	B	4ACSR	7.56Y	126.1	0.00	-0.05	0.98	1	7	3	92	0.00	0.0	0.253	0.000	0	0	0	2
445624	PL.24288	B	Consumer	7.56Y	126.1	0.00	-0.05	0.29	0	2	1	89	0.00	0.0	0.253	0.000	2	1	1	1
PL.24021	PL.24288	B	4ACSR	7.56Y	126.0	0.00	-0.05	0.69	1	5	2	93	0.00	0.0	0.359	0.106	0	0	0	1
445632	PL.24021	B	Consumer	7.56Y	126.0	0.00	-0.05	0.69	0	5	2	93	0.00	0.0	0.359	0.000	5	2	1	1
PL.2300	PL.25915	C	4ACSR	7.56Y	126.0	0.00	-0.01	0.75	1	5	2	93	0.00	0.0	0.100	0.040	0	0	0	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.25905	PL.25904	A	336ACSR	15.07Y	125.6	0.02	0.41	42.00	10	588	234	93	0.08	0.0	0.661	0.109	0	0	0	166		
		B		15.10Y	125.9	-0.01	0.13	11.05	2	156	60	93					0	0	0	62		
		C		15.09Y	125.8	0.02	0.22	20.65	5	290	114	93					0	0	0	85		
444665	PL.25905	B	Consumer	15.10Y	125.9	0.00	0.13	0.23	0	3	1	95	0.00	0.0	0.661	0.000	3	1	1	1		
444630	PL.25905	B	Consumer	15.10Y	125.9	0.00	0.13	0.39	0	6	2	95	0.00	0.0	0.661	0.000	6	2	1	1		
PL.10504	PL.25905	C	4ACSR	15.09Y	125.8	0.00	0.22	0.38	0	5	2	93	0.00	0.0	0.666	0.006	0	0	0	1		
PD.1078	PL.10504	C	fuse6AMP	15.09Y	125.8	0.00	0.22	0.38	6	5	2	93	0.00	0.0	0.666	0.000	0	0	0	1		
PL.10505	PD.1078	C	4ACSR	15.09Y	125.8	0.00	0.22	0.38	0	5	2	93	0.00	0.0	0.708	0.042	0	0	0	1		
444661	PL.10505	C	Consumer	15.09Y	125.8	0.00	0.22	0.38	0	5	2	93	0.00	0.0	0.708	0.000	5	2	1	1		
PL.20295	PL.25905	B	4ACSR	15.10Y	125.9	0.00	0.13	1.15	1	16	6	94	0.00	0.0	0.663	0.003	0	0	0	4		
PD.2673	PL.20295	B	fuse6AMP	15.10Y	125.9	0.00	0.13	1.15	20	16	6	94	0.00	0.0	0.663	0.000	0	0	0	4		
PL.20296	PD.2673	B	4ACSR	15.10Y	125.9	0.00	0.13	1.15	1	16	6	94	0.00	0.0	0.722	0.058	0	0	0	4		
444685	PL.20296	B	Consumer	15.10Y	125.9	0.00	0.13	0.22	0	3	1	95	0.00	0.0	0.722	0.000	3	1	1	1		
4446097	PL.20296	B	Consumer	15.10Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	0.722	0.000	0	0	0	0		
444635	PL.20296	B	Consumer	15.10Y	125.9	0.00	0.13	0.31	0	4	2	89	0.00	0.0	0.722	0.000	4	2	1	1		
PL.23283	PL.20296	B	4ACSR	15.10Y	125.9	0.00	0.13	0.62	1	9	3	95	0.00	0.0	0.784	0.062	0	0	0	2		
PL.23287	PL.23283	B	4ACSR	15.10Y	125.9	0.00	0.13	0.42	0	6	2	95	0.00	0.0	0.855	0.071	0	0	0	1		
PL.23288	PL.23287	B	4ACSR	15.10Y	125.9	0.00	0.13	0.42	0	6	2	95	0.00	0.0	0.856	0.000	0	0	0	1		
444650	PL.23288	B	Consumer	15.10Y	125.9	0.00	0.13	0.42	0	6	2	95	0.00	0.0	0.856	0.000	6	2	1	1		
444634	PL.23283	B	Consumer	15.10Y	125.9	0.00	0.13	0.19	0	3	1	95	0.00	0.0	0.784	0.000	3	1	1	1		
PL.46545	PL.25905	A	336ACSR	15.07Y	125.6	0.00	0.42	42.00	10	588	234	93	0.02	0.0	0.684	0.023	0	0	0	166		
		B		15.10Y	125.9	-0.00	0.13	9.28	2	131	51	93					0	0	0	56		
		C		15.09Y	125.8	0.00	0.22	20.27	5	285	112	93					0	0	0	84		
PL.46547	PL.46545	A	2ACSR	15.07Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	0.693	0.009	0	0	0	0		
PD.8755	PL.46547	A	fuse6AMP	15.07Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	0.693	0.000	0	0	0	0		
PL.46548	PD.8755	A	2ACSR	15.07Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	0.760	0.068	0	0	0	0		
4446103	PL.46548	A	Consumer	15.07Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	0.760	0.000	0	0	0	0		
PL.46546	PL.46545	A	336ACSR	15.07Y	125.6	0.01	0.43	42.00	10	588	234	93	0.03	0.0	0.726	0.042	0	0	0	166		
		B		15.11Y	125.9	-0.00	0.12	9.28	2	131	51	93					0	0	0	56		
		C		15.09Y	125.8	0.01	0.23	20.27	5	285	112	93					0	0	0	84		
PL.6856	PL.46546	A	336ACSR	15.07Y	125.6	0.01	0.43	42.00	10	588	234	93	0.03	0.0	0.761	0.035	0	0	0	166		
		B		15.11Y	125.9	-0.00	0.12	9.20	2	130	50	93					0	0	0	54		
		C		15.09Y	125.8	0.01	0.24	20.27	5	285	112	93					0	0	0	84		
PL.6857	PL.6856	A	336ACSR	15.07Y	125.6	0.02	0.45	39.86	9	558	222	93	0.06	0.0	0.851	0.090	0	0	0	160		
		B		15.11Y	125.9	-0.01	0.11	6.71	2	95	37	93					0	0	0	40		
		C		15.09Y	125.8	0.01	0.25	20.27	5	285	112	93					0	0	0	84		
444613	PL.6857	B	Consumer	15.11Y	125.9	0.00	0.11	0.12	0	2	1	89	0.00	0.0	0.851	0.000	2	1	1	1		
444628	PL.6857	B	Consumer	15.11Y	125.9	0.00	0.11	0.27	0	4	1	97	0.00	0.0	0.851	0.000	4	1	1	1		
PL.9701	PL.6857	A	336ACSR	15.07Y	125.5	0.01	0.46	39.86	9	558	222	93	0.03	0.0	0.891	0.040	0	0	0	160		
		B		15.11Y	125.9	-0.00	0.11	6.33	1	89	35	93					0	0	0	38		
		C		15.09Y	125.7	0.01	0.26	20.27	5	285	112	93					0	0	0	84		
444612	PL.9701	B	Consumer	15.11Y	125.9	0.00	0.11	0.12	0	2	1	89	0.00	0.0	0.891	0.000	2	1	1	1		
PL.9702	PL.9701	A	336ACSR	15.06Y	125.5	0.00	0.46	39.86	9	558	222	93	0.01	0.0	0.913	0.022	0	0	0	160		
		B		15.11Y	125.9	-0.00	0.11	6.21	1	87	34	93					0	0	0	37		
		C		15.09Y	125.7	0.00	0.26	20.27	5	285	112	93					0	0	0	84		

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PD.350-A	PL.9702	A	Closed	15.06Y	125.5	0.00	0.46	39.86	0	558	222	93	0.00	0.0	0.913	0.000	0	0	0	160		
		B		15.11Y	125.9	0.00	0.11	6.21	0	87	34	93					0	0	0	37		
		C		15.09Y	125.7	0.00	0.26	20.27	0	285	112	93					0	0	0	84		
PD.350-B	PD.350-A	A	Closed	15.06Y	125.5	0.00	0.46	39.86	0	558	222	93	0.00	0.0	0.913	0.000	0	0	0	160		
		B		15.11Y	125.9	0.00	0.11	6.21	0	87	34	93					0	0	0	37		
		C		15.09Y	125.7	0.00	0.26	20.27	0	285	112	93					0	0	0	84		
PL.44215	PD.350-B	A	336ACSR	15.06Y	125.5	0.01	0.47	39.86	9	558	222	93	0.02	0.0	0.943	0.030	0	0	0	160		
		B		15.11Y	125.9	-0.00	0.11	6.21	1	87	34	93					0	0	0	37		
		C		15.09Y	125.7	0.00	0.26	20.27	5	285	112	93					0	0	0	84		
PL.44216	PL.44215	A	336ACSR	15.06Y	125.5	0.00	0.47	39.86	9	558	222	93	0.02	0.0	0.967	0.023	0	0	0	160		
		B		15.11Y	125.9	-0.00	0.11	6.21	1	87	34	93					0	0	0	36		
		C		15.09Y	125.7	0.00	0.27	20.27	5	285	112	93					0	0	0	84		
PL.9704	PL.44216	A	336ACSR	15.06Y	125.5	0.01	0.48	39.86	9	558	222	93	0.03	0.0	1.012	0.045	0	0	0	160		
		B		15.11Y	125.9	-0.00	0.10	6.21	1	87	34	93					0	0	0	36		
		C		15.09Y	125.7	0.01	0.27	20.27	5	285	112	93					0	0	0	84		
PL.9705	PL.9704	B	4ACSR	15.11Y	125.9	0.00	0.10	0.63	1	9	3	95	0.00	0.0	1.016	0.004	0	0	0	3		
PD.1081	PL.9705	B	fuse6AMP	15.11Y	125.9	0.00	0.10	0.63	11	9	3	95	0.00	0.0	1.016	0.000	0	0	0	3		
PL.9706	PD.1081	B	4ACSR	15.11Y	125.9	0.00	0.10	0.63	1	9	3	95	0.00	0.0	1.085	0.069	0	0	0	3		
443643	PL.9706	B	Consumer	15.11Y	125.9	0.00	0.10	0.31	0	4	2	89	0.00	0.0	1.085	0.000	4	2	1	1		
443628	PL.9706	B	Consumer	15.11Y	125.9	0.00	0.10	0.02	0	0	0	100	0.00	0.0	1.085	0.000	0	0	1	1		
443631	PL.9706	B	Consumer	15.11Y	125.9	0.00	0.10	0.30	0	4	2	89	0.00	0.0	1.085	0.000	4	2	1	1		
PL.9707	PL.9704	A	336ACSR	15.06Y	125.5	0.01	0.49	39.86	9	558	222	93	0.03	0.0	1.054	0.042	0	0	0	160		
		B		15.11Y	125.9	-0.00	0.10	5.57	1	79	30	93					0	0	0	33		
		C		15.09Y	125.7	0.01	0.28	20.27	5	285	112	93					0	0	0	84		
PL.9711	PL.9707	B	4ACSR	15.11Y	125.9	0.00	0.10	0.14	0	2	1	89	0.00	0.0	1.060	0.006	0	0	0	2		
PD.1082	PL.9711	B	fuse6AMP	15.11Y	125.9	0.00	0.10	0.14	2	2	1	89	0.00	0.0	1.060	0.000	0	0	0	2		
PL.9712	PD.1082	B	4ACSR	15.11Y	125.9	0.00	0.10	0.14	0	2	1	89	0.00	0.0	1.132	0.071	0	0	0	2		
443606	PL.9712	B	Consumer	15.11Y	125.9	0.00	0.10	0.11	0	2	1	89	0.00	0.0	1.132	0.000	2	1	1	1		
443613	PL.9712	B	Consumer	15.11Y	125.9	0.00	0.10	0.04	0	1	0	100	0.00	0.0	1.132	0.000	1	0	1	1		
PL.9708	PL.9707	A	336ACSR	15.06Y	125.5	0.00	0.49	39.86	9	558	222	93	0.00	0.0	1.054	0.000	0	0	0	160		
		B		15.11Y	125.9	0.00	0.10	5.37	1	76	29	93					0	0	0	30		
		C		15.09Y	125.7	0.00	0.28	20.27	5	285	112	93					0	0	0	84		
PL.9709	PL.9708	B	4ACSR	15.11Y	125.9	0.00	0.10	0.06	0	1	0	100	0.00	0.0	1.059	0.005	0	0	0	1		
PD.1083	PL.9709	B	fuse6AMP	15.11Y	125.9	0.00	0.10	0.06	1	1	0	100	0.00	0.0	1.059	0.000	0	0	0	1		
PL.9710	PD.1083	B	4ACSR	15.11Y	125.9	0.00	0.10	0.06	0	1	0	100	0.00	0.0	1.154	0.095	0	0	0	1		
PL.6863	PL.9710	B	4ACSR	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	1.154	0.000	0	0	0	0		
443659	PL.9710	B	Consumer	15.11Y	125.9	0.00	0.10	0.06	0	1	0	100	0.00	0.0	1.154	0.000	1	0	1	1		
PL.9713	PL.9708	A	336ACSR	15.06Y	125.5	0.03	0.52	39.86	9	558	222	93	0.10	0.0	1.211	0.157	0	0	0	160		
		B		15.11Y	125.9	-0.01	0.09	5.31	1	75	29	93					0	0	0	29		
		C		15.08Y	125.7	0.02	0.31	20.27	5	285	112	93					0	0	0	84		
PL.9715	PL.9713	B	4ACSR	15.11Y	125.9	0.00	0.09	0.94	1	13	5	93	0.00	0.0	1.217	0.006	0	0	0	3		
PD.1084	PL.9715	B	fuse6AMP	15.11Y	125.9	0.00	0.09	0.94	16	13	5	93	0.00	0.0	1.217	0.000	0	0	0	3		
PL.10507	PD.1084	B	4ACSR	15.11Y	125.9	0.00	0.09	0.94	1	13	5	93	0.00	0.0	1.287	0.070	0	0	0	3		
443615	PL.10507	B	Consumer	15.11Y	125.9	0.00	0.09	0.60	0	8	3	94	0.00	0.0	1.287	0.000	8	3	1	1		
443661	PL.10507	B	Consumer	15.11Y	125.9	0.00	0.09	0.32	0	4	2	89	0.00	0.0	1.287	0.000	4	2	1	1		
443639	PL.10507	B	Consumer	15.11Y	125.9	0.00	0.09	0.03	0	0	0	100	0.00	0.0	1.287	0.000	0	0	1	1		

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.9714, PL.10508, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.21268	PL.21270	A	4ACSR	15.04Y	125.3	0.00	0.67	0.55	0	8	3	94	0.00	0.0	1.937	0.079	0	0	0	2
443636	PL.21268	A	Consumer	15.04Y	125.3	0.00	0.67	0.25	0	4	1	97	0.00	0.0	1.937	0.000	4	1	1	1
PL.23344	PL.21268	A	4ACSR	15.04Y	125.3	0.00	0.67	0.30	0	4	2	89	0.00	0.0	2.025	0.088	0	0	0	1
443650	PL.23344	A	Consumer	15.04Y	125.3	0.00	0.67	0.30	0	4	2	89	0.00	0.0	2.025	0.000	4	2	1	1
PL.25953	PL.25720	A	4ACSR	15.03Y	125.3	0.05	0.72	39.08	33	546	217	93	0.19	0.0	1.857	0.052	0	0	0	157
443657	PL.25953	A	Consumer	15.03Y	125.3	0.00	0.72	0.21	0	3	1	95	0.00	0.0	1.857	0.000	3	1	1	1
PL.43958	PL.25953	A	4ACSR	15.03Y	125.3	0.02	0.74	38.87	33	543	215	93	0.08	0.0	1.879	0.022	0	0	0	156
4436064	PL.43958	A	Consumer	15.03Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	1.879	0.000	0	0	0	0
PL.43959	PL.43958	A	4ACSR	15.02Y	125.2	0.09	0.83	38.87	33	543	215	93	0.38	0.1	1.986	0.106	0	0	0	156
PL.21275	PL.43959	A	4ACSR	15.02Y	125.2	0.00	0.83	0.52	0	7	3	92	0.00	0.0	1.995	0.009	0	0	0	1
PD.984	PL.21275	A	fuse6AMP	15.02Y	125.2	0.00	0.83	0.52	9	7	3	92	0.00	0.0	1.995	0.000	0	0	0	1
PL.28220	PD.984	A	4ACSR	15.02Y	125.2	0.00	0.83	0.52	0	7	3	92	0.00	0.0	2.053	0.058	0	0	0	1
443660	PL.28220	A	Consumer	15.02Y	125.2	0.00	0.83	0.52	0	7	3	92	0.00	0.0	2.053	0.000	7	3	1	1
PL.32762	PL.43959	A	4ACSR	15.01Y	125.1	0.05	0.88	38.35	32	535	212	93	0.20	0.0	2.042	0.056	0	0	0	155
4436062	PL.32762	A	Consumer	15.01Y	125.1	0.00	0.88	0.27	0	4	1	97	0.00	0.0	2.042	0.000	4	1	1	1
443656	PL.32762	A	Consumer	15.01Y	125.1	0.00	0.88	0.15	0	2	1	89	0.00	0.0	2.042	0.000	2	1	1	1
PL.32763	PL.32762	A	4ACSR	15.01Y	125.1	0.03	0.91	37.93	32	530	210	93	0.11	0.0	2.074	0.032	0	0	0	153
PL.20923	PL.32763	A	4ACSR	15.01Y	125.1	0.04	0.95	37.54	32	524	208	93	0.15	0.0	2.119	0.045	0	0	0	149
PL.20924	PL.20923	A	4ACSR	15.01Y	125.1	0.00	0.95	37.54	32	524	208	93	0.00	0.0	2.119	0.000	0	0	0	149
PL.11052	PL.20924	A	4ACSR	15.00Y	125.0	0.02	0.97	37.54	32	524	208	93	0.08	0.0	2.142	0.023	0	0	0	149
442630	PL.11052	A	Consumer	15.00Y	125.0	0.00	0.97	0.09	0	1	0	100	0.00	0.0	2.142	0.000	1	0	1	1
442603	PL.11052	A	Consumer	15.00Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	2.142	0.000	0	0	0	0
442620	PL.11052	A	Consumer	15.00Y	125.0	0.00	0.97	2.49	0	34	16	90	0.00	0.0	2.142	0.000	34	16	1	1
PL.11053	PL.11052	A	4ACSR	15.00Y	125.0	0.04	1.01	34.98	29	489	191	93	0.15	0.0	2.192	0.050	0	0	0	147
PL.6891	PL.11053	A	4ACSR	15.00Y	125.0	0.02	1.03	34.65	29	484	189	93	0.08	0.0	2.222	0.030	0	0	0	146
442523	PL.6891	A	Consumer	15.00Y	125.0	0.00	1.03	0.18	0	2	1	89	0.00	0.0	2.222	0.000	2	1	1	1
442529	PL.6891	A	Consumer	15.00Y	125.0	0.00	1.03	0.26	0	4	1	97	0.00	0.0	2.222	0.000	4	1	1	1
PL.11057	PL.6891	A	4ACSR	14.99Y	124.9	0.02	1.06	34.21	29	478	186	93	0.09	0.0	2.253	0.031	0	0	0	144
C PD.1077	PL.11057	A	fuse6AMP	14.99Y	124.9	0.00	1.06	34.21	584	478	186	93	0.00	0.0	2.253	0.000	0	0	0	144 C
PL.11058	PD.1077	A	4ACSR	14.99Y	124.9	0.01	1.07	34.21	29	478	186	93	0.03	0.0	2.263	0.010	0	0	0	144
PL.22227	PL.11058	A	4ACSR	14.99Y	124.9	0.00	1.07	0.68	1	10	4	93	0.00	0.0	2.276	0.013	0	0	0	2
PD.1076	PL.22227	A	fuse6AMP	14.99Y	124.9	0.00	1.07	0.68	12	10	4	93	0.00	0.0	2.276	0.000	0	0	0	2
PL.22228	PD.1076	A	4ACSR	14.99Y	124.9	0.00	1.07	0.68	1	10	4	93	0.00	0.0	2.347	0.072	0	0	0	2
PL.23371	PL.22228	A	4ACSR	14.99Y	124.9	0.00	1.07	0.38	0	5	2	93	0.00	0.0	2.398	0.051	0	0	0	1
442535	PL.23371	A	Consumer	14.99Y	124.9	0.00	1.07	0.38	0	5	2	93	0.00	0.0	2.398	0.000	5	2	1	1
442532	PL.22228	A	Consumer	14.99Y	124.9	0.00	1.07	0.30	0	4	2	89	0.00	0.0	2.347	0.000	4	2	1	1
PL.20921	PL.11058	A	4ACSR	14.99Y	124.9	0.01	1.07	4.21	4	59	23	93	0.00	0.0	2.324	0.061	0	0	0	15
PL.20922	PL.20921	A	4ACSR	14.99Y	124.9	0.00	1.07	4.21	4	59	23	93	0.00	0.0	2.324	0.000	0	0	0	15

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.24008	PL.12465	A	4ACSR	14.99Y	124.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	2.845	0.010	0	0	0	0
PL.24007	PL.24008	A	4ACSR	14.99Y	124.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	2.921	0.076	0	0	0	0
442531	PL.24007	A	Consumer	14.99Y	124.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	2.921	0.000	0	0	0	0
PL.22230	PL.6788	A	4ACSR	14.99Y	124.9	0.00	1.08	0.31	0	4	2	89	0.00	0.0	2.523	0.047	0	0	0	2
PL.22229	PL.22230	A	4ACSR	14.99Y	124.9	-0.00	1.08	0.16	0	2	1	89	0.00	0.0	2.525	0.002	0	0	0	1
PL.28372	PL.22229	A	4ACSR	14.99Y	124.9	0.00	1.08	0.16	0	2	1	89	0.00	0.0	2.580	0.055	0	0	0	1
442508	PL.28372	A	Consumer	14.99Y	124.9	0.00	1.08	0.16	0	2	1	89	0.00	0.0	2.580	0.000	2	1	1	1
PL.23327	PL.22229	A	4ACSR	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	2.525	0.000	0	0	0	0
442602	PL.22230	A	Consumer	14.99Y	124.9	0.00	1.08	0.15	0	2	1	89	0.00	0.0	2.523	0.000	2	1	1	1
PL.25702	PL.6788	A	4ACSR	14.99Y	124.9	0.00	1.08	0.28	0	4	2	89	0.00	0.0	2.480	0.004	0	0	0	2
PD.1229	PL.25702	A	fuse6AMP	14.99Y	124.9	0.00	1.08	0.28	5	4	2	89	0.00	0.0	2.480	0.000	0	0	0	2
PL.25703	PD.1229	A	4ACSR	14.99Y	124.9	0.00	1.08	0.28	0	4	2	89	0.00	0.0	2.500	0.020	0	0	0	2
442625	PL.25703	A	Consumer	14.99Y	124.9	0.00	1.08	0.24	0	3	1	95	0.00	0.0	2.500	0.000	3	1	1	1
442627	PL.25703	A	Consumer	14.99Y	124.9	0.00	1.08	0.04	0	1	0	100	0.00	0.0	2.500	0.000	1	0	1	1
442624	PL.11055	A	Consumer	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	2.371	0.000	0	0	0	0
442610	PL.11055	A	Consumer	14.99Y	124.9	0.00	1.08	0.57	0	8	3	94	0.00	0.0	2.371	0.000	8	3	1	1
PL.23328	PL.20922	A	4ACSR	14.99Y	124.9	0.00	1.07	0.59	0	8	3	94	0.00	0.0	2.392	0.068	0	0	0	2
442631	PL.23328	A	Consumer	14.99Y	124.9	0.00	1.07	0.35	0	5	2	93	0.00	0.0	2.392	0.000	5	2	1	1
442614	PL.23328	A	Consumer	14.99Y	124.9	0.00	1.07	0.24	0	3	1	95	0.00	0.0	2.392	0.000	3	1	1	1
442530	PL.11058	A	Consumer	14.99Y	124.9	0.00	1.07	0.23	0	3	1	95	0.00	0.0	2.263	0.000	3	1	1	1
PL.28371	PL.11058	A	4ACSR	14.99Y	124.9	0.00	1.07	1.23	1	17	7	92	0.00	0.0	2.314	0.051	0	0	0	3
4425037	PL.28371	A	Consumer	14.99Y	124.9	0.00	1.07	0.26	0	4	2	89	0.00	0.0	2.314	0.000	0	0	0	1
442524	4425037	A	Consumer	14.99Y	124.9	0.00	1.07	0.26	0	4	2	89	0.00	0.0	2.314	0.000	4	2	1	1
442521	PL.28371	A	Consumer	14.99Y	124.9	0.00	1.07	0.41	0	6	2	95	0.00	0.0	2.314	0.000	6	2	1	1
442522	PL.28371	A	Consumer	14.99Y	124.9	0.00	1.07	0.55	0	8	3	94	0.00	0.0	2.314	0.000	8	3	1	1
PL.6896	PL.11058	A	4ACSR	14.99Y	124.9	0.04	1.11	27.24	23	381	148	93	0.12	0.0	2.330	0.067	0	0	0	121
PL.11059	PL.6896	A	4ACSR	14.99Y	124.9	0.00	1.11	26.60	22	372	145	93	0.01	0.0	2.336	0.006	0	0	0	119
PD.362-A	PL.11059	A	Closed	14.99Y	124.9	0.00	1.11	26.60	0	372	145	93	0.00	0.0	2.336	0.000	0	0	0	119
PD.362-B	PD.362-A	A	Closed	14.99Y	124.9	0.00	1.11	26.60	0	372	145	93	0.00	0.0	2.336	0.000	0	0	0	119
PL.25701	PD.362-B	A	4ACSR	14.98Y	124.9	0.02	1.13	26.60	22	372	145	93	0.05	0.0	2.366	0.030	0	0	0	119
PL.11056	PL.25701	A	4ACSR	14.97Y	124.8	0.10	1.23	25.15	21	351	137	93	0.26	0.1	2.538	0.172	0	0	0	114
PL.106	PL.11056	A	4ACSR	14.96Y	124.7	0.07	1.30	20.46	17	285	111	93	0.16	0.1	2.695	0.157	0	0	0	96
PL.25723	PL.106	A	4ACSR	14.96Y	124.6	0.06	1.36	20.46	17	285	111	93	0.12	0.0	2.819	0.124	0	0	0	96
PL.41480	PL.25723	A	4ACSR	14.95Y	124.6	0.06	1.42	19.75	17	275	107	93	0.11	0.0	2.941	0.122	0	0	0	92
PL.41481	PL.41480	A	4ACSR	14.93Y	124.4	0.20	1.61	19.67	17	274	107	93	0.41	0.1	3.380	0.440	0	0	0	91
PL.25725	PL.41481	A	4ACSR	14.92Y	124.4	0.02	1.63	18.60	16	259	101	93	0.04	0.0	3.427	0.047	0	0	0	86
PD.370-A	PL.25725	A	Closed	14.92Y	124.4	0.00	1.63	18.60	0	259	101	93	0.00	0.0	3.427	0.000	0	0	0	86
PD.370-B	PD.370-A	A	Closed	14.92Y	124.4	0.00	1.63	18.60	0	259	101	93	0.00	0.0	3.427	0.000	0	0	0	86

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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. Rows include elements like PL.25726, PL.22311, 443428, 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	-----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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.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
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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		
PL.22460	PL.22459	A	4ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	6.819	0.072	0	0	0	0		
PL.28355	PL.22460	A	4ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	6.882	0.064	0	0	0	0		
PL.28354	PL.28355	A	4ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	6.932	0.050	0	0	0	0		
PL.21191	PL.28354	A	4ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	7.082	0.150	0	0	0	0		
PL.28365	PD.1418	A	4ACSR	14.86Y	123.9	0.00	2.15	0.47	0	7	3	92	0.00	0.0	5.548	0.089	0	0	0	1		
441415	PL.28365	A	Consumer	14.86Y	123.9	0.00	2.15	0.47	0	7	3	92	0.00	0.0	5.548	0.000	7	3	1	1		
PL.22812	PL.11078	A	4ACSR	14.86Y	123.9	0.00	2.14	0.67	1	9	4	91	0.00	0.0	5.221	0.009	0	0	0	4		
PD.1234	PL.22812	A	fuse6AMP	14.86Y	123.9	0.00	2.14	0.67	11	9	4	91	0.00	0.0	5.221	0.000	0	0	0	4		
PL.22813	PD.1234	A	4ACSR	14.86Y	123.9	0.00	2.14	0.67	1	9	4	91	0.00	0.0	5.322	0.100	0	0	0	4		
441411	PL.22813	A	Consumer	14.86Y	123.9	0.00	2.14	0.00	0	0	0	100	0.00	0.0	5.322	0.000	0	0	1	1		
441414	PL.22813	A	Consumer	14.86Y	123.9	0.00	2.14	0.26	0	4	1	97	0.00	0.0	5.322	0.000	4	1	1	1		
PL.23304	PL.22813	A	4ACSR	14.86Y	123.9	0.00	2.14	0.41	0	6	2	95	0.00	0.0	5.687	0.365	0	0	0	2		
PL.28364	PL.23304	A	4ACSR	14.86Y	123.9	0.00	2.14	0.41	0	6	2	95	0.00	0.0	5.814	0.127	0	0	0	2		
441408	PL.28364	A	Consumer	14.86Y	123.9	0.00	2.14	0.20	0	3	1	95	0.00	0.0	5.814	0.000	3	1	1	1		
PL.28363	PL.28364	A	4ACSR	14.86Y	123.9	0.00	2.14	0.21	0	3	1	95	0.00	0.0	5.919	0.105	0	0	0	1		
PL.28362	PL.28363	A	4ACSR	14.86Y	123.9	0.00	2.14	0.21	0	3	1	95	0.00	0.0	5.985	0.066	0	0	0	1		
PL.28361	PL.28362	A	4ACSR	14.86Y	123.9	0.00	2.14	0.21	0	3	1	95	0.00	0.0	6.066	0.081	0	0	0	1		
PL.28359	PL.28361	A	4ACSR	14.86Y	123.9	0.00	2.14	0.21	0	3	1	95	0.00	0.0	6.148	0.082	0	0	0	1		
PL.28358	PL.28359	A	4ACSR	14.86Y	123.9	0.00	2.14	0.21	0	3	1	95	0.00	0.0	6.193	0.045	0	0	0	1		
441501	PL.28358	A	Consumer	14.86Y	123.9	0.00	2.14	0.21	0	3	1	95	0.00	0.0	6.193	0.000	3	1	1	1		
PL.28360	PL.28362	A	4ACSR	14.86Y	123.9	0.00	2.14	0.00	0	0	0	100	0.00	0.0	6.086	0.101	0	0	0	0		
PL.28369	PL.11075	A	4ACSR	14.87Y	123.9	0.00	2.12	0.27	0	4	1	97	0.00	0.0	5.055	0.091	0	0	0	2		
PL.23302	PL.28369	A	4ACSR	14.87Y	123.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	5.259	0.203	0	0	0	0		
442423	PL.23302	A	Consumer	14.87Y	123.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	5.259	0.000	0	0	0	0		
PL.23303	PL.23302	A	4ACSR	14.87Y	123.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	5.298	0.039	0	0	0	0		
442402	PL.23303	A	Consumer	14.87Y	123.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	5.298	0.000	0	0	0	0		
PL.28367	PL.28369	A	4ACSR	14.87Y	123.9	0.00	2.12	0.04	0	1	0	100	0.00	0.0	5.116	0.061	0	0	0	1		
442406	PL.28367	A	Consumer	14.87Y	123.9	0.00	2.12	0.04	0	1	0	100	0.00	0.0	5.116	0.000	1	0	1	1		
PL.28368	PL.28369	A	4ACSR	14.87Y	123.9	0.00	2.12	0.22	0	3	1	95	0.00	0.0	5.108	0.053	0	0	0	1		
442422	PL.28368	A	Consumer	14.87Y	123.9	0.00	2.12	0.22	0	3	1	95	0.00	0.0	5.108	0.000	3	1	1	1		
PL.25994	PL.11075	A	4ACSR	14.86Y	123.9	0.01	2.13	3.36	3	47	18	93	0.00	0.0	5.102	0.137	0	0	0	16		
PL.25995	PL.25994	A	4ACSR	14.86Y	123.9	0.00	2.13	3.22	3	45	17	94	0.00	0.0	5.110	0.008	0	0	0	14		
PD.2465	PL.25995	A	25V4E	14.86Y	123.9	0.00	2.13	3.22	13	45	17	94	0.00	0.0	5.110	0.000	0	0	0	14		
PL.25996	PD.2465	A	4ACSR	14.86Y	123.9	0.00	2.13	3.22	3	45	17	94	0.00	0.0	5.162	0.053	0	0	0	14		
442412	PL.25996	A	Consumer	14.86Y	123.9	0.00	2.13	0.22	0	3	1	95	0.00	0.0	5.162	0.000	3	1	1	1		
4424042	PL.25996	A	Consumer	14.86Y	123.9	0.00	2.13	0.02	0	0	0	100	0.00	0.0	5.162	0.000	0	0	1	1		
4424046	PL.25996	A	Consumer	14.86Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	5.162	0.000	0	0	0	0		
PL.25997	PL.25996	A	4ACSR	14.86Y	123.9	0.00	2.14	2.97	2	41	16	93	0.00	0.0	5.223	0.061	0	0	0	12		

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----			
							Accum Drop	Thru %	Thru KW	KVAR	Length (mi)	KW	KVAR					Cons On	Cons Thru		
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\EXISTING JUL05 CWP.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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.12474	PL.12473	A	4ACSR	14.87Y	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\EXISTING JUL05 CWP.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			
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\EXISTING JUL05 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
443501	PL.22470	A	Consumer	14.93Y	124.4	0.00	1.62	0.08	0	1	0	100	0.00	0.0	3.637	0.000	1	0	1	1
443414	PL.22469	A	Consumer	14.93Y	124.4	0.00	1.62	0.36	0	5	2	93	0.00	0.0	3.611	0.000	5	2	1	1
4435042	PL.41480	A	Consumer	14.95Y	124.6	0.00	1.42	0.08	0	1	0	100	0.00	0.0	2.941	0.000	1	0	1	1
PL.22800	PL.25723	A	4ACSR	14.96Y	124.6	0.00	1.36	0.71	1	10	4	93	0.00	0.0	2.836	0.017	0	0	0	4
PD.1424	PL.22800	A	fuse6AMP	14.96Y	124.6	0.00	1.36	0.71	12	10	4	93	0.00	0.0	2.836	0.000	0	0	0	4
PL.22801	PD.1424	A	4ACSR	14.96Y	124.6	0.00	1.36	0.71	1	10	4	93	0.00	0.0	2.877	0.040	0	0	0	4
PL.22504	PL.22801	A	4ACSR	14.96Y	124.6	0.00	1.36	0.71	1	10	4	93	0.00	0.0	2.963	0.086	0	0	0	4
PL.44232	PL.22504	A	2ACSR	14.96Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	3.039	0.076	0	0	0	0
4435043	PL.44232	A	Consumer	14.96Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	3.039	0.000	0	0	0	0
PL.22817	PL.22504	A	4ACSR	14.96Y	124.6	0.00	1.36	0.71	1	10	4	93	0.00	0.0	3.023	0.060	0	0	0	4
PL.23004	PL.22817	A	4ACSR	14.96Y	124.6	0.00	1.36	0.71	1	10	4	93	0.00	0.0	3.034	0.011	0	0	0	4
PL.23003	PL.23004	A	4ACSR	14.96Y	124.6	0.00	1.36	0.71	1	10	4	93	0.00	0.0	3.080	0.046	0	0	0	4
PL.23053	PL.23003	A	4ACSR	14.96Y	124.6	0.00	1.36	0.46	0	6	3	89	0.00	0.0	3.117	0.037	0	0	0	3
PL.43256	PL.23053	A	4ACSR	14.96Y	124.6	0.00	1.37	0.46	0	6	3	89	0.00	0.0	3.154	0.037	0	0	0	3
PL.43257	PL.43256	A	4ACSR	14.96Y	124.6	0.00	1.37	0.44	0	6	2	95	0.00	0.0	3.249	0.095	0	0	0	1
5713004	PL.43257	A	Consumer	14.96Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	3.249	0.000	0	0	0	0
571201	PL.43257	A	Consumer	14.96Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	3.249	0.000	0	0	0	0
571303	PL.43257	A	Consumer	14.96Y	124.6	0.00	1.37	0.44	0	6	2	95	0.00	0.0	3.249	0.000	6	2	1	1
570201	PL.43256	A	Consumer	14.96Y	124.6	0.00	1.37	0.02	0	0	0	100	0.00	0.0	3.154	0.000	0	0	1	1
5702002	PL.43256	A	Consumer	14.96Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	3.154	0.000	0	0	1	1
570102	PL.23003	A	Consumer	14.96Y	124.6	0.00	1.36	0.25	0	3	1	95	0.00	0.0	3.080	0.000	3	1	1	1
PL.18538	PL.11056	A	4ACSR	14.97Y	124.8	0.00	1.23	4.70	4	66	25	94	0.00	0.0	2.553	0.015	0	0	0	18
C PD.1095	PL.18538	A	fuse6AMP	14.97Y	124.8	0.00	1.23	4.70	80	66	25	94	0.00	0.0	2.553	0.000	0	0	0	18 C
PL.18539	PD.1095	A	4ACSR	14.97Y	124.8	0.00	1.23	4.70	4	66	25	94	0.00	0.0	2.569	0.016	0	0	0	18
PL.21578	PL.18539	A	4ACSR	14.97Y	124.8	0.00	1.23	4.70	4	66	25	94	0.00	0.0	2.575	0.006	0	0	0	18
PD.3516	PL.21578	A	25V4E	14.97Y	124.8	0.00	1.23	4.70	19	66	25	94	0.00	0.0	2.575	0.000	0	0	0	18
PL.21589	PD.3516	A	4ACSR	14.97Y	124.8	0.00	1.24	4.70	4	66	25	94	0.00	0.0	2.603	0.028	0	0	0	18
PL.25708	PL.21589	A	4ACSR	14.97Y	124.7	0.02	1.25	4.46	4	62	24	93	0.01	0.0	2.756	0.153	0	0	0	17
PL.22798	PL.25708	A	4ACSR	14.97Y	124.7	0.00	1.25	0.38	0	5	2	93	0.00	0.0	2.764	0.008	0	0	0	1
PD.1423	PL.22798	A	fuse6AMP	14.97Y	124.7	0.00	1.25	0.38	6	5	2	93	0.00	0.0	2.764	0.000	0	0	0	1
PL.22799	PD.1423	A	4ACSR	14.97Y	124.7	0.00	1.25	0.38	0	5	2	93	0.00	0.0	2.786	0.022	0	0	0	1
PL.22797	PL.22799	A	4ACSR	14.97Y	124.7	0.00	1.25	0.38	0	5	2	93	0.00	0.0	2.864	0.077	0	0	0	1
570410	PL.22797	A	Consumer	14.97Y	124.7	0.00	1.25	0.38	0	5	2	93	0.00	0.0	2.864	0.000	5	2	1	1
570408	PL.22797	A	Consumer	14.97Y	124.7	0.00	1.25	0.00	0	0	0	100	0.00	0.0	2.864	0.000	0	0	0	0
PL.22508	PL.25708	A	4ACSR	14.97Y	124.7	0.00	1.25	1.12	1	16	6	94	0.00	0.0	2.833	0.077	0	0	0	2
443524	PL.22508	A	Consumer	14.97Y	124.7	0.00	1.25	0.69	0	10	4	93	0.00	0.0	2.833	0.000	10	4	1	1
443529	PL.22508	A	Consumer	14.97Y	124.7	0.00	1.25	0.43	0	6	2	95	0.00	0.0	2.833	0.000	6	2	1	1
PL.25709	PL.25708	A	4ACSR	14.97Y	124.7	0.00	1.25	2.97	2	41	16	93	0.00	0.0	2.765	0.009	0	0	0	14

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	mi Length (mi)	KW					KVAR	Cons On	Cons Thru	
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\EXISTING JUL05 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. The table lists various electrical elements and their characteristics across multiple rows.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Includes a 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\EXISTING JUL05 CWP.WM\
Title:
Case:

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

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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
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
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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.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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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\EXISTING JUL05 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----- 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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.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
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.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

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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.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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.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\EXISTING JUL05 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.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\EXISTING JUL05 CWP.WM\
Title:
Case:

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

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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, 445609, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.25924, PL.25925, PD.7692-A, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.2296	PL.10662	C	4ACSR	7.48Y	124.7	0.00	1.26	0.77	1	5	2	93	0.00	0.0	2.077	0.031	0	0	0	1		
444717	PL.2296	C	Consumer	7.48Y	124.7	0.00	1.26	0.77	0	5	2	93	0.00	0.0	2.077	0.000	5	2	1	1		
PL.10663	PL.10662	A	1/0CU	7.51Y	125.2	0.04	0.82	52.71	20	396	-7	-100	0.80	0.1	2.161	0.115	0	0	0	115		
		B		7.44Y	123.9	0.10	2.08	68.28	26	506	43	100			0	0	0	0	0	129		
		C		7.48Y	124.7	0.08	1.34	69.09	26	515	49	100			0	0	0	0	0	134		
PL.10666	PL.10663	B	4ACSR	7.44Y	123.9	0.00	2.08	8.35	7	58	22	93	0.00	0.0	2.174	0.013	0	0	0	17		
PD.7684	PL.10666	B	25L	7.44Y	123.9	0.00	2.08	8.35	33	58	22	93	0.00	0.0	2.174	0.000	0	0	0	17		
PL.29057	PD.7684	B	4ACSR	7.43Y	123.9	0.01	2.09	8.35	7	58	22	93	0.01	0.0	2.206	0.032	0	0	0	17		
444713	PL.29057	B	Consumer	7.43Y	123.9	0.00	2.09	0.05	0	0	0	100	0.00	0.0	2.206	0.000	0	0	1	1		
444714	PL.29057	B	Consumer	7.43Y	123.9	0.00	2.09	0.51	0	4	1	97	0.00	0.0	2.206	0.000	4	1	1	1		
444725	PL.29057	B	Consumer	7.43Y	123.9	0.00	2.09	0.65	0	4	2	89	0.00	0.0	2.206	0.000	4	2	1	1		
PL.10664	PL.29057	B	4ACSR	7.43Y	123.9	0.00	2.09	7.14	6	50	19	93	0.00	0.0	2.210	0.004	0	0	0	14		
PL.10665	PL.10664	B	4ACSR	7.43Y	123.9	0.02	2.12	7.14	6	50	19	93	0.01	0.0	2.285	0.076	0	0	0	14		
PL.6874	PL.10665	B	4ACSR	7.43Y	123.9	0.01	2.13	7.14	6	50	19	93	0.00	0.0	2.320	0.035	0	0	0	14		
444805	PL.6874	B	Consumer	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	2.320	0.000	0	0	1	1		
444801	PL.6874	B	Consumer	7.43Y	123.9	0.00	2.13	0.33	0	2	1	89	0.00	0.0	2.320	0.000	2	1	1	1		
PL.25944	PL.6874	B	4ACSR	7.43Y	123.8	0.03	2.16	6.81	6	47	18	93	0.01	0.0	2.411	0.091	0	0	0	12		
PL.25945	PL.25944	B	4ACSR	7.43Y	123.8	0.01	2.17	6.81	6	47	18	93	0.00	0.0	2.448	0.037	0	0	0	12		
PL.25946	PL.25945	B	4ACSR	7.43Y	123.8	0.04	2.21	5.03	4	35	13	94	0.01	0.0	2.640	0.191	0	0	0	9		
PL.23360	PL.25946	B	4ACSR	7.43Y	123.8	0.01	2.22	1.87	2	13	5	93	0.00	0.0	2.734	0.094	0	0	0	3		
PL.23501	PL.23360	B	4ACSR	7.43Y	123.8	0.00	2.22	0.12	0	1	0	100	0.00	0.0	2.773	0.040	0	0	0	1		
444818	PL.23501	B	Consumer	7.43Y	123.8	0.00	2.22	0.12	0	1	0	100	0.00	0.0	2.773	0.000	1	0	1	1		
444814	PL.23360	B	Consumer	7.43Y	123.8	0.00	2.22	1.00	0	7	3	92	0.00	0.0	2.734	0.000	7	3	1	1		
444803	PL.23360	B	Consumer	7.43Y	123.8	0.00	2.22	0.75	0	5	2	93	0.00	0.0	2.734	0.000	5	2	1	1		
PL.42319	PL.25946	B	4ACSR	7.43Y	123.8	0.00	2.22	3.16	3	22	8	94	0.00	0.0	2.644	0.004	0	0	0	6		
PD.7686	PL.42319	B	fuse6AMP	7.43Y	123.8	0.00	2.22	3.16	54	22	8	94	0.00	0.0	2.644	0.000	0	0	0	6		
PL.42320	PD.7686	B	4ACSR	7.43Y	123.8	0.03	2.24	3.16	3	22	8	94	0.00	0.0	2.827	0.183	0	0	0	6		
PL.6875	PL.42320	B	4ACSR	7.42Y	123.7	0.02	2.27	3.16	3	22	8	94	0.00	0.0	2.999	0.172	0	0	0	6		
PL.6876	PL.6875	B	4ACSR	7.42Y	123.7	0.01	2.27	2.46	2	17	6	94	0.00	0.0	3.055	0.055	0	0	0	5		
444813	PL.6876	B	Consumer	7.42Y	123.7	0.00	2.27	0.17	0	1	0	100	0.00	0.0	3.055	0.000	1	0	1	1		
PL.23293	PL.6876	B	4ACSR	7.42Y	123.7	0.01	2.29	2.29	2	16	6	94	0.00	0.0	3.189	0.134	0	0	0	4		
PL.43722	PL.23293	B	2ACSR	7.42Y	123.7	0.00	2.29	0.02	0	0	0	100	0.00	0.0	3.253	0.064	0	0	0	1		
4448019	PL.43722	B	Consumer	7.42Y	123.7	0.00	2.29	0.02	0	0	0	100	0.00	0.0	3.253	0.000	0	0	1	1		
PL.29561	PL.23293	B	1/0EPRJCN	7.42Y	123.7	0.00	2.29	1.90	1	13	5	93	0.00	0.0	3.248	0.058	0	0	0	1		
444816	PL.29561	B	Consumer	7.42Y	123.7	0.00	2.29	1.91	0	13	5	93	0.00	0.0	3.248	0.000	13	5	1	1		
444817	PL.23293	B	Consumer	7.42Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	3.189	0.000	0	0	1	1		
PL.29560	PL.23293	B	1/0EPRJCN	7.42Y	123.7	0.00	2.29	0.37	0	3	1	95	0.00	0.0	3.255	0.066	0	0	0	1		
444815	PL.29560	B	Consumer	7.42Y	123.7	0.00	2.29	0.39	0	3	1	95	0.00	0.0	3.255	0.000	3	1	1	1		
444812	PL.6875	B	Consumer	7.42Y	123.7	0.00	2.27	0.70	0	5	2	93	0.00	0.0	2.999	0.000	5	2	1	1		

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

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

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.20195	PL.10672	A	1/0CU	7.50Y	125.0	0.06	1.01	50.05	19	375	-16	-100	1.22	0.1	2.730	0.201	0	0	0	110		
		B		7.41Y	123.5	0.14	2.47	60.31	23	447	19	100					0	0	0	112		
		C		7.45Y	124.2	0.15	1.77	67.49	26	502	43	100					0	0	0	132		
PL.20196	PL.20195	A	1/0CU	7.50Y	125.0	0.01	1.02	51.48	20	375	92	97	0.20	0.0	2.760	0.030	0	0	0	110		
		B		7.41Y	123.5	0.03	2.49	62.56	24	447	125	96					0	0	0	112		
		C		7.45Y	124.2	0.03	1.79	70.16	27	501	149	96					0	0	0	132		
PL.42260	PL.20196	A	4ACSR	7.50Y	125.0	0.00	1.02	1.46	1	10	4	93	0.00	0.0	2.769	0.009	0	0	0	1		
PL.42261	PL.42260	A	4ACSR	7.50Y	125.0	0.00	1.03	1.46	1	10	4	93	0.00	0.0	2.801	0.032	0	0	0	1		
443822	PL.42261	A	Consumer	7.50Y	125.0	0.00	1.03	1.46	0	10	4	93	0.00	0.0	2.801	0.000	10	4	1	1		
PL.12462	PL.20196	A	1/0CU	7.50Y	125.0	0.00	1.02	50.03	19	365	88	97	0.00	0.0	2.761	0.001	0	0	0	109		
		B		7.41Y	123.5	0.00	2.49	62.56	24	447	125	96					0	0	0	112		
		C		7.45Y	124.2	0.00	1.80	70.16	27	501	149	96					0	0	0	132		
PL.42262	PL.12462	C	4ACSR	7.45Y	124.2	0.00	1.80	1.19	1	8	3	94	0.00	0.0	2.767	0.005	0	0	0	7		
PL.46512	PL.42262	C	4ACSR	7.45Y	124.2	0.00	1.80	1.19	1	8	3	94	0.00	0.0	2.777	0.010	0	0	0	7		
PD.8749	PL.46512	C	fuse6AMP	7.45Y	124.2	0.00	1.80	1.19	20	8	3	94	0.00	0.0	2.777	0.000	0	0	0	7		
PL.46513	PD.8749	C	4ACSR	7.45Y	124.2	0.00	1.80	1.19	1	8	3	94	0.00	0.0	2.828	0.051	0	0	0	7		
PL.23298	PL.46513	C	4ACSR	7.45Y	124.2	0.00	1.80	0.41	0	3	1	95	0.00	0.0	2.871	0.042	0	0	0	4		
443866	PL.23298	C	Consumer	7.45Y	124.2	0.00	1.80	0.02	0	0	0	100	0.00	0.0	2.871	0.000	0	0	1	1		
443870	PL.23298	C	Consumer	7.45Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	2.871	0.000	0	0	1	1		
443856	PL.23298	C	Consumer	7.45Y	124.2	0.00	1.80	0.27	0	2	1	89	0.00	0.0	2.871	0.000	2	1	1	1		
PL.23299	PL.23298	C	4ACSR	7.45Y	124.2	0.00	1.80	0.12	0	1	0	100	0.00	0.0	2.899	0.029	0	0	0	1		
443869	PL.23299	C	Consumer	7.45Y	124.2	0.00	1.80	0.12	0	1	0	100	0.00	0.0	2.899	0.000	1	0	1	1		
443838	PL.46513	C	Consumer	7.45Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	2.828	0.000	0	0	0	0		
443823	PL.46513	C	Consumer	7.45Y	124.2	0.00	1.80	0.50	0	3	1	95	0.00	0.0	2.828	0.000	3	1	1	1		
443851	PL.46513	C	Consumer	7.45Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	2.828	0.000	0	0	1	1		
443850	PL.46513	C	Consumer	7.45Y	124.2	0.00	1.80	0.27	0	2	1	89	0.00	0.0	2.828	0.000	2	1	1	1		
PL.12463	PL.12462	A	1/0CU	7.50Y	124.9	0.04	1.06	50.03	19	365	88	97	0.56	0.0	2.849	0.088	0	0	0	109		
		B		7.41Y	123.4	0.08	2.57	62.56	24	447	125	96					0	0	0	112		
		C		7.45Y	124.1	0.08	1.87	68.98	26	493	146	96					0	0	0	125		
PL.25936	PL.12463	A	1/0ACSR	7.50Y	124.9	0.00	1.07	3.38	2	25	6	97	0.00	0.0	2.903	0.054	0	0	0	1		
		B		7.41Y	123.4	0.01	2.58	5.47	3	39	12	96					0	0	0	5		
		C		7.45Y	124.1	0.00	1.88	5.37	3	38	12	96					0	0	0	4		
PD.356-A	PL.25936	A	Closed	7.50Y	124.9	0.00	1.07	3.38	0	25	6	97	0.00	0.0	2.903	0.000	0	0	0	1		
		B		7.41Y	123.4	0.00	2.58	5.47	0	39	12	96					0	0	0	5		
		C		7.45Y	124.1	0.00	1.88	5.37	0	38	12	96					0	0	0	4		
PD.356-B	PD.356-A	A	Closed	7.50Y	124.9	0.00	1.07	3.38	0	25	6	97	0.00	0.0	2.903	0.000	0	0	0	1		
		B		7.41Y	123.4	0.00	2.58	5.47	0	39	12	96					0	0	0	5		
		C		7.45Y	124.1	0.00	1.88	5.37	0	38	12	96					0	0	0	4		
PL.25937	PD.356-B	A	1/0ACSR	7.50Y	124.9	0.00	1.07	3.38	2	25	6	97	0.00	0.0	2.979	0.076	0	0	0	1		
		B		7.40Y	123.4	0.01	2.59	5.47	3	39	12	96					0	0	0	5		
		C		7.45Y	124.1	0.01	1.88	5.37	3	38	12	96					0	0	0	4		
443840	PL.25937	B	Consumer	7.40Y	123.4	0.00	2.59	0.44	0	3	1	95	0.00	0.0	2.979	0.000	3	1	1	1		
PL.25935	PL.25937	A	1/0ACSR	7.50Y	124.9	0.00	1.07	3.38	2	25	6	97	0.00	0.0	3.012	0.033	0	0	0	1		
		B		7.40Y	123.4	0.00	2.59	5.03	3	36	10	96					0	0	0	4		
		C		7.45Y	124.1	0.00	1.89	5.37	3	38	12	96					0	0	0	4		
PL.25938	PL.25935	A	1/0ACSR	7.50Y	124.9	0.00	1.07	3.38	2	25	6	97	0.00	0.0	3.062	0.051	0	0	0	1		
		B		7.40Y	123.4	0.01	2.59	5.03	3	36	10	96					0	0	0	4		
		C		7.45Y	124.1	0.00	1.89	5.37	3	38	12	96					0	0	0	4		

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
443837	PL.25938	A	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	3.062	0.000	0	0	0	0
443834	PL.25938	C	Consumer	7.45Y	124.1	0.00	1.89	0.91	0	6	2	95	0.00	0.0	3.062	0.000	6	2	1	1
443839	PL.25938	B	Consumer	7.40Y	123.4	0.00	2.59	0.00	0	0	0	100	0.00	0.0	3.062	0.000	0	0	0	0
PL.25939	PL.25938	B	4ACSR	7.40Y	123.4	0.00	2.59	1.33	1	9	4	91	0.00	0.0	3.070	0.008	0	0	0	2
PD.1067	PL.25939	B	fuse6AMP	7.40Y	123.4	0.00	2.59	1.33	23	9	4	91	0.00	0.0	3.070	0.000	0	0	0	2
PL.25940	PD.1067	B	4ACSR	7.40Y	123.4	0.00	2.60	1.33	1	9	4	91	0.00	0.0	3.130	0.060	0	0	0	2
443848	PL.25940	B	Consumer	7.40Y	123.4	0.00	2.60	1.08	0	7	3	92	0.00	0.0	3.130	0.000	7	3	1	1
443872	PL.25940	B	Consumer	7.40Y	123.4	0.00	2.60	0.25	0	2	1	89	0.00	0.0	3.130	0.000	2	1	1	1
PL.25941	PL.25938	A	1/0ACSR	7.50Y	124.9	0.00	1.08	3.38	2	25	6	97	0.00	0.0	3.112	0.049	0	0	0	1
		B		7.40Y	123.4	0.00	2.60	3.71	2	27	7	97					0	0	0	2
		C		7.45Y	124.1	0.00	1.90	4.47	2	32	9	96					0	0	0	3
PL.25942	PL.25941	A	1/0ACSR	7.50Y	124.9	0.00	1.08	3.38	2	25	6	97	0.00	0.0	3.195	0.083	0	0	0	1
		B		7.40Y	123.4	0.01	2.60	3.42	2	25	6	97					0	0	0	1
		C		7.45Y	124.1	0.01	1.90	4.47	2	32	9	96					0	0	0	3
PL.14812	PL.25942	A	1/0ACSR	7.50Y	124.9	0.00	1.08	3.38	2	25	6	97	0.00	0.0	3.207	0.013	0	0	0	1
		B		7.40Y	123.4	0.00	2.60	3.42	2	25	6	97					0	0	0	1
		C		7.45Y	124.1	0.00	1.90	3.40	2	25	6	97					0	0	0	1
PD.1069	PL.14812	A	fuse6AMP	7.50Y	124.9	0.00	1.08	3.38	58	25	6	97	0.00	0.0	3.207	0.000	0	0	0	1
		B		7.40Y	123.4	0.00	2.60	3.42	58	25	6	97					0	0	0	1
		C		7.45Y	124.1	0.00	1.90	3.40	58	25	6	97					0	0	0	1
PL.14813	PD.1069	A	1/0ACSR	7.49Y	124.9	0.00	1.08	3.38	2	25	6	97	0.00	0.0	3.251	0.044	0	0	0	1
		B		7.40Y	123.4	0.00	2.61	3.42	2	25	6	97					0	0	0	1
		C		7.45Y	124.1	0.00	1.91	3.40	2	25	6	97					0	0	0	1
PL.25943	PL.14813	A	1/0ACSR	7.49Y	124.9	0.00	1.08	1.45	1	10	5	89	0.00	0.0	3.301	0.050	0	0	0	0
		B		7.40Y	123.4	0.00	2.61	1.46	1	10	5	90					0	0	0	0
		C		7.45Y	124.1	0.00	1.91	1.46	1	10	5	90					0	0	0	0
443830	PL.25943	A	Consumer	7.49Y	124.9	0.00	1.08	1.45	0	10	5	89	0.00	0.0	3.301	0.000	10	5	0	0
		B		7.40Y	123.4	0.00	2.61	1.46	0	10	5	90					10	5	0	0
		C		7.45Y	124.1	0.00	1.91	1.46	0	10	5	90					10	5	0	0
443832	PL.14813	A	Consumer	7.49Y	124.9	0.00	1.08	0.01	0	0	0	100	0.00	0.0	3.251	0.000	0	0	0	0
		B		7.40Y	123.4	0.00	2.61	0.01	0	0	0	90					0	0	0	0
		C		7.45Y	124.1	0.00	1.91	0.01	0	0	0	90					0	0	0	0
443831	PL.14813	A	Consumer	7.49Y	124.9	0.00	1.08	1.99	0	15	1	100	0.00	0.0	3.251	0.000	15	1	0	0
		B		7.40Y	123.4	0.00	2.61	2.01	0	15	1	100					15	1	0	0
		C		7.45Y	124.1	0.00	1.91	2.00	0	15	1	100					15	1	0	0
PL.2585	PL.25942	C	4ACSR	7.45Y	124.1	0.01	1.91	0.81	1	6	2	95	0.00	0.0	3.448	0.253	0	0	0	1
PL.2718	PL.2585	C	4ACSR	7.45Y	124.1	0.00	1.92	0.81	1	6	2	95	0.00	0.0	3.511	0.063	0	0	0	1
443861	PL.2718	C	Consumer	7.45Y	124.1	0.00	1.92	0.81	0	6	2	95	0.00	0.0	3.511	0.000	6	2	1	1
443833	PL.25942	C	Consumer	7.45Y	124.1	0.00	1.90	0.27	0	2	1	89	0.00	0.0	3.195	0.000	2	1	1	1
443843	PL.25941	B	Consumer	7.40Y	123.4	0.00	2.60	0.28	0	2	1	89	0.00	0.0	3.112	0.000	2	1	1	1
PL.6881	PL.12463	A	1/0CU	7.48Y	124.7	0.20	1.26	46.65	18	340	82	97	2.40	0.2	3.296	0.446	0	0	0	108
		B		7.38Y	123.1	0.35	2.92	57.09	22	407	113	96					0	0	0	107
		C		7.43Y	123.8	0.36	2.24	63.61	24	454	134	96					0	0	0	121
443863	PL.6881	A	Consumer	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	3.296	0.000	0	0	0	0
PL.25933	PL.6881	A	1/0CU	7.48Y	124.7	0.04	1.30	46.65	18	340	81	97	0.43	0.0	3.377	0.081	0	0	0	108
		B		7.38Y	123.0	0.06	2.99	57.09	22	406	112	96					0	0	0	107
		C		7.42Y	123.7	0.07	2.30	63.61	24	453	132	96					0	0	0	121
PL.25934	PL.25933	A	1/0CU	7.48Y	124.6	0.06	1.36	46.64	18	339	81	97	0.74	0.1	3.515	0.139	0	0	0	107
		B		7.37Y	122.9	0.11	3.10	57.09	22	406	112	96					0	0	0	107
		C		7.42Y	123.6	0.11	2.42	63.61	24	453	132	96					0	0	0	121

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
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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), and two columns for Cons (On, Thru). Rows include elements like PL.2285, PL.32692, 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

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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.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

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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	% 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

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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	% PF	kW Loss	% Loss		Length (mi)	KW			KVAR	
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\EXISTING JUL05 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, and various electrical metrics (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.33051, 443835, 443818, etc., showing voltage drop and load data.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.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\EXISTING JUL05 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\EXISTING JUL05 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a 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\EXISTING JUL05 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\EXISTING JUL05 CWP.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\EXISTING JUL05 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.6548	PL.44159	B	4ACSR	7.34Y	122.4	0.02	3.62	3.75	3	26	10	93	0.00	0.0	7.151	0.094	0	0	0	8
PL.6552	PL.6548	B	4ACSR	7.34Y	122.4	0.00	3.62	2.89	2	20	8	93	0.00	0.0	7.187	0.036	0	0	0	7
PL.6553	PL.6552	B	4ACSR	7.34Y	122.4	0.01	3.63	2.68	2	18	7	93	0.00	0.0	7.239	0.052	0	0	0	6
445817	PL.6553	B	Consumer	7.34Y	122.4	0.00	3.63	0.44	0	3	1	95	0.00	0.0	7.239	0.000	3	1	1	1
PL.35654	PL.6553	B	4ACSR	7.34Y	122.4	0.00	3.63	2.24	2	15	6	93	0.00	0.0	7.283	0.045	0	0	0	5
PL.35655	PL.35654	B	4ACSR	7.34Y	122.4	0.01	3.64	2.24	2	15	6	93	0.00	0.0	7.408	0.125	0	0	0	4
445815	PL.35655	B	Consumer	7.34Y	122.4	0.00	3.64	0.41	0	3	1	95	0.00	0.0	7.408	0.000	3	1	1	1
PL.45332	PL.35655	B	2ACSR	7.34Y	122.3	0.01	3.65	1.83	1	13	5	93	0.00	0.0	7.523	0.115	0	0	0	3
4458020	PL.45332	B	Consumer	7.34Y	122.3	0.00	3.65	0.59	0	4	2	89	0.00	0.0	7.523	0.000	4	2	1	1
PL.45334	PL.45332	B	2ACSR	7.34Y	122.3	0.00	3.65	1.24	1	8	3	94	0.00	0.0	7.580	0.057	0	0	0	2
PL.45335	PL.45334	B	2ACSR	7.34Y	122.3	0.00	3.66	0.69	0	5	2	93	0.00	0.0	7.659	0.080	0	0	0	1
4458024	PL.45335	B	Consumer	7.34Y	122.3	0.00	3.66	0.69	0	5	2	93	0.00	0.0	7.659	0.000	5	2	1	1
4458023	PL.45334	B	Consumer	7.34Y	122.3	0.00	3.65	0.55	0	4	1	97	0.00	0.0	7.580	0.000	4	1	1	1
4458027	PL.35654	B	Consumer	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	7.283	0.000	0	0	1	1
445819	PL.6552	B	Consumer	7.34Y	122.4	0.00	3.62	0.21	0	1	1	71	0.00	0.0	7.187	0.000	1	1	1	1
4458028	PL.6548	B	Consumer	7.34Y	122.4	0.00	3.62	0.00	0	0	0	100	0.00	0.0	7.151	0.000	0	0	0	0
445807	PL.6548	B	Consumer	7.34Y	122.4	0.00	3.62	0.00	0	0	0	100	0.00	0.0	7.151	0.000	0	0	0	0
445816	PL.6548	B	Consumer	7.34Y	122.4	0.00	3.62	0.85	0	6	2	95	0.00	0.0	7.151	0.000	6	2	1	1
4458025	PL.44158	B	Consumer	7.34Y	122.4	0.00	3.59	0.18	0	1	0	100	0.00	0.0	7.019	0.000	1	0	1	1
PL.24027	PL.6546	B	4ACSR	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	6.740	0.001	0	0	0	0
445929	PL.6545	B	Consumer	7.35Y	122.5	0.00	3.51	0.16	0	1	0	100	0.00	0.0	6.669	0.000	1	0	1	1
445924	PL.13169	B	Consumer	7.35Y	122.6	0.00	3.44	1.49	0	10	4	93	0.00	0.0	6.455	0.000	10	4	1	1
PL.24028	PL.13168	B	4ACSR	7.36Y	122.6	0.00	3.41	0.94	1	6	2	95	0.00	0.0	6.437	0.073	0	0	0	1
445920	PL.24028	B	Consumer	7.36Y	122.6	0.00	3.41	0.94	0	6	2	95	0.00	0.0	6.437	0.000	6	2	1	1
445913	PL.13167	B	Consumer	7.37Y	122.8	0.00	3.25	0.59	0	4	2	89	0.00	0.0	5.988	0.000	4	2	1	1
PL.40935	PL.13162	C	2ACSR	7.36Y	122.7	0.00	3.29	0.20	0	1	1	71	0.00	0.0	5.578	0.004	0	0	0	1
PD.7297	PL.40935	C	fuse6AMP	7.36Y	122.7	0.00	3.29	0.20	3	1	1	71	0.00	0.0	5.578	0.000	0	0	0	1
PL.40936	PD.7297	C	2ACSR	7.36Y	122.7	0.00	3.29	0.20	0	1	1	71	0.00	0.0	5.629	0.051	0	0	0	1
4449067	PL.40936	C	Consumer	7.36Y	122.7	0.00	3.29	0.20	0	1	1	71	0.00	0.0	5.629	0.000	1	1	1	1
PL.13163	PL.13162	B C	4ACSR	7.38Y 7.36Y	122.9 122.7	0.01 0.01	3.06 3.30	27.60 52.54	23 44	188 359	78 144	92 93	0.03 0.0	0.0	5.578	0.004	0 0	0 0	0 0	46 101
PL.13161	PL.13163	B C	4ACSR	7.37Y 7.35Y	122.9 122.6	0.09 0.14	3.15 3.44	27.60 52.54	23 44	188 359	78 144	92 93	0.52 0.1	0.1	5.643	0.065	0 0	0 0	0 0	46 101
PL.42679	PL.13161	B	4ACSR	7.37Y	122.9	0.00	3.15	0.78	1	5	2	93	0.00	0.0	5.647	0.004	0	0	0	1
PD.8117	PL.42679	B	fuse6AMP	7.37Y	122.9	0.00	3.15	0.78	13	5	2	93	0.00	0.0	5.647	0.000	0	0	0	1
PL.42680	PD.8117	B	4ACSR	7.37Y	122.8	0.01	3.16	0.78	1	5	2	93	0.00	0.0	5.820	0.173	0	0	0	1
445919	PL.42680	B	Consumer	7.37Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	5.820	0.000	0	0	0	0
445903	PL.42680	B	Consumer	7.37Y	122.8	0.00	3.16	0.78	0	5	2	93	0.00	0.0	5.820	0.000	5	2	1	1
PL.112	PL.13161	C	4ACSR	7.35Y	122.5	0.06	3.50	32.10	27	219	88	93	0.10	0.0	5.685	0.042	0	0	0	63

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.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	152	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
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Element Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), and various conservation metrics (Cons On, Cons Thru). Rows include elements like PL.13030, PL.45489, C PD.1451, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.13032, PL.6434, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 455231, 455247, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-							% Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW					KW	KVAR	Cons On	Cons Thru
PL.21238	PL.13610	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	6.753 0.020	0.020	0 0	0 0	0 0	4 0	
PL.41771	PL.21238	B	4ACSR	7.33Y	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	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	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	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 7.32Y	122.2 122.1	0.00 -0.00	3.81 3.95	1.17 0.00	1 0	8 0	3 0	94 100	0.00 0.00	0.0 0.0	6.823 0.070	0.070	0 0	0 0	0 0	3 0	
455213	PL.21237	B	Consumer	7.33Y	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	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 7.32Y	122.2 122.1	0.00 -0.00	3.82 3.95	0.36 0.00	0 0	2 0	1 0	89 100	0.00 0.00	0.0 0.0	6.965 0.142	0.142	0 0	0 0	0 0	1 0	
PL.13609	PL.13608	B C	4ACSR	7.33Y 7.32Y	122.2 122.1	0.00 0.00	3.82 3.95	0.00 0.00	0 0	0 0	0 0	100 100	0.00 0.00	0.0 0.0	7.095 0.130	0.130	0 0	0 0	0 0	0 0	
PL.40888	PL.13609	B C	4ACSR	7.33Y 7.32Y	122.2 122.1	0.00 0.00	3.82 3.95	0.00 0.00	0 0	0 0	0 0	100 100	0.00 0.00	0.0 0.0	7.136 0.041	0.041	0 0	0 0	0 0	0 0	
PD.7276-A	PL.40888	B C	Open	7.33Y 7.32Y	122.2 122.1	0.00 0.00	3.82 3.95	0.00 0.00	0 0	0 0	0 0	100 100	0.00 0.00	0.0 0.0	7.136 0.000	0.000	0 0	0 0	0 0	0 0	
456233	PL.13609	B C	Consumer	7.33Y 7.32Y	122.2 122.1	0.00 0.00	3.82 3.95	0.00 0.00	0 0	0 0	0 0	100 100	0.00 0.00	0.0 0.0	7.095 0.000	0.000	0 0	0 0	0 0	0 0	
456241	PL.13609	C	Consumer	7.32Y	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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 7.33Y	122.3 122.2	0.00 0.00	3.69 3.78	0.00 0.00	0 0	0 0	0 0	100 100	0.00 0.00	0.0 0.0	6.130 0.000	0.000	0 0	0 0	0 0	0 0	
PL.45487	PL.13030	B	4ACSR	7.34Y	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	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	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	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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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\EXISTING JUL05 CWP.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\EXISTING JUL05 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.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\EXISTING JUL05 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							
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\EXISTING JUL05 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
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\EXISTING JUL05 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 (BOWEN3) Beginning with Device PD.3932.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.14082, PL.19224, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.26780, PD.183-A, PL.26781, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 across multiple rows.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 header section for units displayed in volts.

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\EXISTING JUL05 CWP.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 elements like PL.18286, 081304, 081311, 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\EXISTING JUL05 CWP.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.26406, PD.1170, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 576806, PL.14220, 577910, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.579-B, PL.38129, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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 '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

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.18520, PL.8350, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
080513	PL.19847	B	Consumer	7.42Y	123.7	0.00	2.29	0.43	0	2	2	71	0.00	0.0	4.408	0.000	2	2	1	1
080527	PL.19847	C	Consumer	7.46Y	124.3	0.00	1.73	0.37	0	2	2	71	0.00	0.0	4.408	0.000	2	2	1	1
PL.19846	PL.19847	A	1/0CU	7.59Y	126.5	-0.00	-0.50	0.01	0	0	0	100	0.00	0.0	4.438	0.030	0	0	0	1
		B		7.42Y	123.7	0.00	2.30	3.34	1	19	16	77					0	0	0	8
		C		7.46Y	124.3	0.00	1.74	7.42	3	42	36	77					0	0	0	20
PL.8355	PL.19846	A	1/0CU	7.59Y	126.5	-0.00	-0.50	0.01	0	0	0	100	0.00	0.0	4.439	0.001	0	0	0	1
		B		7.42Y	123.7	0.00	2.30	3.34	1	19	16	77					0	0	0	8
		C		7.46Y	124.3	0.00	1.74	7.42	3	42	36	77					0	0	0	20
PL.23817	PL.8355	A	1/0CU	7.59Y	126.5	0.00	-0.50	0.00	0	0	0	100	0.00	0.0	4.439	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		7.46Y	124.3	0.00	1.74	0.00	0	0	0	100					0	0	0	0
H PL.20687	PL.8355	A	1/0CU	7.59Y	126.5	-0.01	-0.50	0.01	0	0	0	100	0.01	0.0	4.580	0.142	0	0	0	1 H
		B		7.42Y	123.7	0.01	2.31	3.34	1	19	16	77					0	0	0	8
		C		7.45Y	124.2	0.02	1.76	7.42	3	42	36	77					0	0	0	20
H PL.20686	PL.20687	A	1/0CU	7.59Y	126.5	-0.01	-0.51	0.01	0	0	0	100	0.01	0.0	4.700	0.119	0	0	0	1 H
		B		7.42Y	123.7	0.01	2.31	2.82	1	16	13	77					0	0	0	7
		C		7.45Y	124.2	0.02	1.78	7.42	3	42	36	77					0	0	0	20
H PL.23818	PL.20686	A	4ACSR	7.59Y	126.5	0.00	-0.51	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	-0.51	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	-0.52	0.00	0	0	0	100	0.01	0.0	4.848	0.148	0	0	0	0 H
		B		7.42Y	123.7	0.01	2.32	2.82	1	16	13	77					0	0	0	7
		C		7.45Y	124.2	0.02	1.80	7.42	3	42	36	77					0	0	0	20
PL.20232	PL.14878	B	4ACSR	7.42Y	123.7	0.00	2.32	0.33	0	2	2	71	0.00	0.0	4.857	0.009	0	0	0	1
PD.1116	PL.20232	B	fuse6AMP	7.42Y	123.7	0.00	2.32	0.33	6	2	2	71	0.00	0.0	4.857	0.000	0	0	0	1
PL.20233	PD.1116	B	4ACSR	7.42Y	123.7	0.00	2.32	0.33	0	2	2	71	0.00	0.0	4.951	0.094	0	0	0	1
029507	PL.20233	B	Consumer	7.42Y	123.7	0.00	2.32	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	-0.52	0.00	0	0	0	100	0.00	0.0	4.880	0.031	0	0	0	0 H
		B		7.42Y	123.7	0.00	2.32	2.49	1	14	12	77					0	0	0	6
		C		7.45Y	124.2	0.00	1.80	7.42	3	42	36	77					0	0	0	20
H PL.26587	PL.14877	A	1/0CU	7.59Y	126.5	-0.00	-0.52	0.00	0	0	0	100	0.00	0.0	4.881	0.002	0	0	0	0 H
		B		7.42Y	123.7	0.00	2.32	2.49	1	14	12	77					0	0	0	6
		C		7.45Y	124.2	0.00	1.80	7.42	3	42	36	77					0	0	0	20
H PL.26586	PL.26587	A	1/0CU	7.59Y	126.5	-0.00	-0.52	0.00	0	0	0	100	0.00	0.0	4.968	0.087	0	0	0	0 H
		B		7.42Y	123.7	0.00	2.33	2.49	1	14	12	77					0	0	0	6
		C		7.45Y	124.2	0.00	1.81	2.36	1	13	11	77					0	0	0	5
H PL.14883	PL.26586	A	1/0CU	7.59Y	126.5	-0.01	-0.53	0.00	0	0	0	100	0.00	0.0	5.449	0.481	0	0	0	0 H
		B		7.42Y	123.6	0.03	2.35	2.46	1	14	12	77					0	0	0	5
		C		7.45Y	124.2	0.02	1.82	2.36	1	13	11	77					0	0	0	5
H PL.14884	PL.14883	A	1/0CU	7.59Y	126.5	-0.00	-0.53	0.00	0	0	0	100	0.00	0.0	5.511	0.062	0	0	0	0 H
		B		7.42Y	123.6	0.00	2.36	2.11	1	12	10	77					0	0	0	4
		C		7.45Y	124.2	0.00	1.82	2.36	1	13	11	77					0	0	0	5
PL.45652	PL.14884	B	4ACSR	7.42Y	123.6	0.00	2.36	0.63	1	4	3	80	0.00	0.0	5.578	0.067	0	0	0	1
PL.45651	PL.45652	B	4ACSR	7.42Y	123.6	0.00	2.36	0.63	1	4	3	80	0.00	0.0	5.626	0.048	0	0	0	1
028529	PL.45651	B	Consumer	7.42Y	123.6	0.00	2.36	0.63	0	4	3	80	0.00	0.0	5.626	0.000	4	3	1	1
PL.45650	PL.45652	B	4ACSR	7.42Y	123.6	0.00	2.36	0.00	0	0	0	100	0.00	0.0	5.618	0.040	0	0	0	0
0285033	PL.45650	B	Consumer	7.42Y	123.6	0.00	2.36	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	126.5	-0.00	-0.53	0.00	0	0	0	100	0.00	0.0	5.551	0.041	0	0	0	0 H
		B		7.42Y	123.6	0.00	2.36	1.48	1	8	7	77					0	0	0	3
		C		7.45Y	124.2	0.00	1.83	2.36	1	13	11	77					0	0	0	5
028503	PL.19493	B	Consumer	7.42Y	123.6	0.00	2.36	0.20	0	1	1	71	0.00	0.0	5.551	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.20251	PL.19493	A	1/0CU	7.59Y	126.5	-0.00	-0.53	0.00	0	0	0	100	0.00	0.0	5.685	0.134	0	0	0	0	H		
		B		7.42Y	123.6	0.00	2.36	1.28	0	7	6	77					0	0	0	0	2		
		C		7.45Y	124.2	0.01	1.83	2.36	1	13	11	77					0	0	0	0	5		
H PD.233-A	PL.20251	A	Closed	7.59Y	126.5	0.00	-0.53	0.00	0	0	0	100	0.00	0.0	5.685	0.000	0	0	0	0	0	H	
		B		7.42Y	123.6	0.00	2.36	1.28	0	7	6	77					0	0	0	0	2		
		C		7.45Y	124.2	0.00	1.83	2.36	0	13	11	77					0	0	0	0	5		
H PD.233-B	PD.233-A	A	Closed	7.59Y	126.5	0.00	-0.53	0.00	0	0	0	100	0.00	0.0	5.685	0.000	0	0	0	0	0	H	
		B		7.42Y	123.6	0.00	2.36	1.28	0	7	6	77					0	0	0	0	2		
		C		7.45Y	124.2	0.00	1.83	2.36	0	13	11	77					0	0	0	0	5		
H PL.20250	PD.233-B	A	1/0CU	7.59Y	126.5	-0.00	-0.53	0.00	0	0	0	100	0.00	0.0	5.723	0.038	0	0	0	0	0	H	
		B		7.42Y	123.6	0.00	2.36	1.28	0	7	6	77					0	0	0	0	2		
		C		7.45Y	124.2	0.00	1.83	2.36	1	13	11	77					0	0	0	0	5		
PL.2003	PL.20250	B	4ACSR	7.42Y	123.6	0.00	2.37	1.28	1	7	6	76	0.00	0.0	5.806	0.082	0	0	0	0	2		
028530	PL.2003	B	Consumer	7.42Y	123.6	0.00	2.37	0.48	0	3	2	83	0.00	0.0	5.806	0.000	3	2	1	1			
0285032	PL.2003	B	Consumer	7.42Y	123.6	0.00	2.37	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	126.5	-0.00	-0.53	0.00	0	0	0	100	0.00	0.0	5.792	0.069	0	0	0	0	0	H	
		B		7.42Y	123.6	-0.00	2.36	0.00	0	0	0	100					0	0	0	0	0		
		C		7.45Y	124.2	0.00	1.84	2.36	1	13	11	77					0	0	0	0	5		
H PL.15034	PL.14885	A	1/0CU	7.59Y	126.5	-0.00	-0.54	0.00	0	0	0	100	0.00	0.0	5.950	0.158	0	0	0	0	0	H	
		B		7.42Y	123.6	-0.00	2.36	0.00	0	0	0	100					0	0	0	0	0		
		C		7.45Y	124.2	0.00	1.84	1.13	0	6	5	77					0	0	0	0	3		
H PL.14886	PL.15034	A	1/0CU	7.59Y	126.5	-0.00	-0.54	0.00	0	0	0	100	0.00	0.0	6.170	0.220	0	0	0	0	0	H	
		B		7.42Y	123.6	-0.00	2.36	0.00	0	0	0	100					0	0	0	0	0		
		C		7.45Y	124.2	0.00	1.84	0.42	0	2	2	77					0	0	0	0	1		
H PL.14953	PL.14886	A	1/0CU	7.59Y	126.5	-0.00	-0.54	0.00	0	0	0	100	0.00	0.0	6.218	0.048	0	0	0	0	0	H	
		B		7.42Y	123.6	-0.00	2.36	0.00	0	0	0	100					0	0	0	0	0		
		C		7.45Y	124.2	0.00	1.84	0.42	0	2	2	77					0	0	0	0	1		
H PL.45991	PL.14953	A	1/0CU	7.59Y	126.5	0.00	-0.54	0.00	0	0	0	100	0.00	0.0	6.249	0.031	0	0	0	0	0	H	
		B		7.42Y	123.6	0.00	2.36	0.00	0	0	0	100					0	0	0	0	0		
		C		7.45Y	124.2	0.00	1.84	0.00	0	0	0	100					0	0	0	0	0		
H PL.45990	PL.45991	A	1/0CU	7.59Y	126.5	0.00	-0.54	0.00	0	0	0	100	0.00	0.0	6.254	0.005	0	0	0	0	0	H	
		B		7.42Y	123.6	0.00	2.36	0.00	0	0	0	100					0	0	0	0	0		
		C		7.45Y	124.2	0.00	1.84	0.00	0	0	0	100					0	0	0	0	0		
H PL.26326	PL.45990	A	1/0CU	7.59Y	126.5	0.00	-0.54	0.00	0	0	0	100	0.00	0.0	6.261	0.006	0	0	0	0	0	H	
		B		7.42Y	123.6	0.00	2.36	0.00	0	0	0	100					0	0	0	0	0		
		C		7.45Y	124.2	0.00	1.84	0.00	0	0	0	100					0	0	0	0	0		
H PD.232-B	PL.26326	A	Open	7.59Y	126.5	0.00	-0.54	0.00	0	0	0	100	0.00	0.0	6.261	0.000	0	0	0	0	0	H	
		B		7.42Y	123.6	0.00	2.36	0.00	0	0	0	100					0	0	0	0	0		
		C		7.45Y	124.2	0.00	1.84	0.00	0	0	0	100					0	0	0	0	0		
H PL.45989	PL.45991	A	2ACSR	7.59Y	126.5	0.00	-0.54	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	126.5	0.00	-0.54	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	7.45Y	124.2	0.00	1.84	0.42	0	2	2	71	0.00	0.0	6.218	0.000	2	2	1	1			
PL.21698	PL.15034	C	4ACSR	7.45Y	124.2	0.00	1.84	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	7.45Y	124.2	0.00	1.84	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	7.45Y	124.2	0.00	1.84	0.70	1	4	3	80	0.00	0.0	6.027	0.067	0	0	0	0	2		
028527	PL.21699	C	Consumer	7.45Y	124.2	0.00	1.84	0.15	0	1	1	71	0.00	0.0	6.027	0.000	1	1	1	1			
028501	PL.21699	C	Consumer	7.45Y	124.2	0.00	1.84	0.56	0	3	3	71	0.00	0.0	6.027	0.000	3	3	1	1			
PL.19393	PL.14885	C	4ACSR	7.45Y	124.2	0.00	1.84	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	7.45Y	124.2	0.00	1.84	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	7.45Y	124.2	0.00	1.84	1.23	1	7	6	76	0.00	0.0	5.874	0.048	0	0	0	0	2		

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.23822, 028504, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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							
028602	PL.19578	C	Consumer	7.44Y	124.1	0.00	1.94	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	124.1	0.00	1.94	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	124.1	0.00	1.94	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	124.1	0.00	1.94	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	124.1	0.00	1.94	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	124.1	0.00	1.94	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	124.1	0.00	1.93	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	124.1	0.00	1.92	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	124.1	0.00	1.92	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	124.1	0.00	1.92	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	124.1	0.00	1.92	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	124.1	0.00	1.92	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	124.1	0.00	1.92	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	124.1	0.00	1.92	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	124.1	0.00	1.92	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	124.1	0.00	1.92	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	124.1	0.00	1.92	0.33	0	2	2	71	0.00	0.0	5.600	0.000	2	2	1	1
028526	PL.19336	C	Consumer	7.45Y	124.1	0.00	1.91	0.78	0	4	4	71	0.00	0.0	5.480	0.000	4	4	1	1
028511	PL.19336	C	Consumer	7.45Y	124.1	0.00	1.91	0.36	0	2	2	71	0.00	0.0	5.480	0.000	2	2	1	1
028528	PL.14880	C	Consumer	7.45Y	124.1	0.00	1.90	0.57	0	3	3	71	0.00	0.0	5.411	0.000	3	3	1	1
PL.23820	PD.3778	C	4ACSR	7.45Y	124.1	0.00	1.85	0.12	0	1	1	71	0.00	0.0	5.208	0.064	0	0	0	1
029514	PL.23820	C	Consumer	7.45Y	124.1	0.00	1.85	0.12	0	1	1	71	0.00	0.0	5.208	0.000	1	1	1	1
029509	PL.18779	C	Consumer	7.45Y	124.2	0.00	1.82	0.41	0	2	2	71	0.00	0.0	4.944	0.000	2	2	1	1
029505	PL.20687	B	Consumer	7.42Y	123.7	0.00	2.31	0.52	0	3	2	83	0.00	0.0	4.580	0.000	3	2	1	1
080514	PL.19846	B	Consumer	7.42Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	4.438	0.000	0	0	0	0
080517	PL.19144	B	Consumer	7.42Y	123.7	0.00	2.28	0.12	0	1	1	71	0.00	0.0	4.215	0.000	1	1	1	1
PL.26798	PL.14876	C	4ACSR	7.46Y	124.3	0.00	1.70	0.21	0	1	1	71	0.00	0.0	4.207	0.021	0	0	0	1
PD.2022	PL.26798	C	fuse6AMP	7.46Y	124.3	0.00	1.70	0.21	4	1	1	71	0.00	0.0	4.207	0.000	0	0	0	1
PL.26799	PD.2022	C	4ACSR	7.46Y	124.3	0.00	1.70	0.21	0	1	1	71	0.00	0.0	4.280	0.074	0	0	0	1
080521	PL.26799	C	Consumer	7.46Y	124.3	0.00	1.70	0.21	0	1	1	71	0.00	0.0	4.280	0.000	1	1	1	1
PL.27614	PL.15028	C	4ACSR	7.46Y	124.4	0.00	1.65	0.00	0	0	0	100	0.00	0.0	3.948	0.021	0	0	0	0
PD.2020	PL.27614	C	fuse6AMP	7.46Y	124.4	0.00	1.65	0.00	0	0	0	100	0.00	0.0	3.948	0.000	0	0	0	0
PL.27615	PD.2020	C	4ACSR	7.46Y	124.4	0.00	1.65	0.00	0	0	0	100	0.00	0.0	4.128	0.180	0	0	0	0
PL.26800	PL.15028	C	4ACSR	7.46Y	124.4	0.00	1.65	0.08	0	0	0	100	0.00	0.0	3.953	0.027	0	0	0	1
PD.2019	PL.26800	C	fuse6AMP	7.46Y	124.4	0.00	1.65	0.08	1	0	0	100	0.00	0.0	3.953	0.000	0	0	0	1
PL.26801	PD.2019	C	4ACSR	7.46Y	124.4	0.00	1.65	0.08	0	0	0	100	0.00	0.0	4.052	0.099	0	0	0	1
080520	PL.26801	C	Consumer	7.46Y	124.4	0.00	1.65	0.08	0	0	0	100	0.00	0.0	4.052	0.000	0	0	1	1
081513	PL.7640	C	Consumer	7.47Y	124.4	0.00	1.58	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\EXISTING JUL05 CWP.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: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.15367, PL.1488, PL.5794, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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----- Length (mi)	KW	KVAR	Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	kW Loss									
PL.15373	PL.18336	B	4ACSR	7.37Y	122.8	0.01	3.25	3.56	3	20	17	76	0.00	0.0	5.923	0.088	0	0	0	9	
PL.5786	PL.15373	B	4ACSR	7.36Y	122.7	0.02	3.27	2.43	2	14	11	79	0.00	0.0	6.105	0.181	0	0	0	6	
028303	PL.5786	B	Consumer	7.36Y	122.7	0.00	3.27	0.55	0	3	3	71	0.00	0.0	6.105	0.000	3	3	1	1	
028308	PL.5786	B	Consumer	7.36Y	122.7	0.00	3.27	0.03	0	0	0	100	0.00	0.0	6.105	0.000	0	0	1	1	
PL.5788	PL.5786	B	4ACSR	7.36Y	122.7	0.01	3.28	1.85	2	10	9	74	0.00	0.0	6.249	0.145	0	0	0	4	
PL.17708	PL.5788	B	4ACSR	7.36Y	122.7	0.02	3.30	1.85	2	10	9	74	0.00	0.0	6.467	0.218	0	0	0	4	
PL.19078	PL.17708	B	4ACSR	7.36Y	122.7	0.00	3.30	1.35	1	8	6	80	0.00	0.0	6.519	0.052	0	0	0	3	
028312	PL.19078	B	Consumer	7.36Y	122.7	0.00	3.30	0.68	0	4	3	80	0.00	0.0	6.519	0.000	4	3	1	1	
PL.19079	PL.19078	B	4ACSR	7.36Y	122.7	0.00	3.30	0.67	1	4	3	80	0.00	0.0	6.555	0.037	0	0	0	2	
PL.19080	PL.19079	B	4ACSR	7.36Y	122.7	0.00	3.31	0.49	0	3	2	83	0.00	0.0	6.689	0.134	0	0	0	1	
027311	PL.19080	B	Consumer	7.36Y	122.7	0.00	3.31	0.49	0	3	2	83	0.00	0.0	6.689	0.000	3	2	1	1	
027318	PL.19080	B	Consumer	7.36Y	122.7	0.00	3.31	0.00	0	0	0	100	0.00	0.0	6.689	0.000	0	0	0	0	
027320	PL.19079	B	Consumer	7.36Y	122.7	0.00	3.30	0.18	0	1	1	71	0.00	0.0	6.555	0.000	1	1	1	1	
PL.30915	PL.17708	B	4ACSR	7.36Y	122.7	0.00	3.30	0.50	0	3	2	83	0.00	0.0	6.473	0.006	0	0	0	1	
PD.3817	PL.30915	B	fuse6AMP	7.36Y	122.7	0.00	3.30	0.50	9	3	2	83	0.00	0.0	6.473	0.000	0	0	0	1	
PL.30916	PD.3817	B	4ACSR	7.36Y	122.7	0.00	3.30	0.50	0	3	2	83	0.00	0.0	6.515	0.043	0	0	0	1	
028318	PL.30916	B	Consumer	7.36Y	122.7	0.00	3.30	0.50	0	3	2	83	0.00	0.0	6.515	0.000	3	2	1	1	
028317	PL.15373	B	Consumer	7.37Y	122.8	0.00	3.25	0.60	0	3	3	71	0.00	0.0	5.923	0.000	3	3	1	1	
028304	PL.15373	B	Consumer	7.37Y	122.8	0.00	3.25	0.40	0	2	2	71	0.00	0.0	5.923	0.000	2	2	1	1	
028305	PL.15373	B	Consumer	7.37Y	122.8	0.00	3.25	0.13	0	1	1	71	0.00	0.0	5.923	0.000	1	1	1	1	
028306	PL.18333	B	Consumer	7.37Y	122.8	0.00	3.21	0.27	0	1	1	71	0.00	0.0	5.725	0.000	1	1	1	1	
028316	PL.18333	B	Consumer	7.37Y	122.8	0.00	3.21	0.11	0	1	1	71	0.00	0.0	5.725	0.000	1	1	1	1	
028314	PL.15372	B	Consumer	7.37Y	122.8	0.00	3.20	0.41	0	2	2	71	0.00	0.0	5.663	0.000	2	2	1	1	
PL.30873	PL.15371	B	4ACSR	7.37Y	122.8	0.00	3.18	0.17	0	1	1	71	0.00	0.0	5.582	0.011	0	0	0	1	
PD.3815	PL.30873	B	fuse6AMP	7.37Y	122.8	0.00	3.18	0.17	3	1	1	71	0.00	0.0	5.582	0.000	0	0	0	1	
PL.30874	PD.3815	B	4ACSR	7.37Y	122.8	0.00	3.18	0.17	0	1	1	71	0.00	0.0	5.639	0.058	0	0	0	1	
028307	PL.30874	B	Consumer	7.37Y	122.8	0.00	3.18	0.17	0	1	1	71	0.00	0.0	5.639	0.000	1	1	1	1	
PL.23811	PL.90	B	4ACSR	7.37Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	5.456	0.003	0	0	0	0	
PL.30911	PL.90	B	4ACSR	7.37Y	122.8	0.00	3.16	0.14	0	1	1	71	0.00	0.0	5.466	0.012	0	0	0	1	
PD.3814	PL.30911	B	fuse6AMP	7.37Y	122.8	0.00	3.16	0.14	2	1	1	71	0.00	0.0	5.466	0.000	0	0	0	1	
PL.30912	PD.3814	B	4ACSR	7.37Y	122.8	0.00	3.16	0.14	0	1	1	71	0.00	0.0	5.529	0.063	0	0	0	1	
028403	PL.30912	B	Consumer	7.37Y	122.8	0.00	3.16	0.14	0	1	1	71	0.00	0.0	5.529	0.000	1	1	1	1	
029407	PL.5794	B	Consumer	7.38Y	123.0	0.00	3.00	0.01	0	0	0	100	0.00	0.0	4.856	0.000	0	0	1	1	
PL.30907	PL.42303	B	4ACSR	7.38Y	123.0	0.00	2.96	0.57	0	3	3	71	0.00	0.0	4.763	0.018	0	0	0	1	
PD.3811	PL.30907	B	fuse6AMP	7.38Y	123.0	0.00	2.96	0.57	10	3	3	71	0.00	0.0	4.763	0.000	0	0	0	1	
PL.30908	PD.3811	B	4ACSR	7.38Y	123.0	0.00	2.96	0.57	0	3	3	71	0.00	0.0	4.799	0.037	0	0	0	1	
PL.8353	PL.30908	B	4ACSR	7.38Y	123.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	4.819	0.019	0	0	0	0	
080422	PL.30908	B	Consumer	7.38Y	123.0	0.00	2.96	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\EXISTING JUL05 CWP.WM\
 Title:
 Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi		-----Element-----				
							-Base Voltage:120.0-		Thru KW	% PF	kW Loss	% Loss	From Src	Length (mi)	KW	KVAR	Cons On	Cons Thru		
							Accum Drop	Thru Amps												
PL.30905	PL.42303	B	4ACSR	7.38Y	123.0	0.00	2.96	0.55	0	3	3	71	0.00	0.0	4.759	0.014	0	0	0	2
PD.3810	PL.30905	B	fuse6AMP	7.38Y	123.0	0.00	2.96	0.55	9	3	3	71	0.00	0.0	4.759	0.000	0	0	0	2
PL.30906	PD.3810	B	4ACSR	7.38Y	123.0	0.00	2.96	0.55	0	3	3	71	0.00	0.0	4.895	0.136	0	0	0	2
080412	PL.30906	B	Consumer	7.38Y	123.0	0.00	2.96	0.26	0	1	1	71	0.00	0.0	4.895	0.000	1	1	1	1
080423	PL.30906	B	Consumer	7.38Y	123.0	0.00	2.96	0.29	0	2	1	89	0.00	0.0	4.895	0.000	2	1	1	1
080402	PL.15368	B	Consumer	7.38Y	123.1	0.00	2.94	0.26	0	1	1	71	0.00	0.0	4.687	0.000	1	1	1	1
080411	PL.15368	B	Consumer	7.38Y	123.1	0.00	2.94	0.13	0	1	1	71	0.00	0.0	4.687	0.000	1	1	1	1
PL.30869	PL.19666	B	4ACSR	7.38Y	123.1	0.00	2.93	0.75	1	4	4	71	0.00	0.0	4.678	0.011	0	0	0	1
PD.3809	PL.30869	B	fuse6AMP	7.38Y	123.1	0.00	2.93	0.75	13	4	4	71	0.00	0.0	4.678	0.000	0	0	0	1
PL.30870	PD.3809	B	4ACSR	7.38Y	123.1	0.00	2.93	0.75	1	4	4	71	0.00	0.0	4.767	0.089	0	0	0	1
080425	PL.30870	B	Consumer	7.38Y	123.1	0.00	2.93	0.75	0	4	4	71	0.00	0.0	4.767	0.000	4	4	1	1
080416	PL.18710	B	Consumer	7.39Y	123.1	0.00	2.91	0.00	0	0	0	100	0.00	0.0	4.621	0.000	0	0	0	0
080408	PL.18710	B	Consumer	7.39Y	123.1	0.00	2.91	0.35	0	2	2	71	0.00	0.0	4.621	0.000	2	2	1	1
080424	PL.18710	B	Consumer	7.39Y	123.1	0.00	2.91	0.35	0	2	2	71	0.00	0.0	4.621	0.000	2	2	1	1
PL.30901	PL.7641	B	4ACSR	7.39Y	123.1	0.00	2.87	2.19	2	12	10	77	0.00	0.0	4.538	0.011	0	0	0	5
PD.3807	PL.30901	B	fuse6AMP	7.39Y	123.1	0.00	2.87	2.19	37	12	10	77	0.00	0.0	4.538	0.000	0	0	0	5
PL.30902	PD.3807	B	4ACSR	7.39Y	123.1	0.01	2.87	2.19	2	12	10	77	0.00	0.0	4.608	0.070	0	0	0	5
PL.5204	PL.30902	B	4ACSR	7.39Y	123.1	0.00	2.87	0.14	0	1	1	71	0.00	0.0	4.667	0.059	0	0	0	1
PL.5205	PL.5204	B	4ACSR	7.39Y	123.1	0.00	2.87	0.14	0	1	1	71	0.00	0.0	4.724	0.057	0	0	0	1
080409	PL.5205	B	Consumer	7.39Y	123.1	0.00	2.87	0.14	0	1	1	71	0.00	0.0	4.724	0.000	1	1	1	1
080421	PL.30902	B	Consumer	7.39Y	123.1	0.00	2.87	0.50	0	3	2	83	0.00	0.0	4.608	0.000	3	2	1	1
080420	PL.30902	B	Consumer	7.39Y	123.1	0.00	2.87	0.71	0	4	3	80	0.00	0.0	4.608	0.000	4	3	1	1
080418	PL.30902	B	Consumer	7.39Y	123.1	0.00	2.87	0.48	0	3	2	83	0.00	0.0	4.608	0.000	3	2	1	1
080419	PL.30902	B	Consumer	7.39Y	123.1	0.00	2.87	0.37	0	2	2	71	0.00	0.0	4.608	0.000	2	2	1	1
PL.5202	PL.14572	B	4ACSR	7.40Y	123.3	0.00	2.69	0.35	0	2	2	71	0.00	0.0	4.352	0.130	0	0	0	2
081422	PL.5202	B	Consumer	7.40Y	123.3	0.00	2.69	0.31	0	2	1	89	0.00	0.0	4.352	0.000	2	1	1	1
081419	PL.5202	B	Consumer	7.40Y	123.3	0.00	2.69	0.04	0	0	0	100	0.00	0.0	4.352	0.000	0	0	1	1
PL.30899	PL.14572	B	4ACSR	7.40Y	123.3	0.00	2.69	0.42	0	2	2	71	0.00	0.0	4.224	0.002	0	0	0	2
PD.3805	PL.30899	B	fuse6AMP	7.40Y	123.3	0.00	2.69	0.42	7	2	2	71	0.00	0.0	4.224	0.000	0	0	0	2
PL.30900	PD.3805	B	4ACSR	7.40Y	123.3	0.00	2.69	0.42	0	2	2	71	0.00	0.0	4.243	0.019	0	0	0	2
PL.30868	PL.30900	B	4ACSR	7.40Y	123.3	0.00	2.69	0.42	0	2	2	71	0.00	0.0	4.277	0.035	0	0	0	2
PL.21299	PL.30868	B	4ACSR	7.40Y	123.3	0.00	2.69	0.42	0	2	2	71	0.00	0.0	4.311	0.034	0	0	0	2
PL.21226	PL.21299	B	4ACSR	7.40Y	123.3	0.00	2.69	0.20	0	1	1	71	0.00	0.0	4.406	0.095	0	0	0	1
080410	PL.21226	B	Consumer	7.40Y	123.3	0.00	2.69	0.20	0	1	1	71	0.00	0.0	4.406	0.000	1	1	1	1
080426	PL.21299	B	Consumer	7.40Y	123.3	0.00	2.69	0.21	0	1	1	71	0.00	0.0	4.311	0.000	1	1	1	1
PL.21297	PL.30868	B	4ACSR	7.40Y	123.3	0.00	2.69	0.00	0	0	0	100	0.00	0.0	4.342	0.065	0	0	0	0
080407	PL.21297	B	Consumer	7.40Y	123.3	0.00	2.69	0.00	0	0	0	100	0.00	0.0	4.342	0.000	0	0	0	0
081403	PL.20217	B	Consumer	7.41Y	123.5	0.00	2.48	0.08	0	1	0	100	0.00	0.0	3.887	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: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.5200, 081417, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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, Thru % Cap, Thru KW, Thru KVAR, % PF, kW Loss, % Loss), mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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
082523	PL.16308	B	Consumer	7.38Y	122.9	0.00	3.07	0.32	0	2	2	71	0.00	0.0	2.794	0.000	2	2	1	1
082541	PL.26318	B	Consumer	7.38Y	122.9	0.00	3.07	0.51	0	3	2	83	0.00	0.0	2.712	0.000	3	2	1	1
PL.26319	PL.26318	B	4ACSR	7.37Y	122.9	0.04	3.11	22.98	19	136	101	80	0.05	0.0	2.748	0.036	0	0	0	74
PL.26317	PL.26319	B	4ACSR	7.37Y	122.9	0.00	3.11	22.72	19	134	100	80	0.00	0.0	2.749	0.001	0	0	0	73
PL.26316	PL.26317	B	4ACSR	7.37Y	122.8	0.06	3.17	22.72	19	134	100	80	0.07	0.1	2.805	0.055	0	0	0	73
PL.26633	PL.26316	B	4ACSR	7.37Y	122.8	0.06	3.22	22.18	19	131	97	80	0.06	0.0	2.860	0.055	0	0	0	70
PL.39581	PL.26633	B	2ACSR	7.37Y	122.8	0.00	3.22	0.50	0	3	2	83	0.00	0.0	2.914	0.054	0	0	0	1
0825060	PL.39581	B	Consumer	7.37Y	122.8	0.00	3.22	0.50	0	3	2	83	0.00	0.0	2.914	0.000	3	2	1	1
082509	PL.26633	B	Consumer	7.37Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	2.860	0.000	0	0	0	0
PL.7637	PL.26633	B	4ACSR	7.36Y	122.7	0.03	3.26	21.69	18	128	95	80	0.04	0.0	2.894	0.034	0	0	0	69
082544	PL.7637	B	Consumer	7.36Y	122.7	0.00	3.26	0.85	0	5	4	78	0.00	0.0	2.894	0.000	5	4	1	1
PL.26631	PL.7637	B	4ACSR	7.36Y	122.7	0.09	3.35	20.84	18	124	91	81	0.09	0.1	2.985	0.091	0	0	0	68
PL.26632	PL.26631	B	4ACSR	7.35Y	122.5	0.15	3.50	19.08	16	114	83	81	0.15	0.1	3.155	0.170	0	0	0	64
PL.26490	PL.26632	B	4ACSR	7.35Y	122.4	0.08	3.57	19.08	16	113	83	81	0.08	0.1	3.244	0.089	0	0	0	64
PL.16313	PL.26490	B	4ACSR	7.35Y	122.4	0.00	3.57	0.16	0	1	1	71	0.00	0.0	3.252	0.007	0	0	0	1
PD.2014	PL.16313	B	fuse6AMP	7.35Y	122.4	0.00	3.57	0.16	3	1	1	71	0.00	0.0	3.252	0.000	0	0	0	1
PL.16314	PD.2014	B	4ACSR	7.35Y	122.4	0.00	3.57	0.16	0	1	1	71	0.00	0.0	3.292	0.040	0	0	0	1
082514	PL.16314	B	Consumer	7.35Y	122.4	0.00	3.57	0.16	0	1	1	71	0.00	0.0	3.292	0.000	1	1	1	1
PL.20688	PL.26490	B	4ACSR	7.34Y	122.3	0.11	3.69	18.92	16	112	82	81	0.11	0.1	3.374	0.130	0	0	0	63
082555	PL.20688	B	Consumer	7.34Y	122.3	0.00	3.69	0.00	0	0	0	100	0.00	0.0	3.374	0.000	0	0	1	1
PL.20689	PL.20688	B	4ACSR	7.34Y	122.3	0.04	3.73	18.92	16	112	82	81	0.04	0.0	3.423	0.049	0	0	0	62
PL.38605	PL.20689	B	4ACSR	7.34Y	122.3	0.00	3.73	0.25	0	1	1	71	0.00	0.0	3.427	0.004	0	0	0	3
PD.2015	PL.38605	B	fuse6AMP	7.34Y	122.3	0.00	3.73	0.25	4	1	1	71	0.00	0.0	3.427	0.000	0	0	0	3
PL.38606	PD.2015	B	4ACSR	7.34Y	122.3	0.00	3.73	0.25	0	1	1	71	0.00	0.0	3.455	0.029	0	0	0	3
PL.5191	PL.38606	B	4ACSR	7.34Y	122.3	0.00	3.73	0.17	0	1	1	71	0.00	0.0	3.569	0.113	0	0	0	2
081505	PL.5191	B	Consumer	7.34Y	122.3	0.00	3.73	0.17	0	1	1	71	0.00	0.0	3.569	0.000	1	1	1	1
081510	PL.5191	B	Consumer	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	3.569	0.000	0	0	1	1
082507	PL.38606	B	Consumer	7.34Y	122.3	0.00	3.73	0.08	0	0	0	100	0.00	0.0	3.455	0.000	0	0	1	1
PL.26489	PL.20689	B	4ACSR	7.33Y	122.2	0.07	3.81	18.67	16	111	80	81	0.07	0.1	3.509	0.086	0	0	0	59
PL.16315	PL.26489	B	4ACSR	7.33Y	122.2	0.00	3.81	0.95	1	5	4	78	0.00	0.0	3.517	0.008	0	0	0	2
PD.2016	PL.16315	B	fuse6AMP	7.33Y	122.2	0.00	3.81	0.95	16	5	4	78	0.00	0.0	3.517	0.000	0	0	0	2
PL.16316	PD.2016	B	4ACSR	7.33Y	122.2	0.00	3.81	0.95	1	5	4	78	0.00	0.0	3.540	0.023	0	0	0	2
081512	PL.16316	B	Consumer	7.33Y	122.2	0.00	3.81	0.10	0	1	0	100	0.00	0.0	3.540	0.000	1	0	1	1
081508	PL.16316	B	Consumer	7.33Y	122.2	0.00	3.81	0.85	0	5	4	78	0.00	0.0	3.540	0.000	5	4	1	1
PL.16317	PL.26489	B	4ACSR	7.32Y	122.0	0.14	3.95	17.73	15	105	76	81	0.13	0.1	3.685	0.176	0	0	0	57
PD.576-A	PL.16317	B	Closed	7.32Y	122.0	0.00	3.95	17.73	0	105	76	81	0.00	0.0	3.685	0.000	0	0	0	57
PD.576-B	PD.576-A	B	Closed	7.32Y	122.0	0.00	3.95	17.73	0	105	76	81	0.00	0.0	3.685	0.000	0	0	0	57
PL.42764	PD.576-B	B	4ACSR	7.31Y	121.8	0.26	4.21	17.73	15	105	76	81	0.24	0.2	3.998	0.313	0	0	0	57

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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			
PL.42767	PL.42764	B	2ACSR	7.30Y	121.7	0.09	4.29	17.73	11	105	76	81	0.07	0.1	4.137	0.139	0	0	0	57	
PL.42769	PL.42767	B	2ACSR	7.30Y	121.7	0.04	4.34	17.73	11	105	76	81	0.03	0.0	4.206	0.069	0	0	0	57	
081507	PL.42769	B	Consumer	7.30Y	121.7	0.00	4.34	0.04	0	0	0	100	0.00	0.0	4.206	0.000	0	0	1	1	
081502	PL.42769	B	Consumer	7.30Y	121.7	0.00	4.34	0.38	0	2	2	71	0.00	0.0	4.206	0.000	2	2	1	1	
081509	PL.42769	B	Consumer	7.30Y	121.7	0.00	4.34	0.35	0	2	2	71	0.00	0.0	4.206	0.000	2	2	1	1	
PL.42774	PL.42769	B	2ACSR	7.30Y	121.6	0.06	4.40	16.96	11	101	72	81	0.05	0.0	4.310	0.104	0	0	0	54	
PL.42773	PL.42774	B	2ACSR	7.30Y	121.6	0.00	4.40	0.97	1	5	5	71	0.00	0.0	4.391	0.081	0	0	0	2	
081516	PL.42773	B	Consumer	7.30Y	121.6	0.00	4.40	0.46	0	3	2	83	0.00	0.0	4.391	0.000	3	2	1	1	
081503	PL.42773	B	Consumer	7.30Y	121.6	0.00	4.40	0.51	0	3	2	83	0.00	0.0	4.391	0.000	3	2	1	1	
PL.42775	PL.42774	B	2ACSR	7.29Y	121.6	0.04	4.44	15.99	10	95	67	82	0.03	0.0	4.380	0.070	0	0	0	52	
081514	PL.42775	B	Consumer	7.29Y	121.6	0.00	4.44	0.99	0	6	5	77	0.00	0.0	4.380	0.000	6	5	1	1	
081607	PL.42775	B	Consumer	7.29Y	121.6	0.00	4.44	0.02	0	0	0	100	0.00	0.0	4.380	0.000	0	0	1	1	
PL.42772	PL.42775	B	2ACSR	7.29Y	121.5	0.09	4.52	14.99	10	90	63	82	0.06	0.1	4.545	0.164	0	0	0	50	
0816013	PL.42772	B	Consumer	7.29Y	121.5	0.00	4.52	0.53	0	3	2	83	0.00	0.0	4.545	0.000	3	2	1	1	
PL.30316	PL.42772	B	4ACSR	7.28Y	121.4	0.08	4.60	14.47	12	87	60	82	0.06	0.1	4.657	0.112	0	0	0	49	
081612	PL.30316	B	Consumer	7.28Y	121.4	0.00	4.60	0.52	0	3	2	83	0.00	0.0	4.657	0.000	3	2	1	1	
PL.19097	PL.30316	B	4ACSR	7.28Y	121.3	0.08	4.68	13.96	12	84	58	82	0.05	0.1	4.774	0.117	0	0	0	48	
PL.19096	PL.19097	B	4ACSR	7.28Y	121.3	0.02	4.70	12.85	11	77	52	83	0.02	0.0	4.812	0.038	0	0	0	47	
PL.14380	PL.19096	B	4ACSR	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	4.860	0.048	0	0	0	0	
PL.8300	PL.14380	B	4ACSR	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	4.897	0.037	0	0	0	0	
081610	PL.8300	B	Consumer	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	4.897	0.000	0	0	0	0	
PL.8301	PL.8300	B	4ACSR	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	4.966	0.069	0	0	0	0	
PL.5034	PL.8301	B	4ACSR	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	5.352	0.386	0	0	0	0	
PL.19566	PL.19096	B	4ACSR	7.27Y	121.2	0.06	4.75	12.85	11	77	52	83	0.04	0.0	4.904	0.092	0	0	0	47	
PL.19565	PL.19566	B	4ACSR	7.27Y	121.2	0.02	4.77	12.58	11	76	51	83	0.01	0.0	4.941	0.037	0	0	0	45	
C PD.1145	PL.19565	B	fuse6AMP	7.27Y	121.2	0.00	4.77	12.58	215	76	51	83	0.00	0.0	4.941	0.000	0	0	0	45 C	
PL.18748	PD.1145	B	4ACSR	7.27Y	121.2	0.01	4.79	12.58	11	76	51	83	0.01	0.0	4.964	0.023	0	0	0	45	
PL.14379	PL.18748	B	4ACSR	7.26Y	121.0	0.21	5.00	12.58	11	76	51	83	0.14	0.2	5.323	0.359	0	0	0	45	
PL.18632	PL.14379	B	4ACSR	7.26Y	121.0	0.00	5.00	0.74	1	4	3	80	0.00	0.0	5.347	0.024	0	0	0	3	
PD.1146	PL.18632	B	fuse6AMP	7.26Y	121.0	0.00	5.00	0.74	13	4	3	80	0.00	0.0	5.347	0.000	0	0	0	3	
PL.18633	PD.1146	B	4ACSR	7.26Y	121.0	0.00	5.00	0.74	1	4	3	80	0.00	0.0	5.408	0.061	0	0	0	3	
PL.37966	PL.18633	B	4ACSR	7.26Y	121.0	0.00	5.00	0.25	0	1	1	71	0.00	0.0	5.482	0.075	0	0	0	2	
PL.37965	PL.37966	B	2ACSR	7.26Y	121.0	0.00	5.00	0.00	0	0	0	100	0.00	0.0	5.539	0.057	0	0	0	0	
PL.37967	PL.37966	B	4ACSR	7.26Y	121.0	0.00	5.00	0.25	0	1	1	71	0.00	0.0	5.586	0.104	0	0	0	2	
PL.19171	PL.37967	B	4ACSR	7.26Y	121.0	0.00	5.00	0.16	0	1	1	71	0.00	0.0	5.662	0.076	0	0	0	1	
081605	PL.19171	B	Consumer	7.26Y	121.0	0.00	5.00	0.16	0	1	1	71	0.00	0.0	5.662	0.000	1	1	1	1	
081604	PL.37967	B	Consumer	7.26Y	121.0	0.00	5.00	0.08	0	0	0	100	0.00	0.0	5.586	0.000	0	0	1	1	
081603	PL.18633	B	Consumer	7.26Y	121.0	0.00	5.00	0.49	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\EXISTING JUL05 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.39236	PL.14379	B	4ACSR	7.25Y	120.9	0.10	5.10	11.84	10	72	48	83	0.06	0.1	5.511	0.188	0	0	0	42
0816016	PL.39236	B	Consumer	7.25Y	120.9	0.00	5.10	0.07	0	0	0	100	0.00	0.0	5.511	0.000	0	0	1	1
PL.39237	PL.39236	B	4ACSR	7.25Y	120.9	0.02	5.13	11.78	10	71	47	83	0.01	0.0	5.556	0.045	0	0	0	41
PD.3443	PL.39237	B	50V4E	7.25Y	120.9	0.00	5.13	11.78	24	71	47	83	0.00	0.0	5.556	0.000	0	0	0	41
PL.18802	PD.3443	B	4ACSR	7.25Y	120.8	0.05	5.18	11.78	10	71	47	83	0.03	0.0	5.651	0.095	0	0	0	41
PL.18805	PL.18802	B	4ACSR	7.25Y	120.8	0.00	5.18	0.59	0	3	3	71	0.00	0.0	5.671	0.020	0	0	0	3
PD.18-A	PL.18805	B	Closed	7.25Y	120.8	0.00	5.18	0.59	0	3	3	71	0.00	0.0	5.671	0.000	0	0	0	3
PD.18-B	PD.18-A	B	Closed	7.25Y	120.8	0.00	5.18	0.59	0	3	3	71	0.00	0.0	5.671	0.000	0	0	0	3
PL.18806	PD.18-B	B	4ACSR	7.25Y	120.8	0.00	5.18	0.59	0	3	3	71	0.00	0.0	5.692	0.021	0	0	0	3
PL.14378	PL.18806	B	4ACSR	7.25Y	120.8	0.00	5.18	0.31	0	2	1	89	0.00	0.0	5.771	0.079	0	0	0	2
PL.5032	PL.14378	B	4ACSR	7.25Y	120.8	0.00	5.18	0.31	0	2	1	89	0.00	0.0	5.848	0.077	0	0	0	2
PL.8294	PL.5032	B	4ACSR	7.25Y	120.8	0.00	5.18	0.31	0	2	1	89	0.00	0.0	5.848	0.000	0	0	0	2
PL.8295	PL.8294	B	4ACSR	7.25Y	120.8	0.00	5.18	0.27	0	2	1	89	0.00	0.0	5.936	0.089	0	0	0	1
082604	PL.8295	B	Consumer	7.25Y	120.8	0.00	5.18	0.27	0	2	1	89	0.00	0.0	5.936	0.000	2	1	1	1
082606	PL.8294	B	Consumer	7.25Y	120.8	0.00	5.18	0.04	0	0	0	100	0.00	0.0	5.848	0.000	0	0	1	1
081611	PL.18806	B	Consumer	7.25Y	120.8	0.00	5.18	0.00	0	0	0	100	0.00	0.0	5.692	0.000	0	0	0	0
081601	PL.18806	B	Consumer	7.25Y	120.8	0.00	5.18	0.28	0	2	1	89	0.00	0.0	5.692	0.000	2	1	1	1
PL.18803	PL.18802	B	4ACSR	7.25Y	120.8	0.01	5.18	11.19	9	68	44	84	0.00	0.0	5.664	0.013	0	0	0	38
C PD.1147	PL.18803	B	fuse6AMP	7.25Y	120.8	0.00	5.18	11.19	191	68	44	84	0.00	0.0	5.664	0.000	0	0	0	38 C
PL.18804	PD.1147	B	4ACSR	7.24Y	120.7	0.16	5.34	11.19	9	68	44	84	0.09	0.1	5.971	0.307	0	0	0	38
PL.19387	PL.18804	B	4ACSR	7.22Y	120.3	0.31	5.65	11.19	9	68	44	84	0.18	0.3	6.561	0.590	0	0	0	38
PD.19-A	PL.19387	B	Closed	7.22Y	120.3	0.00	5.65	11.19	0	68	44	84	0.00	0.0	6.561	0.000	0	0	0	38
PD.19-B	PD.19-A	B	Closed	7.22Y	120.3	0.00	5.65	11.19	0	68	44	84	0.00	0.0	6.561	0.000	0	0	0	38
PL.19388	PD.19-B	B	4ACSR	7.22Y	120.3	0.01	5.66	11.19	9	68	44	84	0.01	0.0	6.582	0.020	0	0	0	38
PD.20-A	PL.19388	B	Closed	7.22Y	120.3	0.00	5.66	11.19	0	68	44	84	0.00	0.0	6.582	0.000	0	0	0	38
PD.20-B	PD.20-A	B	Closed	7.22Y	120.3	0.00	5.66	11.19	0	68	44	84	0.00	0.0	6.582	0.000	0	0	0	38
PL.14376	PD.20-B	B	4ACSR	7.22Y	120.3	0.00	5.66	0.04	0	0	0	100	0.00	0.0	6.774	0.192	0	0	0	3
PL.18828	PL.14376	B	4ACSR	7.22Y	120.3	0.00	5.66	0.04	0	0	0	100	0.00	0.0	6.858	0.084	0	0	0	3
PD.1148	PL.18828	B	fuse6AMP	7.22Y	120.3	0.00	5.66	0.04	1	0	0	100	0.00	0.0	6.858	0.000	0	0	0	3
PL.18829	PD.1148	B	4ACSR	7.22Y	120.3	0.00	5.66	0.04	0	0	0	100	0.00	0.0	7.102	0.244	0	0	0	3
PL.5035	PL.18829	B	4ACSR	7.22Y	120.3	0.00	5.66	0.00	0	0	0	100	0.00	0.0	7.225	0.124	0	0	0	1
082712	PL.5035	B	Consumer	7.22Y	120.3	0.00	5.66	0.00	0	0	0	100	0.00	0.0	7.225	0.000	0	0	1	1
082703	PL.18829	B	Consumer	7.22Y	120.3	0.00	5.66	0.03	0	0	0	100	0.00	0.0	7.102	0.000	0	0	1	1
PL.14377	PL.18829	B	4ACSR	7.22Y	120.3	0.00	5.66	0.00	0	0	0	100	0.00	0.0	8.192	1.090	0	0	0	1
081701	PL.14377	B	Consumer	7.22Y	120.3	0.00	5.66	0.00	0	0	0	100	0.00	0.0	8.192	0.000	0	0	1	1
PL.14371	PD.20-B	B	4ACSR	7.22Y	120.3	0.05	5.71	11.16	9	67	44	84	0.03	0.0	6.681	0.099	0	0	0	35
PL.14372	PL.14371	B	4ACSR	7.22Y	120.3	0.01	5.73	10.37	9	63	40	84	0.01	0.0	6.705	0.024	0	0	0	31
PL.14373	PL.14372	B	4ACSR	7.21Y	120.2	0.04	5.77	10.37	9	63	40	84	0.02	0.0	6.788	0.083	0	0	0	31

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

Unbalanced Voltage Drop Report
Source: BOWEN

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
							-Base Voltage:120.0-															
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss								
PL.26909	PL.14373	B	4ACSR	7.21Y	120.2	0.00	5.77	0.78	1	4	4	71	0.00	0.0	6.804	0.016	0	0	0	1		
PD.1150	PL.26909	B	fuse6AMP	7.21Y	120.2	0.00	5.77	0.78	13	4	4	71	0.00	0.0	6.804	0.000	0	0	0	1		
PL.26910	PD.1150	B	4ACSR	7.21Y	120.2	0.00	5.77	0.78	1	4	4	71	0.00	0.0	6.842	0.038	0	0	0	1		
082708	PL.26910	B	Consumer	7.21Y	120.2	0.00	5.77	0.00	0	0	0	100	0.00	0.0	6.842	0.000	0	0	0	0		
082709	PL.26910	B	Consumer	7.21Y	120.2	0.00	5.77	0.78	0	4	4	71	0.00	0.0	6.842	0.000	4	4	1	1		
PL.14374	PL.14373	B	4ACSR	7.21Y	120.2	0.03	5.79	9.59	8	59	37	85	0.01	0.0	6.850	0.062	0	0	0	30		
PL.26588	PL.14374	B	4ACSR	7.21Y	120.2	0.00	5.79	0.00	0	0	0	100	0.00	0.0	6.925	0.075	0	0	0	0		
PD.21-A	PL.26588	B	Open	7.21Y	120.2	0.00	5.79	0.00	0	0	0	100	0.00	0.0	6.925	0.000	0	0	0	0		
PL.394	PL.14374	B	4ACSR	7.21Y	120.1	0.06	5.86	9.59	8	59	37	85	0.03	0.1	6.995	0.145	0	0	0	30		
PL.14355	PL.394	B	4ACSR	7.21Y	120.1	0.05	5.91	9.59	8	59	37	85	0.02	0.0	7.107	0.112	0	0	0	30		
PL.18919	PL.14355	B	4ACSR	7.21Y	120.1	0.00	5.91	0.45	0	2	2	71	0.00	0.0	7.124	0.017	0	0	0	1		
PD.1163	PL.18919	B	fuse6AMP	7.21Y	120.1	0.00	5.91	0.45	8	2	2	71	0.00	0.0	7.124	0.000	0	0	0	1		
PL.18920	PD.1163	B	4ACSR	7.21Y	120.1	0.00	5.91	0.45	0	2	2	71	0.00	0.0	7.181	0.057	0	0	0	1		
083703	PL.18920	B	Consumer	7.21Y	120.1	0.00	5.91	0.00	0	0	0	100	0.00	0.0	7.181	0.000	0	0	0	0		
083726	PL.18920	B	Consumer	7.21Y	120.1	0.00	5.91	0.45	0	2	2	71	0.00	0.0	7.181	0.000	2	2	1	1		
PL.18385	PL.14355	B	4ACSR	7.20Y	120.1	0.02	5.92	9.15	8	56	35	85	0.01	0.0	7.144	0.037	0	0	0	29		
PD.23-A	PL.18385	B	Closed	7.20Y	120.1	0.00	5.92	9.15	0	56	35	85	0.00	0.0	7.144	0.000	0	0	0	29		
PD.23-B	PD.23-A	B	Closed	7.20Y	120.1	0.00	5.92	9.15	0	56	35	85	0.00	0.0	7.144	0.000	0	0	0	29		
PL.18386	PD.23-B	B	4ACSR	7.20Y	120.1	0.00	5.93	9.15	8	56	35	85	0.00	0.0	7.150	0.006	0	0	0	29		
083704	PL.18386	B	Consumer	7.20Y	120.1	0.00	5.93	0.00	0	0	0	100	0.00	0.0	7.150	0.000	0	0	1	1		
PL.14356	PL.18386	B	4ACSR	7.20Y	120.0	0.09	6.02	9.15	8	56	35	85	0.04	0.1	7.368	0.218	0	0	0	28		
PL.28067	PL.14356	B	4ACSR	7.20Y	120.0	0.00	6.02	0.22	0	1	1	71	0.00	0.0	7.391	0.023	0	0	0	1		
PD.1154	PL.28067	B	fuse6AMP	7.20Y	120.0	0.00	6.02	0.22	4	1	1	71	0.00	0.0	7.391	0.000	0	0	0	1		
PL.28068	PD.1154	B	4ACSR	7.20Y	120.0	0.00	6.02	0.22	0	1	1	71	0.00	0.0	7.429	0.038	0	0	0	1		
PL.5054	PL.28068	B	4ACSR	7.20Y	120.0	0.00	6.02	0.22	0	1	1	71	0.00	0.0	7.665	0.237	0	0	0	1		
083719	PL.5054	B	Consumer	7.20Y	120.0	0.00	6.02	0.22	0	1	1	71	0.00	0.0	7.665	0.000	1	1	1	1		
PL.14357	PL.14356	B	4ACSR	7.19Y	119.8	0.13	6.15	8.93	8	55	34	85	0.06	0.1	7.688	0.319	0	0	0	27		
PL.14358	PL.14357	B	4ACSR	7.19Y	119.8	0.01	6.16	8.66	7	53	32	86	0.01	0.0	7.717	0.030	0	0	0	26		
PL.401	PL.14358	B	4ACSR	7.18Y	119.7	0.16	6.33	8.66	7	53	32	86	0.07	0.1	8.121	0.404	0	0	0	26		
PL.396	PL.401	B	4ACSR	7.17Y	119.5	0.13	6.46	8.66	7	53	32	86	0.06	0.1	8.440	0.319	0	0	0	26		
PL.397	PL.396	B	4ACSR	7.17Y	119.5	0.08	6.54	8.66	7	53	32	86	0.04	0.1	8.645	0.205	0	0	0	26		
PL.18950	PL.397	B	4ACSR	7.16Y	119.4	0.08	6.62	8.66	7	53	32	86	0.04	0.1	8.842	0.197	0	0	0	26		
PD.27-A	PL.18950	B	Closed	7.16Y	119.4	0.00	6.62	8.66	0	53	32	86	0.00	0.0	8.842	0.000	0	0	0	26		
PD.27-B	PD.27-A	B	Closed	7.16Y	119.4	0.00	6.62	8.66	0	53	32	86	0.00	0.0	8.842	0.000	0	0	0	26		
PL.18951	PD.27-B	B	4ACSR	7.16Y	119.3	0.12	6.74	8.66	7	53	32	86	0.05	0.1	9.148	0.306	0	0	0	26		
PL.8312	PL.18951	B	4ACSR	7.16Y	119.3	0.00	6.74	0.00	0	0	0	100	0.00	0.0	9.149	0.001	0	0	0	0		
PL.14359	PL.18951	B	4ACSR	7.15Y	119.2	0.06	6.80	8.66	7	53	32	86	0.03	0.1	9.302	0.154	0	0	0	26		
PL.14360	PL.14359	B	4ACSR	7.15Y	119.1	0.05	6.85	8.66	7	53	32	86	0.02	0.0	9.421	0.119	0	0	0	26		

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

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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: BOWEN

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	mi Length (mi)	Element		Cons		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	On	Thru
P PL.43672	PL.43671	B	1/0EPRJCN	7.09Y	118.2	-0.00	7.77	-0.03	0	0	0	100	0.00	0.0	12.644	0.059	0	0	0	0
0942019	PL.43672	B	Consumer	7.09Y	118.2	0.00	7.77	0.00	0	0	0	100	0.00	0.0	12.644	0.000	0	0	0	0
PL.19879	PL.14365	B	4ACSR	7.09Y	118.2	0.00	7.77	0.61	1	3	3	71	0.00	0.0	12.600	0.035	0	0	0	5
PL.19880	PL.19879	B	4ACSR	7.09Y	118.2	0.00	7.77	0.52	0	3	2	83	0.00	0.0	12.630	0.030	0	0	0	4
PL.14367	PL.19880	B	4ACSR	7.09Y	118.2	0.00	7.77	0.20	0	1	1	71	0.00	0.0	12.665	0.035	0	0	0	2
PL.5314	PL.14367	B	4ACSR	7.09Y	118.2	0.00	7.77	0.20	0	1	1	71	0.00	0.0	12.723	0.058	0	0	0	2
PL.5315	PL.5314	B	4ACSR	7.09Y	118.2	0.00	7.77	0.19	0	1	1	71	0.00	0.0	12.778	0.055	0	0	0	1
094211	PL.5315	B	Consumer	7.09Y	118.2	0.00	7.77	0.00	0	0	0	100	0.00	0.0	12.778	0.000	0	0	0	0
094210	PL.5315	B	Consumer	7.09Y	118.2	0.00	7.77	0.19	0	1	1	71	0.00	0.0	12.778	0.000	1	1	1	1
094201	PL.5314	B	Consumer	7.09Y	118.2	0.00	7.77	0.02	0	0	0	100	0.00	0.0	12.723	0.000	0	0	1	1
PL.14366	PL.14367	B	4ACSR	7.09Y	118.2	0.00	7.77	0.00	0	0	0	100	0.00	0.0	12.747	0.082	0	0	0	0
PL.400	PL.14366	B	4ACSR	7.09Y	118.2	0.00	7.77	0.00	0	0	0	100	0.00	0.0	12.959	0.212	0	0	0	0
094216	PL.19880	B	Consumer	7.09Y	118.2	0.00	7.77	0.27	0	1	1	71	0.00	0.0	12.630	0.000	1	1	1	1
094215	PL.19880	B	Consumer	7.09Y	118.2	0.00	7.77	0.04	0	0	0	100	0.00	0.0	12.630	0.000	0	0	1	1
094214	PL.19879	B	Consumer	7.09Y	118.2	0.00	7.77	0.09	0	0	0	100	0.00	0.0	12.600	0.000	0	0	1	1
094206	PL.14364	B	Consumer	7.09Y	118.2	0.00	7.76	0.14	0	1	1	71	0.00	0.0	12.429	0.000	1	1	1	1
094217	PL.14364	B	Consumer	7.09Y	118.2	0.00	7.76	0.00	0	0	0	100	0.00	0.0	12.429	0.000	0	0	0	0
094213	PL.14364	B	Consumer	7.09Y	118.2	0.00	7.76	0.23	0	1	1	71	0.00	0.0	12.429	0.000	1	1	1	1
093212	PL.16824	B	Consumer	7.10Y	118.3	0.00	7.74	0.00	0	0	0	100	0.00	0.0	11.932	0.000	0	0	0	0
093213	PL.16824	B	Consumer	7.10Y	118.3	0.00	7.74	0.00	0	0	0	100	0.00	0.0	11.932	0.000	0	0	1	1
0932022	PL.16824	B	Consumer	7.10Y	118.3	0.00	7.74	0.02	0	0	0	100	0.00	0.0	11.932	0.000	0	0	1	1
093207	PL.16824	B	Consumer	7.10Y	118.3	0.00	7.74	0.10	0	1	0	100	0.00	0.0	11.932	0.000	1	0	1	1
PL.46516	PL.243	B	4ACSR	7.10Y	118.3	0.00	7.71	6.44	5	40	22	88	0.00	0.0	11.661	0.013	0	0	0	8
C PD.8750	PL.46516	B	fuse6AMP	7.10Y	118.3	0.00	7.71	6.44	110	40	22	88	0.00	0.0	11.661	0.000	0	0	0	8
PL.46517	PD.8750	B	4ACSR	7.09Y	118.2	0.04	7.76	6.44	5	40	22	88	0.01	0.0	11.800	0.139	0	0	0	8
PL.5320	PL.46517	B	4ACSR	7.09Y	118.2	0.00	7.76	0.00	0	0	0	100	0.00	0.0	11.847	0.047	0	0	0	1
093220	PL.5320	B	Consumer	7.09Y	118.2	0.00	7.76	0.00	0	0	0	100	0.00	0.0	11.847	0.000	0	0	1	1
PL.18636	PL.46517	B	4ACSR	7.09Y	118.2	0.07	7.83	6.44	5	40	22	88	0.02	0.1	12.040	0.240	0	0	0	7
PD.2492-A	PL.18636	B	Closed	7.09Y	118.2	0.00	7.83	6.44	0	40	22	88	0.00	0.0	12.040	0.000	0	0	0	7
PD.2492-B	PD.2492-A	B	Closed	7.09Y	118.2	0.00	7.83	6.44	0	40	22	88	0.00	0.0	12.040	0.000	0	0	0	7
PL.18637	PD.2492-B	B	4ACSR	7.09Y	118.1	0.05	7.88	6.44	5	40	22	88	0.02	0.0	12.195	0.155	0	0	0	7
PL.18634	PL.18637	B	4ACSR	7.08Y	118.1	0.04	7.92	6.44	5	40	22	88	0.01	0.0	12.335	0.140	0	0	0	7
PL.18635	PL.18634	B	4ACSR	7.08Y	118.0	0.05	7.97	6.44	5	40	22	88	0.02	0.0	12.518	0.183	0	0	0	7
093204	PL.18635	B	Consumer	7.08Y	118.0	0.00	7.97	0.35	0	2	2	71	0.00	0.0	12.518	0.000	2	2	1	1
PL.17267	PL.18635	B	4ACSR	7.08Y	118.0	0.00	7.97	6.10	5	38	20	88	0.00	0.0	12.524	0.005	0	0	0	6
PD.2495-A	PL.17267	B	Closed	7.08Y	118.0	0.00	7.97	6.10	0	38	20	88	0.00	0.0	12.524	0.000	0	0	0	6
PD.2495-B	PD.2495-A	B	Closed	7.08Y	118.0	0.00	7.97	6.10	0	38	20	88	0.00	0.0	12.524	0.000	0	0	0	6
L PL.17268	PD.2495-B	B	4ACSR	7.08Y	118.0	0.04	8.01	6.10	5	38	20	88	0.01	0.0	12.663	0.139	0	0	0	6

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\EXISTING JUL05 CWP.WM\

Title: 10/22/2007 09:01 Page 106

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	
L PL.14369	PL.17268	B	4ACSR	7.07Y	117.9	0.07	8.09	6.10	5	38	20	88	0.02	0.1	12.923	0.259	0	0	0	6	L
L 093301	PL.14369	B	Consumer	7.07Y	117.9	0.00	8.09	0.07	0	0	0	100	0.00	0.0	12.923	0.000	0	0	1	1	L
L PL.37606	PL.14369	B	4ACSR	7.07Y	117.9	0.01	8.10	6.03	5	38	20	88	0.00	0.0	12.954	0.031	0	0	0	5	L
L PL.37605	PL.37606	B	2ACSR	7.07Y	117.9	0.00	8.10	0.53	0	3	2	83	0.00	0.0	12.998	0.045	0	0	0	1	L
L 0933004	PL.37605	B	Consumer	7.07Y	117.9	0.00	8.10	0.53	0	3	2	83	0.00	0.0	12.998	0.000	3	2	1	1	L
L 0933005	PL.37606	B	Consumer	7.07Y	117.9	0.00	8.10	0.00	0	0	0	100	0.00	0.0	12.954	0.000	0	0	0	0	L
L PL.37607	PL.37606	B	4ACSR	7.07Y	117.9	0.04	8.13	5.52	5	35	17	90	0.01	0.0	13.104	0.150	0	0	0	4	L
L PL.20147	PL.37607	B	4ACSR	7.07Y	117.8	0.04	8.18	5.52	5	35	17	90	0.01	0.0	13.279	0.176	0	0	0	4	L
L PD.2494-A	PL.20147	B	Closed	7.07Y	117.8	0.00	8.18	5.52	0	35	17	90	0.00	0.0	13.279	0.000	0	0	0	4	L
L PD.2494-B	PD.2494-A	B	Closed	7.07Y	117.8	0.00	8.18	5.52	0	35	17	90	0.00	0.0	13.279	0.000	0	0	0	4	L
L PL.16198	PD.2494-B	B	4ACSR	7.06Y	117.6	0.23	8.41	5.52	5	35	17	90	0.06	0.2	14.170	0.891	0	0	0	4	L
L PL.5317	PL.16198	B	4ACSR	7.06Y	117.6	0.00	8.41	0.00	0	0	0	100	0.00	0.0	14.337	0.167	0	0	0	0	L
L PL.8332	PL.5317	B	4ACSR	7.06Y	117.6	0.00	8.41	0.00	0	0	0	100	0.00	0.0	14.508	0.171	0	0	0	0	L
L PL.8333	PL.8332	B	4ACSR	7.06Y	117.6	0.00	8.41	0.00	0	0	0	100	0.00	0.0	14.509	0.001	0	0	0	0	L
L PL.18562	PL.16198	B	4ACSR	7.05Y	117.5	0.06	8.46	5.52	5	35	17	90	0.02	0.0	14.387	0.217	0	0	0	4	L
L PD.2493-A	PL.18562	B	Closed	7.05Y	117.5	0.00	8.46	5.52	0	35	17	90	0.00	0.0	14.387	0.000	0	0	0	4	L
L PD.2493-B	PD.2493-A	B	Closed	7.05Y	117.5	0.00	8.46	5.52	0	35	17	90	0.00	0.0	14.387	0.000	0	0	0	4	L
L PL.18593	PD.2493-B	B	4ACSR	7.05Y	117.5	0.05	8.51	5.52	5	35	17	90	0.01	0.0	14.571	0.184	0	0	0	4	L
L PL.8334	PL.18593	B	4ACSR	7.05Y	117.5	0.04	8.55	5.52	5	35	17	90	0.01	0.0	14.725	0.154	0	0	0	4	L
L PL.16197	PL.8334	B	4ACSR	7.04Y	117.4	0.05	8.60	5.52	5	35	17	90	0.01	0.0	14.926	0.202	0	0	0	4	L
L PD.2496-A	PL.16197	B	Closed	7.04Y	117.4	0.00	8.60	5.52	0	35	17	90	0.00	0.0	14.926	0.000	0	0	0	4	L
L PD.2496-B	PD.2496-A	B	Closed	7.04Y	117.4	0.00	8.60	5.52	0	35	17	90	0.00	0.0	14.926	0.000	0	0	0	4	L
L PL.19463	PD.2496-B	B	4ACSR	7.04Y	117.3	0.14	8.74	5.52	5	35	17	90	0.04	0.1	15.476	0.550	0	0	0	4	L
L PL.28629	PL.19463	B	4ACSR	7.03Y	117.2	0.03	8.77	5.52	5	35	17	90	0.01	0.0	15.597	0.121	0	0	0	3	L
L 093404	PL.28629	B	Consumer	7.03Y	117.2	0.00	8.77	0.03	0	0	0	100	0.00	0.0	15.597	0.000	0	0	1	1	L
L PL.21313	PL.28629	B	4ACSR	7.03Y	117.2	0.01	8.78	5.48	5	35	17	90	0.00	0.0	15.627	0.030	0	0	0	2	L
L PD.3649-A	PL.21313	B	Closed	7.03Y	117.2	0.00	8.78	5.48	0	35	17	90	0.00	0.0	15.627	0.000	0	0	0	2	L
L PD.3649-B	PD.3649-A	B	Closed	7.03Y	117.2	0.00	8.78	5.48	0	35	17	90	0.00	0.0	15.627	0.000	0	0	0	2	L
L PL.21314	PD.3649-B	B	4ACSR	7.03Y	117.2	0.02	8.79	5.48	5	35	17	90	0.00	0.0	15.690	0.063	0	0	0	2	L
L PL.5321	PL.21314	B	4ACSR	7.03Y	117.2	0.01	8.81	5.25	4	33	16	90	0.00	0.0	15.734	0.044	0	0	0	1	L
L 093406	PL.5321	B	Consumer	7.03Y	117.2	0.00	8.81	5.25	0	33	16	90	0.00	0.0	15.734	0.000	33	16	1	1	L
L PL.14370	PL.21314	B	4ACSR	7.03Y	117.2	0.00	8.80	0.24	0	1	1	71	0.00	0.0	16.027	0.337	0	0	0	1	L
L 093403	PL.14370	B	Consumer	7.03Y	117.2	0.00	8.80	0.24	0	1	1	71	0.00	0.0	16.027	0.000	1	1	1	1	L
L 093405	PL.19463	B	Consumer	7.04Y	117.3	0.00	8.74	0.00	0	0	0	100	0.00	0.0	15.476	0.000	0	0	1	1	L
L 093303	PL.37607	B	Consumer	7.07Y	117.9	0.00	8.13	0.00	0	0	0	100	0.00	0.0	13.104	0.000	0	0	0	0	L
PL.5037	PL.14359	B	4ACSR	7.15Y	119.2	0.00	6.80	0.00	0	0	0	100	0.00	0.0	9.385	0.082	0	0	0	0	
PD.1151	PL.5037	B	fuse6AMP	7.15Y	119.2	0.00	6.80	0.00	0	0	0	100	0.00	0.0	9.385	0.000	0	0	0	0	
PL.5036	PD.1151	B	4ACSR	7.15Y	119.2	0.00	6.80	0.00	0	0	0	100	0.00	0.0	9.684	0.299	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: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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: BOWEN

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.5029	PL.16310	B	4ACSR	7.37Y	122.8	0.00	3.17	0.17	0	1	1	71	0.00	0.0	3.090	0.095	0	0	0	1
082601	PL.5029	B	Consumer	7.37Y	122.8	0.00	3.17	0.17	0	1	1	71	0.00	0.0	3.090	0.000	1	1	1	1
PL.24241	PL.16310	B	4ACSR	7.37Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	2.994	0.000	0	0	0	0
PL.16305	PL.26319	B	4ACSR	7.37Y	122.9	0.00	3.11	0.27	0	1	1	71	0.00	0.0	2.763	0.014	0	0	0	1
PD.1771	PL.16305	B	fuse6AMP	7.37Y	122.9	0.00	3.11	0.27	5	1	1	71	0.00	0.0	2.763	0.000	0	0	0	1
PL.16306	PD.1771	B	4ACSR	7.37Y	122.9	0.00	3.11	0.27	0	1	1	71	0.00	0.0	2.838	0.076	0	0	0	1
082539	PL.16306	B	Consumer	7.37Y	122.9	0.00	3.11	0.27	0	1	1	71	0.00	0.0	2.838	0.000	1	1	1	1
082553	PL.16306	B	Consumer	7.37Y	122.9	0.00	3.11	0.00	0	0	0	100	0.00	0.0	2.838	0.000	0	0	0	0
082549	PL.26319	B	Consumer	7.37Y	122.9	0.00	3.11	0.00	0	0	0	100	0.00	0.0	2.748	0.000	0	0	0	0
082506	PL.19172	B	Consumer	7.38Y	123.1	0.00	2.94	0.33	0	2	2	71	0.00	0.0	2.595	0.000	2	2	1	1
082547	PL.19172	B	Consumer	7.38Y	123.1	0.00	2.94	0.05	0	0	0	100	0.00	0.0	2.595	0.000	0	0	1	1
PL.7635	PL.26321	B	4ACSR	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	2.499	0.001	0	0	0	0
082558	PL.26322	B	Consumer	7.39Y	123.2	0.00	2.75	0.05	0	0	0	100	0.00	0.0	2.437	0.000	0	0	1	1
082401	PL.26487	B	Consumer	7.45Y	124.2	0.00	1.83	0.74	0	4	4	71	0.00	0.0	1.767	0.000	4	4	1	1
082410	PL.26487	B	Consumer	7.45Y	124.2	0.00	1.83	0.06	0	0	0	100	0.00	0.0	1.767	0.000	0	0	1	1
PL.14837	PL.26487	B	4ACSR	7.45Y	124.2	0.00	1.83	1.69	1	10	8	78	0.00	0.0	1.780	0.012	0	0	0	4
PD.1775	PL.14837	B	fuse6AMP	7.45Y	124.2	0.00	1.83	1.69	29	10	8	78	0.00	0.0	1.780	0.000	0	0	0	4
PL.14838	PD.1775	B	4ACSR	7.45Y	124.2	0.01	1.84	1.69	1	10	8	78	0.00	0.0	1.881	0.101	0	0	0	4
082521	PL.14838	B	Consumer	7.45Y	124.2	0.00	1.84	0.85	0	5	4	78	0.00	0.0	1.881	0.000	5	4	1	1
PL.8357	PL.14838	B	4ACSR	7.45Y	124.2	0.00	1.84	0.85	1	5	4	78	0.00	0.0	1.971	0.090	0	0	0	3
082556	PL.8357	B	Consumer	7.45Y	124.2	0.00	1.84	0.40	0	2	2	71	0.00	0.0	1.971	0.000	2	2	1	1
PL.8358	PL.8357	B	4ACSR	7.45Y	124.2	0.00	1.84	0.45	0	3	2	83	0.00	0.0	2.014	0.043	0	0	0	2
082551	PL.8358	B	Consumer	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	2.014	0.000	0	0	1	1
082522	PL.8358	B	Consumer	7.45Y	124.2	0.00	1.84	0.45	0	3	2	83	0.00	0.0	2.014	0.000	3	2	1	1
PL.6961	PL.6965	A B C	4ACSR	7.57Y 7.49Y 7.51Y	126.2 124.8 125.1	0.00 0.00 0.01	-0.22 1.17 0.87	8.62 13.45 38.73	7 11 33	54 81 229	36 59 179	83 81 79	0.02 0 0	0.0	1.134	0.006	0 0 0	0 0 0	0 0 0	10 27 65
PL.20401	PL.6961	A B C	397ACSR	7.57Y 7.49Y 7.51Y	126.2 124.8 125.1	-0.00 0.00 0.01	-0.22 1.18 0.89	8.62 13.45 38.58	2 3 8	54 81 228	36 59 179	83 81 79	0.01 0 0	0.0	1.162	0.028	0 0 0	0 0 0	0 0 0	10 27 63
PD.3716	PL.20401	A B C	25V4E	7.57Y 7.49Y 7.51Y	126.2 124.8 125.1	0.00 0.00 0.00	-0.22 1.18 0.89	8.62 13.45 38.58	34 54 55	54 81 228	36 59 179	83 81 79	0.00 0 0	0.0	1.162	0.000	0 0 0	0 0 0	0 0 0	10 27 63
PL.20402	PD.3716	A B C	4ACSR	7.57Y 7.49Y 7.51Y	126.2 124.8 125.1	0.00 0.01 0.02	-0.22 1.18 0.90	8.62 13.45 38.58	7 11 32	54 81 228	36 59 179	83 81 79	0.04 0 0	0.0	1.171	0.009	0 0 0	0 0 0	0 0 0	10 27 63
521913	PL.20402	A	Consumer	7.57Y	126.2	0.00	-0.22	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	-0.22	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	-0.22	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	-0.22	0.00	0	0	0	100	0.00	0.0	1.171	0.000	0	0	0	0
PL.17950	PL.20402	A B C	4ACSR	7.57Y 7.49Y 7.50Y	126.2 124.8 125.0	0.00 0.04 0.12	-0.22 1.22 1.02	8.27 13.45 38.58	7 11 32	52 81 228	34 59 179	84 81 79	0.28 0 0	0.1	1.243	0.071	0 0 0	0 0 0	0 0 0	9 27 63

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

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss			KW	KVAR		
PL.17951	PL.17950	A	4ACSR	7.57Y	126.2	0.00	-0.22	8.27	7	52	34	84	0.33	0.1	1.327	0.084	0	0	0	9
		B		7.48Y	124.7	0.04	1.27	13.24	11	80	58	81					0	0	0	26
		C		7.49Y	124.8	0.14	1.16	38.58	32	228	179	79					0	0	0	63
PL.26783	PL.17951	A	4ACSR	7.57Y	126.2	0.00	-0.22	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	-0.22	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	-0.22	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	-0.22	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	-0.22	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	-0.22	7.94	7	50	33	83	0.44	0.1	1.441	0.114	0	0	0	8
		B		7.48Y	124.7	0.06	1.33	13.24	11	80	58	81					0	0	0	26
		C		7.48Y	124.6	0.19	1.35	38.58	32	227	178	79					0	0	0	63
521701	PL.17949	B	Consumer	7.48Y	124.7	0.00	1.33	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	-0.21	7.94	7	50	33	83	0.26	0.1	1.509	0.068	0	0	0	8
		B		7.48Y	124.6	0.04	1.36	13.00	11	79	57	81					0	0	0	25
		C		7.47Y	124.5	0.11	1.46	38.58	32	227	178	79					0	0	0	63
522609	PL.6959	B	Consumer	7.48Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	1.509	0.000	0	0	0	0
522608	PL.6959	B	Consumer	7.48Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	1.509	0.000	0	0	1	1
522602	PL.6959	B	Consumer	7.48Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	1.509	0.000	0	0	1	1
521603	PL.6959	B	Consumer	7.48Y	124.6	0.00	1.36	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	-0.21	7.45	6	48	30	85	0.26	0.1	1.576	0.068	0	0	0	7
		B		7.48Y	124.6	0.04	1.40	13.00	11	79	57	81					0	0	0	23
		C		7.47Y	124.4	0.11	1.58	38.58	32	227	178	79					0	0	0	63
PL.14083	PL.6960	A	2ACSR	7.57Y	126.2	-0.00	-0.21	7.45	5	48	30	85	0.00	0.0	1.577	0.000	0	0	0	7
		B		7.48Y	124.6	0.00	1.40	13.00	8	78	57	81					0	0	0	23
		C		7.47Y	124.4	0.00	1.58	38.58	25	226	178	79					0	0	0	63
PL.26788	PL.14083	C	4ACSR	7.47Y	124.4	0.00	1.58	1.04	1	6	5	77	0.00	0.0	1.585	0.008	0	0	0	4
PD.2440	PL.26788	C	fuse8AMP	7.47Y	124.4	0.00	1.58	1.04	14	6	5	77	0.00	0.0	1.585	0.000	0	0	0	4
PL.26787	PD.2440	C	4ACSR	7.47Y	124.4	0.00	1.58	1.04	1	6	5	77	0.00	0.0	1.626	0.042	0	0	0	4
5226015	PL.26787	C	Consumer	7.47Y	124.4	0.00	1.58	0.02	0	0	0	100	0.00	0.0	1.626	0.000	0	0	1	1
522613	PL.26787	C	Consumer	7.47Y	124.4	0.00	1.58	0.62	0	4	3	80	0.00	0.0	1.626	0.000	4	3	1	1
522607	PL.26787	C	Consumer	7.47Y	124.4	0.00	1.58	0.00	0	0	0	100	0.00	0.0	1.626	0.000	0	0	0	0
522612	PL.26787	C	Consumer	7.47Y	124.4	0.00	1.58	0.00	0	0	0	100	0.00	0.0	1.626	0.000	0	0	0	0
522606	PL.26787	C	Consumer	7.47Y	124.4	0.00	1.58	0.40	0	2	2	71	0.00	0.0	1.626	0.000	2	2	1	1
522601	PL.26787	C	Consumer	7.47Y	124.4	0.00	1.58	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	-0.21	1.92	2	11	9	77	0.00	0.0	1.587	0.011	0	0	0	5
PD.2441	PL.26789	A	fuse8AMP	7.57Y	126.2	0.00	-0.21	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	-0.21	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	-0.21	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	-0.20	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	-0.20	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	-0.20	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	-0.19	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	-0.19	0.85	0	5	4	78	0.00	0.0	1.953	0.000	5	4	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\EXISTING JUL05 CWP.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-header 'Units Displayed In Volts -Base Voltage:120.0-' and various data rows.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----					
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)	KW	KVAR	Cons On	Cons Thru
PL.14088	PL.14087	B	4ACSR	7.47Y	124.5	0.00	1.49	1.37	1	8	7	75	0.00	0.0	1.967	0.004	0	0	0	4
PL.3501	PL.14088	B	4ACSR	7.47Y	124.5	0.00	1.50	0.72	1	4	3	80	0.00	0.0	2.062	0.095	0	0	0	1
PL.40777	PL.3501	B	2ACSR	7.47Y	124.5	0.00	1.50	0.72	0	4	3	80	0.00	0.0	2.134	0.072	0	0	0	1
5257002	PL.40777	B	Consumer	7.47Y	124.5	0.00	1.50	0.72	0	4	3	80	0.00	0.0	2.134	0.000	4	3	1	1
PL.14089	PL.14088	B	4ACSR	7.47Y	124.5	0.00	1.50	0.66	1	4	3	80	0.00	0.0	2.096	0.129	0	0	0	3
PL.3503	PL.14089	B	4ACSR	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	2.141	0.045	0	0	0	1
527701	PL.3503	B	Consumer	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	2.141	0.000	0	0	1	1
527601	PL.14089	B	Consumer	7.47Y	124.5	0.00	1.50	0.06	0	0	0	100	0.00	0.0	2.096	0.000	0	0	1	1
526701	PL.14089	B	Consumer	7.47Y	124.5	0.00	1.50	0.60	0	3	3	71	0.00	0.0	2.096	0.000	3	3	1	1
PL.5208	PL.14085	B	4ACSR	7.47Y	124.5	0.01	1.48	1.41	1	9	5	87	0.00	0.0	1.944	0.109	0	0	0	2
083435	PL.5208	B	Consumer	7.47Y	124.5	0.00	1.48	0.49	0	3	2	83	0.00	0.0	1.944	0.000	3	2	1	1
083430	PL.5208	B	Consumer	7.47Y	124.5	0.00	1.48	0.93	0	6	3	89	0.00	0.0	1.944	0.000	6	3	1	1
083432	PL.14224	B	Consumer	7.47Y	124.5	0.00	1.46	0.29	0	2	1	89	0.00	0.0	1.754	0.000	2	1	1	1
PL.3493	PL.14223	B	4ACSR	7.47Y	124.5	0.00	1.45	0.30	0	2	1	89	0.00	0.0	1.811	0.077	0	0	0	1
524601	PL.3493	B	Consumer	7.47Y	124.5	0.00	1.45	0.30	0	2	1	89	0.00	0.0	1.811	0.000	2	1	1	1
523603	PL.6957	B	Consumer	7.47Y	124.6	0.00	1.42	0.40	0	2	2	71	0.00	0.0	1.635	0.000	2	2	1	1
PL.6958	PL.6957	B	4ACSR	7.47Y	124.6	0.00	1.42	0.00	0	0	0	100	0.00	0.0	1.645	0.009	0	0	0	0
PL.14084	PL.14083	A B C	4ACSR	7.57Y 7.48Y 7.46Y	126.2 124.6 124.4	-0.00 0.00 0.03	-0.22 1.40 1.61	5.55 4.23 37.54	5 4 32	36 27 220	21 16 173	86 86 79	0.06 0.00 0.00	0.0	1.595	0.018	0 0 0	0 0 0	0 0 59	2 1 59
PL.14090	PL.14084	A B C	4ACSR	7.58Y 7.47Y 7.39Y	126.3 124.5 123.2	-0.06 0.10 1.17	-0.28 1.50 2.78	5.55 4.23 37.54	5 4 32	36 27 220	21 16 173	86 86 79	2.33 0.00 0.00	0.8	2.282	0.687	0 0 0	0 0 0	0 0 59	2 1 59
PL.14091	PL.14090	A B C	4ACSR	7.58Y 7.47Y 7.38Y	126.3 124.5 123.1	-0.01 0.01 0.17	-0.29 1.51 2.94	5.35 4.03 37.54	4 3 32	35 26 218	20 16 172	87 85 79	0.33 0.00 0.00	0.1	2.379	0.097	0 0 0	0 0 0	0 0 59	1 0 59
PL.26398	PL.14091	C	4ACSR	7.38Y	123.0	0.07	3.01	33.47	28	192	156	78	0.11	0.1	2.422	0.043	0	0	0	58
PD.747-A	PL.26398	C	Closed	7.38Y	123.0	0.00	3.01	33.47	0	192	156	78	0.00	0.0	2.422	0.000	0	0	0	58
PD.747-B	PD.747-A	C	Closed	7.38Y	123.0	0.00	3.01	33.47	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	122.7	0.29	3.30	33.47	28	192	156	78	0.51	0.3	2.612	0.191	0	0	0	58
PL.14092	PL.26399	C	4ACSR	7.36Y	122.6	0.06	3.36	32.80	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	3.46	19.60	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	3.46	19.22	16	109	90	77	0.00	0.0	2.761	0.005	0	0	0	28
PD.3455	PL.20226	C	25V4E	7.35Y	122.5	0.00	3.46	19.22	77	109	90	77	0.00	0.0	2.761	0.000	0	0	0	28
PL.20227	PD.3455	C	4ACSR	7.35Y	122.5	0.05	3.52	19.22	16	109	90	77	0.05	0.0	2.822	0.061	0	0	0	28
PL.8443	PL.20227	C	4ACSR	7.35Y	122.5	0.02	3.54	18.94	16	107	89	77	0.02	0.0	2.849	0.027	0	0	0	27
PL.8425	PL.8443	C	4ACSR	7.34Y	122.4	0.09	3.63	18.94	16	107	89	77	0.08	0.1	2.948	0.099	0	0	0	27
083336	PL.8425	C	Consumer	7.34Y	122.4	0.00	3.63	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	3.65	16.96	14	96	79	77	0.02	0.0	2.981	0.033	0	0	0	26
PL.18772	PL.13054	C	4ACSR	7.34Y	122.3	0.02	3.67	12.85	11	73	60	77	0.01	0.0	3.015	0.034	0	0	0	20
PD.581-A	PL.18772	C	Closed	7.34Y	122.3	0.00	3.67	12.85	0	73	60	77	0.00	0.0	3.015	0.000	0	0	0	20

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.581-B, PL.18773, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Table with 19 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, Thru KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Header includes a note '-Base Voltage:120.0-' under Units Displayed In Volts.

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\EXISTING JUL05 CWP.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 and conductors with their electrical 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: BOWEN

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-												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.30338	PD.3822	A	4ACSR	7.58Y	126.3	0.00	-0.28	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	-0.28	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	-0.28	1.39	0	9	5	87	0.00	0.0	2.506	0.000	9	5	1	1			
083446	PL.14090	A B	Consumer	7.58Y 7.47Y	126.3 124.5	0.00 0.00	-0.28 1.50	0.20 0.20	0 0	1 1	1 1	71 90	0.00 0.00	0.0 0.0	2.282	0.000	1 1	1 1	1 1	1 1			
PL.26785	PL.6959	A	4ACSR	7.57Y	126.2	0.00	-0.21	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	-0.21	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	-0.21	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	-0.21	0.50	0	3	2	83	0.00	0.0	1.553	0.000	3	2	1	1			
521803	PL.17950	B	Consumer	7.49Y	124.8	0.00	1.22	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	-0.22	0.00	0	0	0	100	0.00	0.0	1.134	0.000	0	0	0	0			
521904	PL.6961	C	Consumer	7.51Y	125.1	0.00	0.87	0.14	0	1	0	100	0.00	0.0	1.134	0.000	1	0	1	1			
521909	PL.6961	C	Consumer	7.51Y	125.1	0.00	0.87	0.02	0	0	0	100	0.00	0.0	1.134	0.000	0	0	1	1			
521912	PL.6964	C	Consumer	7.51Y	125.2	0.00	0.83	0.08	0	1	0	100	0.00	0.0	1.087	0.000	1	0	1	1			
521911	PL.6964	B	Consumer	7.49Y	124.9	0.00	1.13	0.01	0	0	0	100	0.00	0.0	1.087	0.000	0	0	1	1			
521906	PL.6964	B	Consumer	7.49Y	124.9	0.00	1.13	0.00	0	0	0	100	0.00	0.0	1.087	0.000	0	0	0	0			
521907	PL.6964	C	Consumer	7.51Y	125.2	0.00	0.83	1.74	0	12	6	89	0.00	0.0	1.087	0.000	12	6	1	1			
5219014	PL.6964	B	Consumer	7.49Y	124.9	0.00	1.13	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	125.2	0.00	0.79	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	125.2	0.00	0.79	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	125.2	0.00	0.79	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	125.2	0.00	0.79	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	125.2	0.00	0.79	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	125.2	0.00	0.79	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	125.2	0.00	0.79	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	125.2	0.00	0.79	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	125.2	0.00	0.79	0.01	0	0	0	100	0.00	0.0	1.097	0.000	0	0	1	1			
523002	PL.7223	B	Consumer	7.50Y	124.9	0.00	1.07	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	125.2	0.00	0.79	0.59	0	3	3	71	0.00	0.0	1.023	0.000	3	3	1	1			
524002	PL.6954	B	Consumer	7.50Y	125.0	0.00	1.02	0.27	0	2	1	89	0.00	0.0	0.974	0.000	2	1	1	1			
524001	PL.6954	B	Consumer	7.50Y	125.0	0.00	1.02	0.04	0	0	0	100	0.00	0.0	0.974	0.000	0	0	1	1			
523901	PL.6954	B	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	0.974	0.000	0	0	0	0			
523001	PL.6954	C	Consumer	7.52Y	125.3	0.00	0.75	0.78	0	4	4	71	0.00	0.0	0.974	0.000	4	4	1	1			
PL.26776	PL.19155	B	4ACSR	7.50Y	125.1	0.00	0.93	1.23	1	7	6	76	0.00	0.0	0.897	0.015	0	0	0	2			
PD.2437	PL.26776	B	fuse6AMP	7.50Y	125.1	0.00	0.93	1.23	21	7	6	76	0.00	0.0	0.897	0.000	0	0	0	2			
PL.26777	PD.2437	B	4ACSR	7.50Y	125.1	0.00	0.93	1.23	1	7	6	76	0.00	0.0	0.964	0.067	0	0	0	2			
524003	PL.26777	B	Consumer	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	0.964	0.000	0	0	1	1			
523905	PL.26777	B	Consumer	7.50Y	125.1	0.00	0.93	1.23	0	7	6	76	0.00	0.0	0.964	0.000	7	6	1	1			
524005	PL.19155	A	Consumer	7.57Y	126.2	0.00	-0.17	0.54	0	3	3	71	0.00	0.0	0.882	0.000	3	3	1	1			

Unbalanced Voltage Drop Report
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Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PD.742-B, PL.19382, P CP.38, PL.19383, PL.8442, PL.29066, PL.20189, P CP.42, PL.20190, PL.8455, 084526, 084545, PL.28290, PL.28291, 084516, PL.19876, 084554, PL.19844, PD.743, PL.19845, PL.24561.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.24562, PL.36764, PL.36765, 084411, PL.4736, PL.24560, 084539, PL.14384, PL.17265, PD.2039, PL.17266, PL.24558, 084560, PL.14385, 084543, PL.18530, C PD.2041, PL.18736, PL.8437, PL.26736.

Unbalanced Voltage Drop Report
 Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	kW Loss		% Loss	Length (mi)			KW	KVAR	
PD.2042	PL.26736	A	fuse6AMP	7.51Y	125.2	0.00	0.78	0.49	8	3	2	83	0.00	0.0	0.701	0.000	0	0	0	2
PL.26737	PD.2042	A	4ACSR	7.51Y	125.2	0.00	0.78	0.49	0	3	2	83	0.00	0.0	0.767	0.066	0	0	0	2
084527	PL.26737	A	Consumer	7.51Y	125.2	0.00	0.78	0.33	0	2	2	71	0.00	0.0	0.767	0.000	2	2	1	1
0845064	PL.26737	A	Consumer	7.51Y	125.2	0.00	0.78	0.17	0	1	1	71	0.00	0.0	0.767	0.000	1	1	1	1
PL.20725	PL.8437	A	4ACSR	7.51Y	125.2	0.01	0.79	26.86	23	157	127	78	0.02	0.0	0.695	0.011	0	0	0	71
PD.3655	PL.20725	A	0VXE	7.51Y	125.2	0.00	0.79	26.86	0	157	127	78	0.00	0.0	0.695	0.000	0	0	0	71
PL.20726	PD.3655	A	4ACSR	7.51Y	125.1	0.09	0.89	26.86	23	157	127	78	0.13	0.1	0.771	0.076	0	0	0	71
PL.39606	PL.20726	A	4ACSR	7.49Y	124.8	0.33	1.21	26.00	22	151	124	77	0.44	0.3	1.043	0.272	0	0	0	70
0845063	PL.39606	A	Consumer	7.49Y	124.8	0.00	1.21	0.64	0	4	3	80	0.00	0.0	1.043	0.000	4	3	1	1
PL.39607	PL.39606	A	4ACSR	7.47Y	124.5	0.27	1.48	25.37	21	147	121	77	0.35	0.2	1.272	0.229	0	0	0	69
PL.20142	PL.39607	A	4ACSR	7.47Y	124.5	0.06	1.54	24.70	21	143	117	77	0.08	0.1	1.324	0.052	0	0	0	67
PL.20143	PL.20142	A	4ACSR	7.46Y	124.3	0.12	1.66	24.29	20	140	115	77	0.15	0.1	1.428	0.104	0	0	0	66
084559	PL.20143	A	Consumer	7.46Y	124.3	0.00	1.66	0.47	0	3	2	83	0.00	0.0	1.428	0.000	3	2	1	1
PL.8454	PL.20143	A	4ACSR	7.46Y	124.3	0.05	1.70	23.82	20	137	113	77	0.06	0.0	1.472	0.044	0	0	0	65
PL.37974	PL.8454	A	4ACSR	7.46Y	124.3	0.01	1.71	23.82	20	137	113	77	0.01	0.0	1.479	0.007	0	0	0	65
PL.37975	PL.37974	A	4ACSR	7.45Y	124.2	0.06	1.77	23.77	20	137	113	77	0.07	0.1	1.532	0.052	0	0	0	64
PL.242	PL.37975	A	4ACSR	7.44Y	123.9	0.30	2.07	23.77	20	137	113	77	0.37	0.3	1.805	0.273	0	0	0	64
085512	PL.242	A	Consumer	7.44Y	123.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	1.805	0.000	0	0	0	0
085503	PL.242	A	Consumer	7.44Y	123.9	0.00	2.07	0.19	0	1	1	71	0.00	0.0	1.805	0.000	1	1	1	1
PL.8472	PL.242	A	4ACSR	7.43Y	123.8	0.16	2.23	23.58	20	135	111	77	0.20	0.1	1.955	0.150	0	0	0	63
PL.19413	PL.8472	A	4ACSR	7.42Y	123.7	0.02	2.25	23.29	20	134	110	77	0.02	0.0	1.974	0.019	0	0	0	62
PL.19414	PL.19413	A	4ACSR	7.42Y	123.7	0.09	2.34	23.29	20	134	110	77	0.11	0.1	2.058	0.084	0	0	0	62
PL.26701	PL.19414	A	4ACSR	7.41Y	123.6	0.08	2.42	23.29	20	133	110	77	0.09	0.1	2.130	0.072	0	0	0	62
PD.760-A	PL.26701	A	Closed	7.41Y	123.6	0.00	2.42	23.29	0	133	110	77	0.00	0.0	2.130	0.000	0	0	0	62
PD.760-B	PD.760-A	A	Closed	7.41Y	123.6	0.00	2.42	23.29	0	133	110	77	0.00	0.0	2.130	0.000	0	0	0	62
PL.43352	PD.760-B	A	4ACSR	7.38Y	123.0	0.61	3.03	23.29	20	133	110	77	0.74	0.6	2.701	0.572	0	0	0	62
0865036	PL.43352	A	Consumer	7.38Y	123.0	0.00	3.03	0.46	0	3	2	83	0.00	0.0	2.701	0.000	3	2	1	1
PL.43353	PL.43352	A	4ACSR	7.37Y	122.9	0.05	3.09	22.83	19	130	107	77	0.06	0.0	2.753	0.052	0	0	0	61
C PD.2278	PL.43353	A	fuse6AMP	7.37Y	122.9	0.00	3.09	22.83	390	130	107	77	0.00	0.0	2.753	0.000	0	0	0	61 C
PL.19850	PD.2278	A	4ACSR	7.37Y	122.9	0.01	3.09	0.25	0	1	1	71	0.00	0.0	3.231	0.477	0	0	0	2
PL.19851	PL.19850	A	4ACSR	7.37Y	122.9	0.00	3.09	0.02	0	0	0	100	0.00	0.0	3.281	0.050	0	0	0	1
PL.25300	PL.19851	A	4ACSR	7.37Y	122.9	0.00	3.09	0.02	0	0	0	100	0.00	0.0	3.645	0.364	0	0	0	1
086516	PL.25300	A	Consumer	7.37Y	122.9	0.00	3.09	0.02	0	0	0	100	0.00	0.0	3.645	0.000	0	0	1	1
086515	PL.19850	A	Consumer	7.37Y	122.9	0.00	3.09	0.22	0	1	1	71	0.00	0.0	3.231	0.000	1	1	1	1
PL.25038	PD.2278	A	4ACSR	7.37Y	122.8	0.10	3.19	22.58	19	129	106	77	0.12	0.1	2.852	0.098	0	0	0	59
PL.24571	PL.25038	A	4ACSR	7.37Y	122.8	0.00	3.19	0.27	0	2	1	89	0.00	0.0	2.909	0.057	0	0	0	1
0864021	PL.24571	A	Consumer	7.37Y	122.8	0.00	3.19	0.27	0	2	1	89	0.00	0.0	2.909	0.000	2	1	1	1
PL.8470	PL.25038	A	4ACSR	7.36Y	122.6	0.20	3.39	22.31	19	127	105	77	0.23	0.2	3.048	0.197	0	0	0	58

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.8471	PL.8470	A	4ACSR	7.35Y	122.6	0.04	3.43	22.31	19	127	104	77	0.05	0.0	3.091	0.042	0	0	0	58
PL.42309	PL.8471	A	4ACSR	7.35Y	122.6	0.00	3.44	1.11	1	6	5	77	0.00	0.0	3.132	0.041	0	0	0	7
PL.42308	PL.42309	A	2ACSR	7.35Y	122.6	0.00	3.44	0.01	0	0	0	100	0.00	0.0	3.203	0.071	0	0	0	1
0854018	PL.42308	A	Consumer	7.35Y	122.6	0.00	3.44	0.01	0	0	0	100	0.00	0.0	3.203	0.000	0	0	1	1
PL.42310	PL.42309	A	4ACSR	7.35Y	122.5	0.02	3.46	1.10	1	6	5	77	0.00	0.0	3.530	0.398	0	0	0	6
PL.14067	PL.42310	A	4ACSR	7.35Y	122.5	0.00	3.46	0.27	0	2	1	89	0.00	0.0	3.692	0.161	0	0	0	2
085402	PL.14067	A	Consumer	7.35Y	122.5	0.00	3.46	0.10	0	1	0	100	0.00	0.0	3.692	0.000	1	0	1	1
085407	PL.14067	A	Consumer	7.35Y	122.5	0.00	3.46	0.16	0	1	1	71	0.00	0.0	3.692	0.000	1	1	1	1
PL.8474	PL.42310	A	4ACSR	7.35Y	122.5	0.00	3.46	0.83	1	5	4	78	0.00	0.0	3.618	0.088	0	0	0	4
085408	PL.8474	A	Consumer	7.35Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	3.618	0.000	0	0	1	1
PL.8475	PL.8474	A	4ACSR	7.35Y	122.5	0.00	3.46	0.83	1	5	4	78	0.00	0.0	3.679	0.061	0	0	0	3
PL.5275	PL.8475	A	4ACSR	7.35Y	122.5	0.00	3.46	0.18	0	1	1	71	0.00	0.0	3.731	0.052	0	0	0	1
PL.5276	PL.5275	A	4ACSR	7.35Y	122.5	0.00	3.46	0.18	0	1	1	71	0.00	0.0	3.789	0.058	0	0	0	1
085513	PL.5276	A	Consumer	7.35Y	122.5	0.00	3.46	0.18	0	1	1	71	0.00	0.0	3.789	0.000	1	1	1	1
085406	PL.8475	A	Consumer	7.35Y	122.5	0.00	3.46	0.08	0	0	0	100	0.00	0.0	3.679	0.000	0	0	1	1
085404	PL.8475	A	Consumer	7.35Y	122.5	0.00	3.46	0.57	0	3	3	71	0.00	0.0	3.679	0.000	3	3	1	1
PL.15608	PL.8471	A	4ACSR	7.34Y	122.4	0.18	3.62	21.04	18	119	98	77	0.20	0.2	3.278	0.187	0	0	0	49
PD.2482-A	PL.15608	A	Closed	7.34Y	122.4	0.00	3.62	21.04	0	119	98	77	0.00	0.0	3.278	0.000	0	0	0	49
PD.2482-B	PD.2482-A	A	Closed	7.34Y	122.4	0.00	3.62	21.04	0	119	98	77	0.00	0.0	3.278	0.000	0	0	0	49
PL.32767	PD.2482-B	A	4ACSR	7.32Y	122.0	0.36	3.98	21.04	18	119	98	77	0.40	0.3	3.653	0.375	0	0	0	49
PL.32770	PL.32767	A	4ACSR	7.32Y	122.0	0.02	4.00	0.78	1	5	3	86	0.00	0.0	4.144	0.491	0	0	0	7
PL.32769	PL.32770	A	4ACSR	7.32Y	122.0	0.00	4.00	0.23	0	1	1	71	0.00	0.0	4.234	0.091	0	0	0	1
0854010	PL.32769	A	Consumer	7.32Y	122.0	0.00	4.00	0.23	0	1	1	71	0.00	0.0	4.234	0.000	1	1	1	1
PL.32773	PL.32770	A	4ACSR	7.32Y	122.0	0.01	4.01	0.55	0	3	2	83	0.00	0.0	4.629	0.486	0	0	0	6
PL.32776	PL.32773	A	4ACSR	7.32Y	122.0	0.01	4.02	0.36	0	2	1	89	0.00	0.0	5.107	0.478	0	0	0	5
PL.32779	PL.32776	A	4ACSR	7.32Y	122.0	0.00	4.02	0.36	0	2	1	89	0.00	0.0	5.386	0.279	0	0	0	5
PL.32780	PL.32779	A	4ACSR	7.32Y	122.0	0.00	4.02	0.25	0	2	1	89	0.00	0.0	5.449	0.062	0	0	0	4
0854013	PL.32780	A	Consumer	7.32Y	122.0	0.00	4.02	0.08	0	1	0	100	0.00	0.0	5.449	0.000	1	0	1	1
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

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.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
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

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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: BOWEN

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
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
PL.35572	PL.13067	A	4ACSR	7.24Y	120.6	0.00	5.37	0.50	0	3	2	83	0.00	0.0	5.214	0.004	0	0	0	1
PD.5225	PL.35572	A	fuse6AMP	7.24Y	120.6	0.00	5.37	0.50	9	3	2	83	0.00	0.0	5.214	0.000	0	0	0	1
PL.35573	PD.5225	A	4ACSR	7.24Y	120.6	0.00	5.37	0.50	0	3	2	83	0.00	0.0	5.242	0.029	0	0	0	1
086335	PL.35573	A	Consumer	7.24Y	120.6	0.00	5.37	0.50	0	3	2	83	0.00	0.0	5.242	0.000	3	2	1	1
PL.13064	PL.13066	A	4ACSR	7.24Y	120.7	0.00	5.31	1.10	1	6	5	77	0.00	0.0	5.200	0.077	0	0	0	2
PL.13065	PL.13064	A	4ACSR	7.24Y	120.7	0.01	5.31	0.71	1	4	3	80	0.00	0.0	5.365	0.165	0	0	0	1
086306	PL.13065	A	Consumer	7.24Y	120.7	0.00	5.31	0.71	0	4	3	80	0.00	0.0	5.365	0.000	4	3	1	1
PL.5274	PL.13064	A	4ACSR	7.24Y	120.7	0.00	5.31	0.38	0	2	2	71	0.00	0.0	5.271	0.071	0	0	0	1
086331	PL.5274	A	Consumer	7.24Y	120.7	0.00	5.31	0.38	0	2	2	71	0.00	0.0	5.271	0.000	2	2	1	1
086330	PL.25032	A	Consumer	7.25Y	120.8	0.00	5.25	0.94	0	5	4	78	0.00	0.0	5.053	0.000	5	4	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

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
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Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
PL.24564	PL.25032	A	4ACSR	7.25Y	120.8	0.00	5.25	0.22	0	1	1	71	0.00	0.0	5.087	0.034	0	0	0	1
086312	PL.24564	A	Consumer	7.25Y	120.8	0.00	5.25	0.22	0	1	1	71	0.00	0.0	5.087	0.000	1	1	1	1
PL.24572	PL.8471	A	4ACSR	7.35Y	122.6	0.00	3.44	0.17	0	1	1	71	0.00	0.0	3.277	0.187	0	0	0	2
085506	PL.24572	A	Consumer	7.35Y	122.6	0.00	3.44	0.15	0	1	1	71	0.00	0.0	3.277	0.000	1	1	1	1
PL.42307	PL.24572	A	2ACSR	7.35Y	122.6	0.00	3.44	0.02	0	0	0	100	0.00	0.0	3.320	0.043	0	0	0	1
0854017	PL.42307	A	Consumer	7.35Y	122.6	0.00	3.44	0.02	0	0	0	100	0.00	0.0	3.320	0.000	0	0	1	1
085403	PL.8470	A	Consumer	7.36Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	3.048	0.000	0	0	0	0
085504	PL.19414	A	Consumer	7.42Y	123.7	0.00	2.34	0.00	0	0	0	100	0.00	0.0	2.058	0.000	0	0	0	0
085510	PL.8472	A	Consumer	7.43Y	123.8	0.00	2.23	0.29	0	2	1	89	0.00	0.0	1.955	0.000	2	1	1	1
PL.37973	PL.37974	A	2ACSR	7.46Y	124.3	0.00	1.71	0.05	0	0	0	100	0.00	0.0	1.495	0.016	0	0	0	1
084525	PL.37973	A	Consumer	7.46Y	124.3	0.00	1.71	0.05	0	0	0	100	0.00	0.0	1.495	0.000	0	0	1	1
084542	PL.20142	A	Consumer	7.47Y	124.5	0.00	1.54	0.41	0	2	2	71	0.00	0.0	1.324	0.000	2	2	1	1
084537	PL.39607	A	Consumer	7.47Y	124.5	0.00	1.48	0.35	0	2	2	71	0.00	0.0	1.272	0.000	2	2	1	1
084558	PL.39607	A	Consumer	7.47Y	124.5	0.00	1.48	0.31	0	2	1	89	0.00	0.0	1.272	0.000	2	1	1	1
084561	PL.20726	A	Consumer	7.51Y	125.1	0.00	0.89	0.88	0	6	3	89	0.00	0.0	0.771	0.000	6	3	1	1
084549	PL.8437	A	Consumer	7.51Y	125.2	0.00	0.78	0.52	0	3	2	83	0.00	0.0	0.684	0.000	3	2	1	1
PL.26734	PL.18736	A	1/0ACSR	7.52Y	125.3	0.01	0.66	34.07	17	256	10	100	0.04	0.0	0.603	0.014	0	0	0	0
		B		7.55Y	125.9	0.01	0.14	33.93	17	256	10	100					0	0	0	0
		C		7.54Y	125.7	0.01	0.27	33.97	17	256	10	100					0	0	0	0
PD.746-A	PL.26734	A	Closed	7.52Y	125.3	0.00	0.66	34.07	0	256	10	100	0.00	0.0	0.603	0.000	0	0	0	0
		B		7.55Y	125.9	0.00	0.14	33.93	0	256	10	100					0	0	0	0
		C		7.54Y	125.7	0.00	0.27	33.97	0	256	10	100					0	0	0	0
PD.746-B	PD.746-A	A	Closed	7.52Y	125.3	0.00	0.66	34.07	0	256	10	100	0.00	0.0	0.603	0.000	0	0	0	0
		B		7.55Y	125.9	0.00	0.14	33.93	0	256	10	100					0	0	0	0
		C		7.54Y	125.7	0.00	0.27	33.97	0	256	10	100					0	0	0	0
PL.26735	PD.746-B	A	1/0ACSR	7.52Y	125.3	0.02	0.68	34.07	17	256	10	100	0.10	0.0	0.638	0.035	0	0	0	0
		B		7.55Y	125.8	0.02	0.16	33.93	17	256	10	100					0	0	0	0
		C		7.54Y	125.7	0.02	0.29	33.97	17	256	10	100					0	0	0	0
PL.24557	PL.26735	A	1/0ACSR	7.52Y	125.3	0.01	0.70	34.07	17	256	10	100	0.08	0.0	0.664	0.026	0	0	0	0
		B		7.55Y	125.8	0.01	0.17	33.93	17	256	10	100					0	0	0	0
		C		7.54Y	125.7	0.01	0.30	33.97	17	256	10	100					0	0	0	0
084514	PL.24557	A	Consumer	7.52Y	125.3	0.00	0.70	34.07	0	256	10	100	0.00	0.0	0.664	0.000	256	10	0	0
		B		7.55Y	125.8	0.00	0.17	33.93	0	256	10	100					256	10	0	0
		C		7.54Y	125.7	0.00	0.30	33.97	0	256	10	100					256	10	0	0
084528	PL.28290	A	Consumer	7.54Y	125.6	0.00	0.37	16.66	0	125	9	100	0.00	0.0	0.384	0.000	125	9	0	0
		B		7.56Y	125.9	0.00	0.06	16.62	0	125	9	100					125	9	0	0
		C		7.55Y	125.9	0.00	0.14	16.63	0	125	9	100					125	9	0	0
083533	PL.29066	C	Consumer	7.56Y	126.0	0.00	0.02	0.67	0	4	3	80	0.00	0.0	0.238	0.000	4	3	1	1
PL.8449	PL.29066	A	397ACSR	7.55Y	125.9	0.00	0.13	2.47	1	16	10	85	0.00	0.0	0.257	0.019	0	0	0	2
		B		7.56Y	126.0	-0.00	-0.03	0.00	0	0	0	100					0	0	0	0
		C		7.56Y	126.0	0.00	0.02	0.00	0	0	0	100					0	0	0	0
PL.8448	PL.8449	A	397ACSR	7.55Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	0.274	0.017	0	0	0	0
		B		7.56Y	126.0	0.00	-0.03	0.00	0	0	0	100					0	0	0	0
		C		7.56Y	126.0	0.00	0.02	0.00	0	0	0	100					0	0	0	0
PL.14382	PL.8448	A	397ACSR	7.55Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	0.292	0.018	0	0	0	0
		B		7.56Y	126.0	0.00	-0.03	0.00	0	0	0	100					0	0	0	0
		C		7.56Y	126.0	0.00	0.02	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: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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 (BOWEN1) beginning with Device PD.3930.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.27965, PL.27966, PL.8440, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-											KW	KVAR	Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW	Length (mi)							
C PL.8304	PL.26598	A	1/0ACSR	7.50Y	125.0	0.07	0.97	52.74	26	369	144	93	1.26	0.1	1.785	0.081	0	0	0	44	
		B		7.40Y	123.3	0.20	2.66	105.86	53	678	396	86					0	0	0	170	
		C		7.52Y	125.4	0.06	0.64	59.01	29	400	193	90					0	0	0	82	
083618	PL.8304	B	Consumer	7.40Y	123.3	0.00	2.66	0.32	0	2	2	71	0.00	0.0	1.785	0.000	2	2	1	1	
083620	PL.8304	B	Consumer	7.40Y	123.3	0.00	2.66	0.12	0	1	1	71	0.00	0.0	1.785	0.000	1	1	1	1	
083632	PL.8304	B	Consumer	7.40Y	123.3	0.00	2.66	0.56	0	3	3	71	0.00	0.0	1.785	0.000	3	3	1	1	
C PL.19222	PL.8304	A	1/0ACSR	7.50Y	125.0	0.04	1.01	52.74	26	369	144	93	0.60	0.0	1.824	0.039	0	0	0	44	
		B		7.39Y	123.2	0.10	2.75	104.88	52	671	390	86					0	0	0	167	
		C		7.52Y	125.3	0.03	0.67	59.01	29	400	193	90					0	0	0	82	
C PL.19223	PL.19222	A	1/0ACSR	7.50Y	125.0	0.02	1.03	52.74	26	369	143	93	0.40	0.0	1.850	0.026	0	0	0	44	
		B		7.39Y	123.2	0.06	2.82	104.44	52	668	388	86					0	0	0	166	
		C		7.52Y	125.3	0.02	0.69	59.01	29	400	192	90					0	0	0	82	
PL.16364	PL.19223	C	4ACSR	7.52Y	125.3	0.00	0.69	1.15	1	7	6	76	0.00	0.0	1.856	0.006	0	0	0	3	
PD.1157	PL.16364	C	fuse6AMP	7.52Y	125.3	0.00	0.69	1.15	20	7	6	76	0.00	0.0	1.856	0.000	0	0	0	3	
PL.16365	PD.1157	C	4ACSR	7.52Y	125.3	0.01	0.70	1.15	1	7	6	76	0.00	0.0	2.006	0.150	0	0	0	3	
083627	PL.16365	C	Consumer	7.52Y	125.3	0.00	0.70	0.46	0	3	2	83	0.00	0.0	2.006	0.000	3	2	1	1	
083625	PL.16365	C	Consumer	7.52Y	125.3	0.00	0.70	0.29	0	2	1	89	0.00	0.0	2.006	0.000	2	1	1	1	
083605	PL.16365	C	Consumer	7.52Y	125.3	0.00	0.70	0.41	0	2	2	71	0.00	0.0	2.006	0.000	2	2	1	1	
C PL.26596	PL.19223	A	1/0ACSR	7.47Y	124.6	0.41	1.44	52.74	26	368	143	93	6.77	0.5	2.297	0.447	0	0	0	44	
		B		7.33Y	122.1	1.10	3.92	104.44	52	667	388	86					0	0	0	166	
		C		7.50Y	125.0	0.33	1.02	57.89	29	393	187	90					0	0	0	78	
PL.20901	PL.26596	A	4ACSR	7.47Y	124.6	0.00	1.44	1.03	1	6	5	77	0.00	0.0	2.304	0.007	0	0	0	3	
PD.1159	PL.20901	A	fuse6AMP	7.47Y	124.6	0.00	1.44	1.03	18	6	5	77	0.00	0.0	2.304	0.000	0	0	0	3	
PL.20902	PD.1159	A	4ACSR	7.47Y	124.6	0.00	1.44	1.03	1	6	5	77	0.00	0.0	2.324	0.020	0	0	0	3	
084625	PL.20902	A	Consumer	7.47Y	124.6	0.00	1.44	0.61	0	4	3	80	0.00	0.0	2.324	0.000	4	3	1	1	
084624	PL.20902	A	Consumer	7.47Y	124.6	0.00	1.44	0.40	0	2	2	71	0.00	0.0	2.324	0.000	2	2	1	1	
084609	PL.20902	A	Consumer	7.47Y	124.6	0.00	1.44	0.02	0	0	0	100	0.00	0.0	2.324	0.000	0	0	1	1	
PL.16362	PL.26596	C	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	2.303	0.006	0	0	0	0	
PD.1158	PL.16362	C	fuse6AMP	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	2.303	0.000	0	0	0	0	
PL.16363	PD.1158	C	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	2.408	0.105	0	0	0	0	
0846025	PL.16363	C	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	2.408	0.000	0	0	0	0	
C PL.8308	PL.26596	A	1/0ACSR	7.47Y	124.5	0.04	1.48	51.76	26	361	138	93	0.74	0.1	2.346	0.049	0	0	0	41	
		B		7.32Y	122.0	0.12	4.04	104.44	52	663	383	87					0	0	0	166	
		C		7.50Y	124.9	0.04	1.05	57.89	29	393	185	90					0	0	0	78	
PL.398	PL.8308	A	1/0ACSR	7.47Y	124.5	0.03	1.51	51.76	26	361	138	93	0.47	0.0	2.380	0.034	0	0	0	41	
		B		7.31Y	121.9	0.08	4.11	97.94	49	625	351	87					0	0	0	144	
		C		7.50Y	124.9	0.03	1.08	57.88	29	392	185	90					0	0	0	77	
PL.7514	PL.398	A	1/0ACSR	7.47Y	124.5	0.02	1.53	51.76	26	361	138	93	0.24	0.0	2.397	0.017	0	0	0	41	
		B		7.31Y	121.8	0.04	4.15	97.94	49	624	351	87					0	0	0	144	
		C		7.49Y	124.9	0.01	1.09	57.88	29	392	185	90					0	0	0	77	
561102	PL.7514	B	Consumer	7.31Y	121.8	0.00	4.15	0.23	0	2	1	89	0.00	0.0	2.397	0.000	2	1	1	1	
C PL.27612	PL.7514	A	4ACSR	7.47Y	124.5	0.01	1.54	51.76	43	361	138	93	0.15	0.0	2.402	0.004	0	0	0	41	
		B		7.31Y	121.8	0.02	4.17	97.71	82	623	350	87					0	0	0	143	
		C		7.49Y	124.9	0.01	1.10	57.88	49	392	185	90					0	0	0	77	
PD.2832-A	PL.27612	A	Closed	7.47Y	124.5	0.00	1.54	51.76	0	361	138	93	0.00	0.0	2.402	0.000	0	0	0	41	
		B		7.31Y	121.8	0.00	4.17	97.71	0	623	350	87					0	0	0	143	
		C		7.49Y	124.9	0.00	1.10	57.88	0	392	185	90					0	0	0	77	

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 across multiple rows.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

		Units Displayed In Volts															-----Element-----			
		-Base Voltage:120.0-												mi	Length		Cons			
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	From Src	(mi)	KW	KVAR	On	Thru
PL.39250	PD.6888	B	4ACSR	7.21Y	120.2	0.00	5.84	0.41	0	2	2	71	0.00	0.0	3.223	0.074	0	0	0	1
568301	PL.39250	B	Consumer	7.21Y	120.2	0.00	5.84	0.41	0	2	2	71	0.00	0.0	3.223	0.000	2	2	1	1
PL.39249	PD.6888	B	4ACSR	7.21Y	120.2	0.00	5.84	0.34	0	2	2	71	0.00	0.0	3.158	0.009	0	0	0	1
PL.7509	PL.39249	B	4ACSR	7.21Y	120.2	0.00	5.84	0.34	0	2	2	71	0.00	0.0	3.298	0.140	0	0	0	1
567301	PL.7509	B	Consumer	7.21Y	120.2	0.00	5.84	0.34	0	2	2	71	0.00	0.0	3.298	0.000	2	2	1	1
PL.26609	PL.26608	A B C	336ACSR	7.43Y 7.20Y 7.46Y	123.8 120.1 124.3	0.04 0.08 -0.00	2.21 5.92 1.66	49.59 92.84 37.74	11 21 9	346 588 268	127 321 87	94 88 95	0.28 0.0	0.0	3.223	0.077	0 0 0	0 0 0	0 0 0	35 133 17
PL.7515	PL.26609	A B C	336ACSR	7.43Y 7.20Y 7.46Y	123.8 120.0 124.3	0.02 0.04 -0.00	2.23 5.96 1.66	49.59 92.24 37.74	11 21 9	346 584 268	127 317 86	94 88 95	0.12 0.0	0.0	3.257	0.033	0 0 0	0 0 0	0 0 0	35 130 17
PL.7516	PL.7515	A B C	336ACSR	7.42Y 7.20Y 7.46Y	123.7 120.0 124.3	0.04 0.09 -0.00	2.27 6.05 1.66	49.56 91.95 37.74	11 21 9	345 582 268	127 316 86	94 88 95	0.30 0.0	0.0	3.338	0.082	0 0 0	0 0 0	0 0 0	34 129 17
568508	PL.7516	A	Consumer	7.42Y	123.7	0.00	2.27	0.08	0	0	0	100	0.00	0.0	3.338	0.000	0	0	1	1
568503	PL.7516	A	Consumer	7.42Y	123.7	0.00	2.27	0.27	0	2	1	89	0.00	0.0	3.338	0.000	2	1	1	1
5685011	PL.7516	A	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	3.338	0.000	0	0	1	1
568510	PL.7516	A	Consumer	7.42Y	123.7	0.00	2.27	0.05	0	0	0	100	0.00	0.0	3.338	0.000	0	0	1	1
PL.39287	PL.7516	B	2ACSR	7.20Y	120.0	0.00	6.05	3.26	2	18	15	77	0.00	0.0	3.344	0.005	0	0	0	10
PD.3830	PL.39287	B	fuse6AMP	7.20Y	120.0	0.00	6.05	3.26	56	18	15	77	0.00	0.0	3.344	0.000	0	0	0	10
PL.30844	PD.3830	B	2ACSR	7.20Y	119.9	0.02	6.07	3.26	2	18	15	77	0.00	0.0	3.548	0.204	0	0	0	10
PL.42170	PL.30844	B	2ACSR	7.20Y	119.9	0.00	6.07	0.52	0	3	2	83	0.00	0.0	3.571	0.024	0	0	0	1
0857021	PL.42170	B	Consumer	7.20Y	119.9	0.00	6.07	0.00	0	0	0	100	0.00	0.0	3.571	0.000	0	0	0	0
PL.42171	PL.42170	B	2ACSR	7.20Y	119.9	0.00	6.07	0.52	0	3	2	83	0.00	0.0	3.606	0.034	0	0	0	1
0857020	PL.42171	B	Consumer	7.20Y	119.9	0.00	6.07	0.52	0	3	2	83	0.00	0.0	3.606	0.000	3	2	1	1
0857027	PL.42171	B	Consumer	7.20Y	119.9	0.00	6.07	0.00	0	0	0	100	0.00	0.0	3.606	0.000	0	0	0	0
PL.41215	PL.42171	B	2ACSR	7.20Y	119.9	0.00	6.07	0.00	0	0	0	100	0.00	0.0	3.641	0.036	0	0	0	0
0857019	PL.30844	B	Consumer	7.20Y	119.9	0.00	6.07	0.03	0	0	0	100	0.00	0.0	3.548	0.000	0	0	1	1
PL.42172	PL.30844	B	2ACSR	7.20Y	119.9	0.01	6.08	2.70	2	15	12	78	0.00	0.0	3.606	0.058	0	0	0	8
PL.42173	PL.42172	B	2ACSR	7.20Y	119.9	0.00	6.08	2.70	2	15	12	78	0.00	0.0	3.643	0.037	0	0	0	8
PL.32796	PL.42173	B	2ACSR	7.19Y	119.9	0.01	6.09	2.55	2	14	12	76	0.00	0.0	3.750	0.107	0	0	0	7
PL.32798	PL.32796	B	2ACSR	7.19Y	119.9	0.00	6.09	0.00	0	0	0	100	0.00	0.0	3.780	0.030	0	0	0	1
0857017	PL.32798	B	Consumer	7.19Y	119.9	0.00	6.09	0.00	0	0	0	100	0.00	0.0	3.780	0.000	0	0	1	1
PL.33205	PL.32796	B	2ACSR	7.19Y	119.9	0.01	6.09	2.51	2	14	12	76	0.00	0.0	3.814	0.064	0	0	0	2
PL.33206	PL.33205	B	2ACSR	7.19Y	119.9	0.00	6.09	0.87	1	5	4	78	0.00	0.0	3.853	0.038	0	0	0	1
0857016	PL.33206	B	Consumer	7.19Y	119.9	0.00	6.09	0.87	0	5	4	78	0.00	0.0	3.853	0.000	5	4	1	1
0857015	PL.33205	B	Consumer	7.19Y	119.9	0.00	6.09	1.63	0	9	8	75	0.00	0.0	3.814	0.000	9	8	1	1
PL.43908	PL.32796	B	2ACSR	7.19Y	119.9	0.00	6.09	0.04	0	0	0	100	0.00	0.0	3.779	0.028	0	0	0	4
PL.45986	PL.43908	B	2ACSR	7.19Y	119.9	0.00	6.09	0.03	0	0	0	100	0.00	0.0	3.800	0.022	0	0	0	3
0857026	PL.45986	B	Consumer	7.19Y	119.9	0.00	6.09	0.00	0	0	0	100	0.00	0.0	3.800	0.000	0	0	0	0
PL.45987	PL.45986	B	2ACSR	7.19Y	119.9	0.00	6.09	0.03	0	0	0	100	0.00	0.0	3.820	0.020	0	0	0	3

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	kW Loss		% Loss	Length (mi)			KW	KVAR	
0857025	PL.45987	B	Consumer	7.19Y	119.9	0.00	6.09	0.00	0	0	0	100	0.00	0.0	3.820	0.000	0	0	1	1
PL.44715	PL.45987	B	2ACSR	7.19Y	119.9	0.00	6.09	0.03	0	0	0	100	0.00	0.0	3.945	0.125	0	0	0	2
PL.42277	PL.44715	B	2ACSR	7.19Y	119.9	0.00	6.09	0.03	0	0	0	100	0.00	0.0	3.993	0.048	0	0	0	1
0857023	PL.42277	B	Consumer	7.19Y	119.9	0.00	6.09	0.03	0	0	0	100	0.00	0.0	3.993	0.000	0	0	1	1
0857018	PL.44715	B	Consumer	7.19Y	119.9	0.00	6.09	0.00	0	0	0	100	0.00	0.0	3.945	0.000	0	0	1	1
0857024	PL.43908	B	Consumer	7.19Y	119.9	0.00	6.09	0.01	0	0	0	100	0.00	0.0	3.779	0.000	0	0	1	1
PL.31877	PL.42173	B	2ACSR	7.20Y	119.9	0.00	6.08	0.15	0	1	1	71	0.00	0.0	3.685	0.042	0	0	0	1
PL.31878	PL.31877	B	2ACSR	7.20Y	119.9	0.00	6.08	0.15	0	1	1	71	0.00	0.0	3.704	0.019	0	0	0	1
5694002	PL.31878	B	Consumer	7.20Y	119.9	0.00	6.08	0.15	0	1	1	71	0.00	0.0	3.704	0.000	1	1	1	1
0857022	PL.42172	B	Consumer	7.20Y	119.9	0.00	6.08	0.00	0	0	0	100	0.00	0.0	3.606	0.000	0	0	0	0
PL.30347	PL.7516	A	336ACSR	7.42Y	123.7	0.02	2.29	49.17	11	343	125	94	0.11	0.0	3.370	0.031	0	0	0	30
		B		7.20Y	119.9	0.03	6.08	88.76	20	564	300	88					0	0	0	119
		C		7.46Y	124.3	-0.00	1.66	37.74	9	268	86	95					0	0	0	17
PL.30348	PL.30347	A	336ACSR	7.42Y	123.6	0.09	2.38	49.17	11	343	125	94	0.65	0.1	3.559	0.190	0	0	0	30
		B		7.18Y	119.7	0.19	6.27	88.76	20	564	300	88					0	0	0	119
		C		7.46Y	124.3	-0.00	1.65	37.74	9	268	86	95					0	0	0	17
PL.30344	PL.30348	A	336ACSR	7.42Y	123.6	0.01	2.39	49.17	11	343	125	94	0.08	0.0	3.582	0.023	0	0	0	30
		B		7.18Y	119.7	0.02	6.29	88.76	20	563	299	88					0	0	0	119
		C		7.46Y	124.3	-0.00	1.65	37.74	9	268	86	95					0	0	0	17
PD.3827-A	PL.30344	A	Closed	7.42Y	123.6	0.00	2.39	49.17	0	343	125	94	0.00	0.0	3.582	0.000	0	0	0	30
		B		7.18Y	119.7	0.00	6.29	88.76	0	563	299	88					0	0	0	119
		C		7.46Y	124.3	0.00	1.65	37.74	0	268	86	95					0	0	0	17
PD.3827-B	PD.3827-A	A	Closed	7.42Y	123.6	0.00	2.39	49.17	0	343	125	94	0.00	0.0	3.582	0.000	0	0	0	30
		B		7.18Y	119.7	0.00	6.29	88.76	0	563	299	88					0	0	0	119
		C		7.46Y	124.3	0.00	1.65	37.74	0	268	86	95					0	0	0	17
PL.30345	PD.3827-B	A	336ACSR	7.42Y	123.6	0.02	2.41	49.17	11	343	125	94	0.13	0.0	3.621	0.038	0	0	0	30
		B		7.18Y	119.7	0.04	6.33	88.76	20	563	299	88					0	0	0	119
		C		7.46Y	124.3	-0.00	1.65	37.74	9	268	86	95					0	0	0	17
PL.17938	PL.30345	A	336ACSR	7.40Y	123.3	0.25	2.66	49.17	11	343	125	94	1.81	0.2	4.145	0.524	0	0	0	30
		B		7.15Y	119.1	0.53	6.86	88.76	20	563	298	88					0	0	0	119
		C		7.46Y	124.4	-0.01	1.64	37.74	9	268	86	95					0	0	0	17
PL.26850	PL.17938	B	4ACSR	7.15Y	119.1	0.00	6.86	1.11	1	6	5	77	0.00	0.0	4.155	0.010	0	0	0	3
PD.2046	PL.26850	B	fuse6AMP	7.15Y	119.1	0.00	6.86	1.11	19	6	5	77	0.00	0.0	4.155	0.000	0	0	0	3
PL.26851	PD.2046	B	4ACSR	7.15Y	119.1	0.01	6.87	1.11	1	6	5	77	0.00	0.0	4.363	0.208	0	0	0	3
085704	PL.26851	B	Consumer	7.15Y	119.1	0.00	6.87	0.48	0	3	2	83	0.00	0.0	4.363	0.000	3	2	1	1
PL.8461	PL.26851	B	4ACSR	7.15Y	119.1	0.00	6.88	0.63	1	3	3	71	0.00	0.0	4.479	0.116	0	0	0	2
085708	PL.8461	B	Consumer	7.15Y	119.1	0.00	6.88	0.00	0	0	0	100	0.00	0.0	4.479	0.000	0	0	1	1
085712	PL.8461	B	Consumer	7.15Y	119.1	0.00	6.88	0.63	0	3	3	71	0.00	0.0	4.479	0.000	3	3	1	1
PL.26620	PL.17938	A	1/0ACSR	7.40Y	123.3	0.08	2.74	49.17	24	342	125	94	0.86	0.1	4.228	0.083	0	0	0	30
		B		7.14Y	119.0	0.17	7.03	87.68	44	556	290	89					0	0	0	116
		C		7.46Y	124.3	0.02	1.66	37.74	19	268	86	95					0	0	0	17
PL.39245	PL.26620	A	4ACSR	7.40Y	123.3	0.00	2.74	0.74	1	4	4	71	0.00	0.0	4.234	0.006	0	0	0	2
PD.6886	PL.39245	A	fuse6AMP	7.40Y	123.3	0.00	2.74	0.74	13	4	4	71	0.00	0.0	4.234	0.000	0	0	0	2
PL.39244	PD.6886	A	4ACSR	7.40Y	123.3	0.00	2.75	0.74	1	4	4	71	0.00	0.0	4.329	0.095	0	0	0	2
085709	PL.39244	A	Consumer	7.40Y	123.3	0.00	2.75	0.44	0	2	2	71	0.00	0.0	4.329	0.000	2	2	1	1
085710	PL.39244	A	Consumer	7.40Y	123.3	0.00	2.75	0.30	0	2	1	89	0.00	0.0	4.329	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: BOWEN

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.14025	PL.26620	A	1/OACSR	7.39Y	123.2	0.09	2.83	48.48	24	337	121	94	0.95	0.1	4.321	0.093	0	0	0	28	
		B		7.13Y	118.8	0.19	7.21	87.68	44	555	289	89					0	0	0	116	
		C		7.46Y	124.3	0.03	1.69	37.74	19	268	86	95					0	0	0	17	
085711	PL.14025	C	Consumer	7.46Y	124.3	0.00	1.69	0.04	0	0	0	100	0.00	0.0	4.321	0.000	0	0	1	1	
PL.14026	PL.14025	A	1/OACSR	7.38Y	123.0	0.13	2.96	48.48	24	337	121	94	1.35	0.1	4.452	0.131	0	0	0	28	
		B		7.11Y	118.5	0.26	7.48	87.68	44	555	288	89					0	0	0	116	
		C		7.46Y	124.3	0.04	1.72	37.70	19	268	85	95					0	0	0	16	
PL.18388	PL.14026	A	6ACWC	7.38Y	123.0	0.01	2.97	48.48	41	337	121	94	0.18	0.0	4.459	0.007	0	0	0	28	
C		B		7.11Y	118.5	0.03	7.50	87.27	74	551	285	89					0	0	0	114 C	
		C		7.46Y	124.3	0.01	1.73	37.70	32	268	85	95					0	0	0	16	
PD.752-A	PL.18388	A	Closed	7.38Y	123.0	0.00	2.97	48.48	0	337	121	94	0.00	0.0	4.459	0.000	0	0	0	28	
		B		7.11Y	118.5	0.00	7.50	87.27	0	551	285	89					0	0	0	114	
		C		7.46Y	124.3	0.00	1.73	37.70	0	268	85	95					0	0	0	16	
PD.752-B	PD.752-A	A	Closed	7.38Y	123.0	0.00	2.97	48.48	0	337	121	94	0.00	0.0	4.459	0.000	0	0	0	28	
		B		7.11Y	118.5	0.00	7.50	87.27	0	551	285	89					0	0	0	114	
		C		7.46Y	124.3	0.00	1.73	37.70	0	268	85	95					0	0	0	16	
PL.14027	PD.752-B	A	6ACWC	7.37Y	122.9	0.12	3.09	48.48	41	337	121	94	1.49	0.1	4.518	0.059	0	0	0	28	
C		B		7.10Y	118.3	0.22	7.72	87.27	74	551	285	89					0	0	0	114 C	
		C		7.45Y	124.2	0.06	1.79	37.70	32	268	85	95					0	0	0	16	
PL.18954	PL.14027	C	4ACSR	7.45Y	124.2	0.00	1.79	0.52	0	3	2	83	0.00	0.0	4.530	0.012	0	0	0	1	
PD.1813	PL.18954	C	fuse6AMP	7.45Y	124.2	0.00	1.79	0.52	9	3	2	83	0.00	0.0	4.530	0.000	0	0	0	1	
PL.18955	PD.1813	C	4ACSR	7.45Y	124.2	0.00	1.79	0.52	0	3	2	83	0.00	0.0	4.593	0.064	0	0	0	1	
085803	PL.18955	C	Consumer	7.45Y	124.2	0.00	1.79	0.52	0	3	2	83	0.00	0.0	4.593	0.000	3	2	1	1	
085806	PL.18955	C	Consumer	7.45Y	124.2	0.00	1.79	0.00	0	0	0	100	0.00	0.0	4.593	0.000	0	0	0	0	
PL.14028	PL.14027	A	6ACWC	7.37Y	122.8	0.14	3.23	48.48	41	336	121	94	1.74	0.2	4.586	0.069	0	0	0	28	
C		B		7.08Y	118.0	0.26	7.98	87.27	74	550	285	89					0	0	0	114 C	
		C		7.45Y	124.1	0.06	1.85	37.23	32	265	83	95					0	0	0	15	
PL.25269	PL.14028	A	6ACWC	7.36Y	122.7	0.04	3.27	48.48	41	336	121	94	0.44	0.0	4.603	0.017	0	0	0	28	
L		B		7.08Y	118.0	0.06	8.04	86.97	74	547	283	89					0	0	0	113 L	
		C		7.45Y	124.1	0.02	1.87	37.23	32	265	82	95					0	0	0	15	
PL.25097	PL.25269	A	6ACWC	7.36Y	122.6	0.13	3.39	48.48	41	336	121	94	1.55	0.1	4.665	0.061	0	0	0	28	
L		B		7.06Y	117.7	0.23	8.27	86.97	74	547	283	89					0	0	0	113 L	
		C		7.44Y	124.1	0.06	1.93	37.23	32	265	82	95					0	0	0	15	
PL.25098	PL.25097	A	6ACWC	7.35Y	122.4	0.18	3.58	48.48	41	336	121	94	2.23	0.2	4.753	0.088	0	0	0	28	
L		B		7.04Y	117.4	0.33	8.60	86.97	74	546	282	89					0	0	0	113 L	
		C		7.44Y	124.0	0.08	2.01	37.23	32	265	82	95					0	0	0	15	
591102	PL.25098	A	Consumer	7.35Y	122.4	0.00	3.58	0.03	0	0	0	100	0.00	0.0	4.753	0.000	0	0	1	1	
PL.28128	PL.25098	A	1/OACSR	7.35Y	122.4	0.01	3.58	48.44	24	335	120	94	0.07	0.0	4.760	0.007	0	0	0	27	
L		B		7.04Y	117.4	0.01	8.62	86.97	43	544	281	89					0	0	0	113 L	
		C		7.44Y	124.0	0.00	2.01	37.23	19	264	82	95					0	0	0	15	
RG.20	PL.28128	A	1ph-100A-7	7.56Y	126.0	-3.58	0.00	48.44	48	335	120	94	percent Boost= 2.93 Tap= 4.7						27		
C		B		7.56Y	126.0	-8.62	0.00	86.97	87	544	281	89	percent Boost= 7.34 Tap=11.7						C		
		C		7.56Y	126.0	-2.01	0.00	37.23	37	264	82	95	percent Boost= 1.62 Tap= 2.6								
PL.22243	RG.20	A	6ACWC	7.55Y	125.9	0.10	0.10	47.07	40	335	120	94	1.10	0.1	4.809	0.048	0	0	0	27	
C		B		7.55Y	125.8	0.17	0.17	81.03	69	544	281	89					0	0	0	113 C	
		C		7.56Y	126.0	0.05	0.05	36.63	31	264	82	95					0	0	0	15	
C PD.3494	PL.22243	A	fuse6AMP	7.55Y	125.9	0.00	0.10	47.07	804	335	120	94	0.00	0.0	4.809	0.000	0	0	0	27 C	
C		B		7.55Y	125.8	0.00	0.17	81.03	1384	543	281	89					0	0	0	113 C	
C		C		7.56Y	126.0	0.00	0.05	36.63	626	264	82	95					0	0	0	15 C	
PL.23430	PD.3494	A	6ACWC	7.55Y	125.9	0.04	0.13	47.07	40	335	120	94	0.45	0.0	4.828	0.020	0	0	0	27	
C		B		7.55Y	125.8	0.07	0.24	81.03	69	543	281	89					0	0	0	113 C	
		C		7.56Y	125.9	0.02	0.07	36.63	31	264	82	95					0	0	0	15	
592204	PL.23430	B	Consumer	7.55Y	125.8	0.00	0.24	0.10	0	1	0	100	0.00	0.0	4.828	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: BOWEN

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----										mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
592211	PL.23430	A	Consumer	7.55Y	125.9	0.00	0.13	0.03	0	0	0	100	0.00	0.0	4.828	0.000	0	0	1	1		
		C		7.56Y	125.9	0.00	0.07	0.03	0	0	0	90					0	0	1	1		
PL.14029	PL.23430	A	1/0ACSR	7.55Y	125.8	0.02	0.16	47.04	23	334	120	94	0.20	0.0	4.851	0.023	0	0	0	26		
		B		7.54Y	125.7	0.04	0.28	80.93	40	542	281	89					0	0	0	112		
		C		7.56Y	125.9	0.01	0.07	36.60	18	264	82	95					0	0	0	15		
591203	PL.14029	B	Consumer	7.54Y	125.7	0.00	0.28	0.36	0	2	1	89	0.00	0.0	4.851	0.000	2	1	1	1		
PL.14030	PL.14029	A	6ACWC	7.54Y	125.7	0.16	0.32	47.04	40	334	120	94	1.79	0.2	4.932	0.081	0	0	0	26		
C		B		7.53Y	125.4	0.28	0.55	79.66	68	534	276	89					0	0	0	110		
		C		7.55Y	125.8	0.08	0.15	36.60	31	264	82	95					0	0	0	15		
PL.25092	PL.14030	A	6ACWC	7.53Y	125.6	0.12	0.44	40.36	34	289	96	95	0.83	0.1	5.006	0.074	0	0	0	24		
		B		7.52Y	125.3	0.14	0.70	48.40	41	340	131	93					0	0	0	40		
		C		7.55Y	125.8	0.09	0.24	33.85	29	246	71	96					0	0	0	12		
592307	PL.25092	B	Consumer	7.52Y	125.3	0.00	0.70	2.49	0	17	8	90	0.00	0.0	5.006	0.000	17	8	1	1		
PL.14352	PL.25092	A	6ACWC	7.53Y	125.4	0.14	0.58	40.36	34	289	95	95	0.94	0.1	5.093	0.087	0	0	0	24		
		B		7.51Y	125.1	0.16	0.86	45.92	39	323	122	94					0	0	0	39		
		C		7.54Y	125.7	0.11	0.35	33.85	29	245	71	96					0	0	0	12		
PL.39246	PL.14352	A	4ACSR	7.53Y	125.4	0.00	0.58	4.57	4	31	15	90	0.00	0.0	5.095	0.003	0	0	0	1		
PD.6887	PL.39246	A	fuse6AMP	7.53Y	125.4	0.00	0.58	4.57	78	31	15	90	0.00	0.0	5.095	0.000	0	0	0	1		
PL.39247	PD.6887	A	4ACSR	7.52Y	125.4	0.00	0.58	4.57	4	31	15	90	0.00	0.0	5.111	0.015	0	0	0	1		
593201	PL.39247	A	Consumer	7.52Y	125.4	0.00	0.58	4.57	0	31	15	90	0.00	0.0	5.111	0.000	31	15	1	1		
PL.14353	PL.14352	A	6ACWC	7.52Y	125.4	0.05	0.63	35.84	30	257	80	95	0.37	0.0	5.129	0.037	0	0	0	23		
		B		7.50Y	125.1	0.07	0.93	45.92	39	322	122	94					0	0	0	39		
		C		7.54Y	125.6	0.04	0.39	33.85	29	245	71	96					0	0	0	12		
PL.14282	PL.14353	A	6ACWC	7.52Y	125.3	0.05	0.68	34.12	29	246	72	96	0.34	0.0	5.164	0.034	0	0	0	16		
		B		7.50Y	125.0	0.07	0.99	45.92	39	322	122	94					0	0	0	39		
		C		7.53Y	125.6	0.04	0.43	33.85	29	245	71	96					0	0	0	12		
PL.25099	PL.14282	A	6ACWC	7.51Y	125.2	0.11	0.79	34.12	29	246	72	96	0.77	0.1	5.243	0.080	0	0	0	16		
		B		7.49Y	124.9	0.15	1.15	45.61	39	320	120	94					0	0	0	37		
		C		7.53Y	125.5	0.10	0.53	33.85	29	245	71	96					0	0	0	12		
595202	PL.25099	C	Consumer	7.53Y	125.5	0.00	0.53	0.13	0	1	0	100	0.00	0.0	5.243	0.000	1	0	1	1		
5952003	PL.25099	C	Consumer	7.53Y	125.5	0.00	0.53	0.09	0	1	0	100	0.00	0.0	5.243	0.000	1	0	1	1		
PL.28697	PL.25099	A	6ACWC	7.51Y	125.2	0.05	0.83	34.12	29	246	72	96	0.34	0.0	5.279	0.035	0	0	0	16		
		B		7.49Y	124.8	0.07	1.21	45.61	39	320	120	94					0	0	0	37		
		C		7.53Y	125.4	0.04	0.57	33.64	29	243	70	96					0	0	0	10		
PL.45913	PL.28697	A	4ACSR	7.51Y	125.2	0.01	0.84	34.12	29	246	72	96	0.05	0.0	5.284	0.005	0	0	0	16		
		B		7.49Y	124.8	0.01	1.22	45.61	38	320	120	94					0	0	0	37		
		C		7.53Y	125.4	0.01	0.58	33.64	28	243	70	96					0	0	0	10		
PD.8684	PL.45913	A	50L	7.51Y	125.2	0.00	0.84	34.12	68	246	72	96	0.00	0.0	5.284	0.000	0	0	0	16		
C		B		7.49Y	124.8	0.00	1.22	45.61	91	320	120	94					0	0	0	37		
		C		7.53Y	125.4	0.00	0.58	33.64	67	243	70	96					0	0	0	10		
PL.45914	PD.8684	A	6ACWC	7.51Y	125.1	0.05	0.90	34.12	29	246	72	96	0.39	0.0	5.325	0.041	0	0	0	16		
		B		7.48Y	124.7	0.08	1.30	45.61	39	320	120	94					0	0	0	37		
		C		7.52Y	125.4	0.05	0.62	33.64	29	243	70	96					0	0	0	10		
PL.25091	PL.45914	A	6ACWC	7.50Y	125.0	0.10	1.00	32.39	27	235	63	97	0.76	0.1	5.405	0.080	0	0	0	13		
		B		7.47Y	124.5	0.15	1.45	45.61	39	319	120	94					0	0	0	37		
		C		7.52Y	125.3	0.10	0.72	33.64	29	243	70	96					0	0	0	10		
PL.26859	PL.25091	A	4ACSR	7.50Y	125.0	0.00	1.00	0.00	0	0	0	100	0.00	0.0	5.414	0.009	0	0	0	0		
PD.2874	PL.26859	A	fuse6AMP	7.50Y	125.0	0.00	1.00	0.00	0	0	0	100	0.00	0.0	5.414	0.000	0	0	0	0		
PL.20483	PL.25091	A	6ACWC	7.50Y	125.0	0.04	1.04	32.39	27	235	63	97	0.32	0.0	5.440	0.035	0	0	0	13		
		B		7.47Y	124.5	0.07	1.52	45.08	38	316	117	94					0	0	0	32		
		C		7.51Y	125.2	0.04	0.76	32.55	28	236	65	96					0	0	0	8		

Unbalanced Voltage Drop Report
Source: BOWEN

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-						% PF	kW Loss	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	KW						KVAR			
596412	PL.20483	A C	Consumer	7.50Y 7.51Y	125.0 125.2	0.00 0.00	1.04 0.76	0.01 0.01	0 0	0 0	100 90	0.00 0.00	0.0 0.0	5.440 0.000	0.000	0 0	0 0	1 1	1 1		
PL.20484	PL.20483	A B C	6ACWC	7.50Y 7.47Y 7.51Y	124.9 124.4 125.2	0.03 0.05 0.03	1.08 1.57 0.79	32.38 45.08 32.53	27 38 28	235 316 236	63 117 65	97 94 96	0.25 0.0	0.0 5.468	0.027	0 0 0	0 0 0	0 0 0	12 32 8		
PL.25100	PL.20484	A B C	6ACWC	7.49Y 7.46Y 7.51Y	124.8 124.3 125.1	0.09 0.13 0.08	1.17 1.70 0.87	32.38 44.71 32.53	27 38 28	235 313 236	63 115 65	97 94 96	0.64 0.1	0.1 5.538	0.070	0 0 0	0 0 0	0 0 0	12 29 8		
PL.25101	PL.25100	A B C	6ACWC	7.49Y 7.46Y 7.51Y	124.8 124.3 125.1	0.02 0.03 0.02	1.19 1.73 0.89	32.38 44.71 32.53	27 38 28	234 313 235	62 115 65	97 94 96	0.14 0.0	0.0 5.553	0.015	0 0 0	0 0 0	0 0 0	12 29 8		
597504	PL.25101	B	Consumer	7.46Y	124.3	0.00	1.73	0.01	0 0	0 0	100	0.00	0.0	0.0	5.553	0.000	0	0	1	1	
597503	PL.25101	B	Consumer	7.46Y	124.3	0.00	1.73	0.00	0 0	0 0	100	0.00	0.0	0.0	5.553	0.000	0	0	1	1	
597501	PL.25101	B	Consumer	7.46Y	124.3	0.00	1.73	0.07	0 0	0 0	100	0.00	0.0	0.0	5.553	0.000	0	0	1	1	
PL.6850	PL.25101	A B C	6ACWC	7.48Y 7.45Y 7.50Y	124.7 124.1 125.0	0.12 0.18 0.11	1.31 1.91 1.00	32.38 44.63 32.53	27 38 28	234 312 235	62 115 65	97 94 96	0.85 0.1	0.1 5.647	0.094	0 0 0	0 0 0	0 0 0	12 26 8		
PL.6851	PL.6850	A B C	6ACWC	7.47Y 7.43Y 7.49Y	124.5 123.8 124.8	0.18 0.25 0.16	1.48 2.16 1.16	32.38 43.95 32.53	27 37 28	234 308 235	62 111 65	97 94 96	1.24 0.2	0.2 5.785	0.139	0 0 0	0 0 0	0 0 0	12 24 8		
PL.14354	PL.6851	A B C	6ACWC	7.47Y 7.42Y 7.49Y	124.4 123.7 124.8	0.08 0.10 0.07	1.56 2.26 1.23	32.38 41.37 32.19	27 35 27	234 290 233	62 102 63	97 94 97	0.50 0.1	0.1 5.846	0.060	0 0 0	0 0 0	0 0 0	12 23 6		
PL.3585	PL.14354	B	2ACSR	7.42Y	123.7	0.02	2.29	9.21	6 61	32 89	0.01 0.0	0.0	0.0	5.924	0.078	0	0	0	8		
598705	PL.3585	B	Consumer	7.42Y	123.7	0.00	2.29	0.60	0 3	3 71	0.00	0.0	0.0	5.924	0.000	3	3	1	1		
598710	PL.3585	B	Consumer	7.42Y	123.7	0.00	2.29	0.29	0 2	1 89	0.00	0.0	0.0	5.924	0.000	2	1	1	1		
598703	PL.3585	B	Consumer	7.42Y	123.7	0.00	2.29	1.65	0 11	5 91	0.00	0.0	0.0	5.924	0.000	11	5	1	1		
598709	PL.3585	B	Consumer	7.42Y	123.7	0.00	2.29	0.00	0 0	0 100	0.00	0.0	0.0	5.924	0.000	0	0	1	1		
PL.3147	PL.3585	B	2ACSR	7.42Y	123.7	0.01	2.29	6.70	4 45	22 90	0.00	0.0	0.0	5.948	0.024	0	0	0	4		
599701	PL.3147	B	Consumer	7.42Y	123.7	0.00	2.29	0.00	0 0	0 100	0.00	0.0	0.0	5.948	0.000	0	0	0	0		
598708	PL.3147	B	Consumer	7.42Y	123.7	0.00	2.29	0.17	0 1	1 71	0.00	0.0	0.0	5.948	0.000	1	1	1	1		
598706	PL.3147	B	Consumer	7.42Y	123.7	0.00	2.29	0.26	0 1	1 71	0.00	0.0	0.0	5.948	0.000	1	1	1	1		
598704	PL.3147	B	Consumer	7.42Y	123.7	0.00	2.29	0.34	0 2	1 89	0.00	0.0	0.0	5.948	0.000	2	1	1	1		
PL.3146	PL.3147	B	2ACSR	7.42Y	123.7	0.01	2.30	5.94	4 40	19 90	0.00	0.0	0.0	5.979	0.031	0	0	0	1		
PL.3148	PL.3146	B	2ACSR	7.42Y	123.7	0.01	2.31	5.94	4 40	19 90	0.00	0.0	0.0	6.033	0.053	0	0	0	1		
598801	PL.3148	B	Consumer	7.42Y	123.7	0.00	2.31	5.94	0 40	19 90	0.00	0.0	0.0	6.033	0.000	40	19	1	1		
PL.28638	PL.14354	A B C	6ACWC	7.46Y 7.42Y 7.48Y	124.3 123.6 124.7	0.10 0.10 0.10	1.66 2.37 1.33	32.38 32.28 32.19	27 27 27	234 229 233	62 71 63	97 96 97	0.56 0.1	0.1 5.927	0.082	0 0 0	0 0 0	0 0 0	12 15 6		
PL.28639	PL.28638	A B C	6ACWC	7.46Y 7.41Y 7.48Y	124.3 123.6 124.6	0.06 0.06 0.06	1.72 2.43 1.39	32.13 32.28 32.19	27 27 27	232 229 232	61 71 63	97 96 97	0.31 0.0	0.0 5.972	0.045	0 0 0	0 0 0	0 0 0	11 15 6		
PL.22672	PL.28639	A B C	6ACWC	7.45Y 7.41Y 7.47Y	124.2 123.4 124.5	0.13 0.13 0.13	1.84 2.56 1.52	32.13 32.28 32.19	27 27 27	232 229 232	61 71 63	97 96 97	0.71 0.1	0.1 6.076	0.103	0 0 0	0 0 0	0 0 0	11 15 6		
PL.28679	PL.22672	A B C	6ACWC	7.45Y 7.40Y 7.47Y	124.1 123.4 124.4	0.05 0.05 0.05	1.89 2.61 1.57	32.13 32.28 32.19	27 27 27	231 228 232	61 71 63	97 96 97	0.28 0.0	0.0 6.117	0.041	0 0 0	0 0 0	0 0 0	11 15 6		

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\EXISTING JUL05 CWP.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.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.5237	PL.5259	B	4ACSR	7.36Y	122.6	0.00	3.35	0.26	0	1	1	71	0.00	0.0	7.078	0.014	0	0	0	1
086903	PL.5237	B	Consumer	7.36Y	122.6	0.00	3.35	0.26	0	1	1	71	0.00	0.0	7.078	0.000	1	1	1	1
PL.5258	PL.5257	B	4ACSR	7.36Y	122.6	0.00	3.36	0.72	1	4	3	80	0.00	0.0	7.058	0.066	0	0	0	3
087915	PL.5258	B	Consumer	7.36Y	122.6	0.00	3.36	0.08	0	0	0	100	0.00	0.0	7.058	0.000	0	0	1	1
087914	PL.5258	B	Consumer	7.36Y	122.6	0.00	3.36	0.10	0	1	0	100	0.00	0.0	7.058	0.000	1	0	1	1
087916	PL.5258	B	Consumer	7.36Y	122.6	0.00	3.36	0.55	0	3	3	71	0.00	0.0	7.058	0.000	3	3	1	1
PL.5253	PL.45919	A	4ACSR	7.40Y	123.4	0.00	2.61	0.12	0	1	1	71	0.00	0.0	6.975	0.061	0	0	0	3
PL.5254	PL.5253	A	4ACSR	7.40Y	123.4	0.00	2.61	0.00	0	0	0	100	0.00	0.0	7.148	0.173	0	0	0	0
PL.5255	PL.5253	A	4ACSR	7.40Y	123.4	0.00	2.61	0.03	0	0	0	100	0.00	0.0	7.026	0.051	0	0	0	1
087903	PL.5255	A	Consumer	7.40Y	123.4	0.00	2.61	0.03	0	0	0	100	0.00	0.0	7.026	0.000	0	0	1	1
PL.5252	PL.5253	A	4ACSR	7.40Y	123.4	0.00	2.61	0.09	0	0	0	100	0.00	0.0	7.017	0.042	0	0	0	2
087907	PL.5252	A	Consumer	7.40Y	123.4	0.00	2.61	0.09	0	0	0	100	0.00	0.0	7.017	0.000	0	0	1	1
087918	PL.5252	A	Consumer	7.40Y	123.4	0.00	2.61	0.00	0	0	0	100	0.00	0.0	7.017	0.000	0	0	1	1
PL.14147	PL.45921	A	1/0ACSR	7.40Y	123.3	0.09	2.70	24.87	12	180	36	98	0.36	0.1	7.074	0.223	0	0	0	0
		B		7.35Y	122.6	0.09	3.44	25.03	12	180	37	98					0	0	0	0
		C		7.42Y	123.6	0.09	2.35	24.81	12	180	37	98					0	0	0	0
087905	PL.14147	A	Consumer	7.40Y	123.3	0.00	2.70	24.91	0	180	38	98	0.00	0.0	7.074	0.000	180	38	0	0
		B		7.35Y	122.6	0.00	3.44	25.06	0	180	38	98					180	38	0	0
		C		7.42Y	123.6	0.00	2.35	24.84	0	180	38	98					180	38	0	0
P PL.14148	PL.14147	A	6ACWC	7.40Y	123.3	-0.00	2.70	-0.19	0	0	-1	0	0.00	0.0	7.216	0.142	0	0	0	0 P
P		B		7.35Y	122.6	-0.00	3.44	-0.14	0	0	-1	0					0	0	0	0 P
P		C		7.42Y	123.6	-0.00	2.35	-0.15	0	0	-1	0					0	0	0	0 P
P PL.14149	PL.14148	A	6ACWC	7.40Y	123.3	-0.00	2.70	-0.19	0	0	-1	0	0.00	0.0	7.471	0.254	0	0	0	0 P
P		B		7.35Y	122.6	-0.00	3.44	-0.14	0	0	-1	0					0	0	0	0 P
P		C		7.42Y	123.6	-0.00	2.35	-0.15	0	0	-1	0					0	0	0	0 P
P PL.43133	PL.14149	A	4ACSR	7.40Y	123.3	-0.00	2.70	-0.19	0	0	-1	0	0.00	0.0	7.479	0.008	0	0	0	0 P
P		B		7.35Y	122.6	-0.00	3.44	-0.14	0	0	-1	0					0	0	0	0 P
		C		7.42Y	123.6	-0.00	2.35	-0.15	0	0	-1	0					0	0	0	0
P PD.8576-A	PL.43133	A	Closed	7.40Y	123.3	0.00	2.70	-0.19	0	0	-1	0	0.00	0.0	7.479	0.000	0	0	0	0 P
P		B		7.35Y	122.6	0.00	3.44	-0.14	0	0	-1	0					0	0	0	0 P
		C		7.42Y	123.6	0.00	2.35	-0.15	0	0	-1	0					0	0	0	0
P PD.8576-B	PD.8576-A	A	Closed	7.40Y	123.3	0.00	2.70	-0.19	0	0	-1	0	0.00	0.0	7.479	0.000	0	0	0	0 P
P		B		7.35Y	122.6	0.00	3.44	-0.14	0	0	-1	0					0	0	0	0 P
		C		7.42Y	123.6	0.00	2.35	-0.15	0	0	-1	0					0	0	0	0
P PL.43134	PD.8576-B	A	6ACWC	7.40Y	123.3	-0.00	2.70	-0.19	0	0	-1	0	0.00	0.0	7.542	0.063	0	0	0	0 P
P		B		7.35Y	122.6	-0.00	3.44	-0.14	0	0	-1	0					0	0	0	0 P
		C		7.42Y	123.6	-0.00	2.35	-0.15	0	0	-1	0					0	0	0	0
P PL.14151	PL.43134	A	1/0EPRJCN	7.40Y	123.3	-0.00	2.70	-0.19	0	0	-1	0	0.00	0.0	7.626	0.084	0	0	0	0 P
P		B		7.35Y	122.6	-0.00	3.44	-0.14	0	0	-1	0					0	0	0	0 P
		C		7.42Y	123.6	-0.00	2.35	-0.15	0	0	-1	0					0	0	0	0
P PL.14152	PL.14151	A	1/0EPRJCN	7.40Y	123.3	-0.00	2.70	-0.12	0	0	-1	0	0.00	0.0	7.702	0.076	0	0	0	0 P
P		B		7.35Y	122.6	-0.00	3.44	-0.09	0	0	-1	0					0	0	0	0 P
		C		7.42Y	123.6	-0.00	2.35	-0.09	0	0	-1	0					0	0	0	0
P PL.14153	PL.14152	A	1/0EPRJCN	7.40Y	123.3	-0.00	2.70	-0.05	0	0	0	100	0.00	0.0	7.778	0.075	0	0	0	0 P
P		B		7.35Y	122.6	-0.00	3.44	-0.05	0	0	0	0					0	0	0	0 P
		C		7.42Y	123.6	-0.00	2.35	-0.05	0	0	0	0					0	0	0	0
P PL.5261	PL.14152	A	1/0EPRJCN	7.40Y	123.3	-0.00	2.70	-0.03	0	0	0	100	0.00	0.0	7.743	0.041	0	0	0	0 P
P PL.5260	PL.14151	A	1/0EPRJCN	7.40Y	123.3	-0.00	2.70	-0.02	0	0	0	100	0.00	0.0	7.658	0.032	0	0	0	0 P

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

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	kW Loss		% Loss	Length (mi)			KW	KVAR	
0878025	PL.14144	B	Consumer	7.39Y	123.2	0.00	2.81	1.72	0	10	8	78	0.00	0.0	6.278	0.000	2	2	1	2
087808	0878025	B	Consumer	7.39Y	123.2	0.00	2.81	1.37	0	8	7	75	0.00	0.0	6.278	0.000	8	7	1	1
087801	PL.14144	B	Consumer	7.39Y	123.2	0.00	2.81	2.34	0	13	11	76	0.00	0.0	6.278	0.000	13	11	1	1
PL.33151	PL.28638	A	4ACSR	7.46Y	124.3	0.00	1.66	0.25	0	2	1	89	0.00	0.0	5.934	0.007	0	0	0	1
PL.33152	PL.33151	A	4ACSR	7.46Y	124.3	0.00	1.66	0.25	0	2	1	89	0.00	0.0	5.977	0.043	0	0	0	1
599702	PL.33152	A	Consumer	7.46Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	5.977	0.000	0	0	0	0
PL.35063	PL.33152	A	2ACSR	7.46Y	124.3	0.00	1.66	0.25	0	2	1	89	0.00	0.0	5.992	0.015	0	0	0	1
0868012	PL.35063	A	Consumer	7.46Y	124.3	0.00	1.66	0.25	0	2	1	89	0.00	0.0	5.992	0.000	2	1	1	1
5996001	PL.14354	B	Consumer	7.42Y	123.7	0.00	2.26	0.00	0	0	0	100	0.00	0.0	5.846	0.000	0	0	0	0
PL.16254	PL.6851	C	4ACSR	7.49Y	124.8	0.00	1.16	0.38	0	2	2	71	0.00	0.0	5.792	0.007	0	0	0	1
PD.2877	PL.16254	C	fuse6AMP	7.49Y	124.8	0.00	1.16	0.38	6	2	2	71	0.00	0.0	5.792	0.000	0	0	0	1
PL.16255	PD.2877	C	4ACSR	7.49Y	124.8	0.00	1.16	0.38	0	2	2	71	0.00	0.0	5.845	0.053	0	0	0	1
598606	PL.16255	C	Consumer	7.49Y	124.8	0.00	1.16	0.38	0	2	2	71	0.00	0.0	5.845	0.000	2	2	1	1
598605	PL.6851	C	Consumer	7.49Y	124.8	0.00	1.16	0.00	0	0	0	100	0.00	0.0	5.785	0.000	0	0	1	1
598603	PL.6851	B	Consumer	7.43Y	123.8	0.00	2.16	2.59	0	17	8	90	0.00	0.0	5.785	0.000	17	8	1	1
597502	PL.6850	B	Consumer	7.45Y	124.1	0.00	1.91	0.30	0	2	1	89	0.00	0.0	5.647	0.000	2	1	1	1
598604	PL.6850	B	Consumer	7.45Y	124.1	0.00	1.91	0.43	0	2	2	71	0.00	0.0	5.647	0.000	2	2	1	1
596404	PL.20484	B	Consumer	7.47Y	124.4	0.00	1.57	0.37	0	2	2	71	0.00	0.0	5.468	0.000	2	2	1	1
596408	PL.20484	B	Consumer	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	5.468	0.000	0	0	0	0
596409	PL.20484	B	Consumer	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	5.468	0.000	0	0	1	1
596406	PL.20484	B	Consumer	7.47Y	124.4	0.00	1.57	0.02	0	0	0	100	0.00	0.0	5.468	0.000	0	0	1	1
PL.26861	PL.25091	B	4ACSR	7.47Y	124.5	0.00	1.45	0.56	0	3	3	71	0.00	0.0	5.414	0.009	0	0	0	5
PD.2879	PL.26861	B	fuse6AMP	7.47Y	124.5	0.00	1.45	0.56	10	3	3	71	0.00	0.0	5.414	0.000	0	0	0	5
PL.26862	PD.2879	B	4ACSR	7.47Y	124.5	0.00	1.46	0.56	0	3	3	71	0.00	0.0	5.464	0.050	0	0	0	5
597401	PL.26862	B	Consumer	7.47Y	124.5	0.00	1.46	0.39	0	2	2	71	0.00	0.0	5.464	0.000	2	2	1	1
PL.7567	PL.26862	B	4ACSR	7.47Y	124.5	0.00	1.46	0.18	0	1	1	71	0.00	0.0	5.518	0.055	0	0	0	4
597406	PL.7567	B	Consumer	7.47Y	124.5	0.00	1.46	0.04	0	0	0	100	0.00	0.0	5.518	0.000	0	0	1	1
5973001	PL.7567	B	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	5.518	0.000	0	0	1	1
PL.25020	PL.7567	B	4ACSR	7.47Y	124.5	0.00	1.46	0.14	0	1	1	71	0.00	0.0	5.565	0.047	0	0	0	2
597403	PL.25020	B	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	5.565	0.000	0	0	0	0
597402	PL.25020	B	Consumer	7.47Y	124.5	0.00	1.46	0.07	0	0	0	100	0.00	0.0	5.565	0.000	0	0	1	1
597405	PL.25020	B	Consumer	7.47Y	124.5	0.00	1.46	0.06	0	0	0	100	0.00	0.0	5.565	0.000	0	0	1	1
597404	PL.25020	B	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	5.565	0.000	0	0	0	0
596407	PL.25091	C	Consumer	7.52Y	125.3	0.00	0.72	0.67	0	5	2	93	0.00	0.0	5.405	0.000	5	2	1	1
596410	PL.25091	B	Consumer	7.47Y	124.5	0.00	1.45	0.00	0	0	0	100	0.00	0.0	5.405	0.000	0	0	0	0
596405	PL.25091	C	Consumer	7.52Y	125.3	0.00	0.72	0.47	0	3	2	83	0.00	0.0	5.405	0.000	3	2	1	1
596411	PL.25091	A	Consumer	7.50Y	125.0	0.00	1.00	0.00	0	0	0	100	0.00	0.0	5.405	0.000	0	0	0	0
PL.33149	PL.45914	A	4ACSR	7.51Y	125.1	0.00	0.90	1.80	2	10	9	74	0.00	0.0	5.337	0.012	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

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.3968	PL.33149	A	fuse6AMP	7.51Y	125.1	0.00	0.90	1.80	31	10	9	74	0.00	0.0	5.337	0.000	0	0	0	2
PL.33150	PD.3968	A	4ACSR	7.51Y	125.1	0.00	0.90	1.80	2	10	9	74	0.00	0.0	5.345	0.008	0	0	0	2
PL.2891	PL.33150	A	4ACSR	7.51Y	125.1	0.00	0.90	0.86	1	5	4	78	0.00	0.0	5.411	0.066	0	0	0	1
596202	PL.2891	A	Consumer	7.51Y	125.1	0.00	0.90	0.86	0	5	4	78	0.00	0.0	5.411	0.000	5	4	1	1
PL.2893	PL.33150	A	4ACSR	7.51Y	125.1	0.00	0.90	0.94	1	5	5	71	0.00	0.0	5.389	0.045	0	0	0	1
596301	PL.2893	A	Consumer	7.51Y	125.1	0.00	0.90	0.94	0	5	5	71	0.00	0.0	5.389	0.000	5	5	1	1
595303	PL.45914	C	Consumer	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	5.325	0.000	0	0	0	0
595302	PL.45914	A	Consumer	7.51Y	125.1	0.00	0.90	0.10	0	1	0	100	0.00	0.0	5.325	0.000	1	0	1	1
594208	PL.14282	B	Consumer	7.50Y	125.0	0.00	0.99	0.02	0	0	0	100	0.00	0.0	5.164	0.000	0	0	1	1
595201	PL.14282	B	Consumer	7.50Y	125.0	0.00	0.99	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	125.4	0.00	0.63	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	125.4	0.00	0.63	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	125.4	0.01	0.64	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	125.4	0.00	0.64	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	125.4	0.00	0.65	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	0.65	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	0.65	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	0.65	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	0.65	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	0.65	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	0.65	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	0.65	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	125.4	0.00	0.65	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	125.4	0.00	0.65	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	125.4	0.00	0.64	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	125.7	0.00	0.32	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	125.7	0.00	0.32	4.32	74	29	15	89	0.00	0.0	4.945	0.000	0	0	0	2
PL.18849	PD.2876	A	4ACSR	7.54Y	125.7	0.01	0.33	4.32	4	29	15	89	0.00	0.0	5.009	0.064	0	0	0	2
592208	PL.18849	A	Consumer	7.54Y	125.7	0.00	0.33	0.34	0	2	2	71	0.00	0.0	5.009	0.000	2	2	1	1
592210	PL.18849	A	Consumer	7.54Y	125.7	0.00	0.33	3.99	0	27	13	90	0.00	0.0	5.009	0.000	27	13	1	1
592207	PL.18849	A	Consumer	7.54Y	125.7	0.00	0.33	0.00	0	0	0	100	0.00	0.0	5.009	0.000	0	0	0	0
PL.211	PL.14030	A	6ACWC	7.54Y	125.7	0.01	0.32	2.46	2	16	10	85	0.19	0.1	5.011	0.079	0	0	0	0
		B		7.52Y	125.3	0.12	0.67	32.01	27	192	145	80					0	0	0	70
		C		7.55Y	125.9	-0.02	0.14	2.68	2	17	11	85					0	0	0	1
PL.43725	PL.211	A	2ACSR	7.54Y	125.7	-0.00	0.32	0.00	0	0	0	100	0.00	0.0	5.042	0.032	0	0	0	0
		B		7.52Y	125.3	0.00	0.67	0.00	0	0	0	100					0	0	0	0
		C		7.55Y	125.9	0.00	0.14	0.22	0	2	1	90					0	0	0	1
5923009	PL.43725	C	Consumer	7.55Y	125.9	0.00	0.14	0.22	0	2	1	89	0.00	0.0	5.042	0.000	2	1	1	1
5923010	5923009	C	Consumer	7.55Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	5.042	0.000	0	0	0	0

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

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

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		Units Displayed In Volts														-----Element-----				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	-Base Voltage:120.0-							mi From Src	Length (mi)	KW		Cons		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	On	Thru		
PL.2899	PL.211	A	2ACSR	7.54Y	125.7	0.00	0.33	2.46	2	16	10	85	0.00	0.0	5.038	0.028	0	0	0	0
		B		7.52Y	125.3	0.00	0.67	2.47	2	16	10	85					0	0	0	0
		C		7.55Y	125.9	0.00	0.14	2.46	2	16	10	85					0	0	0	0
592308	PL.2899	A	Consumer	7.54Y	125.7	0.00	0.33	2.46	0	16	10	85	0.00	0.0	5.038	0.000	16	10	0	0
		B		7.52Y	125.3	0.00	0.67	2.47	0	16	10	85					16	10	0	0
		C		7.55Y	125.9	0.00	0.14	2.46	0	16	10	85					16	10	0	0
PL.39059	PL.211	B	2ACSR	7.52Y	125.3	0.00	0.67	14.65	9	87	67	79	0.00	0.0	5.015	0.004	0	0	0	40
PD.6825-A	PL.39059	B	Closed	7.52Y	125.3	0.00	0.67	14.65	0	87	67	79	0.00	0.0	5.015	0.000	0	0	0	40
PD.6825-B	PD.6825-A	B	Closed	7.52Y	125.3	0.00	0.67	14.65	0	87	67	79	0.00	0.0	5.015	0.000	0	0	0	40
PL.39061	PD.6825-B	B	2ACSR	7.52Y	125.3	0.02	0.69	14.65	9	87	67	79	0.01	0.0	5.053	0.038	0	0	0	40
PD.6826	PL.39061	B	25E	7.52Y	125.3	0.00	0.69	14.65	59	87	67	79	0.00	0.0	5.053	0.000	0	0	0	40
PL.39062	PD.6826	B	2ACSR	7.52Y	125.3	0.01	0.70	14.65	9	87	67	79	0.01	0.0	5.068	0.015	0	0	0	40
592409	PL.39062	B	Consumer	7.52Y	125.3	0.00	0.70	0.15	0	1	0	100	0.00	0.0	5.068	0.000	1	0	1	1
592401	PL.39062	B	Consumer	7.52Y	125.3	0.00	0.70	0.33	0	2	2	71	0.00	0.0	5.068	0.000	2	2	1	1
PL.39058	PL.39062	B	2ACSR	7.52Y	125.3	0.02	0.72	14.17	9	84	65	79	0.01	0.0	5.106	0.038	0	0	0	38
PL.39056	PL.39058	B	2ACSR	7.51Y	125.2	0.04	0.76	13.65	9	81	63	79	0.02	0.0	5.186	0.079	0	0	0	37
592507	PL.39056	B	Consumer	7.51Y	125.2	0.00	0.76	0.64	0	4	3	80	0.00	0.0	5.186	0.000	4	3	1	1
592502	PL.39056	B	Consumer	7.51Y	125.2	0.00	0.76	0.25	0	2	1	89	0.00	0.0	5.186	0.000	2	1	1	1
592508	PL.39056	B	Consumer	7.51Y	125.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	5.186	0.000	0	0	0	0
592504	PL.39056	B	Consumer	7.51Y	125.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	5.186	0.000	0	0	0	0
592509	PL.39056	B	Consumer	7.51Y	125.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	5.186	0.000	0	0	0	0
PL.39054	PL.39056	B	2ACSR	7.50Y	125.0	0.22	0.97	12.77	8	76	59	79	0.13	0.2	5.667	0.481	0	0	0	35
PD.6827-A	PL.39054	B	Closed	7.50Y	125.0	0.00	0.97	12.77	0	76	59	79	0.00	0.0	5.667	0.000	0	0	0	35
PD.6827-B	PD.6827-A	B	Closed	7.50Y	125.0	0.00	0.97	12.77	0	76	59	79	0.00	0.0	5.667	0.000	0	0	0	35
PL.39052	PD.6827-B	B	4ACSR	7.49Y	124.9	0.14	1.12	12.77	11	76	59	79	0.10	0.1	5.912	0.245	0	0	0	35
PL.14040	PL.39052	B	4ACSR	7.49Y	124.8	0.09	1.21	12.77	11	76	59	79	0.06	0.1	6.063	0.152	0	0	0	35
PL.33147	PL.14040	B	4ACSR	7.49Y	124.8	0.00	1.21	0.26	0	2	1	89	0.00	0.0	6.072	0.009	0	0	0	1
PD.3967	PL.33147	B	fuse6AMP	7.49Y	124.8	0.00	1.21	0.26	4	2	1	89	0.00	0.0	6.072	0.000	0	0	0	1
PL.33148	PD.3967	B	4ACSR	7.49Y	124.8	0.00	1.21	0.26	0	2	1	89	0.00	0.0	6.129	0.057	0	0	0	1
086913	PL.33148	B	Consumer	7.49Y	124.8	0.00	1.21	0.26	0	2	1	89	0.00	0.0	6.129	0.000	2	1	1	1
PL.14041	PL.14040	B	4ACSR	7.46Y	124.3	0.49	1.69	12.51	11	74	57	79	0.32	0.4	6.906	0.843	0	0	0	34
PL.40405	PL.14041	B	2ACSR	7.46Y	124.3	0.00	1.69	0.00	0	0	0	100	0.00	0.0	6.963	0.057	0	0	0	0
0869022	PL.40405	B	Consumer	7.46Y	124.3	0.00	1.69	0.00	0	0	0	100	0.00	0.0	6.963	0.000	0	0	0	0
PL.43129	PL.14041	B	2ACSR	7.46Y	124.3	0.02	1.72	12.51	8	74	57	79	0.01	0.0	6.963	0.056	0	0	0	34
PD.8575-A	PL.43129	B	Closed	7.46Y	124.3	0.00	1.72	12.51	0	74	57	79	0.00	0.0	6.963	0.000	0	0	0	34
PD.8575-B	PD.8575-A	B	Closed	7.46Y	124.3	0.00	1.72	12.51	0	74	57	79	0.00	0.0	6.963	0.000	0	0	0	34
PL.43130	PD.8575-B	B	2ACSR	7.46Y	124.3	0.02	1.74	12.51	8	74	57	79	0.01	0.0	7.006	0.043	0	0	0	34
PL.40404	PL.43130	B	2ACSR	7.45Y	124.2	0.07	1.81	11.20	7	66	51	79	0.04	0.1	7.195	0.189	0	0	0	33
PL.40402	PL.40404	B	4ACSR	7.45Y	124.1	0.06	1.88	11.20	9	66	51	79	0.04	0.1	7.317	0.122	0	0	0	33
PL.14043	PL.40402	B	4ACSR	7.45Y	124.1	0.03	1.90	7.27	6	42	34	78	0.01	0.0	7.399	0.081	0	0	0	29

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\EXISTING JUL05 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.33960	PL.14043	B	4ACSR	7.44Y	124.1	0.01	1.92	7.27	6	42	34	78	0.01	0.0	7.443	0.045	0	0	0	29		
0869020	PL.33960	B	Consumer	7.44Y	124.1	0.00	1.92	0.42	0	2	2	71	0.00	0.0	7.443	0.000	2	2	1	1		
PL.33961	PL.33960	B	4ACSR	7.44Y	124.1	0.01	1.92	6.85	6	39	32	77	0.00	0.0	7.462	0.019	0	0	0	28		
PL.8335	PL.33961	B	4ACSR	7.44Y	124.1	0.01	1.94	6.85	6	39	32	77	0.00	0.0	7.501	0.039	0	0	0	28		
086916	PL.8335	B	Consumer	7.44Y	124.1	0.00	1.94	0.20	0	1	1	71	0.00	0.0	7.501	0.000	1	1	1	1		
PL.8336	PL.8335	B	4ACSR	7.44Y	124.1	0.01	1.95	6.64	6	38	31	77	0.00	0.0	7.532	0.031	0	0	0	27		
096216	PL.8336	B	Consumer	7.44Y	124.1	0.00	1.95	0.10	0	1	0	100	0.00	0.0	7.532	0.000	1	0	1	1		
096238	PL.8336	B	Consumer	7.44Y	124.1	0.00	1.95	0.38	0	2	2	71	0.00	0.0	7.532	0.000	2	2	1	1		
PL.20152	PL.8336	B	4ACSR	7.44Y	124.0	0.01	1.96	6.17	5	36	29	78	0.00	0.0	7.582	0.050	0	0	0	25		
PL.20153	PL.20152	B	4ACSR	7.44Y	124.0	0.01	1.97	5.91	5	34	28	77	0.00	0.0	7.635	0.052	0	0	0	24		
PL.19178	PL.20153	B	4ACSR	7.44Y	124.0	0.05	2.02	4.80	4	28	23	77	0.01	0.0	7.841	0.206	0	0	0	21		
096221	PL.19178	B	Consumer	7.44Y	124.0	0.00	2.02	0.57	0	3	3	71	0.00	0.0	7.841	0.000	3	3	1	1		
PL.19179	PL.19178	B	4ACSR	7.44Y	124.0	0.02	2.04	4.23	4	25	20	78	0.00	0.0	7.923	0.083	0	0	0	20		
PL.14044	PL.19179	B	4ACSR	7.44Y	124.0	0.01	2.04	3.47	3	20	16	78	0.00	0.0	7.970	0.047	0	0	0	16		
096203	PL.14044	B	Consumer	7.44Y	124.0	0.00	2.04	0.00	0	0	0	100	0.00	0.0	7.970	0.000	0	0	1	1		
PL.14045	PL.14044	B	4ACSR	7.44Y	124.0	0.00	2.05	3.47	3	20	16	78	0.00	0.0	7.996	0.026	0	0	0	15		
PL.14046	PL.14045	B	4ACSR	7.44Y	123.9	0.01	2.06	3.47	3	20	16	78	0.00	0.0	8.040	0.044	0	0	0	15		
PL.14047	PL.14046	B	4ACSR	7.44Y	123.9	0.01	2.06	3.07	3	18	14	79	0.00	0.0	8.100	0.060	0	0	0	13		
PL.14048	PL.14047	B	4ACSR	7.44Y	123.9	0.00	2.06	2.74	2	16	13	78	0.00	0.0	8.111	0.011	0	0	0	12		
PL.19228	PL.14048	B	4ACSR	7.44Y	123.9	0.00	2.07	1.53	1	9	7	79	0.00	0.0	8.162	0.051	0	0	0	8		
096205	PL.19228	B	Consumer	7.44Y	123.9	0.00	2.07	0.26	0	1	1	71	0.00	0.0	8.162	0.000	1	1	1	1		
096230	PL.19228	B	Consumer	7.44Y	123.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	8.162	0.000	0	0	0	0		
096229	PL.19228	B	Consumer	7.44Y	123.9	0.00	2.07	0.09	0	0	0	100	0.00	0.0	8.162	0.000	0	0	1	1		
PL.19229	PL.19228	B	4ACSR	7.44Y	123.9	0.01	2.07	1.18	1	7	6	76	0.00	0.0	8.255	0.092	0	0	0	6		
096215	PL.19229	B	Consumer	7.44Y	123.9	0.00	2.07	0.70	0	4	3	80	0.00	0.0	8.255	0.000	4	3	1	1		
PL.19651	PL.19229	B	4ACSR	7.44Y	123.9	0.00	2.08	0.48	0	3	2	83	0.00	0.0	8.373	0.118	0	0	0	5		
PL.19652	PL.19651	B	4ACSR	7.44Y	123.9	0.00	2.08	0.44	0	3	2	83	0.00	0.0	8.436	0.063	0	0	0	4		
PL.5326	PL.19652	B	4ACSR	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	8.466	0.030	0	0	0	0		
096235	PL.19652	B	Consumer	7.44Y	123.9	0.00	2.08	0.01	0	0	0	100	0.00	0.0	8.436	0.000	0	0	1	1		
095201	PL.19652	B	Consumer	7.44Y	123.9	0.00	2.08	0.04	0	0	0	100	0.00	0.0	8.436	0.000	0	0	1	1		
096220	PL.19652	B	Consumer	7.44Y	123.9	0.00	2.08	0.04	0	0	0	100	0.00	0.0	8.436	0.000	0	0	1	1		
096218	PL.19652	B	Consumer	7.44Y	123.9	0.00	2.08	0.35	0	2	2	71	0.00	0.0	8.436	0.000	2	2	1	1		
0962046	PL.19651	B	Consumer	7.44Y	123.9	0.00	2.08	0.04	0	0	0	100	0.00	0.0	8.373	0.000	0	0	1	1		
PL.35689	PL.14048	B	4ACSR	7.44Y	123.9	0.00	2.07	1.21	1	7	5	81	0.00	0.0	8.117	0.006	0	0	0	4		
PD.5258	PL.35689	B	fuse6AMP	7.44Y	123.9	0.00	2.07	1.21	21	7	5	81	0.00	0.0	8.117	0.000	0	0	0	4		
PL.35690	PD.5258	B	4ACSR	7.44Y	123.9	0.00	2.07	1.21	1	7	5	81	0.00	0.0	8.201	0.084	0	0	0	4		
096204	PL.35690	B	Consumer	7.44Y	123.9	0.00	2.07	0.43	0	2	2	71	0.00	0.0	8.201	0.000	2	2	1	1		
096219	PL.35690	B	Consumer	7.44Y	123.9	0.00	2.07	0.47	0	3	2	83	0.00	0.0	8.201	0.000	3	2	1	1		

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss		Length (mi)	KW			KVAR	
PL.5323	PL.35690	B	4ACSR	7.44Y	123.9	0.00	2.07	0.33	0	2	1	89	0.00	0.0	8.257	0.056	0	0	0	2
PL.5324	PL.5323	B	4ACSR	7.44Y	123.9	0.00	2.07	0.33	0	2	1	89	0.00	0.0	8.336	0.079	0	0	0	2
PL.5327	PL.5324	B	4ACSR	7.44Y	123.9	0.00	2.07	0.10	0	1	0	100	0.00	0.0	8.374	0.038	0	0	0	1
096243	PL.5327	B	Consumer	7.44Y	123.9	0.00	2.07	0.10	0	1	0	100	0.00	0.0	8.374	0.000	1	0	1	1
096233	PL.5324	B	Consumer	7.44Y	123.9	0.00	2.07	0.23	0	2	1	89	0.00	0.0	8.336	0.000	2	1	1	1
096237	PL.14047	B	Consumer	7.44Y	123.9	0.00	2.06	0.32	0	2	2	71	0.00	0.0	8.100	0.000	2	2	1	1
PL.35687	PL.14046	B	4ACSR	7.44Y	123.9	0.00	2.06	0.41	0	2	2	71	0.00	0.0	8.050	0.010	0	0	0	2
PD.5257	PL.35687	B	fuse6AMP	7.44Y	123.9	0.00	2.06	0.41	7	2	2	71	0.00	0.0	8.050	0.000	0	0	0	2
PL.35688	PD.5257	B	4ACSR	7.44Y	123.9	0.00	2.06	0.41	0	2	2	71	0.00	0.0	8.083	0.033	0	0	0	2
096227	PL.35688	B	Consumer	7.44Y	123.9	0.00	2.06	0.13	0	1	1	71	0.00	0.0	8.083	0.000	1	1	1	1
096228	PL.35688	B	Consumer	7.44Y	123.9	0.00	2.06	0.28	0	2	1	89	0.00	0.0	8.083	0.000	2	1	1	1
PL.35683	PL.19179	B	4ACSR	7.44Y	124.0	0.00	2.04	0.37	0	2	2	71	0.00	0.0	7.936	0.013	0	0	0	3
PD.5255	PL.35683	B	fuse6AMP	7.44Y	124.0	0.00	2.04	0.37	6	2	2	71	0.00	0.0	7.936	0.000	0	0	0	3
PL.35684	PD.5255	B	4ACSR	7.44Y	124.0	0.00	2.04	0.37	0	2	2	71	0.00	0.0	7.990	0.055	0	0	0	3
096244	PL.35684	B	Consumer	7.44Y	124.0	0.00	2.04	0.02	0	0	0	100	0.00	0.0	7.990	0.000	0	0	1	1
096208	PL.35684	B	Consumer	7.44Y	124.0	0.00	2.04	0.26	0	1	1	71	0.00	0.0	7.990	0.000	1	1	1	1
096239	PL.35684	B	Consumer	7.44Y	124.0	0.00	2.04	0.00	0	0	0	100	0.00	0.0	7.990	0.000	0	0	0	0
096217	PL.35684	B	Consumer	7.44Y	124.0	0.00	2.04	0.09	0	1	0	100	0.00	0.0	7.990	0.000	1	0	1	1
096201	PL.19179	B	Consumer	7.44Y	124.0	0.00	2.04	0.39	0	2	2	71	0.00	0.0	7.923	0.000	2	2	1	1
PL.35681	PL.20153	B	4ACSR	7.44Y	124.0	0.00	1.97	1.11	1	6	5	77	0.00	0.0	7.642	0.007	0	0	0	3
PD.5254	PL.35681	B	fuse6AMP	7.44Y	124.0	0.00	1.97	1.11	19	6	5	77	0.00	0.0	7.642	0.000	0	0	0	3
PL.35682	PD.5254	B	4ACSR	7.44Y	124.0	0.00	1.98	1.11	1	6	5	77	0.00	0.0	7.677	0.035	0	0	0	3
PL.19571	PL.35682	B	4ACSR	7.44Y	124.0	0.00	1.98	0.76	1	4	4	71	0.00	0.0	7.704	0.028	0	0	0	2
096242	PL.19571	B	Consumer	7.44Y	124.0	0.00	1.98	0.40	0	2	2	71	0.00	0.0	7.704	0.000	2	2	1	1
096224	PL.19571	B	Consumer	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	7.704	0.000	0	0	0	0
096241	PL.19571	B	Consumer	7.44Y	124.0	0.00	1.98	0.35	0	2	2	71	0.00	0.0	7.704	0.000	2	2	1	1
096225	PL.19571	B	Consumer	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	7.704	0.000	0	0	0	0
096223	PL.35682	B	Consumer	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	7.677	0.000	0	0	0	0
096234	PL.35682	B	Consumer	7.44Y	124.0	0.00	1.98	0.35	0	2	2	71	0.00	0.0	7.677	0.000	2	2	1	1
096222	PL.20152	B	Consumer	7.44Y	124.0	0.00	1.96	0.25	0	1	1	71	0.00	0.0	7.582	0.000	1	1	1	1
PL.35679	PL.40402	B	4ACSR	7.45Y	124.1	0.00	1.88	2.35	2	15	9	86	0.00	0.0	7.336	0.019	0	0	0	2
PD.5253	PL.35679	B	fuse6AMP	7.45Y	124.1	0.00	1.88	2.35	40	15	9	86	0.00	0.0	7.336	0.000	0	0	0	2
PL.35680	PD.5253	B	4ACSR	7.45Y	124.1	0.00	1.88	2.35	2	15	9	86	0.00	0.0	7.366	0.030	0	0	0	2
086919	PL.35680	B	Consumer	7.45Y	124.1	0.00	1.88	0.67	0	4	3	80	0.00	0.0	7.366	0.000	4	3	1	1
PL.25274	PL.35680	B	4ACSR	7.45Y	124.1	0.00	1.88	1.70	1	11	6	88	0.00	0.0	7.367	0.000	0	0	0	1
PL.5238	PL.25274	B	4ACSR	7.45Y	124.1	0.01	1.89	1.70	1	11	6	88	0.00	0.0	7.435	0.068	0	0	0	1
086918	PL.5238	B	Consumer	7.45Y	124.1	0.00	1.89	1.70	0	11	6	88	0.00	0.0	7.435	0.000	11	6	1	1
086917	PL.40402	B	Consumer	7.45Y	124.1	0.00	1.88	1.05	0	6	5	77	0.00	0.0	7.317	0.000	6	5	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\EXISTING JUL05 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
086910	PL.40402	B	Consumer	7.45Y	124.1	0.00	1.88	0.56	0	3	3	71	0.00	0.0	7.317	0.000	3	3	1	1
086914	PL.43130	B	Consumer	7.46Y	124.3	0.00	1.74	1.31	0	7	6	76	0.00	0.0	7.006	0.000	7	6	1	1
592408	PL.39058	B	Consumer	7.52Y	125.3	0.00	0.72	0.00	0	0	0	100	0.00	0.0	5.106	0.000	0	0	0	0
592405	PL.39058	B	Consumer	7.52Y	125.3	0.00	0.72	0.51	0	3	2	83	0.00	0.0	5.106	0.000	3	2	1	1
PL.26854	PL.211	B	4ACSR	7.52Y	125.3	0.00	0.68	14.91	13	89	68	79	0.00	0.0	5.018	0.007	0	0	0	30
PD.6889	PL.26854	B	25L	7.52Y	125.3	0.00	0.68	14.91	60	89	68	79	0.00	0.0	5.018	0.000	0	0	0	30
PL.26855	PD.6889	B	4ACSR	7.52Y	125.3	0.07	0.74	14.91	13	89	68	79	0.05	0.1	5.114	0.096	0	0	0	30
PL.7564	PL.26855	B	4ACSR	7.51Y	125.2	0.01	0.75	4.35	4	28	16	87	0.00	0.0	5.166	0.052	0	0	0	5
591303	PL.7564	B	Consumer	7.51Y	125.2	0.00	0.75	3.04	0	21	10	90	0.00	0.0	5.166	0.000	21	10	1	1
PL.39141	PL.7564	B	4ACSR	7.51Y	125.2	0.00	0.76	1.34	1	8	6	80	0.00	0.0	5.196	0.030	0	0	0	4
591302	PL.39141	B	Consumer	7.51Y	125.2	0.00	0.76	0.34	0	2	2	71	0.00	0.0	5.196	0.000	2	2	1	1
5913005	PL.39141	B	Consumer	7.51Y	125.2	0.00	0.76	0.19	0	1	1	71	0.00	0.0	5.196	0.000	1	1	1	1
PL.39142	PL.39141	B	4ACSR	7.51Y	125.2	0.00	0.76	0.81	1	5	4	78	0.00	0.0	5.209	0.013	0	0	0	2
PL.6852	PL.39142	B	4ACSR	7.51Y	125.2	0.00	0.76	0.81	1	5	4	78	0.00	0.0	5.228	0.019	0	0	0	2
590201	PL.6852	B	Consumer	7.51Y	125.2	0.00	0.76	0.57	0	3	3	71	0.00	0.0	5.228	0.000	3	3	1	1
590202	PL.6852	B	Consumer	7.51Y	125.2	0.00	0.76	0.24	0	1	1	71	0.00	0.0	5.228	0.000	1	1	1	1
PL.14031	PL.26855	B	4ACSR	7.51Y	125.2	0.06	0.81	9.17	8	53	44	77	0.03	0.1	5.268	0.154	0	0	0	23
590405	PL.14031	B	Consumer	7.51Y	125.2	0.00	0.81	0.38	0	2	2	71	0.00	0.0	5.268	0.000	2	2	1	1
590408	PL.14031	B	Consumer	7.51Y	125.2	0.00	0.81	0.84	0	5	4	78	0.00	0.0	5.268	0.000	5	4	1	1
PL.14032	PL.14031	B	4ACSR	7.51Y	125.2	0.02	0.83	7.95	7	46	38	77	0.01	0.0	5.326	0.058	0	0	0	21
PL.14033	PL.14032	B	4ACSR	7.51Y	125.2	0.02	0.85	7.42	6	43	36	77	0.01	0.0	5.380	0.055	0	0	0	19
PL.14036	PL.14033	B	4ACSR	7.51Y	125.1	0.02	0.86	7.42	6	43	36	77	0.01	0.0	5.427	0.047	0	0	0	19
PL.25271	PL.14036	B	4ACSR	7.51Y	125.1	0.00	0.87	1.91	2	11	9	77	0.00	0.0	5.452	0.024	0	0	0	4
PL.25272	PL.25271	B	4ACSR	7.51Y	125.1	0.00	0.87	0.85	1	5	4	78	0.00	0.0	5.490	0.038	0	0	0	2
PL.14038	PL.25272	B	4ACSR	7.51Y	125.1	0.00	0.87	0.85	1	5	4	78	0.00	0.0	5.503	0.013	0	0	0	2
PL.2901	PL.14038	B	4ACSR	7.51Y	125.1	0.00	0.87	0.78	1	4	4	71	0.00	0.0	5.541	0.038	0	0	0	1
085815	PL.2901	B	Consumer	7.51Y	125.1	0.00	0.87	0.78	0	4	4	71	0.00	0.0	5.541	0.000	4	4	1	1
PL.14039	PL.14038	B	4ACSR	7.51Y	125.1	0.00	0.87	0.07	0	0	0	100	0.00	0.0	5.602	0.099	0	0	0	1
590501	PL.14039	B	Consumer	7.51Y	125.1	0.00	0.87	0.07	0	0	0	100	0.00	0.0	5.602	0.000	0	0	1	1
085813	PL.25271	B	Consumer	7.51Y	125.1	0.00	0.87	0.55	0	3	3	71	0.00	0.0	5.452	0.000	3	3	1	1
085812	PL.25271	B	Consumer	7.51Y	125.1	0.00	0.87	0.51	0	3	2	83	0.00	0.0	5.452	0.000	3	2	1	1
PL.14037	PL.14036	B	4ACSR	7.51Y	125.1	0.01	0.87	5.13	4	29	25	76	0.00	0.0	5.477	0.049	0	0	0	14
085808	PL.14037	B	Consumer	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	5.477	0.000	0	0	0	0
085809	PL.14037	B	Consumer	7.51Y	125.1	0.00	0.87	0.43	0	2	2	71	0.00	0.0	5.477	0.000	2	2	1	1
590410	PL.14037	B	Consumer	7.51Y	125.1	0.00	0.87	0.63	0	4	3	80	0.00	0.0	5.477	0.000	4	3	1	1
085814	PL.14037	B	Consumer	7.51Y	125.1	0.00	0.87	0.51	0	3	2	83	0.00	0.0	5.477	0.000	3	2	1	1
085807	PL.14037	B	Consumer	7.51Y	125.1	0.00	0.87	0.34	0	2	2	71	0.00	0.0	5.477	0.000	2	2	1	1
PL.25270	PL.14037	B	4ACSR	7.51Y	125.1	0.00	0.88	3.22	3	19	16	76	0.00	0.0	5.506	0.030	0	0	0	10

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----				
							-Base Voltage:120.0-											Length (mi)	KW	KVAR	Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	kW Loss	% Loss									
PL.7566	PL.25270	B	4ACSR	7.51Y	125.1	0.00	0.88	3.22	3	19	16	76	0.00	0.0	5.535	0.029	0	0	0	10		
PL.14034	PL.7566	B	4ACSR	7.51Y	125.1	0.01	0.89	2.84	2	16	14	75	0.00	0.0	5.585	0.050	0	0	0	8		
PL.14035	PL.14034	B	4ACSR	7.51Y	125.1	0.00	0.89	1.75	1	10	8	78	0.00	0.0	5.615	0.030	0	0	0	5		
PL.19311	PL.14035	B	4ACSR	7.51Y	125.1	0.00	0.89	1.75	1	10	8	78	0.00	0.0	5.635	0.020	0	0	0	5		
PL.27938	PL.19311	B	4ACSR	7.51Y	125.1	0.00	0.90	1.42	1	8	7	75	0.00	0.0	5.653	0.018	0	0	0	4		
PL.20481	PL.27938	B	4ACSR	7.51Y	125.1	0.00	0.90	1.42	1	8	7	75	0.00	0.0	5.688	0.035	0	0	0	4		
PL.20482	PL.20481	B	4ACSR	7.51Y	125.1	0.00	0.90	0.54	0	3	3	71	0.00	0.0	5.717	0.030	0	0	0	2		
590302	PL.20482	B	Consumer	7.51Y	125.1	0.00	0.90	0.28	0	2	1	89	0.00	0.0	5.717	0.000	2	1	1	1		
590303	PL.20482	B	Consumer	7.51Y	125.1	0.00	0.90	0.26	0	2	1	89	0.00	0.0	5.717	0.000	2	1	1	1		
590304	PL.20481	B	Consumer	7.51Y	125.1	0.00	0.90	0.43	0	2	2	71	0.00	0.0	5.688	0.000	2	2	1	1		
590301	PL.20481	B	Consumer	7.51Y	125.1	0.00	0.90	0.45	0	3	2	83	0.00	0.0	5.688	0.000	3	2	1	1		
085810	PL.19311	B	Consumer	7.51Y	125.1	0.00	0.89	0.33	0	2	2	71	0.00	0.0	5.635	0.000	2	2	1	1		
590403	PL.14034	B	Consumer	7.51Y	125.1	0.00	0.89	0.24	0	1	1	71	0.00	0.0	5.585	0.000	1	1	1	1		
590401	PL.14034	B	Consumer	7.51Y	125.1	0.00	0.89	0.25	0	1	1	71	0.00	0.0	5.585	0.000	1	1	1	1		
590411	PL.14034	B	Consumer	7.51Y	125.1	0.00	0.89	0.61	0	3	3	71	0.00	0.0	5.585	0.000	3	3	1	1		
590409	PL.7566	B	Consumer	7.51Y	125.1	0.00	0.88	0.24	0	1	1	71	0.00	0.0	5.535	0.000	1	1	1	1		
590402	PL.7566	B	Consumer	7.51Y	125.1	0.00	0.88	0.15	0	1	1	71	0.00	0.0	5.535	0.000	1	1	1	1		
085811	PL.14036	B	Consumer	7.51Y	125.1	0.00	0.86	0.39	0	2	2	71	0.00	0.0	5.427	0.000	2	2	1	1		
590407	PL.14032	B	Consumer	7.51Y	125.2	0.00	0.83	0.05	0	0	0	100	0.00	0.0	5.326	0.000	0	0	1	1		
590404	PL.14032	B	Consumer	7.51Y	125.2	0.00	0.83	0.48	0	3	2	83	0.00	0.0	5.326	0.000	3	2	1	1		
591301	PL.26855	B	Consumer	7.52Y	125.3	0.00	0.74	0.43	0	2	2	71	0.00	0.0	5.114	0.000	2	2	1	1		
591304	PL.26855	B	Consumer	7.52Y	125.3	0.00	0.74	1.00	0	6	5	77	0.00	0.0	5.114	0.000	6	5	1	1		
592301	PL.14030	C	Consumer	7.55Y	125.8	0.00	0.15	0.16	0	1	1	71	0.00	0.0	4.932	0.000	1	1	1	1		
PL.2900	PL.14029	B	4ACSR	7.54Y	125.7	0.00	0.28	0.91	1	6	3	89	0.00	0.0	4.870	0.019	0	0	0	1		
591202	PL.2900	B	Consumer	7.54Y	125.7	0.00	0.28	0.91	0	6	3	89	0.00	0.0	4.870	0.000	6	3	1	1		
L 590101	PL.25097	B	Consumer	7.06Y	117.7	0.00	8.27	0.00	0	0	0	100	0.00	0.0	4.665	0.000	0	0	0	0 L		
085805	PL.14028	B	Consumer	7.08Y	118.0	0.00	7.98	0.30	0	2	1	89	0.00	0.0	4.586	0.000	2	1	1	1		
PL.26852	PL.14026	B	4ACSR	7.11Y	118.5	0.00	7.48	0.42	0	2	2	71	0.00	0.0	4.463	0.011	0	0	0	2		
PD.2053	PL.26852	B	fuse6AMP	7.11Y	118.5	0.00	7.48	0.42	7	2	2	71	0.00	0.0	4.463	0.000	0	0	0	2		
PL.26853	PD.2053	B	4ACSR	7.11Y	118.5	0.00	7.48	0.42	0	2	2	71	0.00	0.0	4.573	0.110	0	0	0	2		
085714	PL.26853	B	Consumer	7.11Y	118.5	0.00	7.48	0.01	0	0	0	100	0.00	0.0	4.573	0.000	0	0	1	1		
085705	PL.26853	B	Consumer	7.11Y	118.5	0.00	7.48	0.41	0	2	2	71	0.00	0.0	4.573	0.000	2	2	1	1		
568501	PL.7515	A	Consumer	7.43Y	123.8	0.00	2.23	0.04	0	0	0	100	0.00	0.0	3.257	0.000	0	0	1	1		
567501	PL.7515	B	Consumer	7.20Y	120.0	0.00	5.96	0.00	0	0	0	100	0.00	0.0	3.257	0.000	0	0	0	0		
567503	PL.7515	B	Consumer	7.20Y	120.0	0.00	5.96	0.29	0	2	1	89	0.00	0.0	3.257	0.000	2	1	1	1		
568401	PL.26609	B	Consumer	7.20Y	120.1	0.00	5.92	0.17	0	1	1	71	0.00	0.0	3.223	0.000	1	1	1	1		
567403	PL.26609	B	Consumer	7.20Y	120.1	0.00	5.92	0.27	0	2	1	89	0.00	0.0	3.223	0.000	2	1	1	1		
567504	PL.26609	B	Consumer	7.20Y	120.1	0.00	5.92	0.17	0	1	1	71	0.00	0.0	3.223	0.000	1	1	1	1		

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
568402	PL.26609	B	Consumer	7.20Y	120.1	0.00	5.92	0.00	0	0	0	100	0.00	0.0	3.223	0.000	0	0	0	0
PL.20403	PL.8343	C	4ACSR	7.46Y	124.3	0.01	1.66	20.36	17	119	94	78	0.01	0.0	3.097	0.005	0	0	0	58
PD.3719	PL.20403	C	35V4E	7.46Y	124.3	0.00	1.66	20.36	58	119	94	78	0.00	0.0	3.097	0.000	0	0	0	58
PL.20404	PD.3719	C	4ACSR	7.45Y	124.2	0.14	1.79	20.36	17	119	94	78	0.14	0.1	3.242	0.145	0	0	0	58
PL.20058	PL.20404	C	4ACSR	7.45Y	124.1	0.07	1.86	19.96	17	117	92	79	0.07	0.1	3.318	0.075	0	0	0	57
566601	PL.20058	C	Consumer	7.45Y	124.1	0.00	1.86	0.42	0	2	2	71	0.00	0.0	3.318	0.000	2	2	1	1
566602	PL.20058	C	Consumer	7.45Y	124.1	0.00	1.86	0.62	0	4	3	80	0.00	0.0	3.318	0.000	4	3	1	1
566603	PL.20058	C	Consumer	7.45Y	124.1	0.00	1.86	0.28	0	2	1	89	0.00	0.0	3.318	0.000	2	1	1	1
567601	PL.20058	C	Consumer	7.45Y	124.1	0.00	1.86	0.37	0	2	2	71	0.00	0.0	3.318	0.000	2	2	1	1
567607	PL.20058	C	Consumer	7.45Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	3.318	0.000	0	0	0	0
PL.26610	PL.20058	C	4ACSR	7.45Y	124.1	0.04	1.91	18.26	15	107	84	79	0.04	0.0	3.371	0.053	0	0	0	53
PL.39788	PL.26610	C	4ACSR	7.44Y	124.1	0.03	1.94	16.27	14	95	76	78	0.03	0.0	3.411	0.040	0	0	0	46
PL.39790	PL.39788	C	2ACSR	7.44Y	124.1	0.00	1.94	0.43	0	2	2	71	0.00	0.0	3.416	0.005	0	0	0	1
PD.7104	PL.39790	C	fuse6AMP	7.44Y	124.1	0.00	1.94	0.43	7	2	2	71	0.00	0.0	3.416	0.000	0	0	0	1
PL.39791	PD.7104	C	2ACSR	7.44Y	124.1	0.00	1.94	0.43	0	2	2	71	0.00	0.0	3.545	0.129	0	0	0	1
5667001	PL.39791	C	Consumer	7.44Y	124.1	0.00	1.94	0.43	0	2	2	71	0.00	0.0	3.545	0.000	2	2	1	1
PL.39789	PL.39788	C	4ACSR	7.44Y	124.0	0.02	1.96	15.85	13	92	74	78	0.02	0.0	3.438	0.027	0	0	0	45
PL.7511	PL.39789	C	4ACSR	7.44Y	124.0	0.00	1.96	15.06	13	87	70	78	0.00	0.0	3.444	0.005	0	0	0	41
PL.7512	PL.7511	C	4ACSR	7.44Y	124.0	0.04	2.01	12.42	10	72	58	78	0.03	0.0	3.519	0.076	0	0	0	36
567712	PL.7512	C	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	3.519	0.000	0	0	1	1
567708	PL.7512	C	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	3.519	0.000	0	0	0	0
567703	PL.7512	C	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	3.519	0.000	0	0	0	0
567716	PL.7512	C	Consumer	7.44Y	124.0	0.00	2.01	0.58	0	3	3	71	0.00	0.0	3.519	0.000	3	3	1	1
567709	PL.7512	C	Consumer	7.44Y	124.0	0.00	2.01	0.50	0	3	2	83	0.00	0.0	3.519	0.000	3	2	1	1
567719	PL.7512	C	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	3.519	0.000	0	0	0	0
567707	PL.7512	C	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	3.519	0.000	0	0	0	0
567711	PL.7512	C	Consumer	7.44Y	124.0	0.00	2.01	0.17	0	1	1	71	0.00	0.0	3.519	0.000	1	1	1	1
567721	PL.7512	C	Consumer	7.44Y	124.0	0.00	2.01	0.40	0	2	2	71	0.00	0.0	3.519	0.000	2	2	1	1
PL.7517	PL.7512	C	4ACSR	7.44Y	124.0	0.03	2.04	10.79	9	63	50	78	0.02	0.0	3.580	0.061	0	0	0	31
PL.7518	PL.7517	C	4ACSR	7.43Y	123.9	0.07	2.10	9.56	8	56	44	79	0.03	0.1	3.728	0.148	0	0	0	27
567905	PL.7518	C	Consumer	7.43Y	123.9	0.00	2.10	0.00	0	0	0	100	0.00	0.0	3.728	0.000	0	0	0	0
567907	PL.7518	C	Consumer	7.43Y	123.9	0.00	2.10	0.36	0	2	2	71	0.00	0.0	3.728	0.000	2	2	1	1
567908	PL.7518	C	Consumer	7.43Y	123.9	0.00	2.10	0.16	0	1	1	71	0.00	0.0	3.728	0.000	1	1	1	1
PL.7513	PL.7518	C	4ACSR	7.43Y	123.8	0.08	2.18	9.05	8	53	42	78	0.04	0.1	3.916	0.188	0	0	0	25
PL.18207	PL.7513	C	4ACSR	7.43Y	123.8	0.00	2.18	6.26	5	36	30	77	0.00	0.0	3.927	0.011	0	0	0	19
PD.28-A	PL.18207	C	Closed	7.43Y	123.8	0.00	2.18	6.26	0	36	30	77	0.00	0.0	3.927	0.000	0	0	0	19
PD.28-B	PD.28-A	C	Closed	7.43Y	123.8	0.00	2.18	6.26	0	36	30	77	0.00	0.0	3.927	0.000	0	0	0	19
PL.18208	PD.28-B	C	4ACSR	7.43Y	123.8	0.00	2.19	6.26	5	36	30	77	0.00	0.0	3.944	0.017	0	0	0	19

Unbalanced Voltage Drop Report
Source: BOWEN

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	Length (mi)	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF					kW Loss	KW		
084802	PL.18208	C	Consumer	7.43Y	123.8	0.00	2.19	0.57	0	3	3	71	0.00	0.0	3.944	0.000	3	3	1	1
084846	PL.18208	C	Consumer	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	3.944	0.000	0	0	0	0
PL.8313	PL.18208	C	4ACSR	7.43Y	123.8	0.03	2.22	5.69	5	32	27	76	0.01	0.0	4.047	0.103	0	0	0	18
PL.19874	PL.8313	C	4ACSR	7.42Y	123.7	0.05	2.26	5.69	5	32	27	76	0.01	0.0	4.225	0.178	0	0	0	18
PL.19875	PL.19874	C	4ACSR	7.42Y	123.7	0.01	2.27	5.65	5	32	27	76	0.00	0.0	4.249	0.024	0	0	0	17
PL.26613	PL.19875	C	4ACSR	7.42Y	123.7	0.01	2.27	5.28	4	30	25	77	0.00	0.0	4.270	0.021	0	0	0	16
PL.19643	PL.26613	C	4ACSR	7.42Y	123.7	0.02	2.29	4.84	4	28	23	77	0.01	0.0	4.365	0.095	0	0	0	15
PL.19644	PL.19643	C	4ACSR	7.42Y	123.7	0.01	2.30	4.84	4	28	23	77	0.00	0.0	4.391	0.027	0	0	0	15
PL.26614	PL.19644	C	4ACSR	7.42Y	123.7	0.02	2.32	4.84	4	28	23	77	0.00	0.0	4.473	0.081	0	0	0	15
PL.26615	PL.26614	C	4ACSR	7.42Y	123.7	0.03	2.34	4.53	4	26	22	76	0.01	0.0	4.597	0.124	0	0	0	14
PL.26616	PL.26615	C	4ACSR	7.42Y	123.7	0.00	2.35	4.53	4	26	22	76	0.00	0.0	4.619	0.023	0	0	0	14
PL.26617	PL.26616	C	4ACSR	7.42Y	123.6	0.01	2.36	4.53	4	26	22	76	0.00	0.0	4.688	0.069	0	0	0	13
084806	PL.26617	C	Consumer	7.42Y	123.6	0.00	2.36	0.31	0	2	1	89	0.00	0.0	4.688	0.000	2	1	1	1
084821	PL.26617	C	Consumer	7.42Y	123.6	0.00	2.36	0.26	0	1	1	71	0.00	0.0	4.688	0.000	1	1	1	1
084844	PL.26617	C	Consumer	7.42Y	123.6	0.00	2.36	0.32	0	2	2	71	0.00	0.0	4.688	0.000	2	2	1	1
084832	PL.26617	C	Consumer	7.42Y	123.6	0.00	2.36	0.61	0	3	3	71	0.00	0.0	4.688	0.000	3	3	1	1
084823	PL.26617	C	Consumer	7.42Y	123.6	0.00	2.36	0.00	0	0	0	100	0.00	0.0	4.688	0.000	0	0	0	0
PL.8310	PL.26617	C	4ACSR	7.42Y	123.6	0.01	2.37	3.03	3	17	14	77	0.00	0.0	4.773	0.085	0	0	0	9
084852	PL.8310	C	Consumer	7.42Y	123.6	0.00	2.37	0.26	0	1	1	71	0.00	0.0	4.773	0.000	1	1	1	1
084833	PL.8310	C	Consumer	7.42Y	123.6	0.00	2.37	0.34	0	2	2	71	0.00	0.0	4.773	0.000	2	2	1	1
084840	PL.8310	C	Consumer	7.42Y	123.6	0.00	2.37	0.35	0	2	2	71	0.00	0.0	4.773	0.000	2	2	1	1
084838	PL.8310	C	Consumer	7.42Y	123.6	0.00	2.37	0.00	0	0	0	100	0.00	0.0	4.773	0.000	0	0	0	0
PL.39664	PL.8310	C	4ACSR	7.42Y	123.6	0.00	2.38	2.08	2	12	10	77	0.00	0.0	4.794	0.021	0	0	0	6
PL.39665	PL.39664	C	4ACSR	7.42Y	123.6	0.01	2.38	2.00	2	11	10	74	0.00	0.0	4.863	0.069	0	0	0	5
084847	PL.39665	C	Consumer	7.42Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	4.863	0.000	0	0	0	0
084845	PL.39665	C	Consumer	7.42Y	123.6	0.00	2.38	0.80	0	5	4	78	0.00	0.0	4.863	0.000	5	4	1	1
084839	PL.39665	C	Consumer	7.42Y	123.6	0.00	2.38	0.06	0	0	0	100	0.00	0.0	4.863	0.000	0	0	1	1
084828	PL.39665	C	Consumer	7.42Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	4.863	0.000	0	0	0	0
PL.26619	PL.39665	C	4ACSR	7.42Y	123.6	0.00	2.39	0.99	1	6	5	77	0.00	0.0	4.962	0.099	0	0	0	2
084829	PL.26619	C	Consumer	7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0	4.962	0.000	0	0	0	0
084848	PL.26619	C	Consumer	7.42Y	123.6	0.00	2.39	0.45	0	3	2	83	0.00	0.0	4.962	0.000	3	2	1	1
084842	PL.26619	C	Consumer	7.42Y	123.6	0.00	2.39	0.54	0	3	3	71	0.00	0.0	4.962	0.000	3	3	1	1
PL.38676	PL.39665	C	4ACSR	7.42Y	123.6	0.00	2.38	0.15	0	1	1	71	0.00	0.0	4.872	0.009	0	0	0	1
PL.38677	PL.38676	C	4ACSR	7.42Y	123.6	0.00	2.38	0.15	0	1	1	71	0.00	0.0	4.912	0.041	0	0	0	1
PL.24477	PL.38677	C	4ACSR	7.42Y	123.6	0.00	2.38	0.15	0	1	1	71	0.00	0.0	4.967	0.055	0	0	0	1
PL.24478	PL.24477	C	4ACSR	7.42Y	123.6	0.00	2.38	0.15	0	1	1	71	0.00	0.0	5.033	0.066	0	0	0	1
084849	PL.24478	C	Consumer	7.42Y	123.6	0.00	2.38	0.15	0	1	1	71	0.00	0.0	5.033	0.000	1	1	1	1
084824	PL.38677	C	Consumer	7.42Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	4.912	0.000	0	0	0	0

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

Unbalanced Voltage Drop Report
Source: BOWEN

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	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss		Length (mi)	KW			KVAR	
PL.39663	PL.39664	C	2ACSR	7.42Y	123.6	0.00	2.38	0.08	0	0	0	100	0.00	0.0	4.949	0.154	0	0	0	1
0848054	PL.39663	C	Consumer	7.42Y	123.6	0.00	2.38	0.08	0	0	0	100	0.00	0.0	4.949	0.000	0	0	1	1
PL.38671	PL.26616	C	4ACSR	7.42Y	123.7	0.00	2.35	0.00	0	0	0	100	0.00	0.0	4.624	0.005	0	0	0	1
PD.7059	PL.38671	C	fuse6AMP	7.42Y	123.7	0.00	2.35	0.00	0	0	0	100	0.00	0.0	4.624	0.000	0	0	0	1
PL.38674	PD.7059	C	4ACSR	7.42Y	123.7	0.00	2.35	0.00	0	0	0	100	0.00	0.0	4.627	0.002	0	0	0	1
PL.38675	PL.38674	C	4ACSR	7.42Y	123.7	0.00	2.35	0.00	0	0	0	100	0.00	0.0	4.654	0.027	0	0	0	0
PL.38673	PL.38674	C	4ACSR	7.42Y	123.7	0.00	2.35	0.00	0	0	0	100	0.00	0.0	4.658	0.031	0	0	0	1
084835	PL.38673	C	Consumer	7.42Y	123.7	0.00	2.35	0.00	0	0	0	100	0.00	0.0	4.658	0.000	0	0	1	1
PL.38669	PL.26614	C	4ACSR	7.42Y	123.7	0.00	2.32	0.32	0	2	2	71	0.00	0.0	4.478	0.005	0	0	0	1
PD.7058	PL.38669	C	fuse6AMP	7.42Y	123.7	0.00	2.32	0.32	5	2	2	71	0.00	0.0	4.478	0.000	0	0	0	1
PL.38670	PD.7058	C	4ACSR	7.42Y	123.7	0.00	2.32	0.32	0	2	2	71	0.00	0.0	4.504	0.026	0	0	0	1
084814	PL.38670	C	Consumer	7.42Y	123.7	0.00	2.32	0.32	0	2	2	71	0.00	0.0	4.504	0.000	2	2	1	1
084819	PL.26613	C	Consumer	7.42Y	123.7	0.00	2.27	0.43	0	2	2	71	0.00	0.0	4.270	0.000	2	2	1	1
PL.38667	PL.19875	C	4ACSR	7.42Y	123.7	0.00	2.27	0.37	0	2	2	71	0.00	0.0	4.255	0.006	0	0	0	1
PD.7057	PL.38667	C	fuse6AMP	7.42Y	123.7	0.00	2.27	0.37	6	2	2	71	0.00	0.0	4.255	0.000	0	0	0	1
PL.38668	PD.7057	C	4ACSR	7.42Y	123.7	0.00	2.27	0.37	0	2	2	71	0.00	0.0	4.317	0.062	0	0	0	1
085804	PL.38668	C	Consumer	7.42Y	123.7	0.00	2.27	0.37	0	2	2	71	0.00	0.0	4.317	0.000	2	2	1	1
084831	PL.19874	C	Consumer	7.42Y	123.7	0.00	2.26	0.04	0	0	0	100	0.00	0.0	4.225	0.000	0	0	1	1
PL.18210	PL.7513	C	4ACSR	7.43Y	123.8	0.00	2.18	2.80	2	17	12	82	0.00	0.0	3.932	0.016	0	0	0	6
PD.1165	PL.18210	C	fuse6AMP	7.43Y	123.8	0.00	2.18	2.80	48	17	12	82	0.00	0.0	3.932	0.000	0	0	0	6
PL.18209	PD.1165	C	4ACSR	7.43Y	123.8	0.01	2.19	2.80	2	17	12	82	0.00	0.0	3.973	0.041	0	0	0	6
PL.40448	PL.18209	C	4ACSR	7.43Y	123.8	0.00	2.19	2.27	2	14	9	84	0.00	0.0	3.989	0.016	0	0	0	5
568003	PL.40448	C	Consumer	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	3.989	0.000	0	0	0	0
568005	PL.40448	C	Consumer	7.43Y	123.8	0.00	2.19	0.41	0	2	2	71	0.00	0.0	3.989	0.000	2	2	1	1
PL.26612	PL.40448	C	4ACSR	7.43Y	123.8	0.00	2.19	1.86	2	12	7	86	0.00	0.0	4.019	0.030	0	0	0	4
PL.3557	PL.26612	C	4ACSR	7.43Y	123.8	0.00	2.19	0.45	0	3	2	83	0.00	0.0	4.035	0.016	0	0	0	2
568007	PL.3557	C	Consumer	7.43Y	123.8	0.00	2.19	0.26	0	1	1	71	0.00	0.0	4.035	0.000	1	1	1	1
568006	PL.3557	C	Consumer	7.43Y	123.8	0.00	2.19	0.18	0	1	1	71	0.00	0.0	4.035	0.000	1	1	1	1
PL.5066	PL.26612	C	4ACSR	7.43Y	123.8	0.01	2.20	1.42	1	9	5	87	0.00	0.0	4.178	0.159	0	0	0	2
PL.5068	PL.5066	C	4ACSR	7.43Y	123.8	0.00	2.21	1.42	1	9	5	87	0.00	0.0	4.233	0.055	0	0	0	2
PL.24474	PL.5068	C	4ACSR	7.43Y	123.8	0.00	2.21	1.42	1	9	5	87	0.00	0.0	4.293	0.060	0	0	0	2
084837	PL.24474	C	Consumer	7.43Y	123.8	0.00	2.21	0.00	0	0	0	100	0.00	0.0	4.293	0.000	0	0	0	0
PL.8314	PL.24474	C	4ACSR	7.43Y	123.8	0.00	2.21	1.42	1	9	5	87	0.00	0.0	4.368	0.075	0	0	0	2
084850	PL.8314	C	Consumer	7.43Y	123.8	0.00	2.21	0.29	0	2	1	89	0.00	0.0	4.368	0.000	2	1	1	1
PL.8315	PL.8314	C	4ACSR	7.43Y	123.8	0.01	2.22	1.13	1	8	4	89	0.00	0.0	4.464	0.096	0	0	0	1
PL.8316	PL.8315	C	4ACSR	7.43Y	123.8	0.01	2.23	1.13	1	8	4	89	0.00	0.0	4.604	0.140	0	0	0	1
PL.24480	PL.8316	C	4ACSR	7.43Y	123.8	0.00	2.23	1.13	1	8	4	89	0.00	0.0	4.679	0.075	0	0	0	1
084851	PL.24480	C	Consumer	7.43Y	123.8	0.00	2.23	1.13	0	8	4	89	0.00	0.0	4.679	0.000	8	4	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
084853	PL.8315	C	Consumer	7.43Y	123.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	4.464	0.000	0	0	0	0
084812	PL.5066	C	Consumer	7.43Y	123.8	0.00	2.20	0.00	0	0	0	100	0.00	0.0	4.178	0.000	0	0	0	0
PL.24479	PL.5066	C	4ACSR	7.43Y	123.8	0.00	2.20	0.00	0	0	0	100	0.00	0.0	4.304	0.126	0	0	0	0
PL.40446	PL.18209	C	2ACSR	7.43Y	123.8	0.00	2.19	0.53	0	3	3	71	0.00	0.0	4.024	0.051	0	0	0	1
5680008	PL.40446	C	Consumer	7.43Y	123.8	0.00	2.19	0.53	0	3	3	71	0.00	0.0	4.024	0.000	3	3	1	1
566803	PL.7517	C	Consumer	7.44Y	124.0	0.00	2.04	0.00	0	0	0	100	0.00	0.0	3.580	0.000	0	0	0	0
567802	PL.7517	C	Consumer	7.44Y	124.0	0.00	2.04	0.44	0	3	2	83	0.00	0.0	3.580	0.000	3	2	1	1
567901	PL.7517	C	Consumer	7.44Y	124.0	0.00	2.04	0.12	0	1	1	71	0.00	0.0	3.580	0.000	1	1	1	1
566801	PL.7517	C	Consumer	7.44Y	124.0	0.00	2.04	0.48	0	3	2	83	0.00	0.0	3.580	0.000	3	2	1	1
567804	PL.7517	C	Consumer	7.44Y	124.0	0.00	2.04	0.19	0	1	1	71	0.00	0.0	3.580	0.000	1	1	1	1
567805	PL.7517	C	Consumer	7.44Y	124.0	0.00	2.04	0.00	0	0	0	100	0.00	0.0	3.580	0.000	0	0	0	0
PL.3558	PL.7511	C	4ACSR	7.44Y	124.0	0.01	1.97	2.64	2	15	13	76	0.00	0.0	3.513	0.070	0	0	0	5
PL.33775	PL.3558	C	2ACSR	7.44Y	124.0	0.00	1.97	0.73	0	4	3	80	0.00	0.0	3.549	0.035	0	0	0	1
5687010	PL.33775	C	Consumer	7.44Y	124.0	0.00	1.97	0.73	0	4	3	80	0.00	0.0	3.549	0.000	4	3	1	1
568707	PL.3558	C	Consumer	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	3.513	0.000	0	0	0	0
568705	PL.3558	C	Consumer	7.44Y	124.0	0.00	1.97	0.04	0	0	0	100	0.00	0.0	3.513	0.000	0	0	1	1
568704	PL.3558	C	Consumer	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	3.513	0.000	0	0	0	0
568708	PL.3558	C	Consumer	7.44Y	124.0	0.00	1.97	0.43	0	2	2	71	0.00	0.0	3.513	0.000	2	2	1	1
568706	PL.3558	C	Consumer	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	3.513	0.000	0	0	0	0
PL.3544	PL.3558	C	4ACSR	7.44Y	124.0	0.00	1.98	1.44	1	8	7	75	0.00	0.0	3.585	0.072	0	0	0	2
568801	PL.3544	C	Consumer	7.44Y	124.0	0.00	1.98	0.46	0	3	2	83	0.00	0.0	3.585	0.000	3	2	1	1
568709	PL.3544	C	Consumer	7.44Y	124.0	0.00	1.98	0.98	0	6	5	77	0.00	0.0	3.585	0.000	6	5	1	1
567714	PL.39789	C	Consumer	7.44Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	3.438	0.000	0	0	0	0
567720	PL.39789	C	Consumer	7.44Y	124.0	0.00	1.96	0.27	0	2	1	89	0.00	0.0	3.438	0.000	2	1	1	1
567717	PL.39789	C	Consumer	7.44Y	124.0	0.00	1.96	0.07	0	0	0	100	0.00	0.0	3.438	0.000	0	0	1	1
567718	PL.39789	C	Consumer	7.44Y	124.0	0.00	1.96	0.16	0	1	1	71	0.00	0.0	3.438	0.000	1	1	1	1
567701	PL.39789	C	Consumer	7.44Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	3.438	0.000	0	0	0	0
567702	PL.39789	C	Consumer	7.44Y	124.0	0.00	1.96	0.30	0	2	1	89	0.00	0.0	3.438	0.000	2	1	1	1
567605	PL.26610	C	Consumer	7.45Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	3.371	0.000	0	0	0	0
567611	PL.26610	C	Consumer	7.45Y	124.1	0.00	1.91	0.43	0	2	2	71	0.00	0.0	3.371	0.000	2	2	1	1
567603	PL.26610	C	Consumer	7.45Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	3.371	0.000	0	0	0	0
PL.38665	PL.26610	C	4ACSR	7.45Y	124.1	0.00	1.91	1.57	1	10	6	86	0.00	0.0	3.378	0.007	0	0	0	6
PD.7056	PL.38665	C	fuse6AMP	7.45Y	124.1	0.00	1.91	1.57	27	10	6	86	0.00	0.0	3.378	0.000	0	0	0	6
PL.38666	PD.7056	C	4ACSR	7.45Y	124.1	0.00	1.91	1.57	1	10	6	86	0.00	0.0	3.439	0.061	0	0	0	6
568609	PL.38666	C	Consumer	7.45Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	3.439	0.000	0	0	0	0
567610	PL.38666	C	Consumer	7.45Y	124.1	0.00	1.91	0.38	0	2	2	71	0.00	0.0	3.439	0.000	2	2	1	1
567612	PL.38666	C	Consumer	7.45Y	124.1	0.00	1.91	0.07	0	0	0	100	0.00	0.0	3.439	0.000	0	0	1	1
568606	PL.38666	C	Consumer	7.45Y	124.1	0.00	1.91	0.84	0	6	3	89	0.00	0.0	3.439	0.000	6	3	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

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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-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	Length (mi)	KW		KVAR	Cons On	Cons Thru	
568607	PL.38666	C	Consumer	7.45Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	3.439	0.000	0	0	0	0	
568608	PL.38666	C	Consumer	7.45Y	124.1	0.00	1.91	0.22	0	1	1	71	0.00	0.0	3.439	0.000	1	1	1	1	
568610	PL.38666	C	Consumer	7.45Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	3.439	0.000	0	0	1	1	
567602	PL.38666	C	Consumer	7.45Y	124.1	0.00	1.91	0.07	0	0	0	100	0.00	0.0	3.439	0.000	0	0	1	1	
567502	PL.20404	C	Consumer	7.45Y	124.2	0.00	1.79	0.40	0	2	2	71	0.00	0.0	3.242	0.000	2	2	1	1	
565403	PL.20607	A	Consumer	7.44Y	124.0	0.00	2.02	0.60	0	4	2	89	0.00	0.0	2.971	0.000	4	2	0	0	
		B		7.23Y	120.5	0.00	5.46	0.62	0	4	2	90			4	2	0	0			
		C		7.47Y	124.4	0.00	1.56	0.60	0	4	2	90			4	2	0	0			
565402	PL.26607	B	Consumer	7.24Y	120.7	0.00	5.32	0.05	0	0	0	100	0.00	0.0	2.909	0.000	0	0	1	1	
PL.15986	PL.26607	B	4ACSR	7.24Y	120.7	0.00	5.32	2.47	2	14	12	76	0.00	0.0	2.914	0.005	0	0	0	5	
PD.2831	PL.15986	B	fuse6AMP	7.24Y	120.7	0.00	5.32	2.47	42	14	12	76	0.00	0.0	2.914	0.000	0	0	0	5	
PL.15987	PD.2831	B	4ACSR	7.24Y	120.7	0.01	5.34	2.47	2	14	12	76	0.00	0.0	3.010	0.097	0	0	0	5	
PL.3550	PL.15987	B	4ACSR	7.24Y	120.7	0.00	5.34	2.47	2	14	12	76	0.00	0.0	3.052	0.042	0	0	0	5	
PL.15984	PL.3550	B	4ACSR	7.24Y	120.7	0.00	5.34	0.24	0	1	1	71	0.00	0.0	3.056	0.003	0	0	0	1	
PD.192-A	PL.15984	B	Closed	7.24Y	120.7	0.00	5.34	0.24	0	1	1	71	0.00	0.0	3.056	0.000	0	0	0	1	
PD.192-B	PD.192-A	B	Closed	7.24Y	120.7	0.00	5.34	0.24	0	1	1	71	0.00	0.0	3.056	0.000	0	0	0	1	
PL.15985	PD.192-B	B	4ACSR	7.24Y	120.7	0.00	5.34	0.24	0	1	1	71	0.00	0.0	3.076	0.020	0	0	0	1	
564401	PL.15985	B	Consumer	7.24Y	120.7	0.00	5.34	0.24	0	1	1	71	0.00	0.0	3.076	0.000	1	1	1	1	
PL.3549	PL.3550	B	4ACSR	7.24Y	120.6	0.01	5.35	2.23	2	12	10	77	0.00	0.0	3.149	0.097	0	0	0	4	
PL.3554	PL.3549	B	4ACSR	7.24Y	120.6	0.01	5.36	1.49	1	8	7	75	0.00	0.0	3.227	0.077	0	0	0	2	
563402	PL.3554	B	Consumer	7.24Y	120.6	0.00	5.36	0.58	0	3	3	71	0.00	0.0	3.227	0.000	3	3	1	1	
PL.3553	PL.3554	B	4ACSR	7.24Y	120.6	0.00	5.36	0.91	1	5	4	78	0.00	0.0	3.277	0.050	0	0	0	1	
PL.3555	PL.3553	B	4ACSR	7.24Y	120.6	0.00	5.36	0.91	1	5	4	78	0.00	0.0	3.293	0.016	0	0	0	1	
562401	PL.3555	B	Consumer	7.24Y	120.6	0.00	5.36	0.00	0	0	0	100	0.00	0.0	3.293	0.000	0	0	0	0	
PL.3551	PL.3555	B	4ACSR	7.24Y	120.6	0.01	5.37	0.91	1	5	4	78	0.00	0.0	3.459	0.166	0	0	0	1	
561202	PL.3551	B	Consumer	7.24Y	120.6	0.00	5.37	0.91	0	5	4	78	0.00	0.0	3.459	0.000	5	4	1	1	
PL.3552	PL.3549	B	4ACSR	7.24Y	120.6	0.00	5.35	0.74	1	4	3	80	0.00	0.0	3.206	0.057	0	0	0	2	
563401	PL.3552	B	Consumer	7.24Y	120.6	0.00	5.35	0.42	0	2	2	71	0.00	0.0	3.206	0.000	2	2	1	1	
563403	PL.3552	B	Consumer	7.24Y	120.6	0.00	5.35	0.33	0	2	2	71	0.00	0.0	3.206	0.000	2	2	1	1	
PL.16361	PL.26606	B	4ACSR	7.24Y	120.7	0.00	5.28	0.83	1	5	4	78	0.00	0.0	2.893	0.004	0	0	0	1	
PD.2834	PL.16361	B	fuse6AMP	7.24Y	120.7	0.00	5.28	0.83	14	5	4	78	0.00	0.0	2.893	0.000	0	0	0	1	
PL.16150	PD.2834	B	4ACSR	7.24Y	120.7	0.00	5.28	0.83	1	5	4	78	0.00	0.0	2.953	0.060	0	0	0	1	
PL.3548	PL.16150	B	4ACSR	7.24Y	120.7	0.00	5.29	0.83	1	5	4	78	0.00	0.0	3.027	0.074	0	0	0	1	
PL.3547	PL.3548	B	4ACSR	7.24Y	120.7	0.00	5.29	0.83	1	5	4	78	0.00	0.0	3.091	0.064	0	0	0	1	
564201	PL.3547	B	Consumer	7.24Y	120.7	0.00	5.29	0.83	0	5	4	78	0.00	0.0	3.091	0.000	5	4	1	1	
562201	PL.19767	B	Consumer	7.29Y	121.4	0.00	4.56	0.24	0	1	1	71	0.00	0.0	2.572	0.000	1	1	1	1	
562202	PL.19767	B	Consumer	7.29Y	121.4	0.00	4.56	0.00	0	0	0	100	0.00	0.0	2.572	0.000	0	0	0	0	
PL.399	PL.8308	B	4ACSR	7.32Y	121.9	0.01	4.05	6.38	5	36	30	77	0.00	0.0	2.396	0.050	0	0	0	21	
PL.18725	PL.399	B	4ACSR	7.32Y	121.9	0.00	4.05	6.38	5	36	30	77	0.00	0.0	2.402	0.006	0	0	0	21	

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.3445, PL.18726, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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							
083708	PL.5057	B	Consumer	7.31Y	121.8	0.00	4.18	0.05	0	0	0	100	0.00	0.0	3.545	0.000	0	0	1	1
083710	PL.26593	B	Consumer	7.31Y	121.8	0.00	4.18	0.40	0	2	2	71	0.00	0.0	3.156	0.000	2	2	1	1
PL.20425	PL.5052	B	4ACSR	7.31Y	121.8	0.00	4.18	1.46	1	8	7	75	0.00	0.0	3.130	0.011	0	0	0	5
PD.1162	PL.20425	B	fuse6AMP	7.31Y	121.8	0.00	4.18	1.46	25	8	7	75	0.00	0.0	3.130	0.000	0	0	0	5
PL.20426	PD.1162	B	4ACSR	7.31Y	121.8	0.01	4.18	1.46	1	8	7	75	0.00	0.0	3.216	0.086	0	0	0	5
PL.26601	PL.20426	B	4ACSR	7.31Y	121.8	0.00	4.19	0.74	1	4	3	80	0.00	0.0	3.266	0.050	0	0	0	2
083724	PL.26601	B	Consumer	7.31Y	121.8	0.00	4.19	0.30	0	2	1	89	0.00	0.0	3.266	0.000	2	1	1	1
PL.26602	PL.26601	B	4ACSR	7.31Y	121.8	0.01	4.19	0.44	0	2	2	71	0.00	0.0	3.715	0.448	0	0	0	1
083712	PL.26602	B	Consumer	7.31Y	121.8	0.00	4.19	0.44	0	2	2	71	0.00	0.0	3.715	0.000	2	2	1	1
PL.5059	PL.20426	B	4ACSR	7.31Y	121.8	0.00	4.18	0.44	0	2	2	71	0.00	0.0	3.258	0.042	0	0	0	1
083727	PL.5059	B	Consumer	7.31Y	121.8	0.00	4.18	0.44	0	2	2	71	0.00	0.0	3.258	0.000	2	2	1	1
083728	PL.5059	B	Consumer	7.31Y	121.8	0.00	4.18	0.00	0	0	0	100	0.00	0.0	3.258	0.000	0	0	0	0
083729	PL.20426	B	Consumer	7.31Y	121.8	0.00	4.18	0.21	0	1	1	71	0.00	0.0	3.216	0.000	1	1	1	1
083722	PL.20426	B	Consumer	7.31Y	121.8	0.00	4.18	0.07	0	0	0	100	0.00	0.0	3.216	0.000	0	0	1	1
0837032	PL.40322	B	Consumer	7.31Y	121.8	0.00	4.15	0.32	0	2	1	89	0.00	0.0	2.899	0.000	2	1	1	1
0837033	PL.40322	B	Consumer	7.31Y	121.8	0.00	4.15	0.02	0	0	0	100	0.00	0.0	2.899	0.000	0	0	1	1
083714	PL.8306	B	Consumer	7.31Y	121.9	0.00	4.14	0.26	0	1	1	71	0.00	0.0	2.793	0.000	1	1	1	1
PL.5047	PL.26599	B	4ACSR	7.31Y	121.9	0.00	4.10	0.94	1	5	4	78	0.00	0.0	2.633	0.068	0	0	0	3
PL.5048	PL.5047	B	4ACSR	7.31Y	121.9	0.00	4.10	0.00	0	0	0	100	0.00	0.0	2.692	0.059	0	0	0	0
PL.5044	PL.5047	B	4ACSR	7.31Y	121.9	0.00	4.11	0.94	1	5	4	78	0.00	0.0	2.737	0.104	0	0	0	3
PL.5045	PL.5044	B	4ACSR	7.31Y	121.9	0.00	4.11	0.48	0	3	2	83	0.00	0.0	2.764	0.027	0	0	0	1
083609	PL.5045	B	Consumer	7.31Y	121.9	0.00	4.11	0.48	0	3	2	83	0.00	0.0	2.764	0.000	3	2	1	1
083614	PL.5045	B	Consumer	7.31Y	121.9	0.00	4.11	0.00	0	0	0	100	0.00	0.0	2.764	0.000	0	0	0	0
PL.5046	PL.5044	B	4ACSR	7.31Y	121.9	0.00	4.11	0.46	0	3	2	83	0.00	0.0	2.777	0.040	0	0	0	2
083622	PL.5046	B	Consumer	7.31Y	121.9	0.00	4.11	0.03	0	0	0	100	0.00	0.0	2.777	0.000	0	0	1	1
083611	PL.5046	B	Consumer	7.31Y	121.9	0.00	4.11	0.43	0	2	2	71	0.00	0.0	2.777	0.000	2	2	1	1
083718	PL.26599	B	Consumer	7.31Y	121.9	0.00	4.10	0.35	0	2	2	71	0.00	0.0	2.565	0.000	2	2	1	1
PL.5049	PD.3819	B	4ACSR	7.31Y	121.9	0.00	4.08	0.47	0	3	2	83	0.00	0.0	2.549	0.046	0	0	0	1
083702	PL.5049	B	Consumer	7.31Y	121.9	0.00	4.08	0.47	0	3	2	83	0.00	0.0	2.549	0.000	3	2	1	1
084621	PL.8308	B	Consumer	7.32Y	122.0	0.00	4.04	0.22	0	1	1	71	0.00	0.0	2.346	0.000	1	1	1	1
084614	PL.8308	C	Consumer	7.50Y	124.9	0.00	1.05	0.01	0	0	0	100	0.00	0.0	2.346	0.000	0	0	1	1
083630	PL.19223	C	Consumer	7.52Y	125.3	0.00	0.69	0.00	0	0	0	100	0.00	0.0	1.850	0.000	0	0	1	1
083626	PL.19222	B	Consumer	7.39Y	123.2	0.00	2.75	0.44	0	3	1	95	0.00	0.0	1.824	0.000	3	1	1	1
PL.16366	PL.26598	A	4ACSR	7.51Y	125.1	0.00	0.90	1.73	1	10	8	78	0.00	0.0	1.710	0.007	0	0	0	6
PD.1155	PL.16366	A	fuse6AMP	7.51Y	125.1	0.00	0.90	1.73	30	10	8	78	0.00	0.0	1.710	0.000	0	0	0	6
PL.16367	PD.1155	A	4ACSR	7.51Y	125.1	0.01	0.91	1.73	1	10	8	78	0.00	0.0	1.847	0.136	0	0	0	6
083631	PL.16367	A	Consumer	7.51Y	125.1	0.00	0.91	0.44	0	3	2	83	0.00	0.0	1.847	0.000	3	2	1	1
PL.26594	PL.16367	A	4ACSR	7.51Y	125.1	0.00	0.92	1.30	1	7	6	76	0.00	0.0	1.884	0.038	0	0	0	5

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

Unbalanced Voltage Drop Report
Source: BOWEN

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	kW Loss	% Loss		Length (mi)	KW			KVAR	
PL.30335	PL.26594	A	4ACSR	7.50Y	125.1	0.00	0.92	1.30	1	7	6	76	0.00	0.0	1.923	0.039	0	0	0	5
PD.3818-A	PL.30335	A	Closed	7.50Y	125.1	0.00	0.92	1.30	0	7	6	76	0.00	0.0	1.923	0.000	0	0	0	5
PD.3818-B	PD.3818-A	A	Closed	7.50Y	125.1	0.00	0.92	1.30	0	7	6	76	0.00	0.0	1.923	0.000	0	0	0	5
PL.30336	PD.3818-B	A	4ACSR	7.50Y	125.1	0.02	0.94	1.30	1	7	6	76	0.00	0.0	2.276	0.352	0	0	0	5
083601	PL.30336	A	Consumer	7.50Y	125.1	0.00	0.94	0.06	0	0	0	100	0.00	0.0	2.276	0.000	0	0	1	1
083612	PL.30336	A	Consumer	7.50Y	125.1	0.00	0.94	0.68	0	4	3	80	0.00	0.0	2.276	0.000	4	3	1	1
PL.8305	PL.30336	A	4ACSR	7.50Y	125.1	0.00	0.94	0.55	0	3	3	71	0.00	0.0	2.362	0.087	0	0	0	3
PL.5050	PL.8305	A	4ACSR	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	2.362	0.000	0	0	0	0
PL.5209	PL.8305	A	4ACSR	7.50Y	125.1	0.00	0.94	0.55	0	3	3	71	0.00	0.0	2.474	0.112	0	0	0	3
083515	PL.5209	A	Consumer	7.50Y	125.1	0.00	0.94	0.41	0	2	2	71	0.00	0.0	2.474	0.000	2	2	1	1
083535	PL.5209	A	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	2.474	0.000	0	0	1	1
PL.19647	PL.5209	A	4ACSR	7.50Y	125.1	0.00	0.94	0.15	0	1	1	71	0.00	0.0	2.555	0.081	0	0	0	1
083506	PL.19647	A	Consumer	7.50Y	125.1	0.00	0.94	0.15	0	1	1	71	0.00	0.0	2.555	0.000	1	1	1	1
083623	PL.26598	C	Consumer	7.53Y	125.4	0.00	0.58	0.09	0	1	0	100	0.00	0.0	1.704	0.000	1	0	1	1
PL.26793	PL.26796	A	4ACSR	7.54Y	125.6	0.00	0.40	0.29	0	2	1	89	0.00	0.0	0.929	0.021	0	0	0	1
PD.2040	PL.26793	A	fuse6AMP	7.54Y	125.6	0.00	0.40	0.29	5	2	1	89	0.00	0.0	0.929	0.000	0	0	0	1
PL.26794	PD.2040	A	4ACSR	7.54Y	125.6	0.00	0.40	0.29	0	2	1	89	0.00	0.0	1.064	0.134	0	0	0	1
PL.5042	PL.26794	A	4ACSR	7.54Y	125.6	0.00	0.40	0.29	0	2	1	89	0.00	0.0	1.077	0.013	0	0	0	1
084601	PL.5042	A	Consumer	7.54Y	125.6	0.00	0.40	0.29	0	2	1	89	0.00	0.0	1.077	0.000	2	1	1	1
PL.39241	PL.8440	A	4ACSR	7.54Y	125.6	0.00	0.38	0.16	0	1	1	71	0.00	0.0	0.865	0.006	0	0	0	1
PD.6885	PL.39241	A	50E	7.54Y	125.6	0.00	0.38	0.16	0	1	1	71	0.00	0.0	0.865	0.000	0	0	0	1
PL.8438	PD.6885	A	4ACSR	7.54Y	125.6	0.00	0.38	0.16	0	1	1	71	0.00	0.0	0.997	0.132	0	0	0	1
PL.39242	PL.8438	A	4ACSR	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	1.000	0.003	0	0	0	0
PD.6884-A	PL.39242	A	Open	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	1.000	0.000	0	0	0	0
084510	PL.8438	A	Consumer	7.54Y	125.6	0.00	0.38	0.16	0	1	1	71	0.00	0.0	0.997	0.000	1	1	1	1
084552	PL.27965	B	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	0.761	0.000	0	0	0	0
084507	PL.27965	B	Consumer	7.50Y	125.1	0.00	0.94	0.46	0	3	2	83	0.00	0.0	0.761	0.000	3	2	1	1
084535	PL.8447	B	Consumer	7.51Y	125.2	0.00	0.85	1.34	0	8	6	80	0.00	0.0	0.680	0.000	8	6	1	1
084553	PL.8447	C	Consumer	7.55Y	125.9	0.00	0.12	0.03	0	0	0	100	0.00	0.0	0.680	0.000	0	0	1	1
084551	PL.14388	B	Consumer	7.52Y	125.3	0.00	0.73	0.63	0	4	3	80	0.00	0.0	0.588	0.000	4	3	1	1
083536	PL.14388	B	Consumer	7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	0.588	0.000	0	0	0	0
083538	PL.20914	B	Consumer	7.54Y	125.6	0.00	0.37	0.51	0	3	2	83	0.00	0.0	0.295	0.000	3	2	1	1
083523	PL.20914	B	Consumer	7.54Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	0.295	0.000	0	0	0	0

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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	4006	0	0	0	0	0	94	0.00		4100
KVAR	1767	0	-661	-7	0	0	96			1195

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 120.10 volts on PL.16270	5.90 volts on PL.16270	0.61 volts on PL.43352
B-Phase -> 117.19 volts on PL.5321	8.81 volts on PL.5321	1.10 volts on PL.26596
C-Phase -> 122.07 volts on PL.19567	3.93 volts on PL.19567	1.17 volts on PL.14090

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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\EXISTING JUL05 CWP.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\EXISTING JUL05 CWP.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.7253-B, PL.40667, PL.94, PL.24713, 398848, PL.24714, 398805, 398847, 398835, PL.24715, PL.9600, PL.9601, PL.9602, PL.24716, PL.9603, PL.9604, PL.15726, PD.3401, PL.15727, PL.40652, PD.7245-A, PD.7245-B, PL.40653, PL.21204, PL.21203, PL.21202.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

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

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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, PL.15733, PL.15734, 399837, PL.9605, PL.15735, PD.1181, PL.15736, 399841, PL.43669, PD.250-A, PD.250-B, PL.43670, PL.15738, PL.123, PL.122, PL.9606, PL.9607, PL.27264, PD.413-A, PD.413-B.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.27265, PD.1519, PL.29614, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 CWP.WM\

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		Units Displayed In Volts -Base Voltage:120.0-																		
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru
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\EXISTING JUL05 CWP.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 452923, PL.29442, PL.29440, PL.29438, PL.29503, PL.29632, PL.29172, 453913, 452924, PL.29439, PL.29596, PL.29624, PL.29502, PL.29501, PL.29500, 452938, 452935, 452920, PL.2803, 452941, PL.29537, PL.29544, PL.29436, PL.29250, 452915, PL.29437, PL.29630, 452901, PL.29249.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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)	-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
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 B C	2ALUD	7.39Y 7.41Y 7.40Y	123.2 123.5 123.4	0.01 0.00 0.02	2.81 2.46 2.62	2.73 0.97 5.62	2 1 3	19 7 38	7 1 16	94 100 93	0.01 0.00 0.00	0.0	7.686	0.123	0 0 0	0 0 0	0 0 0	1 1 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 B C	2ALUD	7.39Y 7.41Y 7.40Y	123.2 123.5 123.4	0.01 -0.00 0.01	2.82 2.46 2.63	2.76 -0.26 5.65	2 0 3	19 0 38	7 -2 16	94 0 92	0.01 0.00 0.00	0.0	7.772	0.086	0 0 0	0 0 0	0 0 0	1 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
PL.30941	PL.29434	A B C	2ALUD	7.39Y 7.41Y 7.40Y	123.2 123.5 123.4	-0.00 -0.00 -0.00	2.82 2.46 2.63	-0.20 -0.20 -0.20	0 0 0	0 0 0	-1 -1 -1	0 0 0	0.00 0.00 0.00	0.0	8.091	0.319	0 0 0	0 0 0	0 0 0	0 0 0
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 B C	1/0EPRJCN	7.39Y 7.41Y 7.41Y	123.2 123.6 123.4	0.00 0.00 0.00	2.79 2.44 2.58	3.74 1.02 1.02	2 1 1	25 7 7	11 2 2	92 96 96	0.00 0.00 0.00	0.0	7.445	0.030	0 0 0	0 0 0	0 0 0	1 0 0
PL.29309	PL.29597	A B C	1/0EPRJCN	7.39Y 7.41Y 7.41Y	123.2 123.6 123.4	0.00 0.00 0.00	2.79 2.44 2.58	3.75 1.02 1.03	2 1 1	25 7 7	11 2 2	92 96 96	0.00 0.00 0.00	0.0	7.478	0.033	0 0 0	0 0 0	0 0 0	1 0 0
PL.29307	PL.29309	A B C	1/0EPRJCN	7.39Y 7.41Y 7.41Y	123.2 123.6 123.4	0.00 0.00 0.00	2.79 2.45 2.58	1.03 1.03 1.03	1 1 1	7 7 7	2 2 2	96 95 95	0.00 0.00 0.00	0.0	7.562	0.084	0 0 0	0 0 0	0 0 0	0 0 0
PL.29306	PL.29307	A B C	1/0EPRJCN	7.39Y 7.41Y 7.40Y	123.2 123.6 123.4	0.00 0.00 0.00	2.79 2.45 2.58	1.05 1.05 1.05	1 1 1	7 7 7	3 3 3	92 94 94	0.00 0.00 0.00	0.0	7.675	0.113	0 0 0	0 0 0	0 0 0	0 0 0
453901	PL.29306	A B C	Consumer	7.39Y 7.41Y 7.40Y	123.2 123.6 123.4	0.00 0.00 0.00	2.79 2.45 2.58	1.09 1.09 1.09	0 0 0	7 7 7	4 4 4	87 90 90	0.00 0.00 0.00	0.0	7.675	0.000	7 7 7	4 4 4	0 0 0	0 0 0
PL.29308	PL.29306	A B C	1/0EPRJCN	7.39Y 7.41Y 7.40Y	123.2 123.6 123.4	-0.00 -0.00 -0.00	2.79 2.45 2.58	-0.04 -0.04 -0.04	0 0 0	0 0 0	0 0 0	100 0 0	0.00 0.00 0.00	0.0	7.735	0.060	0 0 0	0 0 0	0 0 0	0 0 0
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

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\EXISTING JUL05 CWP.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\EXISTING JUL05 CWP.WM\
Title:
Case:

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

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 like PL.29431, 452914, PL.30942, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss		Length (mi)	KW			KVAR	
PL.21196	PL.21197	C	4ACSR	7.50Y	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\EXISTING JUL05 CWP.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 and a section for Feeder No. 2 (CAVERUN2).

Unbalanced Voltage Drop Report
Source: CAVE RUN

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
PL.29081	PL.29080	B	4ACSR	7.56Y	126.0	0.00	0.00	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	0.01	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	0.01	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	0.01	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	0.01	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	0.02	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	0.02	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	0.02	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	0.03	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	0.03	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	0.03	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	0.03	1.37	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	0.03	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	0.03	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	0.03	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	0.03	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	0.02	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	0.02	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	0.02	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	0.02	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	0.01	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	0.02	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	0.02	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	0.02	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	0.02	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	0.02	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	0.02	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	0.02	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	0.02	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	0.02	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	0.02	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	0.02	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	0.02	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	0.02	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	0.02	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	0.02	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	0.02	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	0.02	0.00	0	0	0	100	0.00	0.0	0.326	0.000	0	0	0	0

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

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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.9612, 3997100, 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

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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.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.

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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.6535, PL.9220, PL.9221, PL.20888, PD.396-A, PD.396-B, PL.20889, PL.27914, PD.2662, PL.27915, PL.6533, PL.9230, PL.9231, PL.17940, PL.17941, PL.9232, 451760, PL.19335, 451758, PL.43966, 451709, 4517063, PL.19713, 451727, PL.19714, PL.6530, PL.40808, PD.7262-A, PD.7262-B, PL.40809, 451601.

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

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----			
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR			Cons On	Cons Thru		
PL.21911	PL.40675	C	4ACSR	7.53Y	125.5	0.00	0.46	4.24	4	31	7	98	0.00	0.0	1.956	0.002	0	0	0	18			
451713	PL.21911	C	Consumer	7.53Y	125.5	0.00	0.46	0.00	0	0	0	100	0.00	0.0	1.956	0.000	0	0	0	0			
451734	PL.21911	C	Consumer	7.53Y	125.5	0.00	0.46	0.32	0	2	1	89	0.00	0.0	1.956	0.000	2	1	1	1			
PL.21912	PL.21911	C	4ACSR	7.53Y	125.5	0.01	0.47	3.92	3	29	6	98	0.00	0.0	1.988	0.032	0	0	0	17			
451754	PL.21912	C	Consumer	7.53Y	125.5	0.00	0.47	0.21	0	2	0	100	0.00	0.0	1.988	0.000	2	0	1	1			
451720	PL.21912	C	Consumer	7.53Y	125.5	0.00	0.47	0.09	0	1	0	100	0.00	0.0	1.988	0.000	1	0	1	1			
451723	PL.21912	C	Consumer	7.53Y	125.5	0.00	0.47	0.14	0	1	0	100	0.00	0.0	1.988	0.000	1	0	1	1			
451722	PL.21912	C	Consumer	7.53Y	125.5	0.00	0.47	0.14	0	1	0	100	0.00	0.0	1.988	0.000	1	0	1	1			
451755	PL.21912	C	Consumer	7.53Y	125.5	0.00	0.47	0.02	0	0	0	100	0.00	0.0	1.988	0.000	0	0	1	1			
451741	PL.21912	C	Consumer	7.53Y	125.5	0.00	0.47	0.36	0	3	1	95	0.00	0.0	1.988	0.000	3	1	1	1			
451721	PL.21912	C	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	1.988	0.000	0	0	0	0			
PL.22664	PL.21912	C	4ACSR	7.53Y	125.5	0.00	0.47	2.95	2	22	5	98	0.00	0.0	2.017	0.029	0	0	0	11			
451716	PL.22664	C	Consumer	7.53Y	125.5	0.00	0.47	0.47	0	3	1	95	0.00	0.0	2.017	0.000	3	1	1	1			
451717	PL.22664	C	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	2.017	0.000	0	0	0	0			
451750	PL.22664	C	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	2.017	0.000	0	0	0	0			
451745	PL.22664	C	Consumer	7.53Y	125.5	0.00	0.47	0.16	0	1	0	100	0.00	0.0	2.017	0.000	1	0	1	1			
451725	PL.22664	C	Consumer	7.53Y	125.5	0.00	0.47	0.70	0	5	1	98	0.00	0.0	2.017	0.000	5	1	1	1			
451738	PL.22664	C	Consumer	7.53Y	125.5	0.00	0.47	0.02	0	0	0	100	0.00	0.0	2.017	0.000	0	0	1	1			
451753	PL.22664	C	Consumer	7.53Y	125.5	0.00	0.47	0.06	0	0	0	100	0.00	0.0	2.017	0.000	0	0	1	1			
451759	PL.22664	C	Consumer	7.53Y	125.5	0.00	0.47	0.06	0	0	0	100	0.00	0.0	2.017	0.000	0	0	1	1			
451756	PL.22664	C	Consumer	7.53Y	125.5	0.00	0.47	0.03	0	0	0	100	0.00	0.0	2.017	0.000	0	0	1	1			
451740	PL.22664	C	Consumer	7.53Y	125.5	0.00	0.47	0.27	0	2	0	100	0.00	0.0	2.017	0.000	2	0	1	1			
451718	PL.22664	C	Consumer	7.53Y	125.5	0.00	0.47	0.20	0	2	0	100	0.00	0.0	2.017	0.000	2	0	1	1			
451719	PL.22664	C	Consumer	7.53Y	125.5	0.00	0.47	0.31	0	2	1	89	0.00	0.0	2.017	0.000	2	1	1	1			
451746	PL.22664	C	Consumer	7.53Y	125.5	0.00	0.47	0.66	0	5	1	98	0.00	0.0	2.017	0.000	5	1	1	1			
451707	PL.27915	C	Consumer	7.53Y	125.6	0.00	0.43	0.69	0	5	1	98	0.00	0.0	1.836	0.000	5	1	1	1			
PL.15554	PL.20889	A	1/0ACSR	7.56Y	125.9	0.00	0.07	0.23	0	2	0	100	0.00	0.0	1.795	0.046	0	0	0	1			
		B		7.56Y	125.9	-0.00	0.06	0.00	0	0	0	100					0	0	0	0			
		C		7.54Y	125.6	0.00	0.39	0.00	0	0	0	100					0	0	0	0			
PD.397-A	PL.15554	A	Closed	7.56Y	125.9	0.00	0.07	0.23	0	2	0	100	0.00	0.0	1.795	0.000	0	0	0	1			
		B		7.56Y	125.9	0.00	0.06	0.00	0	0	0	100					0	0	0	0			
		C		7.54Y	125.6	0.00	0.39	0.00	0	0	0	100					0	0	0	0			
PD.397-B	PD.397-A	A	Closed	7.56Y	125.9	0.00	0.07	0.23	0	2	0	100	0.00	0.0	1.795	0.000	0	0	0	1			
		B		7.56Y	125.9	0.00	0.06	0.00	0	0	0	100					0	0	0	0			
		C		7.54Y	125.6	0.00	0.39	0.00	0	0	0	100					0	0	0	0			
PL.15555	PD.397-B	A	1/0ACSR	7.55Y	125.9	0.01	0.08	0.23	0	2	0	100	0.00	0.0	3.693	1.898	0	0	0	1			
		B		7.56Y	125.9	-0.00	0.06	0.00	0	0	0	100					0	0	0	0			
		C		7.54Y	125.6	0.00	0.40	0.00	0	0	0	100					0	0	0	0			
PL.119	PL.15555	A	1/0ACSR	7.55Y	125.9	0.00	0.09	0.23	0	2	0	100	0.00	0.0	4.228	0.535	0	0	0	1			
		B		7.56Y	125.9	-0.00	0.06	0.00	0	0	0	100					0	0	0	0			
		C		7.54Y	125.6	0.00	0.40	0.00	0	0	0	100					0	0	0	0			
PL.6542	PL.119	A	1/0ACSR	7.55Y	125.9	0.00	0.09	0.23	0	2	0	100	0.00	0.0	5.056	0.828	0	0	0	1			
		B		7.56Y	125.9	-0.00	0.06	0.00	0	0	0	100					0	0	0	0			
		C		7.54Y	125.6	0.00	0.40	0.00	0	0	0	100					0	0	0	0			

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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, PL.15556, PD.403-A, 452501, PL.120, PL.9216, PD.7257, PL.9219, PL.15551, PL.15552, PD.1040, PL.15553, PL.2798, 451824, PL.2799, PL.29287, 450803, PL.15546, PL.15547, PL.15544, PL.40672, PD.7255.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.40673, PL.6538, PL.6539, PL.9222, PL.9223, PL.125, PL.9228, PL.29294, P PL.29295, P PL.29297, P PL.29418, P PL.29419, P PL.29296, 450817, 450816, 450814, P PL.20784, P PL.9218, P PL.9217, 451819, PL.9226, PL.9227.

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

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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 450825, PL.29298, PL.29299, PL.29300, 450827, PL.2804, 450832, 450833, PL.15739, PD.1044, PL.15740, PL.24633, PL.24720, 399843, PL.1814, 399844, PL.9224, 399842, 399847, 399846, 3998060, 450813, 450822, 450831, 450834, 450828, 450829, 450830, PL.40670, PD.1043, PL.40671, 450808.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
450812	PL.40671	A	Consumer	7.55Y	125.8	0.00	0.16	0.08	0	1	0	100	0.00	0.0	0.917	0.000	1	0	1	1
450809	PL.40671	A	Consumer	7.55Y	125.8	0.00	0.16	0.00	0	0	0	100	0.00	0.0	0.917	0.000	0	0	0	0
450821	PL.40671	A	Consumer	7.55Y	125.8	0.00	0.16	0.24	0	2	0	100	0.00	0.0	0.917	0.000	2	0	1	1
450801	PL.124	C	Consumer	7.55Y	125.8	0.00	0.16	0.90	0	7	1	99	0.00	0.0	0.743	0.000	7	1	1	1
PL.2790	PL.9158	A	4ACSR	7.55Y	125.8	0.00	0.15	0.50	0	4	1	97	0.00	0.0	0.520	0.071	0	0	0	2
450705	PL.2790	A	Consumer	7.55Y	125.8	0.00	0.15	0.00	0	0	0	100	0.00	0.0	0.520	0.000	0	0	0	0
450710	PL.2790	A	Consumer	7.55Y	125.8	0.00	0.15	0.00	0	0	0	100	0.00	0.0	0.520	0.000	0	0	0	0
450820	PL.2790	A	Consumer	7.55Y	125.8	0.00	0.15	0.23	0	2	0	100	0.00	0.0	0.520	0.000	2	0	1	1
450703	PL.2790	A	Consumer	7.55Y	125.8	0.00	0.15	0.27	0	2	0	100	0.00	0.0	0.520	0.000	2	0	1	1
PL.2792	PL.9158	A	4ACSR	7.55Y	125.8	0.02	0.16	2.61	2	19	4	98	0.00	0.0	0.587	0.139	0	0	0	6
PL.2801	PL.2792	A	4ACSR	7.55Y	125.8	0.00	0.17	1.11	1	8	2	97	0.00	0.0	0.685	0.097	0	0	0	3
399834	PL.2801	A	Consumer	7.55Y	125.8	0.00	0.17	0.24	0	2	0	100	0.00	0.0	0.685	0.000	2	0	1	1
399828	PL.2801	A	Consumer	7.55Y	125.8	0.00	0.17	0.42	0	3	1	95	0.00	0.0	0.685	0.000	3	1	1	1
399821	PL.2801	A	Consumer	7.55Y	125.8	0.00	0.17	0.44	0	3	1	95	0.00	0.0	0.685	0.000	3	1	1	1
450704	PL.2792	A	Consumer	7.55Y	125.8	0.00	0.16	0.10	0	1	0	100	0.00	0.0	0.587	0.000	1	0	1	1
450711	PL.2792	A	Consumer	7.55Y	125.8	0.00	0.16	0.00	0	0	0	100	0.00	0.0	0.587	0.000	0	0	0	0
450718	PL.2792	A	Consumer	7.55Y	125.8	0.00	0.16	1.07	0	8	2	97	0.00	0.0	0.587	0.000	8	2	1	1
450716	PL.2792	A	Consumer	7.55Y	125.8	0.00	0.16	0.33	0	2	1	89	0.00	0.0	0.587	0.000	2	1	1	1
450702	PL.6534	B	Consumer	7.56Y	126.0	0.00	-0.00	0.79	0	6	1	99	0.00	0.0	0.327	0.000	6	1	1	1
450713	PL.6534	B	Consumer	7.56Y	126.0	0.00	-0.00	0.83	0	6	1	99	0.00	0.0	0.327	0.000	6	1	1	1
450707	PL.6534	B	Consumer	7.56Y	126.0	0.00	-0.00	0.23	0	2	0	100	0.00	0.0	0.327	0.000	2	0	1	1
PL.18761	PL.121	A	4ACSR	7.55Y	125.8	0.01	0.15	25.45	21	186	49	97	0.01	0.0	0.312	0.009	0	0	0	43
PD.2663	PL.18761	A	35L	7.55Y	125.8	0.00	0.15	25.45	73	186	49	97	0.00	0.0	0.312	0.000	0	0	0	43
PL.18760	PD.2663	A	4ACSR	7.55Y	125.8	0.02	0.17	25.45	21	186	49	97	0.03	0.0	0.332	0.020	0	0	0	43
PL.9614	PL.18760	A	4ACSR	7.55Y	125.8	0.05	0.22	22.83	19	167	43	97	0.06	0.0	0.380	0.048	0	0	0	41
399783	PL.9614	A	Consumer	7.55Y	125.8	0.00	0.22	0.35	0	3	1	95	0.00	0.0	0.380	0.000	3	1	1	1
450719	PL.9614	A	Consumer	7.55Y	125.8	0.00	0.22	1.03	0	8	2	97	0.00	0.0	0.380	0.000	8	2	1	1
PL.40668	PL.9614	A	4ACSR	7.55Y	125.8	0.00	0.22	5.81	5	43	10	97	0.00	0.0	0.388	0.009	0	0	0	10
C PD.7254	PL.40668	A	fuse6AMP	7.55Y	125.8	0.00	0.22	5.81	99	43	10	97	0.00	0.0	0.388	0.000	0	0	0	10 C
PL.40669	PD.7254	A	4ACSR	7.55Y	125.8	0.01	0.23	5.81	5	43	10	97	0.00	0.0	0.428	0.040	0	0	0	10
PL.9157	PL.40669	A	4ACSR	7.55Y	125.8	0.00	0.24	5.81	5	43	10	97	0.00	0.0	0.441	0.013	0	0	0	10
PL.24001	PL.9157	A	4ACSR	7.54Y	125.7	0.02	0.26	5.81	5	43	10	97	0.01	0.0	0.519	0.077	0	0	0	10
PL.24002	PL.24001	A	4ACSR	7.54Y	125.7	0.00	0.26	2.56	2	19	4	98	0.00	0.0	0.554	0.035	0	0	0	5
PL.24711	PL.24002	A	4ACSR	7.54Y	125.7	0.00	0.26	1.11	1	8	2	97	0.00	0.0	0.602	0.047	0	0	0	2
PL.24712	PL.24711	A	4ACSR	7.54Y	125.7	0.00	0.26	0.51	0	4	1	97	0.00	0.0	0.620	0.018	0	0	0	1
399826	PL.24712	A	Consumer	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	0.620	0.000	0	0	0	0
399812	PL.24712	A	Consumer	7.54Y	125.7	0.00	0.26	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	0.26	0.60	0	4	1	97	0.00	0.0	0.602	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts					Thru KW	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	Thru KW										
399811	PL.24002	A	Consumer	7.54Y	125.7	0.00	0.26	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	0.26	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	0.26	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	0.26	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	0.26	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	0.26	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	0.26	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	0.26	0.93	0	7	2	96	0.00	0.0	0.519	0.000	7	2	1	1	
PL.9613	PL.9614	A	4ACSR	7.55Y	125.8	0.01	0.23	15.64	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	0.27	15.64	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	0.27	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	0.27	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	0.27	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	125.7	0.02	0.29	14.70	12	107	30	96	0.01	0.0	0.477	0.029	0	0	0	27	
PL.36666	PL.40630	A	4ACSR	7.54Y	125.7	0.02	0.31	14.01	12	102	29	96	0.02	0.0	0.513	0.035	0	0	0	25	
399782	PL.36666	A	Consumer	7.54Y	125.7	0.00	0.31	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	125.7	0.00	0.31	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	125.7	0.01	0.32	11.79	10	87	19	98	0.01	0.0	0.537	0.024	0	0	0	24	
PL.15742	PL.36662	A	4ACSR	7.54Y	125.7	0.02	0.34	10.19	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	125.7	0.00	0.34	10.19	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	125.7	0.00	0.34	10.19	0	75	17	98	0.00	0.0	0.581	0.000	0	0	0	21	
399723	PD.248-B	A	Consumer	7.54Y	125.7	0.00	0.34	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	125.7	0.00	0.34	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	125.7	0.00	0.35	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	125.7	0.00	0.35	3.58	61	26	6	97	0.00	0.0	0.591	0.000	0	0	0	8	
PL.40663	PD.7251	A	4ACSR	7.54Y	125.6	0.01	0.35	3.58	3	26	6	97	0.00	0.0	0.636	0.045	0	0	0	8	
PL.9616	PL.40663	A	4ACSR	7.54Y	125.6	0.01	0.36	3.13	3	23	5	98	0.00	0.0	0.672	0.037	0	0	0	7	
PL.9617	PL.9616	A	4ACSR	7.54Y	125.6	0.00	0.36	0.96	1	7	2	96	0.00	0.0	0.677	0.005	0	0	0	4	
PL.1813	PL.9617	A	4ACSR	7.54Y	125.6	0.00	0.36	0.96	1	7	2	96	0.00	0.0	0.740	0.063	0	0	0	4	
399815	PL.1813	A	Consumer	7.54Y	125.6	0.00	0.36	0.26	0	2	0	100	0.00	0.0	0.740	0.000	2	0	1	1	
399820	PL.1813	A	Consumer	7.54Y	125.6	0.00	0.36	0.01	0	0	0	100	0.00	0.0	0.740	0.000	0	0	1	1	
399816	PL.1813	A	Consumer	7.54Y	125.6	0.00	0.36	0.67	0	5	1	98	0.00	0.0	0.740	0.000	5	1	1	1	
399822	PL.1813	A	Consumer	7.54Y	125.6	0.00	0.36	0.02	0	0	0	100	0.00	0.0	0.740	0.000	0	0	1	1	
399781	PL.9616	A	Consumer	7.54Y	125.6	0.00	0.36	0.48	0	4	1	97	0.00	0.0	0.672	0.000	4	1	1	1	
399726	PL.9616	A	Consumer	7.54Y	125.6	0.00	0.36	0.50	0	4	1	97	0.00	0.0	0.672	0.000	4	1	1	1	
399785	PL.9616	A	Consumer	7.54Y	125.6	0.00	0.36	1.19	0	9	2	98	0.00	0.0	0.672	0.000	9	2	1	1	
3997108	PL.40663	A	Consumer	7.54Y	125.6	0.00	0.35	0.45	0	3	1	95	0.00	0.0	0.636	0.000	3	1	1	1	
PL.9615	PL.15741	A	4ACSR	7.54Y	125.6	0.02	0.37	6.53	5	48	11	97	0.01	0.0	0.669	0.085	0	0	0	12	

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
399777	PL.1809	B	Consumer	7.56Y	126.0	0.00	0.01	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	126.0	0.00	0.01	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	126.0	0.00	0.00	0.23	0	2	1	89	0.00	0.0	0.184	0.000	2	1	1	1
399736	PL.18819	C	Consumer	7.56Y	126.0	0.00	0.04	0.30	0	2	0	100	0.00	0.0	0.184	0.000	2	0	1	1
399773	PL.18819	C	Consumer	7.56Y	126.0	0.00	0.04	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	126.0	0.00	0.00	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	1527	0	0	0	0	0	12	0.00		1539
KVAR	576	0	0	-144	0	0	18			450

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 123.04 volts on PL.29316	2.96 volts on PL.29316	0.30 volts on PL.122
B-Phase -> 123.52 volts on PL.29247	2.48 volts on PL.29247	0.25 volts on PL.122
C-Phase -> 123.35 volts on PL.29606	2.65 volts on PL.29606	0.29 volts on PL.122

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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 sections for Feeder No. 3 and Feeder No. 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: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.45428, 0194125, 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.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							-Base Voltage	Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss			% Loss	KW			KVAR
018565	PL.42281	A	Consumer	7.46Y	124.3	0.00	1.71	0.00	0	0	0	100	0.00	0.0	1.716	0.000	0	0	1	1
0185086	PL.42281	B	Consumer	7.53Y	125.5	0.00	0.51	0.03	0	0	0	100	0.00	0.0	1.716	0.000	0	0	1	1
PL.42284	PL.42281	C	4ACSR	7.48Y	124.6	0.00	1.40	0.45	0	3	1	95	0.00	0.0	1.720	0.004	0	0	0	1
PD.7677	PL.42284	C	fuse6AMP	7.48Y	124.6	0.00	1.40	0.45	8	3	1	95	0.00	0.0	1.720	0.000	0	0	0	1
PL.42285	PD.7677	C	4ACSR	7.48Y	124.6	0.00	1.40	0.45	0	3	1	95	0.00	0.0	1.773	0.053	0	0	0	1
0185084	PL.42285	C	Consumer	7.48Y	124.6	0.00	1.40	0.45	0	3	1	95	0.00	0.0	1.773	0.000	3	1	1	1
PL.42289	PL.42281	A	336ACSR	7.46Y	124.3	0.04	1.74	74.92	17	526	189	94	0.09	0.0	1.758	0.042	0	0	0	119
		B		7.53Y	125.5	-0.02	0.49	0.65	0	4	2	90			0	0	0	0	0	0
		C		7.48Y	124.6	0.01	1.40	0.66	0	4	2	90			0	0	0	0	0	0
PL.42290	PL.42289	A	336ACSR	7.45Y	124.2	0.01	1.75	74.26	17	521	186	94	0.02	0.0	1.767	0.009	0	0	0	119
		B		7.53Y	125.5	-0.00	0.49	0.00	0	0	0	100			0	0	0	0	0	0
		C		7.48Y	124.6	0.00	1.41	0.00	0	0	0	100			0	0	0	0	0	0
PL.6099	PL.42290	A	336ACSR	7.45Y	124.2	0.03	1.78	74.26	17	521	186	94	0.08	0.0	1.801	0.034	0	0	0	119
		B		7.53Y	125.5	-0.02	0.47	0.00	0	0	0	100			0	0	0	0	0	0
		C		7.48Y	124.6	0.01	1.41	0.00	0	0	0	100			0	0	0	0	0	0
018504	PL.6099	A	Consumer	7.45Y	124.2	0.00	1.78	1.06	0	7	3	92	0.00	0.0	1.801	0.000	7	3	1	1
018571	PL.6099	A	Consumer	7.45Y	124.2	0.00	1.78	0.89	0	6	2	95	0.00	0.0	1.801	0.000	6	2	1	1
PL.42295	PL.6099	A	4ACSR	7.45Y	124.2	0.03	1.81	60.36	51	423	152	94	0.08	0.0	1.811	0.009	0	0	0	102
PL.42296	PL.42295	A	4ACSR	7.44Y	124.1	0.14	1.94	60.36	51	423	152	94	0.43	0.1	1.860	0.049	0	0	0	102
PL.4494	PL.42296	A	4ACSR	7.44Y	124.0	0.11	2.05	58.98	50	413	148	94	0.33	0.1	1.899	0.039	0	0	0	101
PL.12945	PL.4494	A	4ACSR	7.43Y	123.8	0.11	2.16	55.61	47	389	140	94	0.31	0.1	1.942	0.043	0	0	0	96
PL.12946	PL.12945	A	4ACSR	7.43Y	123.8	0.05	2.21	53.78	45	376	135	94	0.15	0.0	1.963	0.021	0	0	0	92
PL.16847	PL.12946	A	4ACSR	7.43Y	123.8	0.03	2.24	53.44	45	373	135	94	0.08	0.0	1.975	0.012	0	0	0	91
C PD.1941	PL.16847	A	fuse6AMP	7.43Y	123.8	0.00	2.24	53.44	913	373	134	94	0.00	0.0	1.975	0.000	0	0	0	91 C
PL.27646	PD.1941	A	4ACSR	7.42Y	123.6	0.18	2.42	53.44	45	373	134	94	0.50	0.1	2.048	0.073	0	0	0	91
PL.27647	PL.27646	A	4ACSR	7.41Y	123.4	0.15	2.56	50.68	43	354	127	94	0.39	0.1	2.111	0.063	0	0	0	89
PL.12947	PL.27647	A	4ACSR	7.40Y	123.3	0.17	2.73	50.68	43	353	127	94	0.45	0.1	2.183	0.073	0	0	0	89
PL.12948	PL.12947	A	4ACSR	7.39Y	123.2	0.06	2.78	48.96	41	341	123	94	0.14	0.0	2.208	0.025	0	0	0	87
018527	PL.12948	A	Consumer	7.39Y	123.2	0.00	2.78	0.39	0	3	1	95	0.00	0.0	2.208	0.000	3	1	1	1
018513	PL.12948	A	Consumer	7.39Y	123.2	0.00	2.78	1.16	0	8	3	94	0.00	0.0	2.208	0.000	8	3	1	1
0185088	PL.12948	A	Consumer	7.39Y	123.2	0.00	2.78	0.00	0	0	0	100	0.00	0.0	2.208	0.000	0	0	0	0
018522	PL.12948	A	Consumer	7.39Y	123.2	0.00	2.78	0.28	0	2	1	89	0.00	0.0	2.208	0.000	2	1	1	1
018501	PL.12948	A	Consumer	7.39Y	123.2	0.00	2.78	1.98	0	14	5	94	0.00	0.0	2.208	0.000	14	5	1	1
0185087	PL.12948	A	Consumer	7.39Y	123.2	0.00	2.78	0.00	0	0	0	100	0.00	0.0	2.208	0.000	0	0	0	0
PL.12949	PL.12948	A	4ACSR	7.39Y	123.2	0.04	2.83	45.15	38	314	113	94	0.10	0.0	2.228	0.021	0	0	0	83
PL.1693	PL.12949	A	4ACSR	7.39Y	123.2	0.00	2.83	0.55	0	4	1	97	0.00	0.0	2.366	0.137	0	0	0	1
018572	PL.1693	A	Consumer	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	2.366	0.000	0	0	0	0
PL.33973	PL.1693	A	2ACSR	7.39Y	123.2	0.00	2.83	0.55	0	4	1	97	0.00	0.0	2.445	0.079	0	0	0	1
0185083	PL.33973	A	Consumer	7.39Y	123.2	0.00	2.83	0.55	0	4	1	97	0.00	0.0	2.445	0.000	4	1	1	1
PL.12950	PL.12949	A	4ACSR	7.39Y	123.1	0.07	2.90	44.60	37	310	112	94	0.17	0.1	2.264	0.036	0	0	0	82
PL.17125	PL.12950	A	4ACSR	7.39Y	123.1	0.00	2.90	4.67	4	32	12	94	0.00	0.0	2.275	0.010	0	0	0	6

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.1944	PL.17125	A	fuse6AMP	7.39Y	123.1	0.00	2.90	4.67	80	32	12	94	0.00	0.0	2.275	0.000	0	0	0	6
PL.45353	PD.1944	A	4ACSR	7.39Y	123.1	0.01	2.91	4.67	4	32	12	94	0.00	0.0	2.312	0.037	0	0	0	6
PL.45354	PL.45353	A	4ACSR	7.38Y	123.1	0.02	2.93	4.13	3	28	11	93	0.00	0.0	2.394	0.082	0	0	0	5
PL.12951	PL.45354	A	4ACSR	7.38Y	123.1	0.01	2.94	3.20	3	22	9	93	0.00	0.0	2.462	0.068	0	0	0	4
PL.1670	PL.12951	A	4ACSR	7.38Y	123.1	0.01	2.94	2.17	2	15	6	93	0.00	0.0	2.524	0.063	0	0	0	3
PL.1669	PL.1670	A	4ACSR	7.38Y	123.1	0.00	2.95	2.17	2	15	6	93	0.00	0.0	2.566	0.041	0	0	0	3
018558	PL.1669	A	Consumer	7.38Y	123.1	0.00	2.95	0.39	0	3	1	95	0.00	0.0	2.566	0.000	3	1	1	1
018575	PL.1669	A	Consumer	7.38Y	123.1	0.00	2.95	1.07	0	7	3	92	0.00	0.0	2.566	0.000	7	3	1	1
018562	PL.1669	A	Consumer	7.38Y	123.1	0.00	2.95	0.71	0	5	2	93	0.00	0.0	2.566	0.000	5	2	1	1
PL.12952	PL.12951	A	4ACSR	7.38Y	123.1	0.00	2.94	1.03	1	7	2	96	0.00	0.0	2.549	0.088	0	0	0	1
018563	PL.12952	A	Consumer	7.38Y	123.1	0.00	2.94	1.03	0	7	2	96	0.00	0.0	2.549	0.000	7	2	1	1
PL.1679	PL.45354	A	4ACSR	7.38Y	123.1	0.00	2.93	0.93	1	6	2	95	0.00	0.0	2.507	0.113	0	0	0	1
018576	PL.1679	A	Consumer	7.38Y	123.1	0.00	2.93	0.93	0	6	2	95	0.00	0.0	2.507	0.000	6	2	1	1
018518	PL.45353	A	Consumer	7.39Y	123.1	0.00	2.91	0.54	0	4	1	97	0.00	0.0	2.312	0.000	4	1	1	1
PL.17123	PL.12950	A	4ACSR	7.39Y	123.1	0.00	2.90	4.28	4	30	10	95	0.00	0.0	2.270	0.006	0	0	0	4
PD.1943	PL.17123	A	fuse6AMP	7.39Y	123.1	0.00	2.90	4.28	73	30	10	95	0.00	0.0	2.270	0.000	0	0	0	4
PL.17124	PD.1943	A	4ACSR	7.39Y	123.1	0.01	2.91	4.28	4	30	10	95	0.00	0.0	2.321	0.050	0	0	0	4
018557	PL.17124	A	Consumer	7.39Y	123.1	0.00	2.91	0.00	0	0	0	100	0.00	0.0	2.321	0.000	0	0	1	1
018510	PL.17124	A	Consumer	7.39Y	123.1	0.00	2.91	1.81	0	13	4	96	0.00	0.0	2.321	0.000	13	4	1	1
PL.1668	PL.17124	A	4ACSR	7.39Y	123.1	0.00	2.91	2.46	2	17	6	94	0.00	0.0	2.338	0.018	0	0	0	2
PL.1671	PL.1668	A	4ACSR	7.38Y	123.1	0.00	2.92	2.46	2	17	6	94	0.00	0.0	2.370	0.032	0	0	0	2
018573	PL.1671	A	Consumer	7.38Y	123.1	0.00	2.92	1.53	0	11	4	94	0.00	0.0	2.370	0.000	11	4	1	1
PL.23754	PL.1671	A	4ACSR	7.38Y	123.1	0.01	2.92	0.93	1	6	2	95	0.00	0.0	2.489	0.119	0	0	0	1
018577	PL.23754	A	Consumer	7.38Y	123.1	0.00	2.92	0.93	0	6	2	95	0.00	0.0	2.489	0.000	6	2	1	1
PL.6104	PL.12950	A	4ACSR	7.38Y	123.0	0.08	2.98	35.65	30	248	89	94	0.14	0.1	2.312	0.048	0	0	0	72
018519	PL.6104	A	Consumer	7.38Y	123.0	0.00	2.98	0.19	0	1	0	100	0.00	0.0	2.312	0.000	1	0	1	1
PL.28908	PL.6104	A	4ACSR	7.38Y	123.0	0.00	2.98	35.47	30	246	89	94	0.00	0.0	2.312	0.000	0	0	0	71
PL.28909	PL.28908	A	4ACSR	7.38Y	122.9	0.10	3.08	35.47	30	246	89	94	0.19	0.1	2.377	0.065	0	0	0	71
018551	PL.28909	A	Consumer	7.38Y	122.9	0.00	3.08	0.26	0	2	1	89	0.00	0.0	2.377	0.000	2	1	1	1
018509	PL.28909	A	Consumer	7.38Y	122.9	0.00	3.08	0.59	0	4	1	97	0.00	0.0	2.377	0.000	4	1	1	1
018516	PL.28909	A	Consumer	7.38Y	122.9	0.00	3.08	1.02	0	7	2	96	0.00	0.0	2.377	0.000	7	2	1	1
PL.12953	PL.28909	A	4ACSR	7.37Y	122.8	0.12	3.21	33.59	28	233	84	94	0.22	0.1	2.457	0.080	0	0	0	68
PL.12954	PL.12953	A	4ACSR	7.36Y	122.7	0.05	3.25	32.07	27	222	80	94	0.08	0.0	2.490	0.034	0	0	0	65
018539	PL.12954	A	Consumer	7.36Y	122.7	0.00	3.25	0.35	0	2	1	89	0.00	0.0	2.490	0.000	2	1	1	1
018582	PL.12954	A	Consumer	7.36Y	122.7	0.00	3.25	0.99	0	7	2	96	0.00	0.0	2.490	0.000	7	2	1	1
018507	PL.12954	A	Consumer	7.36Y	122.7	0.00	3.25	0.70	0	5	2	93	0.00	0.0	2.490	0.000	5	2	1	1
018556	PL.12954	A	Consumer	7.36Y	122.7	0.00	3.25	0.82	0	6	2	95	0.00	0.0	2.490	0.000	6	2	1	1
PL.18894	PL.12954	A	4ACSR	7.36Y	122.7	0.01	3.26	29.21	25	202	73	94	0.01	0.0	2.497	0.007	0	0	0	61

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 elements like PD.158-A, PL.18895, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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), and Cons On/Thru. Rows list various elements like 017513, 017526, PL.33766, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 016647, PL.12963, PL.12964, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
017504	PL.6107	A	Consumer	7.33Y	122.2	0.00	3.84	0.45	0	3	1	95	0.00	0.0	3.115	0.000	3	1	1	1
PL.6108	PL.6107	A	4ACSR	7.33Y	122.2	0.00	3.84	2.48	2	16	8	89	0.00	0.0	3.148	0.033	0	0	0	2
PL.42299	PL.6108	A	2ACSR	7.33Y	122.1	0.04	3.88	2.48	2	16	8	89	0.00	0.0	3.595	0.447	0	0	0	2
0175054	PL.42299	A	Consumer	7.33Y	122.1	0.00	3.88	0.79	0	5	3	86	0.00	0.0	3.595	0.000	5	3	1	1
0175056	0175054	A	Consumer	7.33Y	122.1	0.00	3.88	0.00	0	0	0	100	0.00	0.0	3.595	0.000	0	0	0	0
017510	PL.42299	A	Consumer	7.33Y	122.1	0.00	3.88	1.69	0	11	5	91	0.00	0.0	3.595	0.000	11	5	1	1
PL.45229	PL.45230	A	4ACSR	7.33Y	122.2	0.01	3.84	1.95	2	13	5	93	0.00	0.0	3.146	0.093	0	0	0	4
017534	PL.45229	A	Consumer	7.33Y	122.2	0.00	3.84	0.35	0	2	1	89	0.00	0.0	3.146	0.000	2	1	1	1
017523	PL.45229	A	Consumer	7.33Y	122.2	0.00	3.84	0.56	0	4	1	97	0.00	0.0	3.146	0.000	4	1	1	1
017540	PL.45229	A	Consumer	7.33Y	122.2	0.00	3.84	0.53	0	4	1	97	0.00	0.0	3.146	0.000	4	1	1	1
017532	PL.45229	A	Consumer	7.33Y	122.2	0.00	3.84	0.51	0	4	1	97	0.00	0.0	3.146	0.000	4	1	1	1
PL.1683	PL.6105	A	4ACSR	7.34Y	122.3	0.00	3.71	0.61	1	4	1	97	0.00	0.0	2.943	0.048	0	0	0	1
017525	PL.1683	A	Consumer	7.34Y	122.3	0.00	3.71	0.61	0	4	1	97	0.00	0.0	2.943	0.000	4	1	1	1
PL.20723	PL.6105	A	4ACSR	7.34Y	122.3	0.00	3.71	0.97	1	7	2	96	0.00	0.0	2.917	0.022	0	0	0	2
PD.3475	PL.20723	A	fuse6AMP	7.34Y	122.3	0.00	3.71	0.97	17	7	2	96	0.00	0.0	2.917	0.000	0	0	0	2
PL.20724	PD.3475	A	4ACSR	7.34Y	122.3	0.00	3.72	0.97	1	7	2	96	0.00	0.0	2.962	0.045	0	0	0	2
017517	PL.20724	A	Consumer	7.34Y	122.3	0.00	3.72	0.42	0	3	1	95	0.00	0.0	2.962	0.000	3	1	1	1
017505	PL.20724	A	Consumer	7.34Y	122.3	0.00	3.72	0.55	0	4	1	97	0.00	0.0	2.962	0.000	4	1	1	1
PL.17485	PL.12957	A	4ACSR	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	2.777	0.009	0	0	0	0
PD.1947	PL.17485	A	fuse6AMP	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	2.777	0.000	0	0	0	0
PL.17486	PD.1947	A	4ACSR	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	2.830	0.053	0	0	0	0
017529	PL.17486	A	Consumer	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	2.830	0.000	0	0	0	0
PL.27695	PL.6106	A	4ACSR	7.35Y	122.4	0.00	3.57	3.91	3	27	9	95	0.00	0.0	2.743	0.007	0	0	0	8
PD.1946	PL.27695	A	fuse6AMP	7.35Y	122.4	0.00	3.57	3.91	67	27	9	95	0.00	0.0	2.743	0.000	0	0	0	8
PL.27696	PD.1946	A	4ACSR	7.35Y	122.4	0.01	3.58	3.91	3	27	9	95	0.00	0.0	2.785	0.042	0	0	0	8
PL.4495	PL.27696	A	4ACSR	7.35Y	122.4	0.00	3.58	3.44	3	24	8	95	0.00	0.0	2.804	0.020	0	0	0	7
017549	PL.4495	A	Consumer	7.35Y	122.4	0.00	3.58	0.85	0	6	2	95	0.00	0.0	2.804	0.000	6	2	1	1
017533	PL.4495	A	Consumer	7.35Y	122.4	0.00	3.58	0.44	0	3	1	95	0.00	0.0	2.804	0.000	3	1	1	1
017516	PL.4495	A	Consumer	7.35Y	122.4	0.00	3.58	0.20	0	1	0	100	0.00	0.0	2.804	0.000	1	0	1	1
017536	PL.4495	A	Consumer	7.35Y	122.4	0.00	3.58	0.02	0	0	0	100	0.00	0.0	2.804	0.000	0	0	1	1
PL.1688	PL.4495	A	4ACSR	7.34Y	122.4	0.01	3.58	1.92	2	13	5	93	0.00	0.0	2.868	0.064	0	0	0	3
PL.33993	PL.1688	A	2ACSR	7.34Y	122.4	0.00	3.58	0.66	0	5	2	93	0.00	0.0	2.913	0.045	0	0	0	1
0175053	PL.33993	A	Consumer	7.34Y	122.4	0.00	3.58	0.66	0	5	2	93	0.00	0.0	2.913	0.000	5	2	1	1
0175052	PL.33993	A	Consumer	7.34Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	2.913	0.000	0	0	0	0
017548	PL.1688	A	Consumer	7.34Y	122.4	0.00	3.58	0.75	0	5	2	93	0.00	0.0	2.868	0.000	5	2	1	1
017547	PL.1688	A	Consumer	7.34Y	122.4	0.00	3.58	0.51	0	4	1	97	0.00	0.0	2.868	0.000	4	1	1	1
017543	PL.27696	A	Consumer	7.35Y	122.4	0.00	3.58	0.47	0	3	1	95	0.00	0.0	2.785	0.000	3	1	1	1
017515	PL.12956	A	Consumer	7.35Y	122.5	0.00	3.53	0.41	0	3	1	95	0.00	0.0	2.709	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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							
017541	PL.12956	A	Consumer	7.35Y	122.5	0.00	3.53	0.61	0	4	1	97	0.00	0.0	2.709	0.000	4	1	1	1
018521	PL.18895	A	Consumer	7.36Y	122.7	0.00	3.31	0.64	0	4	2	89	0.00	0.0	2.530	0.000	4	2	1	1
018506	PL.18895	A	Consumer	7.36Y	122.7	0.00	3.31	0.10	0	1	0	100	0.00	0.0	2.530	0.000	1	0	1	1
018512	PL.18895	A	Consumer	7.36Y	122.7	0.00	3.31	0.51	0	4	1	97	0.00	0.0	2.530	0.000	4	1	1	1
018549	PL.18895	A	Consumer	7.36Y	122.7	0.00	3.31	0.06	0	0	0	100	0.00	0.0	2.530	0.000	0	0	1	1
018560	PL.12953	A	Consumer	7.37Y	122.8	0.00	3.21	0.30	0	2	1	89	0.00	0.0	2.457	0.000	2	1	1	1
018528	PL.12953	A	Consumer	7.37Y	122.8	0.00	3.21	0.83	0	6	2	95	0.00	0.0	2.457	0.000	6	2	1	1
018559	PL.12953	A	Consumer	7.37Y	122.8	0.00	3.21	0.39	0	3	1	95	0.00	0.0	2.457	0.000	3	1	1	1
PL.16845	PL.12947	A	4ACSR	7.40Y	123.3	0.00	2.73	1.72	1	12	4	95	0.00	0.0	2.191	0.008	0	0	0	2
PD.1942	PL.16845	A	fuse6AMP	7.40Y	123.3	0.00	2.73	1.72	29	12	4	95	0.00	0.0	2.191	0.000	0	0	0	2
PL.16846	PD.1942	A	4ACSR	7.40Y	123.3	0.01	2.74	1.72	1	12	4	95	0.00	0.0	2.352	0.161	0	0	0	2
018564	PL.16846	A	Consumer	7.40Y	123.3	0.00	2.74	1.10	0	8	3	94	0.00	0.0	2.352	0.000	8	3	1	1
018553	PL.16846	A	Consumer	7.40Y	123.3	0.00	2.74	0.62	0	4	2	89	0.00	0.0	2.352	0.000	4	2	1	1
018511	PL.27646	A	Consumer	7.42Y	123.6	0.00	2.42	1.31	0	9	3	95	0.00	0.0	2.048	0.000	9	3	1	1
018525	PL.27646	A	Consumer	7.42Y	123.6	0.00	2.42	1.45	0	10	4	93	0.00	0.0	2.048	0.000	10	4	1	1
PL.1667	PL.12946	A	4ACSR	7.43Y	123.8	0.00	2.21	0.35	0	2	1	89	0.00	0.0	2.021	0.058	0	0	0	1
PL.6102	PL.1667	A	4ACSR	7.43Y	123.8	0.00	2.21	0.35	0	2	1	89	0.00	0.0	2.071	0.050	0	0	0	1
PL.6103	PL.6102	A	4ACSR	7.43Y	123.8	0.00	2.21	0.35	0	2	1	89	0.00	0.0	2.120	0.050	0	0	0	1
018523	PL.6103	A	Consumer	7.43Y	123.8	0.00	2.21	0.35	0	2	1	89	0.00	0.0	2.120	0.000	2	1	1	1
PL.16849	PL.12945	A	4ACSR	7.43Y	123.8	0.00	2.16	1.83	2	13	4	96	0.00	0.0	1.954	0.013	0	0	0	4
PD.1940	PL.16849	A	fuse6AMP	7.43Y	123.8	0.00	2.16	1.83	31	13	4	96	0.00	0.0	1.954	0.000	0	0	0	4
PL.16848	PD.1940	A	4ACSR	7.43Y	123.8	0.01	2.16	1.83	2	13	4	96	0.00	0.0	2.019	0.065	0	0	0	4
018540	PL.16848	A	Consumer	7.43Y	123.8	0.00	2.16	0.54	0	4	1	97	0.00	0.0	2.019	0.000	4	1	1	1
018514	PL.16848	A	Consumer	7.43Y	123.8	0.00	2.16	0.83	0	6	2	95	0.00	0.0	2.019	0.000	6	2	1	1
018580	PL.16848	A	Consumer	7.43Y	123.8	0.00	2.16	0.21	0	1	1	71	0.00	0.0	2.019	0.000	1	1	1	1
018541	PL.16848	A	Consumer	7.43Y	123.8	0.00	2.16	0.24	0	2	1	89	0.00	0.0	2.019	0.000	2	1	1	1
PL.33762	PL.4494	A	4ACSR	7.44Y	123.9	0.00	2.05	2.38	2	17	5	96	0.00	0.0	1.910	0.011	0	0	0	3
PD.4028	PL.33762	A	fuse6AMP	7.44Y	123.9	0.00	2.05	2.38	41	17	5	96	0.00	0.0	1.910	0.000	0	0	0	3
PL.33763	PD.4028	A	4ACSR	7.44Y	123.9	0.01	2.06	2.38	2	17	5	96	0.00	0.0	1.962	0.052	0	0	0	3
PL.12944	PL.33763	A	4ACSR	7.44Y	123.9	0.01	2.06	1.62	1	11	4	94	0.00	0.0	2.053	0.091	0	0	0	2
018579	PL.12944	A	Consumer	7.44Y	123.9	0.00	2.06	0.56	0	4	1	97	0.00	0.0	2.053	0.000	4	1	1	1
018578	PL.12944	A	Consumer	7.44Y	123.9	0.00	2.06	1.06	0	7	3	92	0.00	0.0	2.053	0.000	7	3	1	1
PL.1692	PL.33763	A	1/0EPRJCN	7.44Y	123.9	0.00	2.06	0.76	0	5	1	98	0.00	0.0	2.052	0.090	0	0	0	1
018581	PL.1692	A	Consumer	7.44Y	123.9	0.00	2.06	0.78	0	5	2	93	0.00	0.0	2.052	0.000	5	2	1	1
018520	PL.4494	A	Consumer	7.44Y	124.0	0.00	2.05	0.01	0	0	0	100	0.00	0.0	1.899	0.000	0	0	1	1
018502	PL.4494	A	Consumer	7.44Y	124.0	0.00	2.05	0.98	0	7	2	96	0.00	0.0	1.899	0.000	7	2	1	1
018503	PL.42296	A	Consumer	7.44Y	124.1	0.00	1.94	1.38	0	10	3	96	0.00	0.0	1.860	0.000	10	3	1	1
PL.16850	PL.6099	A	4ACSR	7.45Y	124.2	0.01	1.79	11.96	10	84	29	95	0.00	0.0	1.814	0.013	0	0	0	15

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 PD.1939, PL.16851, PL.1666, 018568, 018567, PL.27849, 018531, 018530, PL.27850, 018544, 018545, 018532, 018542, 018546, 018529, PL.12942, PL.20040, 018547, PL.20041, PL.19418, 018537, 018538, 018536, 018534, 018535, PL.42293, PD.7679, PL.42294, 0185085, PL.17126, PD.1937, PL.17127, 019510, 018505.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ 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	KVAR	% PF	kW Loss	% Loss						
							Drop	Amps	Cap	KW										
PL.42291	PL.12934	B	4ACSR	7.52Y	125.3	0.01	0.74	25.98	22	184	65	94	0.01	0.0	1.284	0.006	0	0	0	39
PD.7678-A	PL.42291	B	Closed	7.52Y	125.3	0.00	0.74	25.98	0	184	65	94	0.00	0.0	1.284	0.000	0	0	0	39
PD.7678-B	PD.7678-A	B	Closed	7.52Y	125.3	0.00	0.74	25.98	0	184	65	94	0.00	0.0	1.284	0.000	0	0	0	39
PL.42292	PD.7678-B	B	4ACSR	7.51Y	125.2	0.06	0.80	25.98	22	184	65	94	0.08	0.0	1.331	0.048	0	0	0	39
PD.3367	PL.42292	B	50V4E	7.51Y	125.2	0.00	0.80	25.98	52	184	65	94	0.00	0.0	1.331	0.000	0	0	0	39
PL.17129	PD.3367	B	4ACSR	7.51Y	125.2	0.01	0.80	25.98	22	184	65	94	0.01	0.0	1.336	0.005	0	0	0	39
019542	PL.17129	B	Consumer	7.51Y	125.2	0.00	0.80	0.03	0	0	0	100	0.00	0.0	1.336	0.000	0	0	1	1
019535	PL.17129	B	Consumer	7.51Y	125.2	0.00	0.80	0.64	0	5	2	93	0.00	0.0	1.336	0.000	5	2	1	1
019517	PL.17129	B	Consumer	7.51Y	125.2	0.00	0.80	1.21	0	9	3	95	0.00	0.0	1.336	0.000	9	3	1	1
019530	PL.17129	B	Consumer	7.51Y	125.2	0.00	0.80	0.89	0	6	2	95	0.00	0.0	1.336	0.000	6	2	1	1
019528	PL.17129	B	Consumer	7.51Y	125.2	0.00	0.80	0.15	0	1	0	100	0.00	0.0	1.336	0.000	1	0	1	1
019526	PL.17129	B	Consumer	7.51Y	125.2	0.00	0.80	0.18	0	1	0	100	0.00	0.0	1.336	0.000	1	0	1	1
PL.6115	PL.17129	B	4ACSR	7.51Y	125.1	0.06	0.86	22.88	19	162	57	94	0.07	0.0	1.389	0.053	0	0	0	33
PL.1678	PL.6115	B	4ACSR	7.51Y	125.1	0.01	0.86	4.08	3	29	10	95	0.00	0.0	1.417	0.028	0	0	0	6
PL.6114	PL.1678	B	4ACSR	7.51Y	125.1	0.00	0.87	3.06	3	22	8	94	0.00	0.0	1.437	0.020	0	0	0	4
PL.19892	PL.6114	B	4ACSR	7.51Y	125.1	0.00	0.87	3.06	3	22	8	94	0.00	0.0	1.456	0.019	0	0	0	4
019547	PL.19892	B	Consumer	7.51Y	125.1	0.00	0.87	0.82	0	6	2	95	0.00	0.0	1.456	0.000	6	2	1	1
PL.19893	PL.19892	B	4ACSR	7.51Y	125.1	0.00	0.87	2.24	2	16	6	94	0.00	0.0	1.489	0.034	0	0	0	3
PL.6122	PL.19893	B	4ACSR	7.51Y	125.1	0.00	0.87	1.19	1	8	3	94	0.00	0.0	1.515	0.026	0	0	0	1
019548	PL.6122	B	Consumer	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	1.515	0.000	0	0	0	0
019575	PL.6122	B	Consumer	7.51Y	125.1	0.00	0.87	1.19	0	8	3	94	0.00	0.0	1.515	0.000	8	3	1	1
019578	PL.19893	B	Consumer	7.51Y	125.1	0.00	0.87	0.56	0	4	1	97	0.00	0.0	1.489	0.000	4	1	1	1
019590	PL.19893	B	Consumer	7.51Y	125.1	0.00	0.87	0.49	0	3	1	95	0.00	0.0	1.489	0.000	3	1	1	1
019521	PL.1678	B	Consumer	7.51Y	125.1	0.00	0.86	0.37	0	3	1	95	0.00	0.0	1.417	0.000	3	1	1	1
019558	PL.1678	B	Consumer	7.51Y	125.1	0.00	0.86	0.65	0	5	2	93	0.00	0.0	1.417	0.000	5	2	1	1
PL.33675	PL.6115	B	4ACSR	7.51Y	125.1	0.01	0.87	17.54	15	124	44	94	0.01	0.0	1.404	0.015	0	0	0	25
C PD.3988	PL.33675	B	fuse6AMP	7.51Y	125.1	0.00	0.87	17.54	300	124	44	94	0.00	0.0	1.404	0.000	0	0	0	25 C
PL.33676	PD.3988	B	4ACSR	7.50Y	125.1	0.06	0.93	17.54	15	124	44	94	0.06	0.0	1.479	0.075	0	0	0	25
PL.1651	PL.33676	B	4ACSR	7.50Y	125.1	0.01	0.94	6.65	6	47	17	94	0.00	0.0	1.512	0.033	0	0	0	8
PL.1652	PL.1651	B	4ACSR	7.50Y	125.0	0.01	0.95	5.39	5	38	13	95	0.00	0.0	1.566	0.054	0	0	0	5
019539	PL.1652	B	Consumer	7.50Y	125.0	0.00	0.95	0.78	0	6	2	95	0.00	0.0	1.566	0.000	6	2	1	1
019519	PL.1652	B	Consumer	7.50Y	125.0	0.00	0.95	1.64	0	12	4	95	0.00	0.0	1.566	0.000	12	4	1	1
019573	PL.1652	B	Consumer	7.50Y	125.0	0.00	0.95	1.79	0	13	4	96	0.00	0.0	1.566	0.000	13	4	1	1
PL.1653	PL.1652	B	4ACSR	7.50Y	125.0	0.00	0.96	1.18	1	8	3	94	0.00	0.0	1.590	0.024	0	0	0	2
019580	PL.1653	B	Consumer	7.50Y	125.0	0.00	0.96	0.78	0	6	2	95	0.00	0.0	1.590	0.000	6	2	1	1
019556	PL.1653	B	Consumer	7.50Y	125.0	0.00	0.96	0.39	0	3	1	95	0.00	0.0	1.590	0.000	3	1	1	1
019529	PL.1651	B	Consumer	7.50Y	125.1	0.00	0.94	0.77	0	5	2	93	0.00	0.0	1.512	0.000	5	2	1	1
019579	PL.1651	B	Consumer	7.50Y	125.1	0.00	0.94	0.25	0	2	1	89	0.00	0.0	1.512	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name		Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts						mi From Src	-----Element-----					
								Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	% PF		kW Loss	% Loss	Length (mi)	KW	KVAR	Cons On
019566	PL.1651	B	Consumer	7.50Y	125.1	0.00	0.94	0.24	0	2	1	89	0.00	0.0	1.512	0.000	2	1	1	1
PL.33677	PL.33676	B	4ACSR	7.50Y	125.1	0.00	0.93	7.66	6	54	19	94	0.00	0.0	1.491	0.012	0	0	0	13
C PD.3989	PL.33677	B	fuse6AMP	7.50Y	125.1	0.00	0.93	7.66	131	54	19	94	0.00	0.0	1.491	0.000	0	0	0	13 C
PL.33678	PD.3989	B	4ACSR	7.50Y	125.0	0.02	0.95	7.66	6	54	19	94	0.01	0.0	1.548	0.058	0	0	0	13
PL.6121	PL.33678	B	4ACSR	7.50Y	125.0	0.02	0.97	5.85	5	41	14	95	0.01	0.0	1.614	0.065	0	0	0	9
PL.6130	PL.6121	B	4ACSR	7.50Y	125.0	0.01	0.98	4.79	4	34	12	94	0.00	0.0	1.637	0.023	0	0	0	7
019553	PL.6130	B	Consumer	7.50Y	125.0	0.00	0.98	1.11	0	8	3	94	0.00	0.0	1.637	0.000	8	3	1	1
019591	PL.6130	B	Consumer	7.50Y	125.0	0.00	0.98	0.91	0	6	2	95	0.00	0.0	1.637	0.000	6	2	1	1
PL.6131	PL.6130	B	4ACSR	7.50Y	125.0	0.00	0.98	2.77	2	20	7	94	0.00	0.0	1.674	0.037	0	0	0	5
PL.12939	PL.6131	B	4ACSR	7.50Y	125.0	0.00	0.98	0.50	0	4	1	97	0.00	0.0	1.741	0.066	0	0	0	2
019561	PL.12939	B	Consumer	7.50Y	125.0	0.00	0.98	0.00	0	0	0	100	0.00	0.0	1.741	0.000	0	0	0	0
PL.12940	PL.12939	B	4ACSR	7.50Y	125.0	0.00	0.98	0.50	0	4	1	97	0.00	0.0	1.761	0.020	0	0	0	2
PL.12941	PL.12940	B	4ACSR	7.50Y	125.0	0.00	0.99	0.23	0	2	1	89	0.00	0.0	1.881	0.120	0	0	0	1
018543	PL.12941	B	Consumer	7.50Y	125.0	0.00	0.99	0.23	0	2	1	89	0.00	0.0	1.881	0.000	2	1	1	1
PL.4492	PL.12941	B	4ACSR	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.937	0.055	0	0	0	0
018554	PL.12940	B	Consumer	7.50Y	125.0	0.00	0.98	0.27	0	2	1	89	0.00	0.0	1.761	0.000	2	1	1	1
019569	PL.6131	B	Consumer	7.50Y	125.0	0.00	0.98	0.38	0	3	1	95	0.00	0.0	1.674	0.000	3	1	1	1
019546	PL.6131	B	Consumer	7.50Y	125.0	0.00	0.98	1.21	0	9	3	95	0.00	0.0	1.674	0.000	9	3	1	1
PL.33679	PL.6131	B	4ACSR	7.50Y	125.0	0.00	0.98	0.68	1	5	2	93	0.00	0.0	1.685	0.010	0	0	0	1
PD.3990	PL.33679	B	fuse6AMP	7.50Y	125.0	0.00	0.98	0.68	12	5	2	93	0.00	0.0	1.685	0.000	0	0	0	1
PL.33680	PD.3990	B	4ACSR	7.50Y	125.0	0.00	0.98	0.68	1	5	2	93	0.00	0.0	1.713	0.028	0	0	0	1
019572	PL.33680	B	Consumer	7.50Y	125.0	0.00	0.98	0.68	0	5	2	93	0.00	0.0	1.713	0.000	5	2	1	1
019586	PL.6121	B	Consumer	7.50Y	125.0	0.00	0.97	0.05	0	0	0	100	0.00	0.0	1.614	0.000	0	0	1	1
019545	PL.6121	B	Consumer	7.50Y	125.0	0.00	0.97	1.01	0	7	2	96	0.00	0.0	1.614	0.000	7	2	1	1
019557	PL.33678	B	Consumer	7.50Y	125.0	0.00	0.95	0.49	0	3	1	95	0.00	0.0	1.548	0.000	3	1	1	1
019582	PL.33678	B	Consumer	7.50Y	125.0	0.00	0.95	0.94	0	7	2	96	0.00	0.0	1.548	0.000	7	2	1	1
019570	PL.33678	B	Consumer	7.50Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	1.548	0.000	0	0	0	0
019568	PL.33678	B	Consumer	7.50Y	125.0	0.00	0.95	0.36	0	3	1	95	0.00	0.0	1.548	0.000	3	1	1	1
019538	PL.33678	B	Consumer	7.50Y	125.0	0.00	0.95	0.02	0	0	0	100	0.00	0.0	1.548	0.000	0	0	1	1
019549	PL.33676	B	Consumer	7.50Y	125.1	0.00	0.93	1.25	0	9	3	95	0.00	0.0	1.479	0.000	9	3	1	1
019533	PL.33676	B	Consumer	7.50Y	125.1	0.00	0.93	0.89	0	6	3	89	0.00	0.0	1.479	0.000	6	3	1	1
019544	PL.33676	B	Consumer	7.50Y	125.1	0.00	0.93	0.79	0	6	2	95	0.00	0.0	1.479	0.000	6	2	1	1
019524	PL.33676	B	Consumer	7.50Y	125.1	0.00	0.93	0.32	0	2	1	89	0.00	0.0	1.479	0.000	2	1	1	1
019525	PL.6115	B	Consumer	7.51Y	125.1	0.00	0.86	0.93	0	7	2	96	0.00	0.0	1.389	0.000	7	2	1	1
019531	PL.6115	B	Consumer	7.51Y	125.1	0.00	0.86	0.32	0	2	1	89	0.00	0.0	1.389	0.000	2	1	1	1
019514	PL.12920	B	Consumer	7.51Y	125.2	0.00	0.77	0.00	0	0	0	100	0.00	0.0	1.076	0.000	0	0	0	0
019559	PL.12920	B	Consumer	7.51Y	125.2	0.00	0.77	1.15	0	8	3	94	0.00	0.0	1.076	0.000	8	3	1	1

Unbalanced Voltage Drop Report
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Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.75, PL.12917, PL.41186, 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						mi From Src	mi Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF			kW Loss	% Loss			KW
PL.15829	PD.175-B	A	4/0ACSR	7.50Y	125.0	-0.00	1.02	63.22	22	474	15	100	1.12	0.1	1.899	0.077	0	0	79
		B		7.46Y	124.3	0.10	1.74	97.16	34	717	109	99					0	0	137
		C		7.42Y	123.6	0.11	2.36	136.56	48	991	214	98					0	0	179
PL.15830	PL.15829	A	4ACSR	7.50Y	125.0	0.00	1.02	0.92	1	7	2	96	0.00	0.0	1.904	0.005	0	0	1
PD.2817	PL.15830	A	fuse6AMP	7.50Y	125.0	0.00	1.02	0.92	16	7	2	96	0.00	0.0	1.904	0.000	0	0	1
PL.15831	PD.2817	A	4ACSR	7.50Y	125.0	0.00	1.02	0.92	1	7	2	96	0.00	0.0	1.944	0.040	0	0	1
501501	PL.15831	A	Consumer	7.50Y	125.0	0.00	1.02	0.92	0	7	2	96	0.00	0.0	1.944	0.000	7	2	1
501603	PL.15829	B	Consumer	7.46Y	124.3	0.00	1.74	0.08	0	1	0	100	0.00	0.0	1.899	0.000	1	0	1
502601	PL.15829	B	Consumer	7.46Y	124.3	0.00	1.74	0.51	0	4	1	97	0.00	0.0	1.899	0.000	4	1	1
501604	PL.15829	B	Consumer	7.46Y	124.3	0.00	1.74	1.47	0	10	4	93	0.00	0.0	1.899	0.000	10	4	1
501602	PL.15829	B	Consumer	7.46Y	124.3	0.00	1.74	0.70	0	5	2	93	0.00	0.0	1.899	0.000	5	2	1
PL.12691	PL.15829	A	4/0ACSR	7.50Y	125.0	-0.01	1.01	62.34	22	467	13	100	1.58	0.1	2.009	0.110	0	0	78
		B		7.45Y	124.1	0.13	1.88	94.45	33	697	102	99					0	0	133
		C		7.41Y	123.5	0.16	2.52	136.56	48	990	213	98					0	0	179
PL.12692	PL.12691	A	4/0ACSR	7.50Y	125.0	-0.01	1.01	61.36	22	460	10	100	1.05	0.0	2.082	0.073	0	0	76
		B		7.44Y	124.0	0.09	1.97	94.45	33	696	101	99					0	0	133
		C		7.40Y	123.4	0.11	2.63	136.56	48	990	211	98					0	0	179
503701	PL.12692	A	Consumer	7.50Y	125.0	0.00	1.01	1.49	0	11	4	94	0.00	0.0	2.082	0.000	11	4	1
503702	PL.12692	C	Consumer	7.40Y	123.4	0.00	2.63	1.01	0	7	2	96	0.00	0.0	2.082	0.000	7	2	1
PL.24294	PL.12692	A	4/0ACSR	7.50Y	125.0	-0.01	1.00	59.94	21	449	6	100	0.77	0.0	2.137	0.055	0	0	75
		B		7.44Y	124.0	0.07	2.03	94.45	33	696	101	99					0	0	133
		C		7.40Y	123.3	0.08	2.71	135.56	48	982	207	98					0	0	178
PL.26263	PL.24294	A	4/0ACSR	7.50Y	125.0	-0.00	1.00	59.94	21	450	6	100	0.50	0.0	2.172	0.036	0	0	75
		B		7.44Y	123.9	0.04	2.08	94.45	33	695	101	99					0	0	133
		C		7.39Y	123.2	0.05	2.76	135.56	48	981	206	98					0	0	178
PL.15570	PL.26263	A	4ACSR	7.50Y	125.0	0.00	1.00	0.17	0	1	1	71	0.00	0.0	2.178	0.005	0	0	1
PD.2805	PL.15570	A	fuse6AMP	7.50Y	125.0	0.00	1.00	0.17	3	1	1	71	0.00	0.0	2.178	0.000	0	0	1
PL.15571	PD.2805	A	4ACSR	7.50Y	125.0	0.00	1.00	0.17	0	1	1	71	0.00	0.0	2.443	0.265	0	0	1
503501	PL.15571	A	Consumer	7.50Y	125.0	0.00	1.00	0.17	0	1	1	71	0.00	0.0	2.443	0.000	1	1	1
PL.26264	PL.26263	A	4/0ACSR	7.50Y	125.0	-0.01	0.99	59.78	21	448	5	100	1.63	0.1	2.288	0.116	0	0	74
		B		7.43Y	123.8	0.14	2.22	94.45	33	695	101	99					0	0	133
		C		7.38Y	123.1	0.17	2.93	135.56	48	981	205	98					0	0	178
PL.15572	PL.26264	B	4ACSR	7.43Y	123.8	0.00	2.22	10.90	9	76	27	94	0.00	0.0	2.294	0.006	0	0	17
PD.3711	PL.15572	B	25L	7.43Y	123.8	0.00	2.22	10.90	44	76	27	94	0.00	0.0	2.294	0.000	0	0	17
PL.15573	PD.3711	B	4ACSR	7.42Y	123.7	0.04	2.26	10.90	9	76	27	94	0.02	0.0	2.376	0.082	0	0	17
504801	PL.15573	B	Consumer	7.42Y	123.7	0.00	2.26	0.22	0	2	1	89	0.00	0.0	2.376	0.000	2	1	1
PL.26265	PL.15573	B	4ACSR	7.42Y	123.7	0.01	2.27	10.69	9	75	26	94	0.00	0.0	2.393	0.017	0	0	16
PL.26266	PL.26265	B	4ACSR	7.42Y	123.7	0.02	2.30	6.08	5	43	15	94	0.01	0.0	2.483	0.090	0	0	10
PL.26267	PL.26266	B	4ACSR	7.42Y	123.7	0.00	2.30	4.34	4	30	11	94	0.00	0.0	2.496	0.013	0	0	8
5039005	PL.26267	B	Consumer	7.42Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	2.496	0.000	0	0	1
503903	PL.26267	B	Consumer	7.42Y	123.7	0.00	2.30	1.11	0	8	3	94	0.00	0.0	2.496	0.000	8	3	1
PL.38259	PL.26267	B	4ACSR	7.42Y	123.7	0.00	2.30	1.15	1	8	3	94	0.00	0.0	2.505	0.010	0	0	2
PD.6672	PL.38259	B	fuse6AMP	7.42Y	123.7	0.00	2.30	1.15	20	8	3	94	0.00	0.0	2.505	0.000	0	0	2
PL.38260	PD.6672	B	4ACSR	7.42Y	123.7	0.00	2.30	1.15	1	8	3	94	0.00	0.0	2.571	0.066	0	0	2

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Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

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		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
503901	PL.38260	B	Consumer	7.42Y	123.7	0.00	2.30	1.09	0	8	3	94	0.00	0.0	2.571	0.000	8	3	1	1
503904	PL.38260	B	Consumer	7.42Y	123.7	0.00	2.30	0.06	0	0	0	100	0.00	0.0	2.571	0.000	0	0	1	1
PL.26268	PL.26267	B	4ACSR	7.42Y	123.7	0.01	2.31	1.99	2	14	5	94	0.00	0.0	2.654	0.158	0	0	0	3
PL.26269	PL.26268	B	4ACSR	7.42Y	123.7	0.00	2.32	0.94	1	7	2	96	0.00	0.0	2.698	0.044	0	0	0	1
PL.42663	PL.26269	B	4ACSR	7.42Y	123.7	0.00	2.32	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	7.42Y	123.7	0.00	2.32	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	7.42Y	123.7	0.00	2.32	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	7.42Y	123.7	0.00	2.32	0.00	0	0	0	100	0.00	0.0	2.781	0.062	0	0	0	0
PL.42665	PL.42664	B	4ACSR	7.42Y	123.7	0.00	2.32	0.00	0	0	0	100	0.00	0.0	2.906	0.124	0	0	0	0
PL.42661	PL.42665	B	4ACSR	7.42Y	123.7	0.00	2.32	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	7.42Y	123.7	0.00	2.32	0.00	0	0	0	100	0.00	0.0	2.939	0.000	0	0	0	0
502002	PL.26269	B	Consumer	7.42Y	123.7	0.00	2.32	0.94	0	7	2	96	0.00	0.0	2.698	0.000	7	2	1	1
PL.38263	PL.26268	B	4ACSR	7.42Y	123.7	0.00	2.31	1.06	1	7	3	92	0.00	0.0	2.657	0.003	0	0	0	2
PD.6674	PL.38263	B	fuse6AMP	7.42Y	123.7	0.00	2.31	1.06	18	7	3	92	0.00	0.0	2.657	0.000	0	0	0	2
PL.38264	PD.6674	B	4ACSR	7.42Y	123.7	0.00	2.32	1.06	1	7	3	92	0.00	0.0	2.715	0.058	0	0	0	2
501901	PL.38264	B	Consumer	7.42Y	123.7	0.00	2.32	0.09	0	1	0	100	0.00	0.0	2.715	0.000	1	0	1	1
502902	PL.38264	B	Consumer	7.42Y	123.7	0.00	2.32	0.97	0	7	2	96	0.00	0.0	2.715	0.000	7	2	1	1
PL.38262	PL.26267	B	4ACSR	7.42Y	123.7	0.00	2.30	0.08	0	1	0	100	0.00	0.0	2.505	0.009	0	0	0	1
PD.6673	PL.38262	B	fuse6AMP	7.42Y	123.7	0.00	2.30	0.08	1	1	0	100	0.00	0.0	2.505	0.000	0	0	0	1
PL.38261	PD.6673	B	4ACSR	7.42Y	123.7	0.00	2.30	0.08	0	1	0	100	0.00	0.0	2.577	0.072	0	0	0	1
503802	PL.38261	B	Consumer	7.42Y	123.7	0.00	2.30	0.08	0	1	0	100	0.00	0.0	2.577	0.000	1	0	1	1
503801	PL.26266	B	Consumer	7.42Y	123.7	0.00	2.30	0.89	0	6	2	95	0.00	0.0	2.483	0.000	6	2	1	1
503902	PL.26266	B	Consumer	7.42Y	123.7	0.00	2.30	0.85	0	6	2	95	0.00	0.0	2.483	0.000	6	2	1	1
PL.38257	PL.26265	B	4ACSR	7.42Y	123.7	0.00	2.27	4.61	4	32	11	95	0.00	0.0	2.399	0.006	0	0	0	6
PD.6671	PL.38257	B	fuse6AMP	7.42Y	123.7	0.00	2.27	4.61	79	32	11	95	0.00	0.0	2.399	0.000	0	0	0	6
PL.38258	PD.6671	B	4ACSR	7.42Y	123.7	0.01	2.28	4.61	4	32	11	95	0.00	0.0	2.442	0.043	0	0	0	6
PL.3214	PL.38258	B	4ACSR	7.42Y	123.7	0.01	2.29	3.91	3	27	10	94	0.00	0.0	2.484	0.042	0	0	0	5
504901	PL.3214	B	Consumer	7.42Y	123.7	0.00	2.29	0.37	0	3	1	95	0.00	0.0	2.484	0.000	3	1	1	1
504803	PL.3214	B	Consumer	7.42Y	123.7	0.00	2.29	0.76	0	5	2	93	0.00	0.0	2.484	0.000	5	2	1	1
504806	PL.3214	B	Consumer	7.42Y	123.7	0.00	2.29	0.18	0	1	0	100	0.00	0.0	2.484	0.000	1	0	1	1
504805	PL.3214	B	Consumer	7.42Y	123.7	0.00	2.29	1.17	0	8	3	94	0.00	0.0	2.484	0.000	8	3	1	1
504804	PL.3214	B	Consumer	7.42Y	123.7	0.00	2.29	1.44	0	10	4	93	0.00	0.0	2.484	0.000	10	4	1	1
504802	PL.38258	B	Consumer	7.42Y	123.7	0.00	2.28	0.70	0	5	2	93	0.00	0.0	2.442	0.000	5	2	1	1
PL.24824	PL.26264	A	4/0ACSR	7.50Y	125.0	-0.01	0.98	59.78	21	448	5	100	0.84	0.0	2.351	0.063	0	0	0	74
		B		7.42Y	123.7	0.07	2.29	83.77	29	618	73	99					0	0	0	116
		C		7.38Y	123.0	0.10	3.03	135.56	48	980	203	98					0	0	0	178
505802	PL.24824	B	Consumer	7.42Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	2.351	0.000	0	0	0	0
505804	PL.24824	B	Consumer	7.42Y	123.7	0.00	2.29	1.34	0	9	3	95	0.00	0.0	2.351	0.000	9	3	1	1
505801	PL.24824	B	Consumer	7.42Y	123.7	0.00	2.29	2.18	0	15	7	91	0.00	0.0	2.351	0.000	15	7	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.24825, PL.24826, PL.18243, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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 512912, PL.19191, PL.6520, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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)	Cons			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss			KW	KVAR	On	Thru
511712	PL.6517	B	Consumer	7.39Y	123.2	0.00	2.81	0.07	0	0	0	100	0.00	0.0	3.234	0.000	0	0	1	1
511710	PL.6517	B	Consumer	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	3.234	0.000	0	0	1	1
511711	PL.6517	B	Consumer	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	3.234	0.000	0	0	0	0
PL.6518	PL.6517	A	336ACSR	7.50Y	125.0	0.00	1.05	0.00	0	0	0	100	0.00	0.0	3.261	0.027	0	0	0	0
		B		7.39Y	123.2	0.00	2.81	0.00	0	0	0	100					0	0	0	0
		C		7.34Y	122.3	0.00	3.70	0.00	0	0	0	100					0	0	0	0
PD.3067-A	PL.6518	A	Open	7.50Y	125.0	0.00	1.05	0.00	0	0	0	100	0.00	0.0	3.261	0.000	0	0	0	0
		B		7.39Y	123.2	0.00	2.81	0.00	0	0	0	100					0	0	0	0
		C		7.34Y	122.3	0.00	3.70	0.00	0	0	0	100					0	0	0	0
PL.12756	PL.195	A	336ACSR	7.50Y	124.9	0.01	1.06	26.66	6	188	66	94	0.04	0.0	3.221	0.038	0	0	0	39
		B		7.39Y	123.2	0.02	2.83	45.06	10	310	121	93					0	0	0	68
		C		7.34Y	122.3	0.00	3.71	27.53	6	190	68	94					0	0	0	46
512802	PL.12756	B	Consumer	7.39Y	123.2	0.00	2.83	1.45	0	10	4	93	0.00	0.0	3.221	0.000	10	4	1	1
511811	PL.12756	B	Consumer	7.39Y	123.2	0.00	2.83	0.09	0	1	0	100	0.00	0.0	3.221	0.000	1	0	1	1
PL.19059	PL.12756	A	336ACSR	7.50Y	124.9	0.01	1.06	26.66	6	188	66	94	0.03	0.0	3.254	0.033	0	0	0	39
		B		7.39Y	123.2	0.01	2.84	43.52	10	300	117	93					0	0	0	66
		C		7.34Y	122.3	0.00	3.71	27.53	6	190	68	94					0	0	0	46
512804	PL.19059	B	Consumer	7.39Y	123.2	0.00	2.84	0.95	0	7	2	96	0.00	0.0	3.254	0.000	7	2	1	1
512814	PL.19059	B	Consumer	7.39Y	123.2	0.00	2.84	0.30	0	2	1	89	0.00	0.0	3.254	0.000	2	1	1	1
512816	PL.19059	B	Consumer	7.39Y	123.2	0.00	2.84	1.64	0	11	5	91	0.00	0.0	3.254	0.000	11	5	1	1
512811	PL.19059	B	Consumer	7.39Y	123.2	0.00	2.84	1.70	0	12	4	95	0.00	0.0	3.254	0.000	12	4	1	1
512808	PL.19059	B	Consumer	7.39Y	123.2	0.00	2.84	0.89	0	6	2	95	0.00	0.0	3.254	0.000	6	2	1	1
PL.19766	PL.19059	A	336ACSR	7.50Y	124.9	0.01	1.07	26.66	6	188	66	94	0.02	0.0	3.284	0.030	0	0	0	39
		B		7.39Y	123.1	0.01	2.85	38.04	9	262	103	93					0	0	0	61
		C		7.34Y	122.3	0.00	3.71	27.53	6	190	68	94					0	0	0	46
PL.43528	PL.19766	A	4ACSR	7.50Y	124.9	0.00	1.07	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	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	3.291	0.000	0	0	0	0
PL.19443	PL.19766	A	336ACSR	7.50Y	124.9	0.01	1.08	21.60	5	153	54	94	0.03	0.0	3.328	0.044	0	0	0	33
		B		7.39Y	123.1	0.02	2.87	38.04	9	262	103	93					0	0	0	61
		C		7.34Y	122.3	0.00	3.72	21.63	5	149	54	94					0	0	0	36
512905	PL.19443	B	Consumer	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	3.328	0.000	0	0	0	0
512920	PL.19443	B	Consumer	7.39Y	123.1	0.00	2.87	0.52	0	4	1	97	0.00	0.0	3.328	0.000	4	1	1	1
PL.19444	PL.19443	A	336ACSR	7.49Y	124.9	0.00	1.08	21.60	5	153	54	94	0.01	0.0	3.343	0.015	0	0	0	33
		B		7.39Y	123.1	0.01	2.87	37.52	8	258	101	93					0	0	0	60
		C		7.34Y	122.3	0.00	3.72	21.63	5	149	54	94					0	0	0	36
PL.20056	PL.19444	A	336ACSR	7.49Y	124.9	0.01	1.09	21.60	5	153	54	94	0.03	0.0	3.395	0.052	0	0	0	33
		B		7.39Y	123.1	0.02	2.89	37.52	8	258	101	93					0	0	0	60
		C		7.34Y	122.3	0.00	3.72	21.63	5	149	54	94					0	0	0	36
513918	PL.20056	B	Consumer	7.39Y	123.1	0.00	2.89	0.85	0	6	2	95	0.00	0.0	3.395	0.000	6	2	1	1
513835	PL.20056	C	Consumer	7.34Y	122.3	0.00	3.72	0.09	0	1	0	100	0.00	0.0	3.395	0.000	1	0	1	1
512915	PL.20056	B	Consumer	7.39Y	123.1	0.00	2.89	0.00	0	0	0	100	0.00	0.0	3.395	0.000	0	0	0	0
513809	PL.20056	C	Consumer	7.34Y	122.3	0.00	3.72	0.37	0	2	1	89	0.00	0.0	3.395	0.000	2	1	1	1
512919	PL.20056	B	Consumer	7.39Y	123.1	0.00	2.89	0.00	0	0	0	100	0.00	0.0	3.395	0.000	0	0	0	0
512911	PL.20056	B	Consumer	7.39Y	123.1	0.00	2.89	0.44	0	3	1	95	0.00	0.0	3.395	0.000	3	1	1	1
513913	PL.20056	B	Consumer	7.39Y	123.1	0.00	2.89	0.83	0	6	2	95	0.00	0.0	3.395	0.000	6	2	1	1
513824	PL.20056	C	Consumer	7.34Y	122.3	0.00	3.72	0.00	0	0	0	100	0.00	0.0	3.395	0.000	0	0	0	0

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							% Loss	mi From Src	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW			% Loss	Length (mi)			KW
512904	PL.20056	A	Consumer	7.49Y	124.9	0.00	1.09	0.00	0	0	0	100	0.00	0.0	3.395	0.000	0	0	0	0
PL.20057	PL.20056	A	336ACSR	7.49Y	124.9	0.01	1.10	21.60	5	153	54	94	0.02	0.0	3.420	0.025	0	0	0	33
		B		7.39Y	123.1	0.01	2.90	35.40	8	243	96	93					0	0	0	57
		C		7.34Y	122.3	0.00	3.72	21.17	5	146	52	94					0	0	0	34
PL.20224	PL.20057	A	336ACSR	7.49Y	124.9	0.00	1.10	21.60	5	153	54	94	0.00	0.0	3.425	0.005	0	0	0	33
		B		7.39Y	123.1	0.00	2.90	18.17	4	126	47	94					0	0	0	30
		C		7.34Y	122.3	0.00	3.72	21.17	5	146	52	94					0	0	0	34
PL.20225	PL.20224	A	336ACSR	7.49Y	124.9	0.01	1.11	21.60	5	153	54	94	0.02	0.0	3.485	0.060	0	0	0	33
		B		7.39Y	123.1	0.01	2.91	18.17	4	126	47	94					0	0	0	30
		C		7.34Y	122.3	0.01	3.73	21.17	5	146	52	94					0	0	0	34
PL.12751	PL.20225	A	336ACSR	7.49Y	124.9	0.01	1.12	21.60	5	153	54	94	0.01	0.0	3.518	0.033	0	0	0	33
		B		7.39Y	123.1	0.00	2.91	18.17	4	126	47	94					0	0	0	30
		C		7.34Y	122.3	0.00	3.74	16.01	4	111	40	94					0	0	0	24
PL.5804	PL.12751	A	4ACSR	7.49Y	124.9	0.00	1.12	2.18	2	15	6	93	0.00	0.0	3.525	0.007	0	0	0	4
		B		7.39Y	123.1	0.00	2.92	3.37	3	23	9	94					0	0	0	6
PL.5805	PL.5804	A	4ACSR	7.49Y	124.9	0.00	1.12	0.42	0	3	1	95	0.00	0.0	3.557	0.032	0	0	0	1
		B		7.38Y	123.1	0.00	2.92	3.37	3	23	9	94					0	0	0	6
514915	PL.5805	B	Consumer	7.38Y	123.1	0.00	2.92	0.75	0	5	2	93	0.00	0.0	3.557	0.000	5	2	1	1
PL.6516	PL.5805	A	4ACSR	7.49Y	124.9	0.00	1.12	0.42	0	3	1	95	0.00	0.0	3.585	0.027	0	0	0	1
		B		7.38Y	123.1	0.00	2.92	2.63	2	18	7	94					0	0	0	5
PL.3443	PL.6516	A	4ACSR	7.49Y	124.9	0.00	1.12	0.42	0	3	1	95	0.00	0.0	3.653	0.068	0	0	0	1
		B		7.38Y	123.1	0.00	2.93	1.05	1	7	3	93					0	0	0	2
515015	PL.3443	B	Consumer	7.38Y	123.1	0.00	2.93	0.62	0	4	2	89	0.00	0.0	3.653	0.000	4	2	1	1
515014	PL.3443	A	Consumer	7.49Y	124.9	0.00	1.12	0.42	0	3	1	95	0.00	0.0	3.653	0.000	3	1	1	1
		B		7.38Y	123.1	0.00	2.93	0.42	0	3	1	90					3	1	1	1
514921	PL.6516	B	Consumer	7.38Y	123.1	0.00	2.92	0.56	0	4	1	97	0.00	0.0	3.585	0.000	4	1	1	1
514924	PL.6516	B	Consumer	7.38Y	123.1	0.00	2.92	0.30	0	2	1	89	0.00	0.0	3.585	0.000	2	1	1	1
514925	PL.6516	B	Consumer	7.38Y	123.1	0.00	2.92	0.00	0	0	0	100	0.00	0.0	3.585	0.000	0	0	0	0
514926	PL.6516	B	Consumer	7.38Y	123.1	0.00	2.92	0.72	0	5	2	93	0.00	0.0	3.585	0.000	5	2	1	1
514916	PL.5804	A	Consumer	7.49Y	124.9	0.00	1.12	0.74	0	5	2	93	0.00	0.0	3.525	0.000	5	2	1	1
513903	PL.5804	A	Consumer	7.49Y	124.9	0.00	1.12	0.69	0	5	2	93	0.00	0.0	3.525	0.000	5	2	1	1
514923	PL.5804	A	Consumer	7.49Y	124.9	0.00	1.12	0.33	0	2	1	89	0.00	0.0	3.525	0.000	2	1	1	1
PL.12750	PL.12751	A	336ACSR	7.49Y	124.9	0.01	1.12	19.43	4	137	48	94	0.01	0.0	3.559	0.041	0	0	0	29
		B		7.38Y	123.1	0.00	2.92	14.79	3	102	39	94					0	0	0	24
		C		7.34Y	122.3	0.00	3.74	9.75	2	67	25	94					0	0	0	17
PL.5803	PL.12750	A	336ACSR	7.49Y	124.9	0.01	1.14	18.69	4	132	46	94	0.01	0.0	3.619	0.060	0	0	0	27
		B		7.38Y	123.1	0.00	2.92	14.79	3	102	39	94					0	0	0	24
		C		7.34Y	122.3	-0.00	3.74	2.19	0	15	6	92					0	0	0	4
PL.38663	PL.5803	C	4ACSR	7.34Y	122.3	0.00	3.74	0.83	1	6	2	95	0.00	0.0	3.628	0.009	0	0	0	3
PD.7055	PL.38663	C	fuse6AMP	7.34Y	122.3	0.00	3.74	0.83	14	6	2	95	0.00	0.0	3.628	0.000	0	0	0	3
PL.38664	PD.7055	C	4ACSR	7.34Y	122.3	0.00	3.74	0.83	1	6	2	95	0.00	0.0	3.637	0.009	0	0	0	3
514814	PL.38664	C	Consumer	7.34Y	122.3	0.00	3.74	0.49	0	3	1	95	0.00	0.0	3.637	0.000	3	1	1	1
514808	PL.38664	C	Consumer	7.34Y	122.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	3.637	0.000	0	0	1	1
PL.25017	PL.38664	C	4ACSR	7.34Y	122.3	0.00	3.74	0.34	0	2	1	89	0.00	0.0	3.697	0.060	0	0	0	1
514813	PL.25017	C	Consumer	7.34Y	122.3	0.00	3.74	0.34	0	2	1	89	0.00	0.0	3.697	0.000	2	1	1	1
PL.38661	PL.5803	B	4ACSR	7.38Y	123.1	0.00	2.92	2.11	2	15	5	95	0.00	0.0	3.626	0.008	0	0	0	2
PD.7054	PL.38661	B	fuse6AMP	7.38Y	123.1	0.00	2.92	2.11	36	15	5	95	0.00	0.0	3.626	0.000	0	0	0	2

Unbalanced Voltage Drop Report
Source: CLAY CITY

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
516912	PL.12748	B	Consumer	7.38Y	123.1	0.00	2.94	0.85	0	6	2	95	0.00	0.0	3.841	0.000	6	2	1	1
517001	PL.12748	B	Consumer	7.38Y	123.1	0.00	2.94	0.25	0	2	1	89	0.00	0.0	3.841	0.000	2	1	1	1
517018	PL.12748	B	Consumer	7.38Y	123.1	0.00	2.94	0.88	0	6	2	95	0.00	0.0	3.841	0.000	6	2	1	1
516907	PL.12748	B	Consumer	7.38Y	123.1	0.00	2.94	0.50	0	3	1	95	0.00	0.0	3.841	0.000	3	1	1	1
517005	PL.12748	B	Consumer	7.38Y	123.1	0.00	2.94	0.70	0	5	2	93	0.00	0.0	3.841	0.000	5	2	1	1
517012	PL.12748	B	Consumer	7.38Y	123.1	0.00	2.94	0.25	0	2	1	89	0.00	0.0	3.841	0.000	2	1	1	1
5170019	PL.12748	B	Consumer	7.38Y	123.1	0.00	2.94	0.94	0	7	2	96	0.00	0.0	3.841	0.000	3	1	1	3
5170020	5170019	B	Consumer	7.38Y	123.1	0.00	2.94	0.01	0	0	0	100	0.00	0.0	3.841	0.000	0	0	1	1
5170021	5170020	B	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	3.841	0.000	0	0	0	0
516910	5170019	B	Consumer	7.38Y	123.1	0.00	2.94	0.56	0	4	1	97	0.00	0.0	3.841	0.000	4	1	1	1
517006	PL.12748	B	Consumer	7.38Y	123.1	0.00	2.94	0.39	0	3	1	95	0.00	0.0	3.841	0.000	3	1	1	1
PL.3372	PL.12748	A	4ACSR	7.49Y	124.8	0.00	1.17	0.80	1	6	2	95	0.00	0.0	3.882	0.041	0	0	0	3
PL.3373	PL.3372	A	4ACSR	7.49Y	124.8	0.00	1.17	0.63	1	4	2	89	0.00	0.0	3.928	0.045	0	0	0	2
517014	PL.3373	A	Consumer	7.49Y	124.8	0.00	1.17	0.40	0	3	1	95	0.00	0.0	3.928	0.000	3	1	1	1
517011	PL.3373	A	Consumer	7.49Y	124.8	0.00	1.17	0.23	0	2	1	89	0.00	0.0	3.928	0.000	2	1	1	1
517016	PL.3372	A	Consumer	7.49Y	124.8	0.00	1.17	0.17	0	1	1	71	0.00	0.0	3.882	0.000	1	1	1	1
517015	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.93	0.00	0	0	0	100	0.00	0.0	3.799	0.000	0	0	0	0
516010	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.93	0.10	0	1	0	100	0.00	0.0	3.799	0.000	1	0	1	1
516006	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.93	1.05	0	7	3	92	0.00	0.0	3.799	0.000	7	3	1	1
516904	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.93	1.30	0	9	3	95	0.00	0.0	3.799	0.000	9	3	1	1
517009	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.93	0.72	0	5	2	93	0.00	0.0	3.799	0.000	5	2	1	1
516007	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.93	0.72	0	5	2	93	0.00	0.0	3.799	0.000	5	2	1	1
515909	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.93	0.11	0	1	0	100	0.00	0.0	3.799	0.000	1	0	1	1
517008	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.93	0.15	0	1	0	100	0.00	0.0	3.799	0.000	1	0	1	1
516015	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.93	0.00	0	0	0	100	0.00	0.0	3.799	0.000	0	0	1	1
515908	PL.26687	A	Consumer	7.49Y	124.8	0.00	1.17	0.00	0	0	0	100	0.00	0.0	3.766	0.000	0	0	0	0
516911	PL.26687	B	Consumer	7.38Y	123.1	0.00	2.93	0.50	0	3	1	95	0.00	0.0	3.766	0.000	3	1	1	1
515910	PL.26687	B	Consumer	7.38Y	123.1	0.00	2.93	0.20	0	1	0	100	0.00	0.0	3.766	0.000	1	0	1	1
515919	PL.33227	A	Consumer	7.49Y	124.8	0.00	1.17	0.00	0	0	0	100	0.00	0.0	3.727	0.000	0	0	0	0
515914	PL.33227	C	Consumer	7.34Y	122.3	0.00	3.74	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	7.49Y	124.8	0.00	1.17	0.00	0	0	0	100	0.00	0.0	3.760	0.034	0	0	0	0
		B		7.38Y	123.1	0.00	2.92	0.00	0	0	0	100					0	0	0	0
		C		7.34Y	122.3	0.00	3.74	0.00	0	0	0	100					0	0	0	0
SW30-A	PL.26684	A	Open	7.49Y	124.8	0.00	1.17	0.00	0	0	0	100	0.00	0.0	3.760	0.000	0	0	0	0
		B		7.38Y	123.1	0.00	2.92	0.00	0	0	0	100					0	0	0	0
		C		7.34Y	122.3	0.00	3.74	0.00	0	0	0	100					0	0	0	0
PL.38659	PL.33227	A	4ACSR	7.49Y	124.8	0.00	1.17	17.90	15	127	44	94	0.00	0.0	3.730	0.003	0	0	0	24
C PD.7053	PL.38659	A	fuse6AMP	7.49Y	124.8	0.00	1.17	17.90	306	127	44	94	0.00	0.0	3.730	0.000	0	0	0	24
PL.38660	PD.7053	A	4ACSR	7.49Y	124.8	0.02	1.19	17.90	15	127	44	94	0.02	0.0	3.750	0.020	0	0	0	24
PL.26688	PL.38660	A	4ACSR	7.49Y	124.8	0.00	1.19	8.59	7	61	21	95	0.00	0.0	3.756	0.005	0	0	0	13

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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. Contains 40 rows of data for various elements and consumers.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF			kW Loss	% Loss			KW
514802	PL.5803	A	Consumer	7.49Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	3.619	0.000	0	0	0	0
PL.19032	PL.12750	C	4ACSR	7.33Y	122.2	0.01	3.75	7.56	6	52	18	94	0.00	0.0	3.593	0.034	0	0	0	13
PL.19033	PL.19032	C	4ACSR	7.33Y	122.2	0.01	3.76	5.50	5	38	13	95	0.00	0.0	3.627	0.034	0	0	0	9
PL.3451	PL.19033	C	4ACSR	7.33Y	122.2	0.00	3.77	1.85	2	13	4	96	0.00	0.0	3.661	0.033	0	0	0	4
513702	PL.3451	C	Consumer	7.33Y	122.2	0.00	3.77	0.26	0	2	1	89	0.00	0.0	3.661	0.000	2	1	1	1
513812	PL.3451	C	Consumer	7.33Y	122.2	0.00	3.77	0.48	0	3	1	95	0.00	0.0	3.661	0.000	3	1	1	1
513801	PL.3451	C	Consumer	7.33Y	122.2	0.00	3.77	0.30	0	2	1	89	0.00	0.0	3.661	0.000	2	1	1	1
513815	PL.3451	C	Consumer	7.33Y	122.2	0.00	3.77	0.82	0	6	2	95	0.00	0.0	3.661	0.000	6	2	1	1
514807	PL.19033	C	Consumer	7.33Y	122.2	0.00	3.76	0.85	0	6	2	95	0.00	0.0	3.627	0.000	6	2	1	1
514803	PL.19033	C	Consumer	7.33Y	122.2	0.00	3.76	0.70	0	5	2	93	0.00	0.0	3.627	0.000	5	2	1	1
514804	PL.19033	C	Consumer	7.33Y	122.2	0.00	3.76	0.89	0	6	2	95	0.00	0.0	3.627	0.000	6	2	1	1
5148020	PL.19033	C	Consumer	7.33Y	122.2	0.00	3.76	0.00	0	0	0	100	0.00	0.0	3.627	0.000	0	0	0	0
514805	PL.19033	C	Consumer	7.33Y	122.2	0.00	3.76	0.54	0	4	1	97	0.00	0.0	3.627	0.000	4	1	1	1
513832	PL.19033	C	Consumer	7.33Y	122.2	0.00	3.76	0.66	0	5	2	93	0.00	0.0	3.627	0.000	5	2	1	1
514809	PL.19032	C	Consumer	7.33Y	122.2	0.00	3.75	0.78	0	5	2	93	0.00	0.0	3.593	0.000	5	2	1	1
514812	PL.19032	C	Consumer	7.33Y	122.2	0.00	3.75	0.96	0	7	2	96	0.00	0.0	3.593	0.000	7	2	1	1
514810	PL.19032	C	Consumer	7.33Y	122.2	0.00	3.75	0.08	0	1	0	100	0.00	0.0	3.593	0.000	1	0	1	1
514806	PL.19032	C	Consumer	7.33Y	122.2	0.00	3.75	0.24	0	2	1	89	0.00	0.0	3.593	0.000	2	1	1	1
PL.3438	PL.12750	A	4ACSR	7.49Y	124.9	0.00	1.13	0.73	1	5	2	93	0.00	0.0	3.595	0.036	0	0	0	2
514907	PL.3438	A	Consumer	7.49Y	124.9	0.00	1.13	0.72	0	5	2	93	0.00	0.0	3.595	0.000	5	2	1	1
514903	PL.3438	A	Consumer	7.49Y	124.9	0.00	1.13	0.02	0	0	0	100	0.00	0.0	3.595	0.000	0	0	1	1
PL.5799	PL.12751	C	4ACSR	7.34Y	122.3	0.01	3.75	6.26	5	43	15	94	0.00	0.0	3.550	0.032	0	0	0	7
PL.5800	PL.5799	C	4ACSR	7.33Y	122.2	0.00	3.75	4.64	4	32	11	95	0.00	0.0	3.560	0.010	0	0	0	5
513817	PL.5800	C	Consumer	7.33Y	122.2	0.00	3.75	0.65	0	5	2	93	0.00	0.0	3.560	0.000	5	2	1	1
513819	PL.5800	C	Consumer	7.33Y	122.2	0.00	3.75	0.99	0	7	2	96	0.00	0.0	3.560	0.000	7	2	1	1
513834	PL.5800	C	Consumer	7.33Y	122.2	0.00	3.75	0.66	0	5	2	93	0.00	0.0	3.560	0.000	5	2	1	1
513818	PL.5800	C	Consumer	7.33Y	122.2	0.00	3.75	1.00	0	7	2	96	0.00	0.0	3.560	0.000	7	2	1	1
513820	PL.5800	C	Consumer	7.33Y	122.2	0.00	3.75	1.33	0	9	3	95	0.00	0.0	3.560	0.000	9	3	1	1
513823	PL.5799	C	Consumer	7.34Y	122.3	0.00	3.75	0.53	0	4	1	97	0.00	0.0	3.550	0.000	4	1	1	1
514913	PL.5799	C	Consumer	7.34Y	122.3	0.00	3.75	1.09	0	8	3	94	0.00	0.0	3.550	0.000	8	3	1	1
513919	PL.5799	C	Consumer	7.34Y	122.3	0.00	3.75	0.00	0	0	0	100	0.00	0.0	3.550	0.000	0	0	0	0
PL.3439	PL.20225	C	4ACSR	7.34Y	122.3	0.01	3.74	5.16	4	36	12	95	0.00	0.0	3.510	0.025	0	0	0	10
PL.25018	PL.3439	C	4ACSR	7.34Y	122.3	0.01	3.75	3.20	3	22	8	94	0.00	0.0	3.554	0.043	0	0	0	6
513807	PL.25018	C	Consumer	7.34Y	122.3	0.00	3.75	0.50	0	3	1	95	0.00	0.0	3.554	0.000	3	1	1	1
513816	PL.25018	C	Consumer	7.34Y	122.3	0.00	3.75	0.84	0	6	2	95	0.00	0.0	3.554	0.000	6	2	1	1
513833	PL.25018	C	Consumer	7.34Y	122.3	0.00	3.75	0.54	0	4	1	97	0.00	0.0	3.554	0.000	4	1	1	1
PL.25019	PL.25018	C	4ACSR	7.34Y	122.3	0.00	3.75	1.32	1	9	3	95	0.00	0.0	3.574	0.021	0	0	0	3
513831	PL.25019	C	Consumer	7.34Y	122.3	0.00	3.75	0.87	0	6	2	95	0.00	0.0	3.574	0.000	6	2	1	1

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
513806	PL.25019	C	Consumer	7.34Y	122.3	0.00	3.75	0.00	0	0	0	100	0.00	0.0	3.574	0.000	0	0	0	0
513828	PL.25019	C	Consumer	7.34Y	122.3	0.00	3.75	0.37	0	3	1	95	0.00	0.0	3.574	0.000	3	1	1	1
513826	PL.25019	C	Consumer	7.34Y	122.3	0.00	3.75	0.08	0	1	0	100	0.00	0.0	3.574	0.000	1	0	1	1
513901	PL.3439	C	Consumer	7.34Y	122.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	3.510	0.000	0	0	0	0
513927	PL.3439	C	Consumer	7.34Y	122.3	0.00	3.74	0.37	0	3	1	95	0.00	0.0	3.510	0.000	3	1	1	1
513924	PL.3439	C	Consumer	7.34Y	122.3	0.00	3.74	0.64	0	4	2	89	0.00	0.0	3.510	0.000	4	2	1	1
513914	PL.3439	C	Consumer	7.34Y	122.3	0.00	3.74	0.61	0	4	1	97	0.00	0.0	3.510	0.000	4	1	1	1
513827	PL.3439	C	Consumer	7.34Y	122.3	0.00	3.74	0.34	0	2	1	89	0.00	0.0	3.510	0.000	2	1	1	1
PL.43529	PL.20057	B	4ACSR	7.39Y	123.1	0.01	2.91	17.24	14	118	49	92	0.01	0.0	3.428	0.008	0	0	0	27
PD.3715	PL.43529	B	25V4E	7.39Y	123.1	0.00	2.91	17.24	69	118	49	92	0.00	0.0	3.428	0.000	0	0	0	27
PL.43530	PD.3715	B	4ACSR	7.39Y	123.1	0.01	2.92	17.24	14	118	49	92	0.01	0.0	3.437	0.009	0	0	0	27
PL.5802	PL.43530	B	4ACSR	7.38Y	123.1	0.02	2.93	12.34	10	84	35	92	0.01	0.0	3.470	0.033	0	0	0	17
PL.3442	PL.5802	B	4ACSR	7.38Y	123.0	0.03	2.97	12.34	10	84	35	92	0.02	0.0	3.524	0.054	0	0	0	17
515019	PL.3442	B	Consumer	7.38Y	123.0	0.00	2.97	0.50	0	3	1	95	0.00	0.0	3.524	0.000	3	1	1	1
PL.19991	PL.3442	B	4ACSR	7.38Y	123.0	0.02	2.98	4.62	4	32	12	94	0.00	0.0	3.609	0.085	0	0	0	9
PL.19862	PL.19991	B	4ACSR	7.38Y	123.0	0.00	2.98	3.68	3	25	9	94	0.00	0.0	3.616	0.007	0	0	0	7
515016	PL.19862	B	Consumer	7.38Y	123.0	0.00	2.98	0.00	0	0	0	100	0.00	0.0	3.616	0.000	0	0	0	0
515018	PL.19862	B	Consumer	7.38Y	123.0	0.00	2.98	0.53	0	4	2	89	0.00	0.0	3.616	0.000	4	2	1	1
PL.25013	PL.19862	B	4ACSR	7.38Y	123.0	0.00	2.99	3.15	3	22	8	94	0.00	0.0	3.639	0.024	0	0	0	6
PL.25014	PL.25013	B	4ACSR	7.38Y	123.0	0.00	2.99	0.41	0	3	1	95	0.00	0.0	3.673	0.033	0	0	0	2
516003	PL.25014	B	Consumer	7.38Y	123.0	0.00	2.99	0.06	0	0	0	100	0.00	0.0	3.673	0.000	0	0	1	1
516016	PL.25014	B	Consumer	7.38Y	123.0	0.00	2.99	0.35	0	2	1	89	0.00	0.0	3.673	0.000	2	1	1	1
516002	PL.25013	B	Consumer	7.38Y	123.0	0.00	2.99	0.10	0	1	0	100	0.00	0.0	3.639	0.000	1	0	1	1
516013	PL.25013	B	Consumer	7.38Y	123.0	0.00	2.99	0.98	0	7	2	96	0.00	0.0	3.639	0.000	7	2	1	1
516008	PL.25013	B	Consumer	7.38Y	123.0	0.00	2.99	0.69	0	5	2	93	0.00	0.0	3.639	0.000	5	2	1	1
516001	PL.25013	B	Consumer	7.38Y	123.0	0.00	2.99	0.97	0	7	2	96	0.00	0.0	3.639	0.000	7	2	1	1
515020	PL.19991	B	Consumer	7.38Y	123.0	0.00	2.98	0.36	0	2	1	89	0.00	0.0	3.609	0.000	2	1	1	1
516005	PL.19991	B	Consumer	7.38Y	123.0	0.00	2.98	0.00	0	0	0	100	0.00	0.0	3.609	0.000	0	0	0	0
515006	PL.19991	B	Consumer	7.38Y	123.0	0.00	2.98	0.00	0	0	0	100	0.00	0.0	3.609	0.000	0	0	0	0
516017	PL.19991	B	Consumer	7.38Y	123.0	0.00	2.98	0.59	0	4	1	97	0.00	0.0	3.609	0.000	4	1	1	1
PL.38658	PL.3442	B	4ACSR	7.38Y	123.0	0.00	2.97	7.23	6	49	22	91	0.00	0.0	3.532	0.008	0	0	0	7
C PD.7052	PL.38658	B	fuse6AMP	7.38Y	123.0	0.00	2.97	7.23	124	49	22	91	0.00	0.0	3.532	0.000	0	0	0	7 C
PL.38657	PD.7052	B	4ACSR	7.38Y	123.0	0.01	2.98	7.23	6	49	22	91	0.00	0.0	3.564	0.033	0	0	0	7
PL.3437	PL.38657	B	4ACSR	7.38Y	123.0	0.00	2.98	2.49	2	17	6	94	0.00	0.0	3.584	0.019	0	0	0	6
514917	PL.3437	B	Consumer	7.38Y	123.0	0.00	2.98	1.03	0	7	2	96	0.00	0.0	3.584	0.000	7	2	1	1
514911	PL.3437	B	Consumer	7.38Y	123.0	0.00	2.98	0.30	0	2	1	89	0.00	0.0	3.584	0.000	2	1	1	1
514906	PL.3437	B	Consumer	7.38Y	123.0	0.00	2.98	0.66	0	5	2	93	0.00	0.0	3.584	0.000	5	2	1	1
513904	PL.3437	B	Consumer	7.38Y	123.0	0.00	2.98	0.35	0	2	1	89	0.00	0.0	3.584	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 load elements like PL.3441, 514920, 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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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								
513703	PL.7206	C	Consumer	7.34Y	122.3	0.00	3.75	0.66	0	5	2	93	0.00	0.0	3.471	0.000	5	2	1	1		
513701	PL.3450	C	Consumer	7.34Y	122.3	0.00	3.74	1.15	0	8	3	94	0.00	0.0	3.423	0.000	8	3	1	1		
513829	PL.12754	C	Consumer	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	3.338	0.000	0	0	0	0		
512821	PL.12754	C	Consumer	7.34Y	122.3	0.00	3.73	0.63	0	4	2	89	0.00	0.0	3.338	0.000	4	2	1	1		
512815	PL.195	A C	Consumer	7.50Y 7.34Y	125.0 122.3	0.00 0.00	1.05 3.70	0.67 0.68	0	5 5	2 2	93 90	0.00 0.00	0.0	3.183	0.000	5 5	2 2	1 1	1 1		
511819	PL.195	A	Consumer	7.50Y	125.0	0.00	1.05	0.94	0	7	2	96	0.00	0.0	3.183	0.000	7	2	1	1		
511805	PL.195	A	Consumer	7.50Y	125.0	0.00	1.05	0.87	0	6	2	95	0.00	0.0	3.183	0.000	6	2	1	1		
PL.3444	PL.195	A B C	336ACSR	7.50Y 7.39Y 7.34Y	125.0 123.2 122.3	-0.00 0.00 0.00	1.04 2.81 3.71	0.27 0.27 7.14	0	2 2 49	1 1 17	89 90 94	0.00 0.00 0.00	0.0	3.232	0.049	0 0 0	0 0 0	0 0 0	1 1 11		
512705	PL.3444	A	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	3.232	0.000	0	0	0	0		
511713	PL.3444	C	Consumer	7.34Y	122.3	0.00	3.71	0.98	0	7	2	96	0.00	0.0	3.232	0.000	7	2	1	1		
5127010	PL.3444	A B	Consumer	7.50Y 7.39Y	125.0 123.2	0.00 0.00	1.04 2.81	0.27 0.27	0	2 2	1 1	89 90	0.00 0.00	0.0	3.232	0.000	2 2	1 1	1 1	1 1		
5127011	5127010	A B	Consumer	7.50Y 7.39Y	125.0 123.2	0.00 0.00	1.04 2.81	0.02 0.02	0	0 0	0 0	100 90	0.00 0.00	0.0	3.232	0.000	0 0	0 0	1 1	1 1		
512702	PL.3444	C	Consumer	7.34Y	122.3	0.00	3.71	0.45	0	3	1	95	0.00	0.0	3.232	0.000	3	1	1	1		
512709	PL.3444	C	Consumer	7.34Y	122.3	0.00	3.71	0.90	0	6	2	95	0.00	0.0	3.232	0.000	6	2	1	1		
512708	PL.3444	C	Consumer	7.34Y	122.3	0.00	3.71	0.01	0	0	0	100	0.00	0.0	3.232	0.000	0	0	1	1		
512704	PL.3444	C	Consumer	7.34Y	122.3	0.00	3.71	0.58	0	4	1	97	0.00	0.0	3.232	0.000	4	1	1	1		
512706	PL.3444	C	Consumer	7.34Y	122.3	0.00	3.71	1.67	0	12	4	95	0.00	0.0	3.232	0.000	12	4	1	1		
512701	PL.3444	C	Consumer	7.34Y	122.3	0.00	3.71	0.36	0	3	1	95	0.00	0.0	3.232	0.000	3	1	1	1		
PL.33248	PL.3444	C	4ACSR	7.34Y	122.3	0.00	3.71	2.18	2	15	5	95	0.00	0.0	3.266	0.034	0	0	0	4		
512806	PL.33248	C	Consumer	7.34Y	122.3	0.00	3.71	0.98	0	7	2	96	0.00	0.0	3.266	0.000	7	2	1	1		
512707	PL.33248	C	Consumer	7.34Y	122.3	0.00	3.71	0.22	0	2	1	89	0.00	0.0	3.266	0.000	2	1	1	1		
512807	PL.33248	C	Consumer	7.34Y	122.3	0.00	3.71	0.46	0	3	1	95	0.00	0.0	3.266	0.000	3	1	1	1		
512817	PL.33248	C	Consumer	7.34Y	122.3	0.00	3.71	0.52	0	4	1	97	0.00	0.0	3.266	0.000	4	1	1	1		
PL.15800	PL.20087	A	4ACSR	7.50Y	125.0	0.00	1.03	4.49	4	32	11	95	0.00	0.0	3.125	0.006	0	0	0	8		
PD.2419	PL.15800	A	fuse6AMP	7.50Y	125.0	0.00	1.03	4.49	77	32	11	95	0.00	0.0	3.125	0.000	0	0	0	8		
PL.15801	PD.2419	A	4ACSR	7.50Y	125.0	0.01	1.04	4.49	4	32	11	95	0.00	0.0	3.153	0.028	0	0	0	8		
PL.12757	PL.15801	A	4ACSR	7.50Y	125.0	0.01	1.05	3.82	3	27	9	95	0.00	0.0	3.192	0.039	0	0	0	5		
510723	PL.12757	A	Consumer	7.50Y	125.0	0.00	1.05	0.29	0	2	1	89	0.00	0.0	3.192	0.000	2	1	1	1		
510713	PL.12757	A	Consumer	7.50Y	125.0	0.00	1.05	0.50	0	4	1	97	0.00	0.0	3.192	0.000	4	1	1	1		
510712	PL.12757	A	Consumer	7.50Y	125.0	0.00	1.05	1.38	0	10	3	96	0.00	0.0	3.192	0.000	10	3	1	1		
510722	PL.12757	A	Consumer	7.50Y	125.0	0.00	1.05	0.75	0	5	2	93	0.00	0.0	3.192	0.000	5	2	1	1		
510714	PL.12757	A	Consumer	7.50Y	125.0	0.00	1.05	0.90	0	6	2	95	0.00	0.0	3.192	0.000	6	2	1	1		
510801	PL.15801	A	Consumer	7.50Y	125.0	0.00	1.04	0.28	0	2	1	89	0.00	0.0	3.153	0.000	2	1	1	1		
511821	PL.15801	A	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	3.153	0.000	0	0	0	0		
511822	PL.15801	A	Consumer	7.50Y	125.0	0.00	1.04	0.04	0	0	0	100	0.00	0.0	3.153	0.000	0	0	1	1		
511817	PL.15801	A	Consumer	7.50Y	125.0	0.00	1.04	0.35	0	2	1	89	0.00	0.0	3.153	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: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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 511801, 511820, 511823, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts														-----Element-----			
							-Base Voltage:120.0-																	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	KW	KVAR	Cons On	Cons Thru				
PL.7614	PL.13851	A	397ACSR	7.51Y	125.2	-0.00	0.82	1.10	0	8	3	94	0.00	0.0	3.550	0.039	0	0	0	2				
		B		7.39Y	123.2	0.00	2.76	3.55	1	25	9	94					0	0	0	5				
		C		7.33Y	122.2	0.01	3.85	17.21	4	119	41	95					0	0	0	24				
PL.7897	PL.7614	A	397ACSR	7.51Y	125.2	-0.04	0.77	1.10	0	8	3	94	0.04	0.0	3.955	0.405	0	0	0	2				
		B		7.39Y	123.2	0.03	2.79	2.30	0	16	6	93					0	0	0	2				
		C		7.32Y	122.1	0.07	3.92	17.21	4	119	41	95					0	0	0	24				
PL.13852	PL.7897	C	1/0EPRJCN	7.32Y	122.1	0.00	3.92	7.22	4	50	16	95	0.00	0.0	3.967	0.011	0	0	0	8				
PL.13853	PL.13852	C	1/0EPRJCN	7.32Y	122.1	0.01	3.93	7.22	4	50	16	95	0.00	0.0	4.038	0.071	0	0	0	8				
PL.13854	PL.13853	C	1/0EPRJCN	7.32Y	122.1	0.00	3.94	6.47	3	45	15	95	0.00	0.0	4.067	0.029	0	0	0	6				
PL.20165	PL.13854	C	1/0EPRJCN	7.32Y	122.1	0.01	3.94	4.50	2	31	10	95	0.00	0.0	4.131	0.064	0	0	0	4				
072687	PL.20165	C	Consumer	7.32Y	122.1	0.00	3.94	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	7.32Y	122.0	0.01	3.95	3.92	2	27	9	95	0.00	0.0	4.197	0.066	0	0	0	3				
072682	PL.20166	C	Consumer	7.32Y	122.0	0.00	3.95	1.51	0	10	4	93	0.00	0.0	4.197	0.000	10	4	1	1				
072694	PL.20166	C	Consumer	7.32Y	122.0	0.00	3.95	1.16	0	8	3	94	0.00	0.0	4.197	0.000	8	3	1	1				
072688	PL.20166	C	Consumer	7.32Y	122.0	0.00	3.95	1.27	0	9	3	95	0.00	0.0	4.197	0.000	9	3	1	1				
072691	PL.13854	C	Consumer	7.32Y	122.1	0.00	3.94	0.71	0	5	2	93	0.00	0.0	4.067	0.000	5	2	1	1				
072686	PL.13854	C	Consumer	7.32Y	122.1	0.00	3.94	1.26	0	9	3	95	0.00	0.0	4.067	0.000	9	3	1	1				
0726098	PL.13853	C	Consumer	7.32Y	122.1	0.00	3.93	0.74	0	5	2	93	0.00	0.0	4.038	0.000	5	2	1	1				
0726104	PL.13853	C	Consumer	7.32Y	122.1	0.00	3.93	0.02	0	0	0	100	0.00	0.0	4.038	0.000	0	0	1	1				
PL.13855	PL.7897	A	397ACSR	7.51Y	125.2	-0.00	0.77	1.10	0	8	3	94	0.00	0.0	3.995	0.040	0	0	0	2				
		B		7.39Y	123.2	0.00	2.79	2.30	0	16	6	93					0	0	0	2				
		C		7.32Y	122.1	0.00	3.93	9.99	2	69	24	94					0	0	0	16				
PL.4510	PL.13855	B	4ACSR	7.39Y	123.2	0.00	2.79	0.58	0	4	2	89	0.00	0.0	4.077	0.081	0	0	0	1				
072695	PL.4510	B	Consumer	7.39Y	123.2	0.00	2.79	0.58	0	4	2	89	0.00	0.0	4.077	0.000	4	2	1	1				
PL.13856	PL.13855	A	397ACSR	7.51Y	125.2	-0.01	0.77	1.10	0	8	3	94	0.00	0.0	4.135	0.140	0	0	0	2				
		B		7.39Y	123.2	0.01	2.80	1.72	0	12	4	94					0	0	0	1				
		C		7.32Y	122.1	0.01	3.94	9.99	2	69	24	94					0	0	0	16				
PL.13857	PL.13856	A	397ACSR	7.51Y	125.2	-0.01	0.76	1.10	0	8	3	94	0.00	0.0	4.260	0.125	0	0	0	2				
		B		7.39Y	123.2	0.00	2.80	0.00	0	0	0	100					0	0	0	0				
		C		7.32Y	122.0	0.01	3.95	9.99	2	69	24	94					0	0	0	16				
PL.4330	PL.13857	A	4ACSR	7.51Y	125.2	0.00	0.76	1.10	1	8	3	94	0.00	0.0	4.298	0.038	0	0	0	2				
072706	PL.4330	A	Consumer	7.51Y	125.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	4.298	0.000	0	0	1	1				
072710	PL.4330	A	Consumer	7.51Y	125.2	0.00	0.76	1.10	0	8	3	94	0.00	0.0	4.298	0.000	8	3	1	1				
PL.17310	PL.13857	C	4ACSR	7.32Y	122.0	0.00	3.95	0.00	0	0	0	100	0.00	0.0	4.265	0.006	0	0	0	0				
PD.3209	PL.17310	C	fuse6AMP	7.32Y	122.0	0.00	3.95	0.00	0	0	0	100	0.00	0.0	4.265	0.000	0	0	0	0				
PL.17311	PD.3209	C	4ACSR	7.32Y	122.0	0.00	3.95	0.00	0	0	0	100	0.00	0.0	4.312	0.047	0	0	0	0				
072717	PL.17311	C	Consumer	7.32Y	122.0	0.00	3.95	0.00	0	0	0	100	0.00	0.0	4.312	0.000	0	0	0	0				
PL.13858	PL.13857	A	397ACSR	7.51Y	125.2	-0.01	0.75	0.00	0	0	0	100	0.00	0.0	4.344	0.084	0	0	0	0				
		B		7.39Y	123.2	0.00	2.80	0.00	0	0	0	100					0	0	0	0				
		C		7.32Y	122.0	0.01	3.96	9.99	2	69	24	94					0	0	0	16				
PL.4508	PL.13858	C	4ACSR	7.32Y	122.0	0.00	3.97	1.62	1	11	4	94	0.00	0.0	4.382	0.038	0	0	0	2				
072715	PL.4508	C	Consumer	7.32Y	122.0	0.00	3.97	0.68	0	5	2	93	0.00	0.0	4.382	0.000	5	2	1	1				
072713	PL.4508	C	Consumer	7.32Y	122.0	0.00	3.97	0.94	0	6	2	95	0.00	0.0	4.382	0.000	6	2	1	1				

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.376, PD.3208-A, PL.13859, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 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: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.204-A	PL.13469	C	Closed	7.25Y	120.8	0.00	5.15	5.80	0	40	14	94	0.00	0.0	4.276	0.000	0	0	0	7
PD.204-B	PD.204-A	C	Closed	7.25Y	120.8	0.00	5.15	5.80	0	40	14	94	0.00	0.0	4.276	0.000	0	0	0	7
PL.13470	PD.204-B	C	4ACSR	7.25Y	120.8	0.00	5.15	5.80	5	40	14	94	0.00	0.0	4.279	0.004	0	0	0	7
PL.8554	PL.13470	C	4ACSR	7.25Y	120.8	0.00	5.16	5.80	5	40	14	94	0.00	0.0	4.297	0.018	0	0	0	7
PL.15119	PL.8554	C	4ACSR	7.25Y	120.8	0.00	5.16	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	7.25Y	120.8	0.00	5.16	0.00	0	0	0	100	0.00	0.0	4.354	0.000	0	0	0	0
PL.45378	PL.8554	C	4ACSR	7.25Y	120.8	0.01	5.17	5.80	5	40	14	94	0.00	0.0	4.325	0.028	0	0	0	7
PL.45379	PL.45378	C	4ACSR	7.25Y	120.8	0.01	5.17	5.80	5	40	14	94	0.00	0.0	4.348	0.023	0	0	0	7
070634	PL.45379	C	Consumer	7.25Y	120.8	0.00	5.17	0.00	0	0	0	100	0.00	0.0	4.348	0.000	0	0	0	0
PL.38114	PL.45379	C	4ACSR	7.25Y	120.8	0.00	5.17	5.80	5	40	14	94	0.00	0.0	4.353	0.005	0	0	0	7
C PD.6613	PL.38114	C	fuse6AMP	7.25Y	120.8	0.00	5.17	5.80	99	40	14	94	0.00	0.0	4.353	0.000	0	0	0	7 C
PL.38115	PD.6613	C	4ACSR	7.25Y	120.8	0.01	5.19	5.80	5	40	14	94	0.00	0.0	4.396	0.043	0	0	0	7
PL.8387	PL.38115	C	4ACSR	7.25Y	120.8	0.02	5.20	5.80	5	40	14	94	0.00	0.0	4.454	0.057	0	0	0	7
PL.13256	PL.8387	C	4ACSR	7.25Y	120.8	0.01	5.21	5.80	5	40	14	94	0.00	0.0	4.506	0.052	0	0	0	7
019602	PL.13256	C	Consumer	7.25Y	120.8	0.00	5.21	0.66	0	4	2	89	0.00	0.0	4.506	0.000	4	2	1	1
PL.13257	PL.13256	C	4ACSR	7.25Y	120.8	0.02	5.24	5.14	4	35	12	95	0.01	0.0	4.599	0.093	0	0	0	6
PL.35623	PL.13257	C	4ACSR	7.24Y	120.7	0.01	5.25	4.18	4	29	10	95	0.00	0.0	4.672	0.074	0	0	0	5
PL.35624	PL.35623	C	4ACSR	7.24Y	120.7	0.01	5.26	3.74	3	26	9	94	0.00	0.0	4.707	0.035	0	0	0	4
019603	PL.35624	C	Consumer	7.24Y	120.7	0.00	5.26	1.03	0	7	2	96	0.00	0.0	4.707	0.000	7	2	1	1
PL.13259	PL.35624	C	4ACSR	7.24Y	120.7	0.01	5.27	2.71	2	19	6	95	0.00	0.0	4.781	0.074	0	0	0	3
PL.45403	PL.13259	C	2ACSR	7.24Y	120.7	0.00	5.27	1.06	1	7	3	92	0.00	0.0	4.863	0.082	0	0	0	2
PL.45404	PL.45403	C	2ACSR	7.24Y	120.7	0.01	5.28	1.06	1	7	3	92	0.00	0.0	5.094	0.230	0	0	0	2
PL.34624	PL.45404	C	2ACSR	7.24Y	120.7	0.00	5.28	0.77	0	5	2	93	0.00	0.0	5.195	0.102	0	0	0	1
0186004	PL.34624	C	Consumer	7.24Y	120.7	0.00	5.28	0.77	0	5	2	93	0.00	0.0	5.195	0.000	5	2	1	1
018601	PL.45404	C	Consumer	7.24Y	120.7	0.00	5.28	0.00	0	0	0	100	0.00	0.0	5.094	0.000	0	0	0	0
0186003	PL.45404	C	Consumer	7.24Y	120.7	0.00	5.28	0.29	0	2	1	89	0.00	0.0	5.094	0.000	2	1	1	1
PL.45402	PL.45403	C	2ACSR	7.24Y	120.7	0.00	5.27	0.00	0	0	0	100	0.00	0.0	4.907	0.043	0	0	0	0
SRL.36350	PL.45402	C	Consumer	7.24Y	120.7	0.00	5.27	0.00	0	0	0	100	0.00	0.0	4.907	0.000	0	0	0	0
PL.8388	PL.13259	C	4ACSR	7.24Y	120.7	0.00	5.27	1.66	1	11	4	94	0.00	0.0	4.818	0.037	0	0	0	1
019601	PL.8388	C	Consumer	7.24Y	120.7	0.00	5.27	1.66	0	11	4	94	0.00	0.0	4.818	0.000	11	4	1	1
019604	PL.35623	C	Consumer	7.24Y	120.7	0.00	5.25	0.44	0	3	1	95	0.00	0.0	4.672	0.000	3	1	1	1
PL.437	PL.13257	C	4ACSR	7.25Y	120.8	0.00	5.24	0.96	1	7	2	96	0.00	0.0	4.627	0.028	0	0	0	1
0196005	PL.437	C	Consumer	7.25Y	120.8	0.00	5.24	0.96	0	7	2	96	0.00	0.0	4.627	0.000	7	2	1	1
PL.41300	PL.8387	C	2ACSR	7.25Y	120.8	0.00	5.20	0.00	0	0	0	100	0.00	0.0	4.563	0.110	0	0	0	0
0196006	PL.41300	C	Consumer	7.25Y	120.8	0.00	5.20	0.00	0	0	0	100	0.00	0.0	4.563	0.000	0	0	0	0
PL.45377	PL.45378	C	2ACSR	7.25Y	120.8	0.00	5.17	0.00	0	0	0	100	0.00	0.0	4.344	0.019	0	0	0	0
0706064	PL.45377	C	Consumer	7.25Y	120.8	0.00	5.17	0.00	0	0	0	100	0.00	0.0	4.344	0.000	0	0	0	0
070622	PL.39290	C	Consumer	7.25Y	120.9	0.00	5.14	1.94	0	13	5	93	0.00	0.0	4.238	0.000	13	5	1	1

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.34733	PL.13466	C	4ACSR	7.26Y	120.9	0.00	5.06	2.17	2	15	5	95	0.00	0.0	4.013	0.004	0	0	0	2
PD.4939	PL.34733	C	fuse6AMP	7.26Y	120.9	0.00	5.06	2.17	37	15	5	95	0.00	0.0	4.013	0.000	0	0	0	2
PL.34734	PD.4939	C	4ACSR	7.26Y	120.9	0.00	5.07	2.17	2	15	5	95	0.00	0.0	4.058	0.045	0	0	0	2
070615	PL.34734	C	Consumer	7.26Y	120.9	0.00	5.07	2.11	0	14	5	94	0.00	0.0	4.058	0.000	14	5	1	1
PL.36490	PL.34734	C	2ACSR	7.26Y	120.9	0.00	5.07	0.06	0	0	0	100	0.00	0.0	4.095	0.037	0	0	0	1
0706056	PL.36490	C	Consumer	7.26Y	120.9	0.00	5.07	0.06	0	0	0	100	0.00	0.0	4.095	0.000	0	0	1	1
070644	PL.26271	C	Consumer	7.26Y	121.0	0.00	5.04	0.00	0	0	0	100	0.00	0.0	3.951	0.000	0	0	0	0
070611	PL.26271	C	Consumer	7.26Y	121.0	0.00	5.04	0.00	0	0	0	100	0.00	0.0	3.951	0.000	0	0	0	0
070606	PL.26271	C	Consumer	7.26Y	121.0	0.00	5.04	0.73	0	5	2	93	0.00	0.0	3.951	0.000	5	2	1	1
PL.34728	PL.26271	C	4ACSR	7.26Y	121.0	0.00	5.04	1.33	1	9	3	95	0.00	0.0	3.954	0.004	0	0	0	3
PD.4938	PL.34728	C	fuse6AMP	7.26Y	121.0	0.00	5.04	1.33	23	9	3	95	0.00	0.0	3.954	0.000	0	0	0	3
PL.34731	PD.4938	C	4ACSR	7.26Y	121.0	0.00	5.04	1.33	1	9	3	95	0.00	0.0	3.957	0.002	0	0	0	3
PL.34732	PL.34731	C	4ACSR	7.26Y	121.0	0.00	5.04	0.91	1	6	2	95	0.00	0.0	4.033	0.077	0	0	0	2
070607	PL.34732	C	Consumer	7.26Y	121.0	0.00	5.04	0.59	0	4	1	97	0.00	0.0	4.033	0.000	4	1	1	1
070608	PL.34732	C	Consumer	7.26Y	121.0	0.00	5.04	0.32	0	2	1	89	0.00	0.0	4.033	0.000	2	1	1	1
PL.34730	PL.34731	C	4ACSR	7.26Y	121.0	0.00	5.04	0.42	0	3	1	95	0.00	0.0	3.964	0.007	0	0	0	1
PL.34727	PL.34730	C	4ACSR	7.26Y	121.0	0.00	5.04	0.42	0	3	1	95	0.00	0.0	4.011	0.047	0	0	0	1
PL.8079	PL.34727	C	4ACSR	7.26Y	121.0	0.00	5.04	0.42	0	3	1	95	0.00	0.0	4.122	0.111	0	0	0	1
070641	PL.8079	C	Consumer	7.26Y	121.0	0.00	5.04	0.42	0	3	1	95	0.00	0.0	4.122	0.000	3	1	1	1
070631	PL.34727	C	Consumer	7.26Y	121.0	0.00	5.04	0.00	0	0	0	100	0.00	0.0	4.011	0.000	0	0	0	0
070617	PL.26270	C	Consumer	7.26Y	121.0	0.00	5.01	0.46	0	3	1	95	0.00	0.0	3.913	0.000	3	1	1	1
070647	PL.26270	C	Consumer	7.26Y	121.0	0.00	5.01	0.00	0	0	0	100	0.00	0.0	3.913	0.000	0	0	1	1
PL.42662	PL.4326	C	4ACSR	7.26Y	121.0	0.00	4.96	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	7.26Y	121.0	0.00	4.96	0.00	0	0	0	100	0.00	0.0	3.853	0.000	0	0	0	0
PL.34722	PL.4326	C	4ACSR	7.26Y	121.0	0.00	4.96	0.63	1	4	2	89	0.00	0.0	3.847	0.010	0	0	0	1
PL.34723	PL.34722	C	4ACSR	7.26Y	121.0	0.00	4.96	0.63	1	4	1	97	0.00	0.0	3.869	0.022	0	0	0	1
070618	PL.34723	C	Consumer	7.26Y	121.0	0.00	4.96	0.63	0	4	1	97	0.00	0.0	3.869	0.000	4	1	1	1
070643	PL.34723	C	Consumer	7.26Y	121.0	0.00	4.96	0.00	0	0	0	100	0.00	0.0	3.869	0.000	0	0	0	0
505003	PL.4595	C	Consumer	7.26Y	121.1	0.00	4.92	1.07	0	7	3	92	0.00	0.0	3.783	0.000	7	3	1	1
PL.34720	PL.4595	C	4ACSR	7.26Y	121.1	0.00	4.92	1.79	2	12	4	95	0.00	0.0	3.799	0.015	0	0	0	1
PD.4934	PL.34720	C	fuse6AMP	7.26Y	121.1	0.00	4.92	1.79	31	12	4	95	0.00	0.0	3.799	0.000	0	0	0	1
PL.34721	PD.4934	C	4ACSR	7.26Y	121.1	0.00	4.93	1.79	2	12	4	95	0.00	0.0	3.848	0.049	0	0	0	1
505004	PL.34721	C	Consumer	7.26Y	121.1	0.00	4.93	1.79	0	12	4	95	0.00	0.0	3.848	0.000	12	4	1	1
070612	PL.8072	C	Consumer	7.27Y	121.2	0.00	4.82	0.07	0	0	0	100	0.00	0.0	3.678	0.000	0	0	1	1
070613	PL.8072	C	Consumer	7.27Y	121.2	0.00	4.82	0.98	0	7	2	96	0.00	0.0	3.678	0.000	7	2	1	1
070619	PL.8072	C	Consumer	7.27Y	121.2	0.00	4.82	0.00	0	0	0	100	0.00	0.0	3.678	0.000	0	0	1	1
506002	PL.8072	C	Consumer	7.27Y	121.2	0.00	4.82	0.32	0	2	1	89	0.00	0.0	3.678	0.000	2	1	1	1
070614	PL.8072	C	Consumer	7.27Y	121.2	0.00	4.82	0.49	0	3	1	95	0.00	0.0	3.678	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
071631	PL.20522	C	Consumer	7.28Y	121.3	0.00	4.75	0.06	0	0	0	100	0.00	0.0	3.605	0.000	0	0	1	1
071645	PL.20522	C	Consumer	7.28Y	121.3	0.00	4.75	0.58	0	4	1	97	0.00	0.0	3.605	0.000	4	1	1	1
071628	PL.20522	C	Consumer	7.28Y	121.3	0.00	4.75	1.31	0	9	3	95	0.00	0.0	3.605	0.000	9	3	1	1
PL.34713	PL.13091	C	4ACSR	7.28Y	121.4	0.00	4.58	2.47	2	17	6	94	0.00	0.0	3.477	0.006	0	0	0	2
PD.4931	PL.34713	C	fuse6AMP	7.28Y	121.4	0.00	4.58	2.47	42	17	6	94	0.00	0.0	3.477	0.000	0	0	0	2
PL.34714	PD.4931	C	4ACSR	7.28Y	121.4	0.00	4.59	2.47	2	17	6	94	0.00	0.0	3.486	0.009	0	0	0	2
PL.8074	PL.34714	C	4ACSR	7.28Y	121.4	0.00	4.59	1.76	1	12	4	95	0.00	0.0	3.530	0.044	0	0	0	1
071632	PL.8074	C	Consumer	7.28Y	121.4	0.00	4.59	1.76	0	12	4	95	0.00	0.0	3.530	0.000	12	4	1	1
PL.4589	PL.8074	C	4ACSR	7.28Y	121.4	0.00	4.59	0.00	0	0	0	100	0.00	0.0	3.549	0.019	0	0	0	0
071623	PL.34714	C	Consumer	7.28Y	121.4	0.00	4.59	0.71	0	5	2	93	0.00	0.0	3.486	0.000	5	2	1	1
071642	PL.13090	C	Consumer	7.29Y	121.5	0.00	4.51	0.54	0	4	1	97	0.00	0.0	3.421	0.000	4	1	1	1
PL.34709	PL.13092	C	4ACSR	7.30Y	121.6	0.00	4.36	1.63	1	11	4	94	0.00	0.0	3.335	0.004	0	0	0	4
PD.4929	PL.34709	C	fuse6AMP	7.30Y	121.6	0.00	4.36	1.63	28	11	4	94	0.00	0.0	3.335	0.000	0	0	0	4
PL.34710	PD.4929	C	4ACSR	7.30Y	121.6	0.00	4.37	1.63	1	11	4	94	0.00	0.0	3.385	0.050	0	0	0	4
071639	PL.34710	C	Consumer	7.30Y	121.6	0.00	4.37	1.28	0	9	3	95	0.00	0.0	3.385	0.000	9	3	1	1
071617	PL.34710	C	Consumer	7.30Y	121.6	0.00	4.37	0.20	0	1	0	100	0.00	0.0	3.385	0.000	1	0	1	1
071627	PL.34710	C	Consumer	7.30Y	121.6	0.00	4.37	0.00	0	0	0	100	0.00	0.0	3.385	0.000	0	0	1	1
071618	PL.34710	C	Consumer	7.30Y	121.6	0.00	4.37	0.15	0	1	0	100	0.00	0.0	3.385	0.000	1	0	1	1
PL.34735	PL.15841	C	4ACSR	7.31Y	121.9	0.00	4.14	1.46	1	10	3	96	0.00	0.0	3.214	0.010	0	0	0	1
PD.4940	PL.34735	C	fuse6AMP	7.31Y	121.9	0.00	4.14	1.46	25	10	3	96	0.00	0.0	3.214	0.000	0	0	0	1
PL.34736	PD.4940	C	4ACSR	7.31Y	121.9	0.00	4.14	1.46	1	10	3	96	0.00	0.0	3.255	0.041	0	0	0	1
071636	PL.34736	C	Consumer	7.31Y	121.9	0.00	4.14	0.00	0	0	0	100	0.00	0.0	3.255	0.000	0	0	0	0
071635	PL.34736	C	Consumer	7.31Y	121.9	0.00	4.14	1.46	0	10	3	96	0.00	0.0	3.255	0.000	10	3	1	1
PL.42658	PL.42659	A	336ACSR	7.51Y	125.2	-0.01	0.76	13.14	3	97	-16	-99	0.05	0.0	3.168	0.062	0	0	0	6
		B		7.39Y	123.2	0.02	2.84	28.74	7	211	20	100			0	0	0	0	25	
		C		7.32Y	122.0	0.02	3.96	40.04	9	288	55	98			0	0	0	0	39	
071607	PL.42658	A	Consumer	7.51Y	125.2	0.00	0.76	0.16	0	1	0	100	0.00	0.0	3.168	0.000	1	0	1	1
PL.15842	PL.42658	A	4ACSR	7.51Y	125.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	3.173	0.006	0	0	0	0
		B		7.39Y	123.2	0.00	2.84	1.26	1	9	3	94			0	0	0	0	3	
		C		7.32Y	122.0	-0.00	3.96	0.00	0	0	0	100			0	0	0	0	0	
PD.3201	PL.15842	A	fuse6AMP	7.51Y	125.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	3.173	0.000	0	0	0	0
		B		7.39Y	123.2	0.00	2.84	1.26	21	9	3	94			0	0	0	0	3	
		C		7.32Y	122.0	0.00	3.96	0.00	0	0	0	100			0	0	0	0	0	
PL.15843	PD.3201	B	4ACSR	7.39Y	123.2	0.00	2.84	1.26	1	9	3	95	0.00	0.0	3.253	0.080	0	0	0	3
071659	PL.15843	B	Consumer	7.39Y	123.2	0.00	2.84	0.70	0	5	2	93	0.00	0.0	3.253	0.000	5	2	1	1
PL.4588	PL.15843	B	4ACSR	7.39Y	123.2	0.00	2.84	0.56	0	4	1	97	0.00	0.0	3.319	0.065	0	0	0	2
PL.4333	PL.4588	B	4ACSR	7.39Y	123.2	0.00	2.85	0.48	0	3	1	95	0.00	0.0	3.383	0.065	0	0	0	1
071682	PL.4333	B	Consumer	7.39Y	123.2	0.00	2.85	0.48	0	3	1	95	0.00	0.0	3.383	0.000	3	1	1	1
PL.4305	PL.4588	B	4ACSR	7.39Y	123.2	0.00	2.85	0.07	0	1	0	100	0.00	0.0	3.459	0.141	0	0	0	1
071684	PL.4305	B	Consumer	7.39Y	123.2	0.00	2.85	0.07	0	1	0	100	0.00	0.0	3.459	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.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, P PL.13629, P PL.13095, P PL.13096, 071686, 071685, 071687, PL.4584, 071609, 071615, PL.8555.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.21374, PL.15126, C PD.3200, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.15124, PD.3199-A, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

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-----					
							Accum Drop	Thru % Amps	% Cap	Thru KW	% KVAR	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru	
070605	PL.34649	C	Consumer	7.26Y	120.9	0.00	5.05	0.81	0	6	2	95	0.00	0.0	4.899	0.000	6	2	1	1
PL.7620	PL.19871	C	4ACSR	7.25Y	120.9	0.04	5.09	14.32	12	98	34	94	0.03	0.0	4.912	0.067	0	0	0	16
070621	PL.7620	C	Consumer	7.25Y	120.9	0.00	5.09	0.98	0	7	2	96	0.00	0.0	4.912	0.000	7	2	1	1
PL.41329	PL.7620	C	2ACSR	7.25Y	120.9	0.00	5.09	1.91	1	13	5	93	0.00	0.0	4.918	0.006	0	0	0	2
PD.7394	PL.41329	C	fuse6AMP	7.25Y	120.9	0.00	5.09	1.91	33	13	5	93	0.00	0.0	4.918	0.000	0	0	0	2
PL.41330	PD.7394	C	2ACSR	7.25Y	120.9	0.00	5.10	1.91	1	13	5	93	0.00	0.0	4.983	0.064	0	0	0	2
0706062	PL.41330	C	Consumer	7.25Y	120.9	0.00	5.10	1.34	0	9	3	95	0.00	0.0	4.983	0.000	9	3	1	1
0706061	PL.41330	C	Consumer	7.25Y	120.9	0.00	5.10	0.57	0	4	1	97	0.00	0.0	4.983	0.000	4	1	1	1
PL.8089	PL.7620	C	4ACSR	7.25Y	120.8	0.09	5.18	11.43	10	78	27	94	0.05	0.1	5.079	0.167	0	0	0	13
070620	PL.8089	C	Consumer	7.25Y	120.8	0.00	5.18	1.06	0	7	3	92	0.00	0.0	5.079	0.000	7	3	1	1
PL.38653	PL.8089	C	4ACSR	7.25Y	120.8	0.02	5.20	10.38	9	71	25	94	0.01	0.0	5.116	0.037	0	0	0	12
PL.38654	PL.38653	C	4ACSR	7.25Y	120.8	0.02	5.22	9.80	8	67	23	95	0.01	0.0	5.168	0.052	0	0	0	11
PL.8084	PL.38654	C	4ACSR	7.25Y	120.8	0.01	5.23	8.87	7	61	21	95	0.00	0.0	5.185	0.017	0	0	0	10
070628	PL.8084	C	Consumer	7.25Y	120.8	0.00	5.23	1.33	0	9	3	95	0.00	0.0	5.185	0.000	9	3	1	1
PL.8083	PL.8084	C	4ACSR	7.25Y	120.8	0.01	5.23	7.55	6	52	18	94	0.00	0.0	5.204	0.019	0	0	0	9
PL.15102	PL.8083	C	4ACSR	7.25Y	120.8	0.00	5.23	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	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	5.210	0.000	0	0	0	0
PL.45626	PL.8083	C	4ACSR	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	5.411	0.206	0	0	0	0
PL.46018	PL.45626	C	4ACSR	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	5.661	0.251	0	0	0	0
PL.45623	PL.46018	C	4ACSR	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	5.753	0.092	0	0	0	0
PL.45622	PL.45623	C	4ACSR	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	5.842	0.089	0	0	0	0
0196009	PL.45622	C	Consumer	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	5.842	0.000	0	0	0	0
PL.45625	PL.45622	C	4ACSR	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	5.923	0.081	0	0	0	0
PL.45624	PL.45625	C	4ACSR	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	6.111	0.188	0	0	0	0
PL.45628	PL.45624	C	4ACSR	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	6.214	0.103	0	0	0	0
PL.45629	PL.45628	C	4ACSR	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	6.497	0.282	0	0	0	0
PL.45633	PL.45629	C	4ACSR	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	6.575	0.078	0	0	0	0
PL.45634	PL.45633	C	4ACSR	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	6.670	0.095	0	0	0	0
0186006	PL.45634	C	Consumer	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	6.670	0.000	0	0	0	0
0196010	PL.45633	C	Consumer	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	6.575	0.000	0	0	0	0
PL.45630	PL.45628	C	4ACSR	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	6.441	0.226	0	0	0	0
PL.45631	PL.45630	C	4ACSR	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	6.507	0.066	0	0	0	0
25184	PL.45631	C	Consumer	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	6.507	0.000	0	0	0	0
PL.45632	PL.45630	C	4ACSR	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	6.565	0.124	0	0	0	0
PL.45627	PL.45625	C	4ACSR	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	6.346	0.423	0	0	0	0
0186005	PL.45627	C	Consumer	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	6.346	0.000	0	0	0	0
PL.45619	PL.45623	C	4ACSR	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	5.791	0.037	0	0	0	0
0196008	PL.45619	C	Consumer	7.25Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	5.791	0.000	0	0	0	0

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

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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), and Element Cons (KW, KVAR, On, 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

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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		
PL.31447	PL.31446	C	4ACSR	7.28Y	121.4	0.00	4.63	0.00	0	0	0	100	0.00	0.0	4.578	0.068	0	0	0	0		
0707024	PL.31446	C	Consumer	7.28Y	121.4	0.00	4.63	0.00	0	0	0	100	0.00	0.0	4.510	0.000	0	0	0	0		
PL.4591	PL.13460	B	4ACSR	7.38Y	122.9	0.01	3.08	2.63	2	18	6	95	0.00	0.0	4.186	0.065	0	0	0	2		
071669	PL.4591	B	Consumer	7.38Y	122.9	0.00	3.08	0.75	0	5	2	93	0.00	0.0	4.186	0.000	5	2	1	1		
PL.4593	PL.4591	B	4ACSR	7.37Y	122.9	0.01	3.08	1.87	2	13	5	93	0.00	0.0	4.262	0.077	0	0	0	1		
PL.4594	PL.4593	B	4ACSR	7.37Y	122.9	0.00	3.08	0.00	0	0	0	100	0.00	0.0	4.323	0.060	0	0	0	0		
071738	PL.4593	B	Consumer	7.37Y	122.9	0.00	3.08	1.87	0	13	5	93	0.00	0.0	4.262	0.000	13	5	1	1		
PL.7615	PL.13459	B	4ACSR	7.38Y	123.0	0.00	3.04	0.16	0	1	1	71	0.00	0.0	4.060	0.059	0	0	0	1		
PL.8075	PL.7615	B	4ACSR	7.38Y	123.0	0.00	3.05	0.16	0	1	1	71	0.00	0.0	4.120	0.059	0	0	0	1		
070648	PL.8075	B	Consumer	7.38Y	123.0	0.00	3.05	0.00	0	0	0	100	0.00	0.0	4.120	0.000	0	0	0	0		
071690	PL.8075	B	Consumer	7.38Y	123.0	0.00	3.05	0.16	0	1	1	71	0.00	0.0	4.120	0.000	1	1	1	1		
071671	PL.13459	B	Consumer	7.38Y	123.0	0.00	3.04	0.48	0	3	1	95	0.00	0.0	4.001	0.000	3	1	1	1		
PL.13457	PL.20115	B	4ACSR	7.38Y	122.9	0.02	3.06	8.81	7	61	21	95	0.01	0.0	3.837	0.057	0	0	0	5		
071664	PL.13457	B	Consumer	7.38Y	122.9	0.00	3.06	2.19	0	15	5	95	0.00	0.0	3.837	0.000	15	5	1	1		
071679	PL.13457	B	Consumer	7.38Y	122.9	0.00	3.06	1.64	0	11	4	94	0.00	0.0	3.837	0.000	11	4	1	1		
PL.13458	PL.13457	B	4ACSR	7.38Y	122.9	0.01	3.07	4.98	4	35	12	95	0.00	0.0	3.864	0.027	0	0	0	3		
071675	PL.13458	B	Consumer	7.38Y	122.9	0.00	3.07	1.95	0	14	5	94	0.00	0.0	3.864	0.000	14	5	1	1		
PL.7617	PL.13458	B	4ACSR	7.38Y	122.9	0.00	3.07	3.03	3	21	7	95	0.00	0.0	3.864	0.000	0	0	0	2		
PL.8090	PL.7617	B	4ACSR	7.38Y	122.9	0.00	3.07	3.03	3	21	7	95	0.00	0.0	3.899	0.034	0	0	0	2		
PL.7613	PL.8090	B	4ACSR	7.38Y	122.9	0.00	3.07	1.69	1	12	4	95	0.00	0.0	3.931	0.033	0	0	0	1		
071673	PL.7613	B	Consumer	7.38Y	122.9	0.00	3.07	1.69	0	12	4	95	0.00	0.0	3.931	0.000	12	4	1	1		
071668	PL.8090	B	Consumer	7.38Y	122.9	0.00	3.07	1.34	0	9	3	95	0.00	0.0	3.899	0.000	9	3	1	1		
PL.4585	PL.13457	B	4ACSR	7.38Y	122.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	3.879	0.042	0	0	0	0		
PL.15833	PL.13452	C	4ACSR	7.32Y	121.9	0.00	4.08	3.02	3	20	9	91	0.00	0.0	3.604	0.006	0	0	0	2		
PD.3215	PL.15833	C	fuse6AMP	7.32Y	121.9	0.00	4.08	3.02	52	20	9	91	0.00	0.0	3.604	0.000	0	0	0	2		
PL.15834	PD.3215	C	4ACSR	7.32Y	121.9	0.00	4.08	3.02	3	20	9	91	0.00	0.0	3.621	0.017	0	0	0	2		
071658	PL.15834	C	Consumer	7.32Y	121.9	0.00	4.08	1.01	0	7	2	96	0.00	0.0	3.621	0.000	7	2	1	1		
071660	PL.15834	C	Consumer	7.32Y	121.9	0.00	4.08	2.02	0	13	6	91	0.00	0.0	3.621	0.000	13	6	1	1		
071646	PL.375	A	Consumer	7.51Y	125.1	0.00	0.88	0.01	0	0	0	100	0.00	0.0	2.826	0.000	0	0	1	1		
509002	PL.24821	A	Consumer	7.50Y	125.1	0.00	0.92	0.39	0	3	1	95	0.00	0.0	2.741	0.000	3	1	1	1		
		B		7.40Y	123.3	0.00	2.67	0.39	0	3	1	90			3	1	1	1	1			
509004	PL.5797	B	Consumer	7.40Y	123.4	0.00	2.64	0.13	0	1	0	100	0.00	0.0	2.713	0.000	1	0	1	1		
5090006	PL.5797	B	Consumer	7.40Y	123.4	0.00	2.64	0.30	0	2	1	89	0.00	0.0	2.713	0.000	2	1	1	1		
509005	PL.5797	B	Consumer	7.40Y	123.4	0.00	2.64	0.32	0	2	1	89	0.00	0.0	2.713	0.000	2	1	1	1		
508004	PL.18325	A	Consumer	7.50Y	125.1	0.00	0.94	0.67	0	5	2	93	0.00	0.0	2.622	0.000	5	2	1	1		
506901	PL.24826	B	Consumer	7.41Y	123.6	0.00	2.44	0.26	0	2	1	89	0.00	0.0	2.509	0.000	2	1	1	1		
506902	PL.24826	B	Consumer	7.41Y	123.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	2.509	0.000	0	0	0	0		
506801	PL.24826	B	Consumer	7.41Y	123.6	0.00	2.44	0.62	0	4	2	89	0.00	0.0	2.509	0.000	4	2	1	1		
505803	PL.24825	C	Consumer	7.37Y	122.9	0.00	3.12	0.70	0	5	2	93	0.00	0.0	2.412	0.000	5	2	1	1		

Unbalanced Voltage Drop Report
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Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Includes data rows for various elements like PL.3218, PL.3219, 501801, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
621801	PL.20065	C	Consumer	7.50Y	125.1	0.00	0.92	1.70	0	12	4	95	0.00	0.0	0.926	0.000	12	4	1	1	
621903	PL.20065	C	Consumer	7.50Y	125.1	0.00	0.92	0.27	0	2	1	89	0.00	0.0	0.926	0.000	2	1	1	1	
PL.20135	PL.20065	C	4ACSR	7.50Y	125.1	0.00	0.92	0.76	1	5	2	93	0.00	0.0	1.042	0.116	0	0	0	2	
PL.24341	PL.20135	C	4ACSR	7.50Y	125.1	0.00	0.92	0.42	0	3	1	95	0.00	0.0	1.122	0.080	0	0	0	1	
PL.1682	PL.24341	C	4ACSR	7.50Y	125.1	0.00	0.93	0.42	0	3	1	95	0.00	0.0	1.250	0.128	0	0	0	1	
0194110	PL.1682	C	Consumer	7.50Y	125.1	0.00	0.93	0.42	0	3	1	95	0.00	0.0	1.250	0.000	3	1	1	1	
620801	PL.20135	C	Consumer	7.50Y	125.1	0.00	0.92	0.34	0	2	1	89	0.00	0.0	1.042	0.000	2	1	1	1	
621901	PL.7742	C	Consumer	7.51Y	125.1	0.00	0.91	0.13	0	1	0	100	0.00	0.0	0.865	0.000	1	0	1	1	
PL.6952	PL.7742	C	4ACSR	7.50Y	125.1	0.03	0.94	7.54	6	53	19	94	0.01	0.0	0.960	0.095	0	0	0	13	
PL.6953	PL.6952	C	4ACSR	7.50Y	125.1	0.01	0.95	7.51	6	53	19	94	0.00	0.0	0.975	0.015	0	0	0	12	
623902	PL.6953	C	Consumer	7.50Y	125.1	0.00	0.95	0.58	0	4	1	97	0.00	0.0	0.975	0.000	4	1	1	1	
622902	PL.6953	C	Consumer	7.50Y	125.1	0.00	0.95	0.74	0	5	2	93	0.00	0.0	0.975	0.000	5	2	1	1	
PL.7738	PL.6953	C	4ACSR	7.50Y	125.0	0.02	0.97	6.20	5	44	15	95	0.01	0.0	1.038	0.063	0	0	0	10	
PL.12706	PL.7738	C	4ACSR	7.50Y	125.0	0.00	0.97	5.82	5	41	14	95	0.00	0.0	1.045	0.008	0	0	0	8	
PL.16215	PL.12706	C	4ACSR	7.50Y	125.0	0.00	0.97	5.01	4	35	12	95	0.00	0.0	1.051	0.006	0	0	0	7	
PL.28116	PL.16215	C	4ACSR	7.50Y	125.0	0.00	0.97	5.01	4	35	12	95	0.00	0.0	1.052	0.001	0	0	0	7	
PD.2356-A	PL.28116	C	Closed	7.50Y	125.0	0.00	0.97	5.01	0	35	12	95	0.00	0.0	1.052	0.000	0	0	0	7	
PD.2356-B	PD.2356-A	C	Closed	7.50Y	125.0	0.00	0.97	5.01	0	35	12	95	0.00	0.0	1.052	0.000	0	0	0	7	
PL.28117	PD.2356-B	C	4ACSR	7.50Y	125.0	0.02	0.99	5.01	4	35	12	95	0.01	0.0	1.141	0.090	0	0	0	7	
624905	PL.28117	C	Consumer	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.141	0.000	0	0	0	0	
624903	PL.28117	C	Consumer	7.50Y	125.0	0.00	0.99	0.42	0	3	1	95	0.00	0.0	1.141	0.000	3	1	1	1	
624904	PL.28117	C	Consumer	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.141	0.000	0	0	0	0	
PL.12704	PL.28117	C	4ACSR	7.50Y	125.0	0.01	1.00	4.58	4	32	11	95	0.00	0.0	1.169	0.028	0	0	0	6	
PL.12705	PL.12704	C	4ACSR	7.50Y	125.0	0.01	1.00	3.64	3	26	9	94	0.00	0.0	1.216	0.047	0	0	0	5	
PL.12703	PL.12705	C	4ACSR	7.50Y	125.0	0.00	1.01	0.94	1	7	2	96	0.00	0.0	1.291	0.074	0	0	0	1	
PL.16211	PL.12703	C	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	1.323	0.033	0	0	0	0	
PD.2357-A	PL.16211	C	Open	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	1.323	0.000	0	0	0	0	
PL.38917	PL.12703	C	4ACSR	7.50Y	125.0	0.00	1.01	0.94	1	7	2	96	0.00	0.0	1.292	0.002	0	0	0	1	
PD.6768	PL.38917	C	fuse6AMP	7.50Y	125.0	0.00	1.01	0.94	16	7	2	96	0.00	0.0	1.292	0.000	0	0	0	1	
PL.38918	PD.6768	C	4ACSR	7.50Y	125.0	0.00	1.01	0.94	1	7	2	96	0.00	0.0	1.354	0.062	0	0	0	1	
625901	PL.38918	C	Consumer	7.50Y	125.0	0.00	1.01	0.94	0	7	2	96	0.00	0.0	1.354	0.000	7	2	1	1	
626003	PL.12705	C	Consumer	7.50Y	125.0	0.00	1.00	0.00	0	0	0	100	0.00	0.0	1.216	0.000	0	0	0	0	
626005	PL.12705	C	Consumer	7.50Y	125.0	0.00	1.00	0.00	0	0	0	100	0.00	0.0	1.216	0.000	0	0	0	0	
626008	PL.12705	C	Consumer	7.50Y	125.0	0.00	1.00	0.64	0	5	2	93	0.00	0.0	1.216	0.000	5	2	1	1	
626010	PL.12705	C	Consumer	7.50Y	125.0	0.00	1.00	0.91	0	6	2	95	0.00	0.0	1.216	0.000	6	2	1	1	
626002	PL.12705	C	Consumer	7.50Y	125.0	0.00	1.00	0.42	0	3	1	95	0.00	0.0	1.216	0.000	3	1	1	1	
625005	PL.12705	C	Consumer	7.50Y	125.0	0.00	1.00	0.00	0	0	0	100	0.00	0.0	1.216	0.000	0	0	0	0	
626004	PL.12705	C	Consumer	7.50Y	125.0	0.00	1.00	0.73	0	5	2	93	0.00	0.0	1.216	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 -Base Voltage:120.0-					Thru KW	Thru KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KW								KVAR	On		
PL.38919	PL.12705	C	4ACSR	7.50Y	125.0	0.00	1.00	0.00	0	0	0	100	0.00	0.0	1.219	0.003	0	0	0	0		
PD.6769	PL.38919	C	fuse6AMP	7.50Y	125.0	0.00	1.00	0.00	0	0	0	100	0.00	0.0	1.219	0.000	0	0	0	0		
PL.38920	PD.6769	C	4ACSR	7.50Y	125.0	0.00	1.00	0.00	0	0	0	100	0.00	0.0	1.284	0.065	0	0	0	0		
625003	PL.12704	C	Consumer	7.50Y	125.0	0.00	1.00	0.94	0	7	2	96	0.00	0.0	1.169	0.000	7	2	1	1		
PL.16213	PL.12706	C	4ACSR	7.50Y	125.0	0.00	0.97	0.81	1	6	2	95	0.00	0.0	1.051	0.005	0	0	0	1		
PD.2922	PL.16213	C	fuse6AMP	7.50Y	125.0	0.00	0.97	0.81	14	6	2	95	0.00	0.0	1.051	0.000	0	0	0	1		
PL.16214	PD.2922	C	4ACSR	7.50Y	125.0	0.00	0.97	0.81	1	6	2	95	0.00	0.0	1.088	0.037	0	0	0	1		
623907	PL.16214	C	Consumer	7.50Y	125.0	0.00	0.97	0.81	0	6	2	95	0.00	0.0	1.088	0.000	6	2	1	1		
6239008	PL.16214	C	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	1.088	0.000	0	0	0	0		
623906	PL.7738	C	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	1.038	0.000	0	0	0	0		
6239009	PL.7738	C	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	1.038	0.000	0	0	0	0		
623903	PL.7738	C	Consumer	7.50Y	125.0	0.00	0.97	0.10	0	1	0	100	0.00	0.0	1.038	0.000	1	0	1	1		
624901	PL.7738	C	Consumer	7.50Y	125.0	0.00	0.97	0.28	0	2	1	89	0.00	0.0	1.038	0.000	2	1	1	1		
622903	PL.6952	C	Consumer	7.50Y	125.1	0.00	0.94	0.02	0	0	0	100	0.00	0.0	0.960	0.000	0	0	1	1		
620903	PL.7740	C	Consumer	7.51Y	125.2	0.00	0.83	1.08	0	8	3	94	0.00	0.0	0.698	0.000	8	3	1	1		
620902	PL.7740	C	Consumer	7.51Y	125.2	0.00	0.83	0.82	0	6	2	95	0.00	0.0	0.698	0.000	6	2	1	1		
PL.38921	PL.12904	C	4ACSR	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.626	0.007	0	0	0	0		
PD.6770	PL.38921	C	fuse6AMP	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.626	0.000	0	0	0	0		
PL.38922	PD.6770	C	4ACSR	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.733	0.107	0	0	0	0		
019455	PL.17990	C	Consumer	7.51Y	125.2	0.00	0.76	0.93	0	7	2	96	0.00	0.0	0.576	0.000	7	2	1	1		
PL.17987	PL.45429	A	4ACSR	7.52Y	125.4	0.01	0.61	22.89	19	163	57	94	0.02	0.0	0.552	0.014	0	0	0	33		
PD.3370	PL.17987	A	70V4E	7.52Y	125.4	0.00	0.61	22.89	33	163	57	94	0.00	0.0	0.552	0.000	0	0	0	33		
PL.17988	PD.3370	A	4ACSR	7.52Y	125.3	0.04	0.65	22.89	19	163	57	94	0.05	0.0	0.591	0.039	0	0	0	33		
019456	PL.17988	A	Consumer	7.52Y	125.3	0.00	0.65	1.10	0	8	3	94	0.00	0.0	0.591	0.000	8	3	1	1		
0194101	PL.17988	A	Consumer	7.52Y	125.3	0.00	0.65	0.86	0	6	2	95	0.00	0.0	0.591	0.000	6	2	1	1		
019444	PL.17988	A	Consumer	7.52Y	125.3	0.00	0.65	0.73	0	5	2	93	0.00	0.0	0.591	0.000	5	2	1	1		
0194109	PL.17988	A	Consumer	7.52Y	125.3	0.00	0.65	1.23	0	9	3	95	0.00	0.0	0.591	0.000	9	3	1	1		
PL.12925	PL.17988	A	4ACSR	7.52Y	125.3	0.08	0.74	18.97	16	135	47	94	0.08	0.1	0.687	0.095	0	0	0	29		
PL.12926	PL.12925	A	4ACSR	7.51Y	125.2	0.02	0.76	17.65	15	125	44	94	0.02	0.0	0.714	0.027	0	0	0	27		
PL.12927	PL.12926	A	4ACSR	7.51Y	125.2	0.07	0.82	16.93	14	120	42	94	0.06	0.0	0.798	0.084	0	0	0	26		
PL.12928	PL.12927	A	4ACSR	7.51Y	125.1	0.09	0.92	14.64	12	104	36	94	0.07	0.1	0.937	0.138	0	0	0	24		
PL.12929	PL.12928	A	4ACSR	7.50Y	125.0	0.05	0.96	12.44	10	88	31	94	0.03	0.0	1.022	0.085	0	0	0	20		
018470	PL.12929	A	Consumer	7.50Y	125.0	0.00	0.96	0.73	0	5	2	93	0.00	0.0	1.022	0.000	5	2	1	1		
018411	PL.12929	A	Consumer	7.50Y	125.0	0.00	0.96	1.19	0	8	3	94	0.00	0.0	1.022	0.000	8	3	1	1		
0184130	PL.12929	A	Consumer	7.50Y	125.0	0.00	0.96	0.02	0	0	0	100	0.00	0.0	1.022	0.000	0	0	1	1		
018480	PL.12929	A	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	1.022	0.000	0	0	0	0		
PL.12930	PL.12929	A	4ACSR	7.50Y	125.0	0.02	0.99	10.50	9	74	26	94	0.01	0.0	1.070	0.048	0	0	0	17		
PL.17134	PL.12930	A	4ACSR	7.50Y	125.0	0.00	0.99	8.28	7	59	20	95	0.00	0.0	1.074	0.004	0	0	0	13		

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.156-A, PL.17135, PL.4491, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts				KVAR	% PF	kW Loss	% Loss	mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							-Base Voltage	Accum Drop	Thru Amps	% Cap							Thru KW	KW			KVAR
PD.3882	PL.32842	A	VWVE	7.56Y	126.0	0.00	0.01	244.34	0	1733	639	94	0.00	0.0	0.004	0.000	0	0	0	327	
		B		7.56Y	126.0	0.00	0.01	217.54	0	1541	575	94					0	0	0	276	
		C		7.56Y	126.0	0.00	0.01	173.10	0	1235	434	94					0	0	0	196	
C PL.32843 C C	PD.3882	A	4/OACSR	7.56Y	125.9	0.07	0.08	244.34	86	1733	639	94	1.22	0.0	0.024	0.020	0	0	0	327	C
		B		7.56Y	125.9	0.04	0.05	217.54	76	1541	575	94					0	0	0	276	C
		C		7.56Y	126.0	0.04	0.04	173.10	61	1235	434	94					0	0	0	196	C
PL.18226	PL.32843	B	4ACSR	7.55Y	125.9	0.08	0.13	15.17	13	108	38	94	0.07	0.1	0.144	0.120	0	0	0	26	
PD.3368	PL.18226	B	70V4E	7.55Y	125.9	0.00	0.13	15.17	22	108	38	94	0.00	0.0	0.144	0.000	0	0	0	26	
PL.18227	PD.3368	B	4ACSR	7.55Y	125.8	0.02	0.16	15.17	13	108	38	94	0.02	0.0	0.180	0.036	0	0	0	26	
PL.45248	PL.18227	B	4ACSR	7.55Y	125.8	0.00	0.16	0.78	1	6	2	95	0.00	0.0	0.185	0.005	0	0	0	2	
PD.8631	PL.45248	B	fuse6AMP	7.55Y	125.8	0.00	0.16	0.78	13	6	2	95	0.00	0.0	0.185	0.000	0	0	0	2	
PL.45249	PD.8631	B	4ACSR	7.55Y	125.8	0.00	0.16	0.78	1	6	2	95	0.00	0.0	0.235	0.050	0	0	0	2	
019462	PL.45249	B	Consumer	7.55Y	125.8	0.00	0.16	0.60	0	4	1	97	0.00	0.0	0.235	0.000	4	1	1	1	
019478	PL.45249	B	Consumer	7.55Y	125.8	0.00	0.16	0.00	0	0	0	100	0.00	0.0	0.235	0.000	0	0	0	0	
PL.37686	PL.45249	B	2ACSR	7.55Y	125.8	0.00	0.16	0.18	0	1	0	100	0.00	0.0	0.270	0.034	0	0	0	1	
0194123	PL.37686	B	Consumer	7.55Y	125.8	0.00	0.16	0.18	0	1	0	100	0.00	0.0	0.270	0.000	1	0	1	1	
PL.37687	PL.18227	B	4ACSR	7.55Y	125.8	0.01	0.17	14.39	12	103	36	94	0.01	0.0	0.195	0.015	0	0	0	24	
PL.37688	PL.37687	B	4ACSR	7.55Y	125.8	0.01	0.18	12.24	10	87	30	95	0.01	0.0	0.216	0.021	0	0	0	21	
019480	PL.37688	B	Consumer	7.55Y	125.8	0.00	0.18	0.66	0	5	2	93	0.00	0.0	0.216	0.000	5	2	1	1	
PL.20516	PL.37688	B	4ACSR	7.55Y	125.8	0.01	0.20	11.57	10	83	29	94	0.01	0.0	0.244	0.028	0	0	0	20	
PL.6127	PL.20516	B	4ACSR	7.54Y	125.7	0.06	0.26	11.00	9	78	27	94	0.04	0.0	0.369	0.125	0	0	0	19	
PL.45252	PL.6127	B	4ACSR	7.54Y	125.7	0.00	0.26	2.92	2	21	7	95	0.00	0.0	0.373	0.004	0	0	0	4	
PD.8633	PL.45252	B	fuse6AMP	7.54Y	125.7	0.00	0.26	2.92	50	21	7	95	0.00	0.0	0.373	0.000	0	0	0	4	
PL.45253	PD.8633	B	4ACSR	7.54Y	125.7	0.01	0.27	2.43	2	17	6	94	0.00	0.0	0.437	0.063	0	0	0	3	
019457	PL.45253	B	Consumer	7.54Y	125.7	0.00	0.27	0.12	0	1	0	100	0.00	0.0	0.437	0.000	1	0	1	1	
0194105	PL.45253	B	Consumer	7.54Y	125.7	0.00	0.27	1.31	0	9	3	95	0.00	0.0	0.437	0.000	9	3	1	1	
019487	PL.45253	B	Consumer	7.54Y	125.7	0.00	0.27	0.00	0	0	0	100	0.00	0.0	0.437	0.000	0	0	0	0	
019450	PL.45253	B	Consumer	7.54Y	125.7	0.00	0.27	1.00	0	7	2	96	0.00	0.0	0.437	0.000	7	2	1	1	
PL.45254	PD.8633	B	4ACSR	7.54Y	125.7	0.00	0.26	0.49	0	3	1	95	0.00	0.0	0.432	0.058	0	0	0	1	
019421	PL.45254	B	Consumer	7.54Y	125.7	0.00	0.26	0.49	0	3	1	95	0.00	0.0	0.432	0.000	3	1	1	1	
PL.45250	PL.6127	B	4ACSR	7.54Y	125.7	0.00	0.26	0.95	1	7	2	96	0.00	0.0	0.375	0.006	0	0	0	2	
PD.8632	PL.45250	B	fuse6AMP	7.54Y	125.7	0.00	0.26	0.95	16	7	2	96	0.00	0.0	0.375	0.000	0	0	0	2	
PL.45251	PD.8632	B	4ACSR	7.54Y	125.7	0.00	0.26	0.95	1	7	2	96	0.00	0.0	0.434	0.059	0	0	0	2	
SRL.27467	PL.45251	B	Consumer	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	0.434	0.000	0	0	0	0	
019458	PL.45251	B	Consumer	7.54Y	125.7	0.00	0.26	0.71	0	5	2	93	0.00	0.0	0.434	0.000	5	2	1	1	
0194115	PL.45251	B	Consumer	7.54Y	125.7	0.00	0.26	0.24	0	2	1	89	0.00	0.0	0.434	0.000	2	1	1	1	
PL.12898	PL.6127	B	4ACSR	7.54Y	125.7	0.01	0.27	7.13	6	51	18	94	0.00	0.0	0.401	0.031	0	0	0	13	
0194118	PL.12898	B	Consumer	7.54Y	125.7	0.00	0.27	0.54	0	4	1	97	0.00	0.0	0.401	0.000	4	1	1	1	
PL.41199	PL.12898	B	4ACSR	7.54Y	125.7	0.00	0.27	6.59	6	47	16	95	0.00	0.0	0.414	0.013	0	0	0	12	
PL.41198	PL.41199	B	2ACSR	7.54Y	125.7	0.00	0.27	0.07	0	1	0	100	0.00	0.0	0.459	0.046	0	0	0	1	

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts					Thru KW	% PF	kW Loss	% Loss	mi From Src	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR						Length (mi)	KW	KVAR	Cons On
0194124	PL.41198	B	Consumer	7.54Y	125.7	0.00	0.27	0.07	0	1	0	100	0.00	0.0	0.459	0.000	1	0	1	1
PL.41200	PL.41199	B	4ACSR	7.54Y	125.7	0.00	0.28	6.51	5	46	16	94	0.00	0.0	0.430	0.017	0	0	0	11
PL.45255	PL.41200	B	4ACSR	7.54Y	125.7	0.00	0.28	1.88	2	13	5	93	0.00	0.0	0.436	0.005	0	0	0	5
PD.8634	PL.45255	B	fuse6AMP	7.54Y	125.7	0.00	0.28	1.88	32	13	5	93	0.00	0.0	0.436	0.000	0	0	0	5
PL.45256	PD.8634	B	4ACSR	7.54Y	125.7	0.00	0.28	0.77	1	5	2	93	0.00	0.0	0.533	0.097	0	0	0	2
0184131	PL.45256	B	Consumer	7.54Y	125.7	0.00	0.28	0.01	0	0	0	100	0.00	0.0	0.533	0.000	0	0	1	1
018476	PL.45256	B	Consumer	7.54Y	125.7	0.00	0.28	0.75	0	5	2	93	0.00	0.0	0.533	0.000	5	2	1	1
PL.6129	PL.45256	B	4ACSR	7.54Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	0.533	0.000	0	0	0	0
PL.45257	PD.8634	B	4ACSR	7.54Y	125.7	0.00	0.28	1.11	1	8	3	94	0.00	0.0	0.498	0.062	0	0	0	3
018451	PL.45257	B	Consumer	7.54Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	0.498	0.000	0	0	0	0
018435	PL.45257	B	Consumer	7.54Y	125.7	0.00	0.28	0.29	0	2	1	89	0.00	0.0	0.498	0.000	2	1	1	1
018437	PL.45257	B	Consumer	7.54Y	125.7	0.00	0.28	0.31	0	2	1	89	0.00	0.0	0.498	0.000	2	1	1	1
018477	PL.45257	B	Consumer	7.54Y	125.7	0.00	0.28	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	0.30	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	0.30	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	0.30	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	0.30	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	0.30	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	0.30	1.00	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	0.30	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	0.30	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	0.31	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	0.31	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	0.31	0.71	0	5	2	93	0.00	0.0	0.606	0.000	5	2	1	1
PL.4489	PL.12901	B	4ACSR	7.54Y	125.7	0.00	0.31	1.54	1	11	4	94	0.00	0.0	0.656	0.050	0	0	0	3
PL.12902	PL.4489	B	4ACSR	7.54Y	125.7	0.00	0.31	1.54	1	11	4	94	0.00	0.0	0.670	0.014	0	0	0	3
PL.12903	PL.12902	B	4ACSR	7.54Y	125.7	0.00	0.31	0.58	0	4	1	97	0.00	0.0	0.714	0.044	0	0	0	1
0184105	PL.12903	B	Consumer	7.54Y	125.7	0.00	0.31	0.58	0	4	1	97	0.00	0.0	0.714	0.000	4	1	1	1
0184121	PL.12903	B	Consumer	7.54Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	0.714	0.000	0	0	0	0
PL.6132	PL.12903	B	4ACSR	7.54Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	0.888	0.174	0	0	0	0
018493	PL.12902	B	Consumer	7.54Y	125.7	0.00	0.31	0.95	0	7	2	96	0.00	0.0	0.670	0.000	7	2	1	1
0184122	PL.12902	B	Consumer	7.54Y	125.7	0.00	0.31	0.01	0	0	0	100	0.00	0.0	0.670	0.000	0	0	1	1
019492	PL.20516	B	Consumer	7.55Y	125.8	0.00	0.20	0.57	0	4	1	97	0.00	0.0	0.244	0.000	4	1	1	1
019404	PL.20516	B	Consumer	7.55Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	0.244	0.000	0	0	0	0
019437	PL.37687	B	Consumer	7.55Y	125.8	0.00	0.17	0.38	0	3	1	95	0.00	0.0	0.195	0.000	3	1	1	1
0194104	PL.37687	B	Consumer	7.55Y	125.8	0.00	0.17	0.27	0	2	1	89	0.00	0.0	0.195	0.000	2	1	1	1
019472	PL.37687	B	Consumer	7.55Y	125.8	0.00	0.17	1.51	0	11	4	94	0.00	0.0	0.195	0.000	11	4	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.10954, PL.28121, PD.1936, 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
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Title:
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, 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.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, 0714146, PL.27043, PD.508-A, PD.508-B, PL.27044, PD.3429, PL.27045, PL.7592, PL.7590, PL.7591, PL.7589, 071473.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
0714140	PL.7589	C	Consumer	7.44Y	124.0	0.00	1.99	0.17	0	1	0	100	0.00	0.0	2.074	0.000	1	0	1	1
071492	PL.7589	C	Consumer	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	2.074	0.000	0	0	0	0
071449	PL.7591	C	Consumer	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	2.037	0.000	0	0	1	1
071448	PL.7591	C	Consumer	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	2.037	0.000	0	0	0	0
071466	PL.7591	C	Consumer	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	2.037	0.000	0	0	0	0
0714131	PL.7591	C	Consumer	7.44Y	124.0	0.00	1.99	0.75	0	5	2	93	0.00	0.0	2.037	0.000	5	2	1	1
071442	PL.7591	C	Consumer	7.44Y	124.0	0.00	1.99	0.64	0	5	2	93	0.00	0.0	2.037	0.000	5	2	1	1
0714114	PL.7591	C	Consumer	7.44Y	124.0	0.00	1.99	0.08	0	1	0	100	0.00	0.0	2.037	0.000	1	0	1	1
071484	PL.7591	C	Consumer	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	2.037	0.000	0	0	0	0
0714109	PL.7590	C	Consumer	7.44Y	124.0	0.00	1.98	0.23	0	2	1	89	0.00	0.0	1.909	0.000	2	1	1	1
0714110	PL.7590	C	Consumer	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	1.909	0.000	0	0	0	0
071440	PL.7590	C	Consumer	7.44Y	124.0	0.00	1.98	0.52	0	4	1	97	0.00	0.0	1.909	0.000	4	1	1	1
0714101	PL.7592	C	Consumer	7.44Y	124.0	0.00	1.96	0.99	0	7	2	96	0.00	0.0	1.795	0.000	7	2	1	1
071414	PL.7592	C	Consumer	7.44Y	124.0	0.00	1.96	0.99	0	7	2	96	0.00	0.0	1.795	0.000	7	2	1	1
PL.12247	PL.7592	C	4ACSR	7.44Y	124.0	0.02	1.99	8.10	7	57	20	94	0.01	0.0	1.859	0.064	0	0	0	11
PL.12248	PL.12247	C	4ACSR	7.44Y	124.0	0.03	2.01	8.10	7	57	20	94	0.01	0.0	1.930	0.070	0	0	0	10
071422	PL.12248	C	Consumer	7.44Y	124.0	0.00	2.01	1.12	0	8	3	94	0.00	0.0	1.930	0.000	8	3	1	1
071426	PL.12248	C	Consumer	7.44Y	124.0	0.00	2.01	1.18	0	8	3	94	0.00	0.0	1.930	0.000	8	3	1	1
071453	PL.12248	C	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	1.930	0.000	0	0	0	0
071436	PL.12248	C	Consumer	7.44Y	124.0	0.00	2.01	1.62	0	11	4	94	0.00	0.0	1.930	0.000	11	4	1	1
071460	PL.12248	C	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	1.930	0.000	0	0	0	0
071431	PL.12248	C	Consumer	7.44Y	124.0	0.00	2.01	0.65	0	5	2	93	0.00	0.0	1.930	0.000	5	2	1	1
071493	PL.12248	C	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	1.930	0.000	0	0	0	0
PL.12249	PL.12248	C	4ACSR	7.44Y	124.0	0.01	2.03	3.53	3	25	9	94	0.00	0.0	2.019	0.089	0	0	0	6
PL.12250	PL.12249	C	4ACSR	7.44Y	124.0	0.00	2.03	0.60	1	4	1	97	0.00	0.0	2.096	0.078	0	0	0	2
071423	PL.12250	C	Consumer	7.44Y	124.0	0.00	2.03	0.21	0	1	1	71	0.00	0.0	2.096	0.000	1	1	1	1
0714121	PL.12250	C	Consumer	7.44Y	124.0	0.00	2.03	0.39	0	3	1	95	0.00	0.0	2.096	0.000	3	1	1	1
071463	PL.12249	C	Consumer	7.44Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	2.019	0.000	0	0	0	0
071427	PL.12249	C	Consumer	7.44Y	124.0	0.00	2.03	1.15	0	8	3	94	0.00	0.0	2.019	0.000	8	3	1	1
071445	PL.12249	C	Consumer	7.44Y	124.0	0.00	2.03	1.05	0	7	3	92	0.00	0.0	2.019	0.000	7	3	1	1
071425	PL.12249	C	Consumer	7.44Y	124.0	0.00	2.03	0.53	0	4	1	97	0.00	0.0	2.019	0.000	4	1	1	1
0714117	PL.12249	C	Consumer	7.44Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	2.019	0.000	0	0	0	0
071428	PL.12249	C	Consumer	7.44Y	124.0	0.00	2.03	0.19	0	1	0	100	0.00	0.0	2.019	0.000	1	0	1	1
PL.4896	PL.12247	C	4ACSR	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	1.895	0.035	0	0	0	1
071437	PL.4896	C	Consumer	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	1.895	0.000	0	0	1	1
071441	PL.27045	C	Consumer	7.44Y	124.1	0.00	1.95	0.03	0	0	0	100	0.00	0.0	1.774	0.000	0	0	1	1
PL.27046	PL.27042	C	4ACSR	7.45Y	124.1	0.00	1.91	0.33	0	2	1	89	0.00	0.0	1.710	0.005	0	0	0	1
PD.2120	PL.27046	C	fuse6AMP	7.45Y	124.1	0.00	1.91	0.33	6	2	1	89	0.00	0.0	1.710	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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. The table lists various electrical elements and their associated parameters for unbalanced voltage drop analysis.

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.12257	PL.12256	A	1/0ACSR	7.33Y	122.1	0.00	3.86	2.91	1	18	11	85	0.00	0.0	2.240	0.064	0	0	0	0
		B		7.43Y	123.8	0.00	2.19	2.87	1	18	11	85					0	0	0	0
		C		7.45Y	124.1	0.00	1.90	2.87	1	18	11	85					0	0	0	0
PL.21358	PL.12257	A	1/0ACSR	7.33Y	122.1	0.00	3.86	2.91	1	18	11	85	0.00	0.0	2.273	0.033	0	0	0	0
		B		7.43Y	123.8	0.00	2.19	2.87	1	18	11	85					0	0	0	0
		C		7.45Y	124.1	0.00	1.90	2.87	1	18	11	85					0	0	0	0
PL.21359	PL.21358	A	1/0ACSR	7.33Y	122.1	0.00	3.86	2.91	1	18	11	85	0.00	0.0	2.293	0.021	0	0	0	0
		B		7.43Y	123.8	0.00	2.19	2.87	1	18	11	85					0	0	0	0
		C		7.45Y	124.1	0.00	1.90	2.87	1	18	11	85					0	0	0	0
0714124	PL.21359	A	Consumer	7.33Y	122.1	0.00	3.86	2.91	0	18	11	85	0.00	0.0	2.293	0.000	18	11	0	0
		B		7.43Y	123.8	0.00	2.19	2.87	0	18	11	85					18	11	0	0
		C		7.45Y	124.1	0.00	1.90	2.87	0	18	11	85					18	11	0	0
072455	PL.12256	A	Consumer	7.33Y	122.1	0.00	3.86	0.00	0	0	0	100	0.00	0.0	2.176	0.000	0	0	0	0
072423	PL.12256	A	Consumer	7.33Y	122.1	0.00	3.86	0.00	0	0	0	100	0.00	0.0	2.176	0.000	0	0	1	1
0724152	PL.12256	C	Consumer	7.45Y	124.1	0.00	1.90	0.14	0	1	0	100	0.00	0.0	2.176	0.000	1	0	1	1
PL.33026	PL.12253	A	4ACSR	7.33Y	122.1	0.01	3.86	9.97	8	69	24	94	0.00	0.0	2.109	0.012	0	0	0	15
C PD.3942	PL.33026	A	fuse6AMP	7.33Y	122.1	0.00	3.86	9.97	170	69	24	94	0.00	0.0	2.109	0.000	0	0	0	15
PL.33027	PD.3942	A	4ACSR	7.33Y	122.1	0.01	3.86	9.97	8	69	24	94	0.00	0.0	2.127	0.018	0	0	0	15
072417	PL.33027	A	Consumer	7.33Y	122.1	0.00	3.86	0.65	0	5	2	93	0.00	0.0	2.127	0.000	5	2	1	1
PL.12254	PL.33027	A	4ACSR	7.33Y	122.1	0.02	3.88	9.32	8	65	22	95	0.01	0.0	2.175	0.048	0	0	0	14
PL.12255	PL.12254	A	4ACSR	7.33Y	122.1	0.02	3.90	8.80	7	61	21	95	0.01	0.0	2.220	0.045	0	0	0	12
071412	PL.12255	A	Consumer	7.33Y	122.1	0.00	3.90	0.43	0	3	1	95	0.00	0.0	2.220	0.000	3	1	1	1
PL.12258	PL.12255	A	4ACSR	7.32Y	122.1	0.03	3.93	8.37	7	58	20	95	0.01	0.0	2.295	0.075	0	0	0	11
PL.25170	PL.12258	A	4ACSR	7.32Y	122.1	0.00	3.93	0.57	0	4	1	97	0.00	0.0	2.371	0.076	0	0	0	2
071404	PL.25170	A	Consumer	7.32Y	122.1	0.00	3.93	0.49	0	3	1	95	0.00	0.0	2.371	0.000	3	1	1	1
071411	PL.25170	A	Consumer	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	2.371	0.000	0	0	0	0
PL.25171	PL.25170	A	4ACSR	7.32Y	122.1	0.00	3.93	0.08	0	1	0	100	0.00	0.0	2.411	0.040	0	0	0	1
PL.4917	PL.25171	A	4ACSR	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	2.477	0.066	0	0	0	0
PL.4918	PL.4917	A	4ACSR	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	2.538	0.062	0	0	0	0
0724118	PL.4918	A	Consumer	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	2.538	0.000	0	0	0	0
0714118	PL.25171	A	Consumer	7.32Y	122.1	0.00	3.93	0.08	0	1	0	100	0.00	0.0	2.411	0.000	1	0	1	1
PL.12259	PL.12258	A	4ACSR	7.32Y	122.0	0.02	3.95	7.80	7	54	19	94	0.01	0.0	2.356	0.061	0	0	0	9
PL.7597	PL.12259	A	4ACSR	7.32Y	122.0	0.01	3.97	7.80	7	54	19	94	0.01	0.0	2.391	0.036	0	0	0	9
PL.7598	PL.7597	A	4ACSR	7.32Y	122.0	0.02	3.98	6.83	6	47	16	95	0.01	0.0	2.449	0.058	0	0	0	8
PL.12260	PL.7598	A	4ACSR	7.32Y	122.0	0.03	4.01	5.16	4	36	12	95	0.01	0.0	2.573	0.124	0	0	0	6
PL.4888	PL.12260	A	4ACSR	7.32Y	122.0	0.00	4.02	0.77	1	5	2	93	0.00	0.0	2.704	0.130	0	0	0	1
071498	PL.4888	A	Consumer	7.32Y	122.0	0.00	4.02	0.00	0	0	0	100	0.00	0.0	2.704	0.000	0	0	0	0
0714137	PL.4888	A	Consumer	7.32Y	122.0	0.00	4.02	0.77	0	5	2	93	0.00	0.0	2.704	0.000	5	2	1	1
PL.4894	PL.12260	A	4ACSR	7.32Y	122.0	0.00	4.02	1.29	1	9	3	95	0.00	0.0	2.624	0.050	0	0	0	2
0714120	PL.4894	A	Consumer	7.32Y	122.0	0.00	4.02	0.77	0	5	2	93	0.00	0.0	2.624	0.000	5	2	1	1
0714132	PL.4894	A	Consumer	7.32Y	122.0	0.00	4.02	0.52	0	4	1	97	0.00	0.0	2.624	0.000	4	1	1	1
PL.12261	PL.12260	A	4ACSR	7.32Y	122.0	0.01	4.02	3.11	3	22	7	95	0.00	0.0	2.611	0.038	0	0	0	3

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.12720, 0714123, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	mi Length (mi)	KW					KVAR	Cons On	Cons Thru	
PD.3426	PL.15633	B	25V4E	7.40Y	123.4	0.00	2.59	11.38	46	80	28	94	0.00	0.0	2.545	0.000	0	0	0	18	
PL.15634	PD.3426	B	4ACSR	7.40Y	123.4	0.02	2.62	11.38	10	80	28	94	0.01	0.0	2.590	0.045	0	0	0	18	
PL.26063	PL.15634	B	4ACSR	7.40Y	123.3	0.04	2.65	11.29	9	79	27	95	0.02	0.0	2.662	0.072	0	0	0	17	
0724140	PL.26063	B	Consumer	7.40Y	123.3	0.00	2.65	0.95	0	7	2	96	0.00	0.0	2.662	0.000	7	2	1	1	
PL.26064	PL.26063	B	4ACSR	7.40Y	123.3	0.03	2.68	10.34	9	72	25	94	0.02	0.0	2.728	0.066	0	0	0	16	
PL.12766	PL.26064	B	4ACSR	7.39Y	123.2	0.08	2.77	10.22	9	71	25	94	0.04	0.1	2.907	0.179	0	0	0	15	
PL.34790	PL.12766	B	4ACSR	7.39Y	123.2	0.00	2.77	1.85	2	13	4	96	0.00	0.0	2.916	0.009	0	0	0	2	
PD.4964	PL.34790	B	fuse6AMP	7.39Y	123.2	0.00	2.77	1.85	32	13	4	96	0.00	0.0	2.916	0.000	0	0	0	2	
PL.34791	PD.4964	B	4ACSR	7.39Y	123.2	0.00	2.77	1.85	2	13	4	96	0.00	0.0	2.945	0.029	0	0	0	2	
PL.4800	PL.34791	B	4ACSR	7.39Y	123.2	0.01	2.78	1.85	2	13	4	96	0.00	0.0	3.021	0.077	0	0	0	2	
PL.4801	PL.4800	B	4ACSR	7.39Y	123.2	0.00	2.78	1.85	2	13	4	96	0.00	0.0	3.033	0.011	0	0	0	2	
PL.3448	PL.4801	B	4ACSR	7.39Y	123.2	0.02	2.79	1.85	2	13	4	96	0.00	0.0	3.217	0.185	0	0	0	2	
517201	PL.3448	B	Consumer	7.39Y	123.2	0.00	2.79	1.06	0	7	3	92	0.00	0.0	3.217	0.000	7	3	1	1	
PL.3455	PL.3448	B	4ACSR	7.39Y	123.2	0.00	2.80	0.79	1	6	2	95	0.00	0.0	3.252	0.035	0	0	0	1	
517202	PL.3455	B	Consumer	7.39Y	123.2	0.00	2.80	0.79	0	6	2	95	0.00	0.0	3.252	0.000	6	2	1	1	
PL.34788	PL.12766	B	4ACSR	7.39Y	123.2	0.00	2.77	0.74	1	5	2	93	0.00	0.0	2.916	0.009	0	0	0	1	
PD.4963	PL.34788	B	fuse6AMP	7.39Y	123.2	0.00	2.77	0.74	13	5	2	93	0.00	0.0	2.916	0.000	0	0	0	1	
PL.34789	PD.4963	B	4ACSR	7.39Y	123.2	0.00	2.77	0.74	1	5	2	93	0.00	0.0	2.957	0.041	0	0	0	1	
072517	PL.34789	B	Consumer	7.39Y	123.2	0.00	2.77	0.74	0	5	2	93	0.00	0.0	2.957	0.000	5	2	1	1	
PL.12767	PL.12766	B	4ACSR	7.39Y	123.2	0.01	2.78	7.62	6	53	19	94	0.01	0.0	2.949	0.042	0	0	0	12	
PL.34792	PL.12767	B	4ACSR	7.39Y	123.2	0.00	2.78	3.85	3	27	9	95	0.00	0.0	2.958	0.009	0	0	0	2	
PD.4965	PL.34792	B	fuse6AMP	7.39Y	123.2	0.00	2.78	3.85	66	27	9	95	0.00	0.0	2.958	0.000	0	0	0	2	
PL.34793	PD.4965	B	4ACSR	7.39Y	123.2	0.01	2.79	3.85	3	27	9	95	0.00	0.0	2.994	0.036	0	0	0	2	
072523	PL.34793	B	Consumer	7.39Y	123.2	0.00	2.79	1.52	0	11	4	94	0.00	0.0	2.994	0.000	11	4	1	1	
072514	PL.34793	B	Consumer	7.39Y	123.2	0.00	2.79	2.33	0	16	6	94	0.00	0.0	2.994	0.000	16	6	1	1	
PL.12768	PL.12767	B	4ACSR	7.39Y	123.2	0.02	2.80	3.77	3	26	9	94	0.00	0.0	3.081	0.132	0	0	0	10	
072513	PL.12768	B	Consumer	7.39Y	123.2	0.00	2.80	0.02	0	0	0	100	0.00	0.0	3.081	0.000	0	0	1	1	
072502	PL.12768	B	Consumer	7.39Y	123.2	0.00	2.80	0.47	0	3	1	95	0.00	0.0	3.081	0.000	3	1	1	1	
PL.12769	PL.12768	B	4ACSR	7.39Y	123.2	0.01	2.81	1.26	1	9	3	95	0.00	0.0	3.195	0.114	0	0	0	4	
PL.15637	PL.12769	B	4ACSR	7.39Y	123.2	0.00	2.81	0.54	0	4	1	97	0.00	0.0	3.200	0.006	0	0	0	2	
PL.15638	PL.15637	B	4ACSR	7.39Y	123.2	0.01	2.82	0.54	0	4	1	97	0.00	0.0	3.592	0.392	0	0	0	2	
PL.8204	PL.15638	B	4ACSR	7.39Y	123.2	0.00	2.83	0.54	0	4	1	97	0.00	0.0	3.755	0.163	0	0	0	2	
PL.8205	PL.8204	B	4ACSR	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	3.827	0.072	0	0	0	1	
073522	PL.8205	B	Consumer	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	3.827	0.000	0	0	1	1	
073430	PL.8204	B	Consumer	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	3.755	0.000	0	0	0	0	
073407	PL.8204	B	Consumer	7.39Y	123.2	0.00	2.83	0.54	0	4	1	97	0.00	0.0	3.755	0.000	4	1	1	1	
PL.15639	PL.12769	B	4ACSR	7.39Y	123.2	0.00	2.81	0.72	1	5	2	93	0.00	0.0	3.200	0.005	0	0	0	2	
PD.2126	PL.15639	B	fuse6AMP	7.39Y	123.2	0.00	2.81	0.72	12	5	2	93	0.00	0.0	3.200	0.000	0	0	0	2	

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.34785	PD.4961	B	4ACSR	7.40Y	123.4	0.00	2.62	1.19	1	8	3	94	0.00	0.0	2.805	0.073	0	0	0	2	
PL.4796	PL.34785	B	4ACSR	7.40Y	123.4	0.00	2.62	0.06	0	0	0	100	0.00	0.0	2.844	0.039	0	0	0	1	
PL.4794	PL.4796	B	4ACSR	7.40Y	123.4	0.00	2.62	0.06	0	0	0	100	0.00	0.0	2.903	0.059	0	0	0	1	
PL.4795	PL.4794	B	4ACSR	7.40Y	123.4	0.00	2.62	0.06	0	0	0	100	0.00	0.0	3.002	0.099	0	0	0	1	
PL.4791	PL.4795	B	4ACSR	7.40Y	123.4	0.00	2.62	0.06	0	0	0	100	0.00	0.0	3.041	0.039	0	0	0	1	
PL.4790	PL.4791	B	4ACSR	7.40Y	123.4	0.00	2.62	0.06	0	0	0	100	0.00	0.0	3.087	0.047	0	0	0	1	
072450	PL.4790	B	Consumer	7.40Y	123.4	0.00	2.62	0.06	0	0	0	100	0.00	0.0	3.087	0.000	0	0	1	1	
0724141	PL.34785	B	Consumer	7.40Y	123.4	0.00	2.62	1.13	0	8	3	94	0.00	0.0	2.805	0.000	8	3	1	1	
072456	PL.20078	B	Consumer	7.41Y	123.4	0.00	2.56	0.83	0	6	2	95	0.00	0.0	2.493	0.000	6	2	1	1	
072464	PL.20078	B	Consumer	7.41Y	123.4	0.00	2.56	0.31	0	2	1	89	0.00	0.0	2.493	0.000	2	1	1	1	
072409	PL.26066	B	Consumer	7.41Y	123.5	0.00	2.48	0.39	0	3	1	95	0.00	0.0	2.395	0.000	3	1	1	1	
072418	PL.26066	B	Consumer	7.41Y	123.5	0.00	2.48	0.68	0	5	2	93	0.00	0.0	2.395	0.000	5	2	1	1	
PL.15631	PL.26233	B	4ACSR	7.41Y	123.6	0.00	2.42	1.35	1	9	3	95	0.00	0.0	2.336	0.006	0	0	0	1	
PD.2130	PL.15631	B	fuse6AMP	7.41Y	123.6	0.00	2.42	1.35	23	9	3	95	0.00	0.0	2.336	0.000	0	0	0	1	
PL.15632	PD.2130	B	4ACSR	7.41Y	123.6	0.01	2.43	1.35	1	9	3	95	0.00	0.0	2.431	0.095	0	0	0	1	
072419	PL.15632	B	Consumer	7.41Y	123.6	0.00	2.43	1.35	0	9	3	95	0.00	0.0	2.431	0.000	9	3	1	1	
PL.15627	PL.15621	B	4ACSR	7.42Y	123.7	0.00	2.31	2.06	2	14	5	94	0.00	0.0	2.220	0.005	0	0	0	2	
PD.2128	PL.15627	B	fuse6AMP	7.42Y	123.7	0.00	2.31	2.06	35	14	5	94	0.00	0.0	2.220	0.000	0	0	0	2	
PL.15628	PD.2128	B	4ACSR	7.42Y	123.7	0.01	2.32	2.06	2	14	5	94	0.00	0.0	2.306	0.086	0	0	0	2	
072438	PL.15628	B	Consumer	7.42Y	123.7	0.00	2.32	0.40	0	3	1	95	0.00	0.0	2.306	0.000	3	1	1	1	
PL.4924	PL.15628	B	4ACSR	7.42Y	123.7	0.00	2.32	1.66	1	12	4	95	0.00	0.0	2.344	0.038	0	0	0	1	
0724137	PL.4924	B	Consumer	7.42Y	123.7	0.00	2.32	1.66	0	12	4	95	0.00	0.0	2.344	0.000	12	4	1	1	
0724169	PL.4924	B	Consumer	7.42Y	123.7	0.00	2.32	0.00	0	0	0	100	0.00	0.0	2.344	0.000	0	0	0	0	
071443	PL.12252	B	Consumer	7.43Y	123.9	0.00	2.14	0.70	0	5	2	93	0.00	0.0	2.028	0.000	5	2	1	1	
0714103	PL.12251	B	Consumer	7.43Y	123.9	0.00	2.10	1.25	0	8	4	89	0.00	0.0	1.968	0.000	8	4	1	1	
PL.27048	PL.12251	C	4ACSR	7.45Y	124.1	0.00	1.91	5.31	4	37	13	94	0.00	0.0	1.973	0.005	0	0	0	9	
C PD.2121	PL.27048	C	fuse6AMP	7.45Y	124.1	0.00	1.91	5.31	91	37	13	94	0.00	0.0	1.973	0.000	0	0	0	9 C	
PL.27049	PD.2121	C	4ACSR	7.44Y	124.1	0.01	1.92	5.31	4	37	13	94	0.00	0.0	2.016	0.042	0	0	0	9	
PL.4892	PL.27049	C	4ACSR	7.44Y	124.1	0.01	1.93	5.31	4	37	13	94	0.00	0.0	2.045	0.029	0	0	0	9	
071497	PL.4892	C	Consumer	7.44Y	124.1	0.00	1.93	0.30	0	2	1	89	0.00	0.0	2.045	0.000	2	1	1	1	
071454	PL.4892	C	Consumer	7.44Y	124.1	0.00	1.93	0.62	0	4	2	89	0.00	0.0	2.045	0.000	4	2	1	1	
0714133	PL.4892	C	Consumer	7.44Y	124.1	0.00	1.93	0.12	0	1	0	100	0.00	0.0	2.045	0.000	1	0	1	1	
071481	PL.4892	C	Consumer	7.44Y	124.1	0.00	1.93	0.85	0	6	2	95	0.00	0.0	2.045	0.000	6	2	1	1	
071489	PL.4892	C	Consumer	7.44Y	124.1	0.00	1.93	0.04	0	0	0	100	0.00	0.0	2.045	0.000	0	0	1	1	
PL.4890	PL.4892	C	4ACSR	7.44Y	124.1	0.00	1.93	3.38	3	24	8	95	0.00	0.0	2.073	0.028	0	0	0	4	
PL.4891	PL.4890	C	4ACSR	7.44Y	124.1	0.00	1.93	2.71	2	19	7	94	0.00	0.0	2.096	0.023	0	0	0	3	
071488	PL.4891	C	Consumer	7.44Y	124.1	0.00	1.93	1.03	0	7	3	92	0.00	0.0	2.096	0.000	7	3	1	1	
071451	PL.4891	C	Consumer	7.44Y	124.1	0.00	1.93	0.68	0	5	2	93	0.00	0.0	2.096	0.000	5	2	1	1	

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Element 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.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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= 3.49 Tap= 5.6

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-						% PF	kW Loss	% Loss	mi From Src	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	Length (mi)					KW	KVAR	Cons On	Cons Thru
PL.14888	PL.31884	A	4ACSR	7.53Y	125.5	0.01	0.53	45.22	38	321	114	94	0.03	0.0	2.210	0.005	0	0	0	82
C PD.3267	PL.14888	A	fuse8AMP	7.53Y	125.5	0.00	0.53	45.22	618	321	114	94	0.00	0.0	2.210	0.000	0	0	0	82 C
PL.14889	PD.3267	A	1/0ACSR	7.52Y	125.4	0.11	0.63	45.22	22	321	114	94	0.21	0.1	2.306	0.095	0	0	0	82
PL.14890	PL.14889	A	4ACSR	7.52Y	125.4	0.01	0.64	44.18	37	313	111	94	0.03	0.0	2.312	0.006	0	0	0	81
PD.499-A	PL.14890	A	Closed	7.52Y	125.4	0.00	0.64	44.18	0	313	111	94	0.00	0.0	2.312	0.000	0	0	0	81
PD.499-B	PD.499-A	A	Closed	7.52Y	125.4	0.00	0.64	44.18	0	313	111	94	0.00	0.0	2.312	0.000	0	0	0	81
PL.14891	PD.499-B	A	1/0ACSR	7.51Y	125.2	0.15	0.80	44.18	22	313	111	94	0.30	0.1	2.451	0.139	0	0	0	81
PL.12622	PL.14891	A	1/0ACSR	7.51Y	125.1	0.05	0.85	44.18	22	313	110	94	0.11	0.0	2.501	0.050	0	0	0	81
PL.8132	PL.12622	A	1/0ACSR	7.50Y	125.1	0.09	0.94	43.82	22	310	109	94	0.18	0.1	2.586	0.086	0	0	0	80
C PD.2933	PL.8132	A	fuse6AMP	7.50Y	125.1	0.00	0.94	43.82	748	310	109	94	0.00	0.0	2.586	0.000	0	0	0	80 C
PL.15104	PD.2933	A	4ACSR	7.50Y	125.1	0.00	0.95	6.96	6	49	17	94	0.00	0.0	2.592	0.006	0	0	0	13
PD.3638	PL.15104	A	25V4E	7.50Y	125.1	0.00	0.95	6.96	28	49	17	94	0.00	0.0	2.592	0.000	0	0	0	13
PL.14887	PD.3638	A	4ACSR	7.50Y	125.0	0.01	0.96	6.96	6	49	17	94	0.00	0.0	2.630	0.038	0	0	0	13
PL.12623	PL.14887	A	4ACSR	7.50Y	125.0	0.02	0.97	6.96	6	49	17	94	0.01	0.0	2.679	0.050	0	0	0	13
PL.34675	PL.12623	A	4ACSR	7.50Y	125.0	0.00	0.97	0.13	0	1	0	100	0.00	0.0	2.691	0.012	0	0	0	1
PD.4918	PL.34675	A	fuse6AMP	7.50Y	125.0	0.00	0.97	0.13	2	1	0	100	0.00	0.0	2.691	0.000	0	0	0	1
PL.34676	PD.4918	A	4ACSR	7.50Y	125.0	0.00	0.97	0.13	0	1	0	100	0.00	0.0	2.719	0.028	0	0	0	1
071342	PL.34676	A	Consumer	7.50Y	125.0	0.00	0.97	0.13	0	1	0	100	0.00	0.0	2.719	0.000	1	0	1	1
071331	PL.12623	A	Consumer	7.50Y	125.0	0.00	0.97	0.37	0	3	1	95	0.00	0.0	2.679	0.000	3	1	1	1
071310	PL.12623	A	Consumer	7.50Y	125.0	0.00	0.97	0.24	0	2	1	89	0.00	0.0	2.679	0.000	2	1	1	1
071338	PL.12623	A	Consumer	7.50Y	125.0	0.00	0.97	0.76	0	5	2	93	0.00	0.0	2.679	0.000	5	2	1	1
PL.12624	PL.12623	A	4ACSR	7.50Y	125.0	0.01	0.99	5.46	5	39	13	95	0.00	0.0	2.737	0.058	0	0	0	9
PL.12625	PL.12624	A	4ACSR	7.50Y	125.0	0.01	1.00	4.99	4	35	12	95	0.00	0.0	2.791	0.054	0	0	0	8
PL.34677	PL.12625	A	4ACSR	7.50Y	125.0	0.00	1.00	1.26	1	9	3	95	0.00	0.0	2.804	0.013	0	0	0	1
PD.4919	PL.34677	A	fuse6AMP	7.50Y	125.0	0.00	1.00	1.26	22	9	3	95	0.00	0.0	2.804	0.000	0	0	0	1
PL.34678	PD.4919	A	4ACSR	7.50Y	125.0	0.00	1.00	1.26	1	9	3	95	0.00	0.0	2.870	0.066	0	0	0	1
PL.24271	PL.34678	A	4ACSR	7.50Y	125.0	0.00	1.01	1.26	1	9	3	95	0.00	0.0	2.953	0.083	0	0	0	1
071311	PL.24271	A	Consumer	7.50Y	125.0	0.00	1.01	1.26	0	9	3	95	0.00	0.0	2.953	0.000	9	3	1	1
PL.12626	PL.12625	A	4ACSR	7.50Y	125.0	0.01	1.01	3.48	3	25	9	94	0.00	0.0	2.861	0.070	0	0	0	6
071326	PL.12626	A	Consumer	7.50Y	125.0	0.00	1.01	0.44	0	3	1	95	0.00	0.0	2.861	0.000	3	1	1	1
PL.8141	PL.12626	A	4ACSR	7.50Y	125.0	0.01	1.02	3.04	3	22	7	95	0.00	0.0	2.937	0.075	0	0	0	5
PL.39019	PL.8141	A	4ACSR	7.50Y	125.0	0.00	1.02	1.07	1	8	3	94	0.00	0.0	3.006	0.070	0	0	0	2
PL.39020	PL.39019	A	4ACSR	7.50Y	125.0	0.00	1.03	1.07	1	8	3	94	0.00	0.0	3.041	0.035	0	0	0	1
071346	PL.39020	A	Consumer	7.50Y	125.0	0.00	1.03	1.07	0	8	3	94	0.00	0.0	3.041	0.000	8	3	1	1
0713050	PL.39019	A	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	3.006	0.000	0	0	1	1
071318	PL.8141	A	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	2.937	0.000	0	0	0	0
PL.14892	PL.8141	A	4ACSR	7.50Y	125.0	0.00	1.02	1.97	2	14	5	94	0.00	0.0	2.942	0.006	0	0	0	3
PD.3275-A	PL.14892	A	Closed	7.50Y	125.0	0.00	1.02	1.97	0	14	5	94	0.00	0.0	2.942	0.000	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: 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. The table lists various electrical elements and their characteristics across multiple rows.

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	Length (mi)	KW					KVAR	Cons On	Cons Thru	
PD.3271	PL.27090	A	fuse6AMP	7.47Y	124.5	0.00	1.53	0.67	12	5	2	93	0.00	0.0	4.386	0.000	0	0	0	2	
PL.27091	PD.3271	A	4ACSR	7.47Y	124.5	0.00	1.54	0.67	1	5	2	93	0.00	0.0	4.409	0.023	0	0	0	2	
071212	PL.27091	A	Consumer	7.47Y	124.5	0.00	1.54	0.67	0	5	2	93	0.00	0.0	4.409	0.000	5	2	1	1	
PL.11751	PL.27091	A	4ACSR	7.47Y	124.5	0.00	1.54	0.01	0	0	0	100	0.00	0.0	4.506	0.097	0	0	0	1	
PL.8131	PL.11751	A	4ACSR	7.47Y	124.5	0.00	1.54	0.01	0	0	0	100	0.00	0.0	4.506	0.000	0	0	0	1	
071216	PL.8131	A	Consumer	7.47Y	124.5	0.00	1.54	0.01	0	0	0	100	0.00	0.0	4.506	0.000	0	0	1	1	
PL.27088	PL.11750	A	1/0ACSR	7.47Y	124.5	0.00	1.54	0.44	0	3	1	95	0.00	0.0	4.449	0.069	0	0	0	1	
PD.504-A	PL.27088	A	Closed	7.47Y	124.5	0.00	1.54	0.44	0	3	1	95	0.00	0.0	4.449	0.000	0	0	0	1	
PD.504-B	PD.504-A	A	Closed	7.47Y	124.5	0.00	1.54	0.44	0	3	1	95	0.00	0.0	4.449	0.000	0	0	0	1	
PL.27089	PD.504-B	A	1/0ACSR	7.47Y	124.5	0.00	1.54	0.44	0	3	1	95	0.00	0.0	4.455	0.005	0	0	0	1	
PL.30812	PL.27089	A	4ACSR	7.47Y	124.5	0.00	1.54	0.00	0	0	0	100	0.00	0.0	4.472	0.017	0	0	0	0	
PD.502-A	PL.30812	A	Open	7.47Y	124.5	0.00	1.54	0.00	0	0	0	100	0.00	0.0	4.472	0.000	0	0	0	0	
PL.27086	PL.27089	A	1/0ACSR	7.47Y	124.5	0.00	1.54	0.00	0	0	0	100	0.00	0.0	4.460	0.005	0	0	0	0	
PD.505-A	PL.27086	A	Open	7.47Y	124.5	0.00	1.54	0.00	0	0	0	100	0.00	0.0	4.460	0.000	0	0	0	0	
071204	PL.27089	A	Consumer	7.47Y	124.5	0.00	1.54	0.44	0	3	1	95	0.00	0.0	4.455	0.000	3	1	1	1	
PL.27092	PL.11749	A	4ACSR	7.47Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	4.246	0.006	0	0	0	0	
PD.2417	PL.27092	A	fuse6AMP	7.47Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	4.246	0.000	0	0	0	0	
PL.27093	PD.2417	A	4ACSR	7.47Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	4.286	0.040	0	0	0	0	
071232	PL.27093	A	Consumer	7.47Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	4.286	0.000	0	0	0	0	
PL.15956	PL.38911	A	4ACSR	7.47Y	124.5	0.00	1.52	1.46	1	10	4	93	0.00	0.0	3.890	0.006	0	0	0	2	
PD.3272	PL.15956	A	fuse6AMP	7.47Y	124.5	0.00	1.52	1.46	25	10	4	93	0.00	0.0	3.890	0.000	0	0	0	2	
PL.15483	PD.3272	A	4ACSR	7.47Y	124.5	0.00	1.53	1.46	1	10	4	93	0.00	0.0	3.962	0.072	0	0	0	2	
071205	PL.15483	A	Consumer	7.47Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	3.962	0.000	0	0	1	1	
PL.11747	PL.15483	A	4ACSR	7.47Y	124.5	0.00	1.53	1.46	1	10	4	93	0.00	0.0	3.969	0.008	0	0	0	1	
PL.4765	PL.11747	A	4ACSR	7.47Y	124.5	0.00	1.53	1.46	1	10	4	93	0.00	0.0	4.027	0.058	0	0	0	1	
071229	PL.4765	A	Consumer	7.47Y	124.5	0.00	1.53	1.46	0	10	4	93	0.00	0.0	4.027	0.000	10	4	1	1	
PL.15484	PL.11745	A	4ACSR	7.47Y	124.5	0.00	1.50	12.40	10	87	31	94	0.00	0.0	3.541	0.006	0	0	0	22	
PD.3420	PL.15484	A	25V4E	7.47Y	124.5	0.00	1.50	12.40	50	87	31	94	0.00	0.0	3.541	0.000	0	0	0	22	
PL.15485	PD.3420	A	4ACSR	7.47Y	124.4	0.07	1.58	12.40	10	87	31	94	0.05	0.1	3.673	0.131	0	0	0	22	
071302	PL.15485	A	Consumer	7.47Y	124.4	0.00	1.58	0.11	0	1	0	100	0.00	0.0	3.673	0.000	1	0	1	1	
PL.8154	PL.15485	A	4ACSR	7.46Y	124.4	0.07	1.65	12.29	10	86	31	94	0.05	0.1	3.803	0.130	0	0	0	21	
PL.8155	PL.8154	A	4ACSR	7.46Y	124.3	0.04	1.69	12.29	10	86	31	94	0.03	0.0	3.878	0.075	0	0	0	20	
071228	PL.8155	A	Consumer	7.46Y	124.3	0.00	1.69	1.02	0	7	3	92	0.00	0.0	3.878	0.000	7	3	1	1	
PL.8156	PL.8155	A	4ACSR	7.46Y	124.3	0.06	1.75	11.27	9	79	28	94	0.03	0.0	3.986	0.107	0	0	0	19	
PL.8157	PL.8156	A	4ACSR	7.45Y	124.1	0.12	1.86	11.27	9	79	28	94	0.07	0.1	4.210	0.224	0	0	0	19	
PL.11292	PL.8157	A	4ACSR	7.45Y	124.1	0.02	1.88	10.97	9	77	27	94	0.01	0.0	4.247	0.037	0	0	0	18	
PL.11293	PL.11292	A	4ACSR	7.44Y	124.0	0.10	1.98	9.63	8	68	24	94	0.05	0.1	4.464	0.217	0	0	0	17	
PL.34772	PL.11293	A	4ACSR	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	4.475	0.011	0	0	0	1	

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss		Length (mi)	KW	KVAR	Cons On	Cons Thru
PD.4957	PL.34772	A	fuse6AMP	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	4.475	0.000	0	0	0	1
PL.34773	PD.4957	A	4ACSR	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	4.547	0.072	0	0	0	1
0722017	PL.34773	A	Consumer	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	4.547	0.000	0	0	1	1
PL.11294	PL.11293	A	4ACSR	7.44Y	123.9	0.10	2.08	9.63	8	68	24	94	0.05	0.1	4.696	0.231	0	0	0	16
PL.34774	PL.11294	A	4ACSR	7.44Y	123.9	0.00	2.08	0.23	0	2	1	89	0.00	0.0	4.707	0.011	0	0	0	1
PD.4958	PL.34774	A	fuse6AMP	7.44Y	123.9	0.00	2.08	0.23	4	2	1	89	0.00	0.0	4.707	0.000	0	0	0	1
PL.34775	PD.4958	A	4ACSR	7.44Y	123.9	0.00	2.08	0.23	0	2	1	89	0.00	0.0	4.838	0.131	0	0	0	1
072214	PL.34775	A	Consumer	7.44Y	123.9	0.00	2.08	0.23	0	2	1	89	0.00	0.0	4.838	0.000	2	1	1	1
072206	PL.11294	A	Consumer	7.44Y	123.9	0.00	2.08	0.21	0	1	1	71	0.00	0.0	4.696	0.000	1	1	1	1
072207	PL.11294	A	Consumer	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	4.696	0.000	0	0	0	0
PL.8153	PL.11294	A	4ACSR	7.43Y	123.9	0.07	2.15	9.20	8	64	23	94	0.03	0.1	4.858	0.162	0	0	0	14
PL.12118	PL.8153	A	4ACSR	7.43Y	123.8	0.04	2.19	8.45	7	59	21	94	0.02	0.0	4.970	0.112	0	0	0	13
0722016	PL.12118	A	Consumer	7.43Y	123.8	0.00	2.19	0.55	0	4	2	89	0.00	0.0	4.970	0.000	4	2	1	1
PL.12119	PL.12118	A	4ACSR	7.43Y	123.8	0.05	2.24	7.51	6	53	18	95	0.02	0.0	5.121	0.151	0	0	0	11
PL.34776	PL.12119	A	4ACSR	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	5.129	0.008	0	0	0	0
PD.4959	PL.34776	A	fuse6AMP	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	5.129	0.000	0	0	0	0
PL.34777	PD.4959	A	4ACSR	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	5.184	0.055	0	0	0	0
072201	PL.34777	A	Consumer	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	5.184	0.000	0	0	0	0
PL.4769	PL.12119	A	4ACSR	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	5.198	0.077	0	0	0	0
0722018	PL.4769	A	Consumer	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	5.198	0.000	0	0	0	0
PL.12120	PL.12119	A	4ACSR	7.42Y	123.7	0.03	2.27	7.51	6	53	18	95	0.01	0.0	5.197	0.076	0	0	0	11
PL.43	PL.12120	A	4ACSR	7.42Y	123.7	0.01	2.28	7.51	6	53	18	95	0.01	0.0	5.239	0.042	0	0	0	11
PL.34782	PL.43	A	4ACSR	7.42Y	123.7	0.00	2.28	1.66	1	12	4	95	0.00	0.0	5.246	0.007	0	0	0	2
PL.34783	PL.34782	A	4ACSR	7.42Y	123.7	0.00	2.28	1.66	1	12	4	95	0.00	0.0	5.275	0.028	0	0	0	2
PL.44646	PL.34783	A	4ACSR	7.42Y	123.7	0.00	2.28	1.66	1	12	4	95	0.00	0.0	5.284	0.010	0	0	0	2
PL.44650	PL.44646	A	4ACSR	7.42Y	123.7	0.00	2.28	1.66	1	12	4	95	0.00	0.0	5.299	0.015	0	0	0	2
PD.620	PL.44650	A	fuse8AMP	7.42Y	123.7	0.00	2.28	1.66	23	12	4	95	0.00	0.0	5.299	0.000	0	0	0	2
PL.44651	PD.620	A	4ACSR	7.42Y	123.7	0.01	2.30	1.66	1	12	4	95	0.00	0.0	5.441	0.142	0	0	0	2
PL.518	PL.44651	A	4ACSR	7.42Y	123.7	0.01	2.30	1.66	1	12	4	95	0.00	0.0	5.510	0.069	0	0	0	2
122905	PL.518	A	Consumer	7.42Y	123.7	0.00	2.30	1.36	0	10	3	96	0.00	0.0	5.510	0.000	10	3	1	1
122916	PL.518	A	Consumer	7.42Y	123.7	0.00	2.30	0.30	0	2	1	89	0.00	0.0	5.510	0.000	2	1	1	1
PL.12121	PL.44651	A	4ACSR	7.42Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	5.560	0.119	0	0	0	0
PL.516	PL.12121	A	4ACSR	7.42Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	5.686	0.126	0	0	0	0
122911	PL.516	A	Consumer	7.42Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	5.686	0.000	0	0	0	0
PL.34780	PL.43	A	4ACSR	7.42Y	123.7	0.00	2.28	1.19	1	8	3	94	0.00	0.0	5.255	0.016	0	0	0	1
PD.4960	PL.34780	A	fuse6AMP	7.42Y	123.7	0.00	2.28	1.19	20	8	3	94	0.00	0.0	5.255	0.000	0	0	0	1
PL.34781	PD.4960	A	4ACSR	7.42Y	123.7	0.00	2.28	1.19	1	8	3	94	0.00	0.0	5.263	0.008	0	0	0	1
PL.27411	PL.34781	A	4ACSR	7.42Y	123.7	0.00	2.29	1.19	1	8	3	94	0.00	0.0	5.352	0.088	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 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.3639	PL.15486	A	50V4E	7.48Y	124.7	0.00	1.31	16.72	33	118	41	94	0.00	0.0	3.031	0.000	0	0	0	31
PL.15487	PD.3639	A	4ACSR	7.47Y	124.6	0.11	1.42	16.72	14	118	41	94	0.10	0.1	3.174	0.143	0	0	0	31
PL.34669	PL.15487	A	4ACSR	7.47Y	124.5	0.08	1.50	13.05	11	92	32	94	0.06	0.1	3.314	0.140	0	0	0	28
PL.34670	PL.34669	A	4ACSR	7.46Y	124.4	0.08	1.58	12.19	10	86	30	94	0.05	0.1	3.458	0.145	0	0	0	27
PL.34673	PL.34670	A	4ACSR	7.46Y	124.4	0.00	1.58	0.15	0	1	0	100	0.00	0.0	3.465	0.007	0	0	0	1
PD.4917	PL.34673	A	fuse6AMP	7.46Y	124.4	0.00	1.58	0.15	3	1	0	100	0.00	0.0	3.465	0.000	0	0	0	1
PL.34674	PD.4917	A	4ACSR	7.46Y	124.4	0.00	1.58	0.15	0	1	0	100	0.00	0.0	3.552	0.087	0	0	0	1
PL.8139	PL.34674	A	4ACSR	7.46Y	124.4	0.00	1.58	0.15	0	1	0	100	0.00	0.0	3.589	0.037	0	0	0	1
PL.8140	PL.8139	A	4ACSR	7.46Y	124.4	0.00	1.59	0.15	0	1	0	100	0.00	0.0	3.728	0.139	0	0	0	1
070303	PL.8140	A	Consumer	7.46Y	124.4	0.00	1.59	0.15	0	1	0	100	0.00	0.0	3.728	0.000	1	0	1	1
071332	PL.8139	A	Consumer	7.46Y	124.4	0.00	1.58	0.00	0	0	0	100	0.00	0.0	3.589	0.000	0	0	0	0
PL.11741	PL.34670	A	4ACSR	7.46Y	124.3	0.12	1.70	12.04	10	85	30	94	0.08	0.1	3.675	0.217	0	0	0	26
PL.24264	PL.11741	A	4ACSR	7.46Y	124.3	0.01	1.71	2.06	2	15	5	95	0.00	0.0	3.760	0.085	0	0	0	4
070310	PL.24264	A	Consumer	7.46Y	124.3	0.00	1.71	0.06	0	0	0	100	0.00	0.0	3.760	0.000	0	0	1	1
070307	PL.24264	A	Consumer	7.46Y	124.3	0.00	1.71	0.39	0	3	1	95	0.00	0.0	3.760	0.000	3	1	1	1
070306	PL.24264	A	Consumer	7.46Y	124.3	0.00	1.71	0.96	0	7	2	96	0.00	0.0	3.760	0.000	7	2	1	1
070304	PL.24264	A	Consumer	7.46Y	124.3	0.00	1.71	0.65	0	5	2	93	0.00	0.0	3.760	0.000	5	2	1	1
070309	PL.11741	A	Consumer	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	3.675	0.000	0	0	1	1
PL.11739	PL.11741	A	4ACSR	7.46Y	124.3	0.05	1.75	9.98	8	70	24	95	0.02	0.0	3.774	0.099	0	0	0	21
PL.34679	PL.11739	A	4ACSR	7.46Y	124.3	0.00	1.75	1.09	1	8	3	94	0.00	0.0	3.778	0.004	0	0	0	2
PD.4920	PL.34679	A	fuse6AMP	7.46Y	124.3	0.00	1.75	1.09	19	8	3	94	0.00	0.0	3.778	0.000	0	0	0	2
PL.34680	PD.4920	A	4ACSR	7.45Y	124.2	0.00	1.75	1.09	1	8	3	94	0.00	0.0	3.864	0.086	0	0	0	2
070316	PL.34680	A	Consumer	7.45Y	124.2	0.00	1.75	0.19	0	1	0	100	0.00	0.0	3.864	0.000	1	0	1	1
070305	PL.34680	A	Consumer	7.45Y	124.2	0.00	1.75	0.90	0	6	2	95	0.00	0.0	3.864	0.000	6	2	1	1
PL.11740	PL.11739	A	4ACSR	7.45Y	124.2	0.08	1.83	8.89	7	63	22	94	0.04	0.1	3.983	0.209	0	0	0	19
PL.34681	PL.11740	A	4ACSR	7.45Y	124.2	0.00	1.83	0.44	0	3	1	95	0.00	0.0	3.987	0.005	0	0	0	2
PD.4921	PL.34681	A	fuse6AMP	7.45Y	124.2	0.00	1.83	0.44	7	3	1	95	0.00	0.0	3.987	0.000	0	0	0	2
PL.34682	PD.4921	A	4ACSR	7.45Y	124.2	0.00	1.83	0.44	0	3	1	95	0.00	0.0	4.056	0.069	0	0	0	2
PL.8143	PL.34682	A	4ACSR	7.45Y	124.2	0.00	1.83	0.44	0	3	1	95	0.00	0.0	4.074	0.018	0	0	0	2
PL.8144	PL.8143	A	4ACSR	7.45Y	124.2	0.00	1.84	0.44	0	3	1	95	0.00	0.0	4.139	0.064	0	0	0	1
070308	PL.8144	A	Consumer	7.45Y	124.2	0.00	1.84	0.44	0	3	1	95	0.00	0.0	4.139	0.000	3	1	1	1
070314	PL.8143	A	Consumer	7.45Y	124.2	0.00	1.83	0.00	0	0	0	100	0.00	0.0	4.074	0.000	0	0	1	1
PL.15490	PL.11740	A	4ACSR	7.45Y	124.2	0.00	1.83	8.45	7	59	21	94	0.00	0.0	3.988	0.006	0	0	0	17
PD.500-A	PL.15490	A	Closed	7.45Y	124.2	0.00	1.83	8.45	0	59	21	94	0.00	0.0	3.988	0.000	0	0	0	17
PD.500-B	PD.500-A	A	Closed	7.45Y	124.2	0.00	1.83	8.45	0	59	21	94	0.00	0.0	3.988	0.000	0	0	0	17
PL.14894	PD.500-B	A	4ACSR	7.45Y	124.1	0.04	1.88	8.45	7	59	21	94	0.02	0.0	4.096	0.108	0	0	0	17
PL.34646	PL.14894	A	4ACSR	7.45Y	124.1	0.00	1.88	1.87	2	13	5	93	0.00	0.0	4.114	0.018	0	0	0	2
PD.4904	PL.34646	A	fuse6AMP	7.45Y	124.1	0.00	1.88	1.87	32	13	5	93	0.00	0.0	4.114	0.000	0	0	0	2

Unbalanced Voltage Drop Report
Source: CLAY CITY

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-							% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR									Cons On	Cons Thru	
							Drop	Cap	Cap	Cap	Cap	Cap	Cap						Cap	Cap		
PL.34647	PD.4904	A	4ACSR	7.45Y	124.1	0.01	1.89	1.87	2	13	5	93	0.00	0.0	4.239	0.126	0	0	0	2		
070313	PL.34647	A	Consumer	7.45Y	124.1	0.00	1.89	1.26	0	9	3	95	0.00	0.0	4.239	0.000	9	3	1	1		
PL.4768	PL.34647	A	4ACSR	7.45Y	124.1	0.00	1.89	0.62	1	4	2	89	0.00	0.0	4.301	0.062	0	0	0	1		
070324	PL.4768	A	Consumer	7.45Y	124.1	0.00	1.89	0.62	0	4	2	89	0.00	0.0	4.301	0.000	4	2	1	1		
070311	PL.14894	A	Consumer	7.45Y	124.1	0.00	1.88	1.20	0	8	3	94	0.00	0.0	4.096	0.000	8	3	1	1		
070315	PL.14894	A	Consumer	7.45Y	124.1	0.00	1.88	0.65	0	5	2	93	0.00	0.0	4.096	0.000	5	2	1	1		
PL.11738	PL.14894	A	4ACSR	7.45Y	124.1	0.02	1.90	4.73	4	33	12	94	0.01	0.0	4.198	0.102	0	0	0	13		
070319	PL.11738	A	Consumer	7.45Y	124.1	0.00	1.90	0.31	0	2	1	89	0.00	0.0	4.198	0.000	2	1	1	1		
070323	PL.11738	A	Consumer	7.45Y	124.1	0.00	1.90	0.01	0	0	0	100	0.00	0.0	4.198	0.000	0	0	1	1		
070312	PL.11738	A	Consumer	7.45Y	124.1	0.00	1.90	0.51	0	4	1	97	0.00	0.0	4.198	0.000	4	1	1	1		
070317	PL.11738	A	Consumer	7.45Y	124.1	0.00	1.90	0.60	0	4	1	97	0.00	0.0	4.198	0.000	4	1	1	1		
070318	PL.11738	A	Consumer	7.45Y	124.1	0.00	1.90	0.44	0	3	1	95	0.00	0.0	4.198	0.000	3	1	1	1		
PL.11737	PL.11738	A	4ACSR	7.45Y	124.1	0.01	1.91	2.37	2	17	6	94	0.00	0.0	4.266	0.068	0	0	0	7		
PL.5761	PL.11737	A	4ACSR	7.45Y	124.1	0.00	1.91	2.37	2	17	6	94	0.00	0.0	4.295	0.029	0	0	0	7		
PL.11736	PL.5761	A	4ACSR	7.45Y	124.1	0.00	1.91	0.68	1	5	2	93	0.00	0.0	4.313	0.017	0	0	0	3		
PL.17148	PL.11736	A	4ACSR	7.45Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	4.325	0.012	0	0	0	0		
PD.146-B	PL.17148	A	Open	7.45Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	4.325	0.000	0	0	0	0		
0193108	PL.11736	A	Consumer	7.45Y	124.1	0.00	1.91	0.08	0	1	0	100	0.00	0.0	4.313	0.000	1	0	1	1		
019369	PL.11736	A	Consumer	7.45Y	124.1	0.00	1.91	0.46	0	3	1	95	0.00	0.0	4.313	0.000	3	1	1	1		
019389	PL.11736	A	Consumer	7.45Y	124.1	0.00	1.91	0.14	0	1	0	100	0.00	0.0	4.313	0.000	1	0	1	1		
019365	PL.5761	A	Consumer	7.45Y	124.1	0.00	1.91	0.01	0	0	0	100	0.00	0.0	4.295	0.000	0	0	1	1		
019378	PL.5761	A	Consumer	7.45Y	124.1	0.00	1.91	0.33	0	2	1	89	0.00	0.0	4.295	0.000	2	1	1	1		
019381	PL.5761	A	Consumer	7.45Y	124.1	0.00	1.91	0.38	0	3	1	95	0.00	0.0	4.295	0.000	3	1	1	1		
019380	PL.5761	A	Consumer	7.45Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	4.295	0.000	0	0	0	0		
019382	PL.5761	A	Consumer	7.45Y	124.1	0.00	1.91	0.97	0	7	2	96	0.00	0.0	4.295	0.000	7	2	1	1		
PL.34644	PL.11738	A	4ACSR	7.45Y	124.1	0.00	1.90	0.49	0	3	1	95	0.00	0.0	4.207	0.009	0	0	0	1		
PD.4903	PL.34644	A	fuse6AMP	7.45Y	124.1	0.00	1.90	0.49	8	3	1	95	0.00	0.0	4.207	0.000	0	0	0	1		
PL.34645	PD.4903	A	4ACSR	7.45Y	124.1	0.00	1.90	0.49	0	3	1	95	0.00	0.0	4.280	0.073	0	0	0	1		
070321	PL.34645	A	Consumer	7.45Y	124.1	0.00	1.90	0.49	0	3	1	95	0.00	0.0	4.280	0.000	3	1	1	1		
PL.34671	PL.34669	A	2ACSR	7.47Y	124.5	0.00	1.50	0.86	1	6	2	95	0.00	0.0	3.318	0.005	0	0	0	1		
PD.4916	PL.34671	A	fuse6AMP	7.47Y	124.5	0.00	1.50	0.86	15	6	2	95	0.00	0.0	3.318	0.000	0	0	0	1		
PL.34672	PD.4916	A	2ACSR	7.47Y	124.5	0.00	1.51	0.86	1	6	2	95	0.00	0.0	3.371	0.053	0	0	0	1		
071348	PL.34672	A	Consumer	7.47Y	124.5	0.00	1.51	0.86	0	6	2	95	0.00	0.0	3.371	0.000	6	2	1	1		
PL.34666	PL.15487	A	4ACSR	7.47Y	124.6	0.00	1.42	1.67	1	12	4	95	0.00	0.0	3.187	0.013	0	0	0	2		
PD.4915	PL.34666	A	fuse6AMP	7.47Y	124.6	0.00	1.42	1.67	29	12	4	95	0.00	0.0	3.187	0.000	0	0	0	2		
PL.34667	PD.4915	A	4ACSR	7.47Y	124.6	0.01	1.43	1.67	1	12	4	95	0.00	0.0	3.262	0.075	0	0	0	2		
PL.4766	PL.34667	A	4ACSR	7.47Y	124.6	0.01	1.43	1.25	1	9	3	95	0.00	0.0	3.367	0.105	0	0	0	1		
071340	PL.4766	A	Consumer	7.47Y	124.6	0.00	1.43	1.25	0	9	3	95	0.00	0.0	3.367	0.000	9	3	1	1		

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 CWP.WM\
Title:
Case:

		Units Displayed In Volts											mi		-----Element-----					
		-Base Voltage:120.0-											From	Length			Cons	Cons		
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	Src	(mi)	KW	KVAR	On	Thru
PD.2127	PL.15491	A	fuse6AMP	7.55Y	125.9	0.00	0.11	0.70	12	5	2	93	0.00	0.0	1.920	0.000	0	0	0	1
PL.15492	PD.2127	A	4ACSR	7.55Y	125.9	0.00	0.11	0.70	1	5	2	93	0.00	0.0	1.939	0.018	0	0	0	1
PL.24227	PL.15492	A	4ACSR	7.55Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	1.943	0.004	0	0	0	0
628101	PL.15492	A	Consumer	7.55Y	125.9	0.00	0.11	0.70	0	5	2	93	0.00	0.0	1.939	0.000	5	2	1	1
628106	PL.12612	A	Consumer	7.31Y	121.8	0.00	4.20	0.55	0	4	1	97	0.00	0.0	1.800	0.000	4	1	1	1
628104	PL.12612	A	Consumer	7.31Y	121.8	0.00	4.20	0.00	0	0	0	100	0.00	0.0	1.800	0.000	0	0	0	0
PL.38906	PL.12612	A	4ACSR	7.31Y	121.8	0.00	4.20	7.86	7	54	19	94	0.00	0.0	1.801	0.001	0	0	0	11
C PD.6763	PL.38906	A	fuse6AMP	7.31Y	121.8	0.00	4.20	7.86	134	54	19	94	0.00	0.0	1.801	0.000	0	0	0	11 C
PL.38907	PD.6763	A	4ACSR	7.31Y	121.8	0.00	4.21	7.86	7	54	19	94	0.00	0.0	1.802	0.002	0	0	0	11
PL.38905	PL.38907	A	4ACSR	7.31Y	121.8	0.02	4.23	6.55	6	45	16	94	0.01	0.0	1.878	0.075	0	0	0	8
PL.12613	PL.38905	A	4ACSR	7.31Y	121.8	0.00	4.23	6.55	6	45	16	94	0.00	0.0	1.883	0.005	0	0	0	8
628102	PL.12613	A	Consumer	7.31Y	121.8	0.00	4.23	0.11	0	1	0	100	0.00	0.0	1.883	0.000	1	0	1	1
627104	PL.12613	A	Consumer	7.31Y	121.8	0.00	4.23	0.00	0	0	0	100	0.00	0.0	1.883	0.000	0	0	0	0
628105	PL.12613	A	Consumer	7.31Y	121.8	0.00	4.23	0.59	0	4	1	97	0.00	0.0	1.883	0.000	4	1	1	1
PL.12614	PL.12613	A	4ACSR	7.31Y	121.8	0.01	4.24	5.86	5	40	14	94	0.00	0.0	1.927	0.044	0	0	0	6
627103	PL.12614	A	Consumer	7.31Y	121.8	0.00	4.24	0.91	0	6	2	95	0.00	0.0	1.927	0.000	6	2	1	1
627102	PL.12614	A	Consumer	7.31Y	121.8	0.00	4.24	0.61	0	4	1	97	0.00	0.0	1.927	0.000	4	1	1	1
PL.7452	PL.12614	A	4ACSR	7.30Y	121.7	0.01	4.25	4.34	4	30	10	95	0.00	0.0	1.973	0.046	0	0	0	4
PL.12615	PL.7452	A	4ACSR	7.30Y	121.7	0.01	4.26	4.34	4	30	10	95	0.00	0.0	2.024	0.051	0	0	0	4
PL.3857	PL.12615	A	4ACSR	7.30Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	2.077	0.052	0	0	0	0
PL.4923	PL.3857	A	4ACSR	7.30Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	2.098	0.022	0	0	0	0
PL.12616	PL.12615	A	4ACSR	7.30Y	121.7	0.01	4.27	4.34	4	30	10	95	0.00	0.0	2.072	0.047	0	0	0	4
PL.12617	PL.12616	A	4ACSR	7.30Y	121.7	0.00	4.27	4.34	4	30	10	95	0.00	0.0	2.080	0.008	0	0	0	4
PL.12618	PL.12617	A	4ACSR	7.30Y	121.7	0.01	4.28	3.27	3	23	8	94	0.00	0.0	2.140	0.061	0	0	0	3
PL.24303	PL.12618	A	4ACSR	7.30Y	121.7	0.00	4.28	3.27	3	23	8	94	0.00	0.0	2.167	0.027	0	0	0	3
PL.24332	PL.24303	A	4ACSR	7.30Y	121.7	0.01	4.29	3.27	3	23	8	94	0.00	0.0	2.237	0.069	0	0	0	3
PL.3855	PL.24332	A	4ACSR	7.30Y	121.7	0.00	4.29	2.20	2	15	5	95	0.00	0.0	2.240	0.003	0	0	0	2
PL.4916	PL.3855	A	4ACSR	7.30Y	121.7	0.00	4.30	2.20	2	15	5	95	0.00	0.0	2.252	0.013	0	0	0	2
PL.4335	PL.4916	A	4ACSR	7.30Y	121.7	0.00	4.30	1.20	1	8	3	94	0.00	0.0	2.313	0.061	0	0	0	1
070402	PL.4335	A	Consumer	7.30Y	121.7	0.00	4.30	1.20	0	8	3	94	0.00	0.0	2.313	0.000	8	3	1	1
070401	PL.4916	A	Consumer	7.30Y	121.7	0.00	4.30	1.00	0	7	2	96	0.00	0.0	2.252	0.000	7	2	1	1
624101	PL.24332	A	Consumer	7.30Y	121.7	0.00	4.29	1.08	0	7	3	92	0.00	0.0	2.237	0.000	7	3	1	1
625102	PL.12617	A	Consumer	7.30Y	121.7	0.00	4.27	1.07	0	7	3	92	0.00	0.0	2.080	0.000	7	3	1	1
PL.38903	PL.38907	A	4ACSR	7.31Y	121.8	0.00	4.21	1.30	1	9	3	95	0.00	0.0	1.852	0.049	0	0	0	3
6282010	PL.38903	A	Consumer	7.31Y	121.8	0.00	4.21	0.23	0	2	1	89	0.00	0.0	1.852	0.000	2	1	1	1
628204	PL.38903	A	Consumer	7.31Y	121.8	0.00	4.21	0.58	0	4	1	97	0.00	0.0	1.852	0.000	4	1	1	1
628203	PL.38903	A	Consumer	7.31Y	121.8	0.00	4.21	0.49	0	3	1	95	0.00	0.0	1.852	0.000	3	1	1	1
6282011	PL.12610	A	Consumer	7.32Y	122.0	0.00	4.05	0.04	0	0	0	100	0.00	0.0	1.705	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.38899	PL.12610	A	4ACSR	7.32Y	122.0	0.00	4.05	2.26	2	16	5	95	0.00	0.0	1.705	0.001	0	0	0	4
PD.2918	PL.38899	A	fuse6AMP	7.32Y	122.0	0.00	4.05	2.26	39	16	5	95	0.00	0.0	1.705	0.000	0	0	0	4
PL.38900	PD.2918	A	4ACSR	7.32Y	121.9	0.00	4.05	2.26	2	16	5	95	0.00	0.0	1.732	0.027	0	0	0	4
628209	PL.38900	A	Consumer	7.32Y	121.9	0.00	4.05	0.32	0	2	1	89	0.00	0.0	1.732	0.000	2	1	1	1
628207	PL.38900	A	Consumer	7.32Y	121.9	0.00	4.05	0.65	0	4	2	89	0.00	0.0	1.732	0.000	4	2	1	1
628202	PL.38900	A	Consumer	7.32Y	121.9	0.00	4.05	0.31	0	2	1	89	0.00	0.0	1.732	0.000	2	1	1	1
PL.24302	PL.38900	A	4ACSR	7.32Y	121.9	0.00	4.05	0.98	1	7	2	96	0.00	0.0	1.778	0.046	0	0	0	1
PL.24230	PL.24302	A	4ACSR	7.32Y	121.9	0.00	4.06	0.98	1	7	2	96	0.00	0.0	1.802	0.024	0	0	0	1
628302	PL.24230	A	Consumer	7.32Y	121.9	0.00	4.06	0.98	0	7	2	96	0.00	0.0	1.802	0.000	7	2	1	1
629301	PL.7451	A	Consumer	7.33Y	122.2	0.00	3.81	1.10	0	8	3	94	0.00	0.0	1.578	0.000	8	3	1	1
629305	PL.7451	A	Consumer	7.33Y	122.2	0.00	3.81	0.80	0	6	2	95	0.00	0.0	1.578	0.000	6	2	1	1
629304	PL.7451	A	Consumer	7.33Y	122.2	0.00	3.81	1.36	0	9	3	95	0.00	0.0	1.578	0.000	9	3	1	1
629406	PL.7744	B	Consumer	7.45Y	124.2	0.00	1.76	0.85	0	6	2	95	0.00	0.0	1.452	0.000	6	2	1	1
628406	PL.7744	B	Consumer	7.45Y	124.2	0.00	1.76	0.36	0	2	1	89	0.00	0.0	1.452	0.000	2	1	1	1
629403	PL.7744	B	Consumer	7.45Y	124.2	0.00	1.76	0.59	0	4	1	97	0.00	0.0	1.452	0.000	4	1	1	1
629401	PL.7744	B	Consumer	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	1.452	0.000	0	0	0	0
629402	PL.7744	B	Consumer	7.45Y	124.2	0.00	1.76	0.34	0	2	1	89	0.00	0.0	1.452	0.000	2	1	1	1
628405	PL.7744	A	Consumer	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	1.452	0.000	0	0	0	0
628403	PL.7744	B	Consumer	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	1.452	0.000	0	0	1	1
PL.45424	PL.12608	A	2ACSR	7.35Y	122.5	0.00	3.52	0.00	0	0	0	100	0.00	0.0	1.443	0.057	0	0	0	0
6274020	PL.45424	A	Consumer	7.35Y	122.5	0.00	3.52	0.00	0	0	0	100	0.00	0.0	1.443	0.000	0	0	0	0
627414	PL.12608	B	Consumer	7.45Y	124.2	0.00	1.78	1.05	0	7	3	92	0.00	0.0	1.386	0.000	7	3	1	1
628402	PL.12609	B C	Consumer	7.45Y 7.45Y	124.2 124.2	0.00 0.00	1.79 1.83	0.68 0.68	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	7.45Y 7.45Y	124.2 124.2	0.00 0.00	1.79 1.83	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
627412	PL.12609	B C	Consumer	7.45Y 7.45Y	124.2 124.2	0.00 0.00	1.79 1.83	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	7.45Y	124.2	0.00	1.79	1.02	0	7	3	92	0.00	0.0	1.353	0.000	7	3	1	1
628401	PL.12609	B C	Consumer	7.45Y 7.45Y	124.2 124.2	0.00 0.00	1.79 1.83	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	7.45Y 7.45Y	124.2 124.2	0.00 0.00	1.79 1.83	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	7.45Y 7.45Y	124.2 124.2	0.00 0.00	1.79 1.83	0.40 0.40	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
627405	PL.12609	B C	Consumer	7.45Y 7.45Y	124.2 124.2	0.00 0.00	1.79 1.83	0.26 0.26	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
PL.15501	PL.24226	A B C	6ACWC	7.36Y 7.45Y 7.45Y	122.6 124.2 124.2	0.00 0.00 -0.00	3.39 1.81 1.82	0.00 7.44 0.00	0 6 0	0 51 0	0 22 0	100 92 100	0.00 0.00 0.00	0.0 0.0 0.0	1.290	0.005	0 0 0	0 0 0	0 0 0	0 11 0
C PD.2931	PL.15501	A B C	fuse8AMP	7.36Y 7.45Y 7.45Y	122.6 124.2 124.2	0.00 0.00 0.00	3.39 1.81 1.82	0.00 7.44 0.00	0 102 0	0 51 0	0 22 0	100 92 100	0.00 0.00 0.00	0.0 0.0 0.0	1.290	0.000	0 0 0	0 0 0	0 0 0	0 11 0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.15502, 626302, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 power lines and consumers like OH34, PL.26225, PL.15966, 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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.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, 629801, 629809, 629807, 629810, 629813, PL.15957, PD.2359-A, PD.2359-B, PL.15958, C PD.3574, PL.15959, PL.7746, PL.7450, PL.34689, PL.34690, PL.44664.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 contains 35 rows of data representing different electrical elements and their characteristics.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	-----Element-----		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	Length (mi)	KW		KVAR	Cons On	Cons Thru
071513	PL.4783	B	Consumer	7.35Y	122.6	0.00	3.42	0.74	0	5	2	93	0.00	0.0	2.216	0.000	5	2	1	1
071515	PL.4783	B	Consumer	7.35Y	122.6	0.00	3.42	0.50	0	4	1	97	0.00	0.0	2.216	0.000	4	1	1	1
071520	PL.34696	B	Consumer	7.36Y	122.6	0.00	3.41	1.33	0	9	3	95	0.00	0.0	2.129	0.000	9	3	1	1
PL.34693	PL.39739	B	4ACSR	7.36Y	122.6	0.00	3.39	0.45	0	3	1	95	0.00	0.0	2.077	0.002	0	0	0	1
PD.4925	PL.34693	B	fuse6AMP	7.36Y	122.6	0.00	3.39	0.45	8	3	1	95	0.00	0.0	2.077	0.000	0	0	0	1
PL.34694	PD.4925	B	4ACSR	7.36Y	122.6	0.00	3.39	0.45	0	3	1	95	0.00	0.0	2.092	0.015	0	0	0	1
071516	PL.34694	B	Consumer	7.36Y	122.6	0.00	3.39	0.45	0	3	1	95	0.00	0.0	2.092	0.000	3	1	1	1
071523	PL.34694	B	Consumer	7.36Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	2.092	0.000	0	0	0	0
0714142	PL.12634	B	Consumer	7.36Y	122.7	0.00	3.34	0.55	0	4	1	97	0.00	0.0	2.001	0.000	4	1	1	1
071462	PL.12634	B	Consumer	7.36Y	122.7	0.00	3.34	0.51	0	4	1	97	0.00	0.0	2.001	0.000	4	1	1	1
071480	PL.12634	B	Consumer	7.36Y	122.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	2.001	0.000	0	0	1	1
PL.27760	PL.12634	B	4ACSR	7.36Y	122.7	0.00	3.34	5.70	5	40	14	94	0.00	0.0	2.012	0.012	0	0	0	6
PL.34686	PL.27760	B	4ACSR	7.36Y	122.7	0.00	3.34	5.70	5	40	14	94	0.00	0.0	2.019	0.007	0	0	0	6
C PD.4923	PL.34686	B	fuse6AMP	7.36Y	122.7	0.00	3.34	5.70	97	40	14	94	0.00	0.0	2.019	0.000	0	0	0	6 C
PL.34687	PD.4923	B	4ACSR	7.36Y	122.7	0.01	3.35	5.70	5	40	14	94	0.00	0.0	2.041	0.021	0	0	0	6
071491	PL.34687	B	Consumer	7.36Y	122.7	0.00	3.35	1.02	0	7	2	96	0.00	0.0	2.041	0.000	7	2	1	1
0714104	PL.34687	B	Consumer	7.36Y	122.7	0.00	3.35	1.84	0	13	4	96	0.00	0.0	2.041	0.000	13	4	1	1
PL.25177	PL.34687	B	4ACSR	7.36Y	122.6	0.01	3.35	2.84	2	20	7	94	0.00	0.0	2.090	0.049	0	0	0	4
PL.7594	PL.25177	B	4ACSR	7.36Y	122.6	0.00	3.36	2.02	2	14	5	94	0.00	0.0	2.107	0.018	0	0	0	3
0714126	PL.7594	B	Consumer	7.36Y	122.6	0.00	3.36	0.72	0	5	2	93	0.00	0.0	2.107	0.000	5	2	1	1
PL.7595	PL.7594	B	4ACSR	7.36Y	122.6	0.00	3.36	1.30	1	9	3	95	0.00	0.0	2.191	0.083	0	0	0	2
0714105	PL.7595	B	Consumer	7.36Y	122.6	0.00	3.36	1.30	0	9	3	95	0.00	0.0	2.191	0.000	7	2	1	2
071477	0714105	B	Consumer	7.36Y	122.6	0.00	3.36	0.30	0	2	1	89	0.00	0.0	2.191	0.000	2	1	1	1
0714115	PL.25177	B	Consumer	7.36Y	122.6	0.00	3.35	0.82	0	6	2	95	0.00	0.0	2.090	0.000	6	2	1	1
071455	PL.12631	B	Consumer	7.37Y	122.8	0.00	3.23	1.36	0	9	3	95	0.00	0.0	1.897	0.000	9	3	1	1
0714119	PL.12631	B	Consumer	7.37Y	122.8	0.00	3.23	1.32	0	9	3	95	0.00	0.0	1.897	0.000	9	3	1	1
0714145	PL.12631	B	Consumer	7.37Y	122.8	0.00	3.23	0.30	0	2	1	89	0.00	0.0	1.897	0.000	2	1	1	1
PL.34691	PL.34689	B	4ACSR	7.37Y	122.8	0.00	3.15	0.00	0	0	0	100	0.00	0.0	1.844	0.003	0	0	0	0
PD.4924	PL.34691	B	fuse6AMP	7.37Y	122.8	0.00	3.15	0.00	0	0	0	100	0.00	0.0	1.844	0.000	0	0	0	0
PL.34692	PD.4924	B	4ACSR	7.37Y	122.8	0.00	3.15	0.00	0	0	0	100	0.00	0.0	1.913	0.069	0	0	0	0
629811	PL.7746	B	Consumer	7.37Y	122.9	0.00	3.11	0.56	0	4	1	97	0.00	0.0	1.809	0.000	4	1	1	1
629806	PL.15959	B	Consumer	7.37Y	122.9	0.00	3.08	0.38	0	3	1	95	0.00	0.0	1.793	0.000	3	1	1	1
629812	PL.15959	B	Consumer	7.37Y	122.9	0.00	3.08	0.44	0	3	1	95	0.00	0.0	1.793	0.000	3	1	1	1
PL.12606	PL.7745	A	6ACWC	7.32Y	122.0	-0.00	3.97	0.00	0	0	0	100	0.00	0.0	1.800	0.067	0	0	0	0
		B		7.38Y	123.0	0.00	3.00	0.00	0	0	0	100			0	0	0	0	0	0
		C		7.42Y	123.7	0.00	2.31	1.27	1	9	3	94			0	0	0	0	0	2
629701	PL.12606	C	Consumer	7.42Y	123.7	0.00	2.31	1.25	0	9	3	95	0.00	0.0	1.800	0.000	9	3	1	1
629704	PL.12606	C	Consumer	7.42Y	123.7	0.00	2.31	0.02	0	0	0	100	0.00	0.0	1.800	0.000	0	0	1	1
629702	PL.12606	C	Consumer	7.42Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	1.800	0.000	0	0	0	0

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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), % 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\EXISTING JUL05 CWP.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.24327, PL.40757, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.20752, 628016, 628022, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
PL.7367	PL.20197	A	4/0ACSR	7.28Y	121.3	0.09	4.74	116.62	41	793	304	93	0.62	0.0	2.005	0.062	0	0	0	163		
		B		7.39Y	123.2	0.01	2.82	52.95	19	361	152	92					0	0	0	79		
		C		7.39Y	123.1	0.07	2.92	75.05	26	515	206	93					0	0	0	96		
PL.15806	PL.7367	A	4ACSR	7.28Y	121.3	0.01	4.75	33.61	28	230	84	94	0.02	0.0	2.010	0.006	0	0	0	62		
PD.177-A	PL.15806	A	Closed	7.28Y	121.3	0.00	4.75	33.61	0	230	84	94	0.00	0.0	2.010	0.000	0	0	0	62		
PD.177-B	PD.177-A	A	Closed	7.28Y	121.3	0.00	4.75	33.61	0	230	84	94	0.00	0.0	2.010	0.000	0	0	0	62		
PL.15807	PD.177-B	A	4ACSR	7.27Y	121.2	0.01	4.75	33.61	28	230	84	94	0.02	0.0	2.016	0.006	0	0	0	62		
C PD.3712	PL.15807	A	35V4E	7.27Y	121.2	0.00	4.75	33.61	96	230	84	94	0.00	0.0	2.016	0.000	0	0	0	62 C		
PL.15808	PD.3712	A	4ACSR	7.27Y	121.2	0.03	4.79	33.61	28	230	84	94	0.06	0.0	2.039	0.023	0	0	0	62		
507210	PL.15808	A	Consumer	7.27Y	121.2	0.00	4.79	0.44	0	3	1	95	0.00	0.0	2.039	0.000	3	1	1	1		
507206	PL.15808	A	Consumer	7.27Y	121.2	0.00	4.79	1.25	0	9	3	95	0.00	0.0	2.039	0.000	9	3	1	1		
PL.38238	PL.15808	A	4ACSR	7.27Y	121.2	0.00	4.79	14.58	12	100	35	94	0.00	0.0	2.042	0.003	0	0	0	23		
C PD.6666	PL.38238	A	fuse6AMP	7.27Y	121.2	0.00	4.79	14.58	249	100	35	94	0.00	0.0	2.042	0.000	0	0	0	23 C		
PL.38246	PD.6666	A	4ACSR	7.27Y	121.2	0.00	4.79	14.58	12	100	35	94	0.00	0.0	2.047	0.005	0	0	0	23		
PL.38247	PL.38246	A	4ACSR	7.27Y	121.2	0.03	4.83	8.90	7	61	21	95	0.02	0.0	2.129	0.082	0	0	0	13		
PL.7361	PL.38247	A	4ACSR	7.27Y	121.2	0.01	4.83	6.08	5	42	14	95	0.00	0.0	2.149	0.020	0	0	0	9		
508208	PL.7361	A	Consumer	7.27Y	121.2	0.00	4.83	0.75	0	5	2	93	0.00	0.0	2.149	0.000	5	2	1	1		
508210	PL.7361	A	Consumer	7.27Y	121.2	0.00	4.83	0.37	0	3	1	95	0.00	0.0	2.149	0.000	3	1	1	1		
508215	PL.7361	A	Consumer	7.27Y	121.2	0.00	4.83	1.85	0	13	4	96	0.00	0.0	2.149	0.000	13	4	1	1		
508205	PL.7361	A	Consumer	7.27Y	121.2	0.00	4.83	0.84	0	6	2	95	0.00	0.0	2.149	0.000	6	2	1	1		
PL.7362	PL.7361	A	4ACSR	7.27Y	121.2	0.01	4.84	2.27	2	16	5	95	0.00	0.0	2.219	0.070	0	0	0	5		
508206	PL.7362	A	Consumer	7.27Y	121.2	0.00	4.84	0.86	0	6	2	95	0.00	0.0	2.219	0.000	6	2	1	1		
508209	PL.7362	A	Consumer	7.27Y	121.2	0.00	4.84	0.65	0	4	2	89	0.00	0.0	2.219	0.000	4	2	1	1		
508211	PL.7362	A	Consumer	7.27Y	121.2	0.00	4.84	0.42	0	3	1	95	0.00	0.0	2.219	0.000	3	1	1	1		
509204	PL.7362	A	Consumer	7.27Y	121.2	0.00	4.84	0.11	0	1	0	100	0.00	0.0	2.219	0.000	1	0	1	1		
509203	PL.7362	A	Consumer	7.27Y	121.2	0.00	4.84	0.23	0	2	1	89	0.00	0.0	2.219	0.000	2	1	1	1		
507214	PL.38247	A	Consumer	7.27Y	121.2	0.00	4.83	0.49	0	3	1	95	0.00	0.0	2.129	0.000	3	1	1	1		
507212	PL.38247	A	Consumer	7.27Y	121.2	0.00	4.83	0.78	0	5	2	93	0.00	0.0	2.129	0.000	5	2	1	1		
507222	PL.38247	A	Consumer	7.27Y	121.2	0.00	4.83	0.21	0	1	0	100	0.00	0.0	2.129	0.000	1	0	1	1		
507213	PL.38247	A	Consumer	7.27Y	121.2	0.00	4.83	1.34	0	9	3	95	0.00	0.0	2.129	0.000	9	3	1	1		
PL.38245	PL.38246	A	4ACSR	7.27Y	121.2	0.01	4.80	5.68	5	39	14	94	0.00	0.0	2.080	0.034	0	0	0	10		
PL.7365	PL.38245	A	4ACSR	7.27Y	121.2	0.01	4.81	4.35	4	30	10	95	0.00	0.0	2.107	0.026	0	0	0	6		
508207	PL.7365	A	Consumer	7.27Y	121.2	0.00	4.81	0.75	0	5	2	93	0.00	0.0	2.107	0.000	5	2	1	1		
508217	PL.7365	A	Consumer	7.27Y	121.2	0.00	4.81	0.57	0	4	1	97	0.00	0.0	2.107	0.000	4	1	1	1		
508204	PL.7365	A	Consumer	7.27Y	121.2	0.00	4.81	0.55	0	4	1	97	0.00	0.0	2.107	0.000	4	1	1	1		
508201	PL.7365	A	Consumer	7.27Y	121.2	0.00	4.81	1.27	0	9	3	95	0.00	0.0	2.107	0.000	9	3	1	1		
PL.7366	PL.7365	A	4ACSR	7.27Y	121.2	0.00	4.81	1.20	1	8	3	94	0.00	0.0	2.146	0.039	0	0	0	2		
509202	PL.7366	A	Consumer	7.27Y	121.2	0.00	4.81	0.73	0	5	2	93	0.00	0.0	2.146	0.000	5	2	1	1		
509205	PL.7366	A	Consumer	7.27Y	121.2	0.00	4.81	0.00	0	0	0	100	0.00	0.0	2.146	0.000	0	0	0	0		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 509206, 509201, 508203, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-					KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru %	Thru KW	Cap	KW							KVAR	KVAR		
509325	PL.7368	A	Consumer	7.27Y	121.1	0.00	4.89	0.26	0	2	1	89	0.00	0.0	2.199	0.000	2	1	1	1	
509324	PL.7368	A	Consumer	7.27Y	121.1	0.00	4.89	0.24	0	2	1	89	0.00	0.0	2.199	0.000	2	1	1	1	
509323	PL.7368	A	Consumer	7.27Y	121.1	0.00	4.89	0.24	0	2	1	89	0.00	0.0	2.199	0.000	2	1	1	1	
509319	PL.7368	A	Consumer	7.27Y	121.1	0.00	4.89	0.30	0	2	1	89	0.00	0.0	2.199	0.000	2	1	1	1	
509317	PL.7368	A	Consumer	7.27Y	121.1	0.00	4.89	0.49	0	3	1	95	0.00	0.0	2.199	0.000	3	1	1	1	
509328	PL.7368	A	Consumer	7.27Y	121.1	0.00	4.89	0.46	0	3	1	95	0.00	0.0	2.199	0.000	3	1	1	1	
509327	PL.7368	A	Consumer	7.27Y	121.1	0.00	4.89	0.43	0	3	1	95	0.00	0.0	2.199	0.000	3	1	1	1	
509329	PL.7368	A	Consumer	7.27Y	121.1	0.00	4.89	0.18	0	1	0	100	0.00	0.0	2.199	0.000	1	0	1	1	
509326	PL.7368	A	Consumer	7.27Y	121.1	0.00	4.89	0.39	0	3	1	95	0.00	0.0	2.199	0.000	3	1	1	1	
PL.38255	PL.12712	A	4ACSR	7.27Y	121.1	0.00	4.87	0.90	1	6	2	95	0.00	0.0	2.149	0.003	0	0	0	1	
PD.6670	PL.38255	A	fuse6AMP	7.27Y	121.1	0.00	4.87	0.90	15	6	2	95	0.00	0.0	2.149	0.000	0	0	0	1	
PL.38256	PD.6670	A	4ACSR	7.27Y	121.1	0.00	4.87	0.90	1	6	2	95	0.00	0.0	2.259	0.110	0	0	0	1	
509207	PL.38256	A	Consumer	7.27Y	121.1	0.00	4.87	0.90	0	6	2	95	0.00	0.0	2.259	0.000	6	2	1	1	
PL.38253	PL.12711	A	4ACSR	7.27Y	121.1	0.00	4.86	2.99	3	20	9	91	0.00	0.0	2.129	0.003	0	0	0	1	
PD.6669	PL.38253	A	fuse6AMP	7.27Y	121.1	0.00	4.86	2.99	51	20	9	91	0.00	0.0	2.129	0.000	0	0	0	1	
PL.38254	PD.6669	A	4ACSR	7.27Y	121.1	0.00	4.86	2.99	3	20	9	91	0.00	0.0	2.160	0.032	0	0	0	1	
509333	PL.38254	A	Consumer	7.27Y	121.1	0.00	4.86	2.99	0	20	9	91	0.00	0.0	2.160	0.000	20	9	1	1	
PL.38249	PL.15808	A	4ACSR	7.27Y	121.2	0.00	4.79	0.38	0	3	1	95	0.00	0.0	2.044	0.005	0	0	0	1	
PD.6667	PL.38249	A	fuse6AMP	7.27Y	121.2	0.00	4.79	0.38	6	3	1	95	0.00	0.0	2.044	0.000	0	0	0	1	
PL.38250	PD.6667	A	4ACSR	7.27Y	121.2	0.00	4.79	0.38	0	3	1	95	0.00	0.0	2.085	0.042	0	0	0	1	
508302	PL.38250	A	Consumer	7.27Y	121.2	0.00	4.79	0.38	0	3	1	95	0.00	0.0	2.085	0.000	3	1	1	1	
508304	PL.38250	A	Consumer	7.27Y	121.2	0.00	4.79	0.00	0	0	0	100	0.00	0.0	2.085	0.000	0	0	0	0	
508303	PL.38250	A	Consumer	7.27Y	121.2	0.00	4.79	0.00	0	0	0	100	0.00	0.0	2.085	0.000	0	0	0	0	
PL.7364	PL.7367	A B C	4/0ACSR	7.27Y 7.39Y 7.38Y	121.2 123.2 123.1	0.02 0.00 0.01	4.76 2.83 2.93	54.02 30.17 30.26	19 11 11	371 210 210	130 75 75	94 94 94	0.06 0.00 0.00	0.0	2.031	0.026	0 0 0	0 0 0	0 0 0	75 61 57	
507323	PL.7364	B	Consumer	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	2.031	0.000	0	0	0	0	
PL.19254	PL.7364	A B C	4/0ACSR	7.27Y 7.39Y 7.38Y	121.2 123.2 123.1	0.01 0.00 0.01	4.77 2.83 2.93	54.02 30.17 30.26	19 11 11	371 210 210	130 75 75	94 94 94	0.03 0.00 0.00	0.0	2.047	0.016	0 0 0	0 0 0	0 0 0	75 61 57	
PL.19253	PL.19254	A B C	4/0ACSR	7.27Y 7.39Y 7.38Y	121.2 123.2 123.1	0.02 0.00 0.01	4.78 2.83 2.94	54.02 30.17 26.29	19 11 9	371 210 183	130 75 66	94 94 94	0.04 0.00 0.00	0.0	2.067	0.020	0 0 0	0 0 0	0 0 0	75 61 50	
507321	PL.19253	B	Consumer	7.39Y	123.2	0.00	2.83	0.15	0	1	0	100	0.00	0.0	2.067	0.000	1	0	1	1	
507303	PL.19253	B	Consumer	7.39Y	123.2	0.00	2.83	0.79	0	6	2	95	0.00	0.0	2.067	0.000	6	2	1	1	
507314	PL.19253	B	Consumer	7.39Y	123.2	0.00	2.83	1.17	0	8	3	94	0.00	0.0	2.067	0.000	8	3	1	1	
507319	PL.19253	B	Consumer	7.39Y	123.2	0.00	2.83	0.56	0	4	1	97	0.00	0.0	2.067	0.000	4	1	1	1	
507324	PL.19253	B	Consumer	7.39Y	123.2	0.00	2.83	1.24	0	9	3	95	0.00	0.0	2.067	0.000	9	3	1	1	
PL.18373	PL.19253	A B C	4/0ACSR	7.27Y 7.39Y 7.38Y	121.2 123.2 123.1	0.01 0.00 0.00	4.79 2.83 2.94	54.02 26.26 26.29	19 9 9	371 183 183	130 65 66	94 94 94	0.02 0.00 0.00	0.0	2.077	0.011	0 0 0	0 0 0	0 0 0	75 56 50	

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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\EXISTING JUL05 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-							% Loss	% Loss	mi From Src	-----Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW					KW	KVAR	Cons On	Cons Thru
PL.12910	PL.12909	A	4ACSR	7.27Y	121.1	0.00	4.89	2.47	2	17	6	94	0.00	0.0	2.418	0.037	0	0	0	2	
506210	PL.12910	A	Consumer	7.27Y	121.1	0.00	4.89	1.04	0	7	2	96	0.00	0.0	2.418	0.000	7	2	1	1	
506211	PL.12910	A	Consumer	7.27Y	121.1	0.00	4.89	1.43	0	10	3	96	0.00	0.0	2.418	0.000	10	3	1	1	
505215	PL.38237	A	Consumer	7.27Y	121.1	0.00	4.88	0.75	0	5	2	93	0.00	0.0	2.343	0.000	5	2	1	1	
505216	PL.38237	A	Consumer	7.27Y	121.1	0.00	4.88	0.34	0	2	1	89	0.00	0.0	2.343	0.000	2	1	1	1	
PL.19657	PL.12906	C	4ACSR	7.38Y	123.0	0.00	3.03	0.77	1	5	2	93	0.00	0.0	2.296	0.028	0	0	0	1	
PL.19658	PL.19657	C	4ACSR	7.38Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	2.324	0.027	0	0	0	0	
506201	PL.19658	C	Consumer	7.38Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	2.324	0.000	0	0	0	0	
505209	PL.19657	C	Consumer	7.38Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	2.296	0.000	0	0	0	0	
505208	PL.19657	C	Consumer	7.38Y	123.0	0.00	3.03	0.77	0	5	2	93	0.00	0.0	2.296	0.000	5	2	1	1	
505312	PL.15816	C	Consumer	7.38Y	123.0	0.00	3.02	0.51	0	4	1	97	0.00	0.0	2.223	0.000	4	1	1	1	
505205	PL.15816	C	Consumer	7.38Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	2.223	0.000	0	0	0	0	
505346	PL.15816	A	Consumer	7.27Y	121.2	0.00	4.85	0.98	0	7	2	96	0.00	0.0	2.223	0.000	7	2	1	1	
505341	PL.15816	C	Consumer	7.38Y	123.0	0.00	3.02	0.01	0	0	0	100	0.00	0.0	2.223	0.000	0	0	1	1	
506239	PL.15816	A	Consumer	7.27Y	121.2	0.00	4.85	0.00	0	0	0	100	0.00	0.0	2.223	0.000	0	0	0	0	
505318	PL.15816	C	Consumer	7.38Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	2.223	0.000	0	0	0	0	
PL.29495	PL.15816	C	4ACSR	7.38Y	123.0	0.00	3.02	12.14	10	84	31	94	0.00	0.0	2.229	0.006	0	0	0	26	
C PD.2812	PL.29495	C	fuse6AMP	7.38Y	123.0	0.00	3.02	12.14	207	84	31	94	0.00	0.0	2.229	0.000	0	0	0	26 C	
PL.29496	PD.2812	C	4ACSR	7.38Y	123.0	0.00	3.03	12.14	10	84	31	94	0.00	0.0	2.236	0.006	0	0	0	26	
PL.29468	PL.29496	C	4ACSR	7.38Y	123.0	0.01	3.03	12.14	10	84	31	94	0.01	0.0	2.251	0.016	0	0	0	26	
PL.29469	PL.29468	C	4ACSR	7.38Y	123.0	0.01	3.04	4.42	4	31	11	94	0.00	0.0	2.295	0.043	0	0	0	9	
PL.29333	PL.29469	C	4ACSR	7.38Y	123.0	0.00	3.05	4.42	4	31	11	94	0.00	0.0	2.316	0.021	0	0	0	9	
506229	PL.29333	C	Consumer	7.38Y	123.0	0.00	3.05	0.54	0	4	1	97	0.00	0.0	2.316	0.000	4	1	1	1	
506227	PL.29333	C	Consumer	7.38Y	123.0	0.00	3.05	0.54	0	4	1	97	0.00	0.0	2.316	0.000	4	1	1	1	
506228	PL.29333	C	Consumer	7.38Y	123.0	0.00	3.05	0.37	0	3	1	95	0.00	0.0	2.316	0.000	3	1	1	1	
506230	PL.29333	C	Consumer	7.38Y	123.0	0.00	3.05	0.44	0	3	1	95	0.00	0.0	2.316	0.000	3	1	1	1	
506234	PL.29333	C	Consumer	7.38Y	123.0	0.00	3.05	0.64	0	4	2	89	0.00	0.0	2.316	0.000	4	2	1	1	
506232	PL.29333	C	Consumer	7.38Y	123.0	0.00	3.05	0.69	0	5	2	93	0.00	0.0	2.316	0.000	5	2	1	1	
506235	PL.29333	C	Consumer	7.38Y	123.0	0.00	3.05	0.66	0	5	2	93	0.00	0.0	2.316	0.000	5	2	1	1	
506233	PL.29333	C	Consumer	7.38Y	123.0	0.00	3.05	0.30	0	2	1	89	0.00	0.0	2.316	0.000	2	1	1	1	
506231	PL.29333	C	Consumer	7.38Y	123.0	0.00	3.05	0.23	0	2	1	89	0.00	0.0	2.316	0.000	2	1	1	1	
506216	PL.29468	C	Consumer	7.38Y	123.0	0.00	3.03	0.27	0	2	1	89	0.00	0.0	2.251	0.000	2	1	1	1	
505336	PL.29468	C	Consumer	7.38Y	123.0	0.00	3.03	0.18	0	1	0	100	0.00	0.0	2.251	0.000	1	0	1	1	
506225	PL.29468	C	Consumer	7.38Y	123.0	0.00	3.03	0.43	0	3	1	95	0.00	0.0	2.251	0.000	3	1	1	1	
506214	PL.29468	C	Consumer	7.38Y	123.0	0.00	3.03	0.30	0	2	1	89	0.00	0.0	2.251	0.000	2	1	1	1	
506217	PL.29468	C	Consumer	7.38Y	123.0	0.00	3.03	0.41	0	3	1	95	0.00	0.0	2.251	0.000	3	1	1	1	
505334	PL.29468	C	Consumer	7.38Y	123.0	0.00	3.03	0.50	0	3	1	95	0.00	0.0	2.251	0.000	3	1	1	1	
506215	PL.29468	C	Consumer	7.38Y	123.0	0.00	3.03	0.42	0	3	1	95	0.00	0.0	2.251	0.000	3	1	1	1	

Unbalanced Voltage Drop Report
Source: CLAY CITY

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Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for various elements like 505335, 505337, 506226, 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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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 From Src	Length (mi)						KW	KVAR	Cons On	Cons Thru
505201	PL.20282	A	Consumer	7.26Y	121.1	0.00	4.94	0.00	0	0	0	100	0.00	0.0	2.344	0.000	0	0	0	0		
504332	PL.20282	A	Consumer	7.26Y	121.1	0.00	4.94	0.00	0	0	0	100	0.00	0.0	2.344	0.000	0	0	0	0		
505211	PL.20282	A	Consumer	7.26Y	121.1	0.00	4.94	1.71	0	12	4	95	0.00	0.0	2.344	0.000	12	4	1	1		
505213	PL.20282	A	Consumer	7.26Y	121.1	0.00	4.94	2.10	0	14	5	94	0.00	0.0	2.344	0.000	14	5	1	1		
504326	PL.20282	A	Consumer	7.26Y	121.1	0.00	4.94	0.48	0	3	1	95	0.00	0.0	2.344	0.000	3	1	1	1		
505323	PL.21412	A	Consumer	7.27Y	121.1	0.00	4.89	0.85	0	6	2	95	0.00	0.0	2.260	0.000	6	2	1	1		
505349	PL.21412	A	Consumer	7.27Y	121.1	0.00	4.89	0.38	0	3	1	95	0.00	0.0	2.260	0.000	3	1	1	1		
505306	PL.21412	A	Consumer	7.27Y	121.1	0.00	4.89	0.00	0	0	0	100	0.00	0.0	2.260	0.000	0	0	0	0		
505305	PL.21412	A	Consumer	7.27Y	121.1	0.00	4.89	0.00	0	0	0	100	0.00	0.0	2.260	0.000	0	0	0	0		
505333	PL.21412	A	Consumer	7.27Y	121.1	0.00	4.89	0.00	0	0	0	100	0.00	0.0	2.260	0.000	0	0	0	0		
505340	PL.21412	A	Consumer	7.27Y	121.1	0.00	4.89	0.40	0	3	1	95	0.00	0.0	2.260	0.000	3	1	1	1		
505315	PL.12911	B	Consumer	7.39Y	123.1	0.00	2.86	0.63	0	4	2	89	0.00	0.0	2.230	0.000	4	2	1	1		
505314	PL.12911	A	Consumer	7.27Y	121.1	0.00	4.87	0.00	0	0	0	100	0.00	0.0	2.230	0.000	0	0	0	0		
PL.15818	PL.12911	A	4ACSR	7.27Y	121.1	0.00	4.87	1.90	2	13	5	93	0.00	0.0	2.236	0.005	0	0	0	3		
		B		7.39Y	123.1	0.00	2.86	5.62	5	39	14	94					0	0	0	9		
PD.2808	PL.15818	A	fuse8AMP	7.27Y	121.1	0.00	4.87	1.90	26	13	5	93	0.00	0.0	2.236	0.000	0	0	0	3		
		B		7.39Y	123.1	0.00	2.86	5.62	77	39	14	94					0	0	0	9		
PL.15819	PD.2808	A	4ACSR	7.27Y	121.1	0.00	4.88	1.90	2	13	5	93	0.00	0.0	2.270	0.034	0	0	0	3		
		B		7.39Y	123.1	0.01	2.87	5.62	5	39	14	94					0	0	0	9		
505407	PL.15819	B	Consumer	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	2.270	0.000	0	0	0	0		
505420	PL.15819	A	Consumer	7.27Y	121.1	0.00	4.88	0.34	0	2	1	89	0.00	0.0	2.270	0.000	2	1	1	1		
		B		7.39Y	123.1	0.00	2.87	0.33	0	2	1	94					2	1	1	1		
PL.25008	PL.15819	A	4ACSR	7.27Y	121.1	0.00	4.88	1.56	1	11	4	94	0.00	0.0	2.297	0.027	0	0	0	3		
		B		7.39Y	123.1	0.01	2.88	5.28	4	37	13	94					0	0	0	9		
PL.25009	PL.25008	A	4ACSR	7.27Y	121.1	0.00	4.88	0.88	1	6	2	95	0.00	0.0	2.333	0.036	0	0	0	2		
		B		7.39Y	123.1	0.00	2.88	1.51	1	11	4	94					0	0	0	3		
506418	PL.25009	A	Consumer	7.27Y	121.1	0.00	4.88	0.30	0	2	1	89	0.00	0.0	2.333	0.000	2	1	1	1		
		B		7.39Y	123.1	0.00	2.88	0.30	0	2	1	94					2	1	1	1		
506432	PL.25009	B	Consumer	7.39Y	123.1	0.00	2.88	0.64	0	4	2	89	0.00	0.0	2.333	0.000	4	2	1	1		
506430	PL.25009	A	Consumer	7.27Y	121.1	0.00	4.88	0.49	0	3	1	95	0.00	0.0	2.333	0.000	3	1	1	1		
		B		7.39Y	123.1	0.00	2.88	0.48	0	3	1	94					3	1	1	1		
506429	PL.25009	A	Consumer	7.27Y	121.1	0.00	4.88	0.09	0	1	0	100	0.00	0.0	2.333	0.000	1	0	1	1		
		B		7.39Y	123.1	0.00	2.88	0.09	0	1	0	94					1	0	1	1		
506413	PL.25008	A	Consumer	7.27Y	121.1	0.00	4.88	0.30	0	2	1	89	0.00	0.0	2.297	0.000	2	1	1	1		
		B		7.39Y	123.1	0.00	2.88	0.30	0	2	1	94					2	1	1	1		
506428	PL.25008	B	Consumer	7.39Y	123.1	0.00	2.88	0.54	0	4	1	97	0.00	0.0	2.297	0.000	4	1	1	1		
506431	PL.25008	A	Consumer	7.27Y	121.1	0.00	4.88	0.37	0	3	1	95	0.00	0.0	2.297	0.000	3	1	1	1		
		B		7.39Y	123.1	0.00	2.88	0.37	0	3	1	94					3	1	1	1		
506417	PL.25008	B	Consumer	7.39Y	123.1	0.00	2.88	1.04	0	7	3	92	0.00	0.0	2.297	0.000	7	3	1	1		
505414	PL.25008	B	Consumer	7.39Y	123.1	0.00	2.88	0.77	0	5	2	93	0.00	0.0	2.297	0.000	5	2	1	1		
506426	PL.25008	B	Consumer	7.39Y	123.1	0.00	2.88	0.24	0	2	1	89	0.00	0.0	2.297	0.000	2	1	1	1		
506420	PL.25008	B	Consumer	7.39Y	123.1	0.00	2.88	0.53	0	4	1	97	0.00	0.0	2.297	0.000	4	1	1	1		
PL.19031	PL.12911	A	4/0ACSR	7.27Y	121.1	0.00	4.88	11.71	4	80	28	94	0.01	0.0	2.251	0.021	0	0	0	17		
		B		7.39Y	123.1	0.00	2.87	20.01	7	139	50	94					0	0	0	46		
		C		7.38Y	123.0	-0.00	2.96	1.64	1	11	4	94					0	0	0	3		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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. Rows include elements like 505342, 505332, 505331, etc., with detailed electrical parameters.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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-						Thru KW	% PF	kW Loss	% Loss	Length (mi)		KW	KVAR		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF										
PL.15822	PL.15821	A	4ACSR	7.26Y	121.1	0.01	4.92	8.22	7	56	20	94	0.01	0.0	2.370	0.038	0	0	0	11		
504305	PL.15822	A	Consumer	7.26Y	121.1	0.00	4.92	0.72	0	5	2	93	0.00	0.0	2.370	0.000	5	2	1	1		
504324	PL.15822	A	Consumer	7.26Y	121.1	0.00	4.92	0.24	0	2	1	89	0.00	0.0	2.370	0.000	2	1	1	1		
504330	PL.15822	A	Consumer	7.26Y	121.1	0.00	4.92	0.00	0	0	0	100	0.00	0.0	2.370	0.000	0	0	0	0		
504315	PL.15822	A	Consumer	7.26Y	121.1	0.00	4.92	0.49	0	3	1	95	0.00	0.0	2.370	0.000	3	1	1	1		
504318	PL.15822	A	Consumer	7.26Y	121.1	0.00	4.92	0.27	0	2	1	89	0.00	0.0	2.370	0.000	2	1	1	1		
504333	PL.15822	A	Consumer	7.26Y	121.1	0.00	4.92	0.00	0	0	0	100	0.00	0.0	2.370	0.000	0	0	0	0		
PL.25006	PL.15822	A	4ACSR	7.26Y	121.1	0.01	4.93	6.50	5	45	15	95	0.00	0.0	2.398	0.028	0	0	0	7		
PL.24296	PL.25006	A	4ACSR	7.26Y	121.1	0.00	4.93	2.37	2	16	6	94	0.00	0.0	2.413	0.016	0	0	0	3		
PL.24297	PL.24296	A	4ACSR	7.26Y	121.1	0.00	4.93	2.37	2	16	6	94	0.00	0.0	2.451	0.037	0	0	0	3		
504319	PL.24297	A	Consumer	7.26Y	121.1	0.00	4.93	0.21	0	1	1	71	0.00	0.0	2.451	0.000	1	1	1	1		
503311	PL.24297	A	Consumer	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	2.451	0.000	0	0	0	0		
504208	PL.24297	A	Consumer	7.26Y	121.1	0.00	4.93	0.93	0	6	2	95	0.00	0.0	2.451	0.000	6	2	1	1		
504321	PL.24297	A	Consumer	7.26Y	121.1	0.00	4.93	1.23	0	8	3	94	0.00	0.0	2.451	0.000	8	3	1	1		
504334	PL.25006	A	Consumer	7.26Y	121.1	0.00	4.93	0.86	0	6	2	95	0.00	0.0	2.398	0.000	6	2	1	1		
504327	PL.25006	A	Consumer	7.26Y	121.1	0.00	4.93	1.15	0	8	3	94	0.00	0.0	2.398	0.000	8	3	1	1		
504322	PL.25006	A	Consumer	7.26Y	121.1	0.00	4.93	1.22	0	8	3	94	0.00	0.0	2.398	0.000	8	3	1	1		
5043050	504322	A	Consumer	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	2.398	0.000	0	0	0	0		
504308	PL.25006	A	Consumer	7.26Y	121.1	0.00	4.93	0.88	0	6	2	95	0.00	0.0	2.398	0.000	6	2	1	1		
PL.19058	PL.19506	A	4/0ACSR	7.27Y	121.1	0.00	4.89	0.00	0	0	0	100	0.00	0.0	2.315	0.025	0	0	0	0		
		B		7.39Y	123.1	0.01	2.88	15.14	5	105	38	94			0	0	0	0	37			
		C		7.38Y	123.0	-0.00	2.95	0.47	0	3	1	94			0	0	0	0	1			
PL.19057	PL.19058	A	4/0ACSR	7.27Y	121.1	0.00	4.89	0.00	0	0	0	100	0.00	0.0	2.343	0.029	0	0	0	0		
		B		7.39Y	123.1	0.01	2.89	13.83	5	96	35	94			0	0	0	0	34			
		C		7.38Y	123.1	-0.00	2.95	0.47	0	3	1	94			0	0	0	0	1			
504440	PL.19057	C	Consumer	7.38Y	123.1	0.00	2.95	0.00	0	0	0	100	0.00	0.0	2.343	0.000	0	0	0	0		
504408	PL.19057	C	Consumer	7.38Y	123.1	0.00	2.95	0.47	0	3	1	95	0.00	0.0	2.343	0.000	3	1	1	1		
PL.24827	PL.19057	A	4/0ACSR	7.27Y	121.1	0.00	4.89	0.00	0	0	0	100	0.00	0.0	2.386	0.042	0	0	0	0		
		B		7.39Y	123.1	0.01	2.90	13.83	5	96	35	94			0	0	0	0	34			
		C		7.38Y	123.1	-0.00	2.94	0.00	0	0	0	100			0	0	0	0	0			
504416	PL.24827	B	Consumer	7.39Y	123.1	0.00	2.90	0.17	0	1	0	100	0.00	0.0	2.386	0.000	1	0	1	1		
504418	PL.24827	B	Consumer	7.39Y	123.1	0.00	2.90	0.35	0	2	1	89	0.00	0.0	2.386	0.000	2	1	1	1		
504417	PL.24827	B	Consumer	7.39Y	123.1	0.00	2.90	0.35	0	2	1	89	0.00	0.0	2.386	0.000	2	1	1	1		
504402	PL.24827	B	Consumer	7.39Y	123.1	0.00	2.90	0.00	0	0	0	100	0.00	0.0	2.386	0.000	0	0	0	0		
504419	PL.24827	B	Consumer	7.39Y	123.1	0.00	2.90	0.71	0	5	2	93	0.00	0.0	2.386	0.000	5	2	1	1		
504415	PL.24827	B	Consumer	7.39Y	123.1	0.00	2.90	1.37	0	9	4	91	0.00	0.0	2.386	0.000	9	4	1	1		
504441	PL.24827	B	Consumer	7.39Y	123.1	0.00	2.90	0.00	0	0	0	100	0.00	0.0	2.386	0.000	0	0	0	0		
PL.29334	PL.24827	B	4ACSR	7.39Y	123.1	0.01	2.91	8.92	7	62	22	94	0.00	0.0	2.409	0.024	0	0	0	25		
PL.29335	PL.29334	B	4ACSR	7.39Y	123.1	0.01	2.91	4.32	4	30	10	95	0.00	0.0	2.436	0.026	0	0	0	9		
PL.29336	PL.29335	B	4ACSR	7.39Y	123.1	0.00	2.92	3.13	3	22	8	94	0.00	0.0	2.456	0.021	0	0	0	5		
504313	PL.29336	B	Consumer	7.39Y	123.1	0.00	2.92	0.26	0	2	1	89	0.00	0.0	2.456	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: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts								mi From Src	-----Element----- Length (mi)	-----Element-----			
							-Base Voltage:120.0- Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss	KW			KVAR	Cons On	Cons Thru	
504335	PL.29336	B	Consumer	7.39Y	123.1	0.00	2.92	0.85	0	6	2	95	0.00	0.0	2.456	0.000	6	2	1	1
503401	PL.29336	B	Consumer	7.39Y	123.1	0.00	2.92	0.42	0	3	1	95	0.00	0.0	2.456	0.000	3	1	1	1
504316	PL.29336	B	Consumer	7.39Y	123.1	0.00	2.92	0.00	0	0	0	100	0.00	0.0	2.456	0.000	0	0	0	0
504328	PL.29336	B	Consumer	7.39Y	123.1	0.00	2.92	0.49	0	3	1	95	0.00	0.0	2.456	0.000	3	1	1	1
503405	PL.29336	B	Consumer	7.39Y	123.1	0.00	2.92	1.12	0	8	3	94	0.00	0.0	2.456	0.000	8	3	1	1
503413	PL.29335	B	Consumer	7.39Y	123.1	0.00	2.91	0.00	0	0	0	100	0.00	0.0	2.436	0.000	0	0	0	0
504431	PL.29335	B	Consumer	7.39Y	123.1	0.00	2.91	0.27	0	2	1	89	0.00	0.0	2.436	0.000	2	1	1	1
503407	PL.29335	B	Consumer	7.39Y	123.1	0.00	2.91	0.00	0	0	0	100	0.00	0.0	2.436	0.000	0	0	0	0
504430	PL.29335	B	Consumer	7.39Y	123.1	0.00	2.91	0.26	0	2	1	89	0.00	0.0	2.436	0.000	2	1	1	1
503414	PL.29335	B	Consumer	7.39Y	123.1	0.00	2.91	0.00	0	0	0	100	0.00	0.0	2.436	0.000	0	0	0	0
503408	PL.29335	B	Consumer	7.39Y	123.1	0.00	2.91	0.00	0	0	0	100	0.00	0.0	2.436	0.000	0	0	0	0
504429	PL.29335	B	Consumer	7.39Y	123.1	0.00	2.91	0.34	0	2	1	89	0.00	0.0	2.436	0.000	2	1	1	1
503411	PL.29335	B	Consumer	7.39Y	123.1	0.00	2.91	0.00	0	0	0	100	0.00	0.0	2.436	0.000	0	0	0	0
503412	PL.29335	B	Consumer	7.39Y	123.1	0.00	2.91	0.00	0	0	0	100	0.00	0.0	2.436	0.000	0	0	0	0
504428	PL.29335	B	Consumer	7.39Y	123.1	0.00	2.91	0.32	0	2	1	89	0.00	0.0	2.436	0.000	2	1	1	1
503409	PL.29335	B	Consumer	7.39Y	123.1	0.00	2.91	0.00	0	0	0	100	0.00	0.0	2.436	0.000	0	0	0	0
503410	PL.29335	B	Consumer	7.39Y	123.1	0.00	2.91	0.00	0	0	0	100	0.00	0.0	2.436	0.000	0	0	0	0
504438	PL.29334	B	Consumer	7.39Y	123.1	0.00	2.91	0.26	0	2	1	89	0.00	0.0	2.409	0.000	2	1	1	1
504424	PL.29334	B	Consumer	7.39Y	123.1	0.00	2.91	0.26	0	2	1	89	0.00	0.0	2.409	0.000	2	1	1	1
504426	PL.29334	B	Consumer	7.39Y	123.1	0.00	2.91	0.54	0	4	1	97	0.00	0.0	2.409	0.000	4	1	1	1
504434	PL.29334	B	Consumer	7.39Y	123.1	0.00	2.91	0.19	0	1	1	71	0.00	0.0	2.409	0.000	1	1	1	1
504421	PL.29334	B	Consumer	7.39Y	123.1	0.00	2.91	0.19	0	1	0	100	0.00	0.0	2.409	0.000	1	0	1	1
504423	PL.29334	B	Consumer	7.39Y	123.1	0.00	2.91	0.39	0	3	1	95	0.00	0.0	2.409	0.000	3	1	1	1
504437	PL.29334	B	Consumer	7.39Y	123.1	0.00	2.91	0.38	0	3	1	95	0.00	0.0	2.409	0.000	3	1	1	1
504432	PL.29334	B	Consumer	7.39Y	123.1	0.00	2.91	0.19	0	1	0	100	0.00	0.0	2.409	0.000	1	0	1	1
504425	PL.29334	B	Consumer	7.39Y	123.1	0.00	2.91	0.26	0	2	1	89	0.00	0.0	2.409	0.000	2	1	1	1
504436	PL.29334	B	Consumer	7.39Y	123.1	0.00	2.91	0.10	0	1	0	100	0.00	0.0	2.409	0.000	1	0	1	1
504427	PL.29334	B	Consumer	7.39Y	123.1	0.00	2.91	0.26	0	2	1	89	0.00	0.0	2.409	0.000	2	1	1	1
504435	PL.29334	B	Consumer	7.39Y	123.1	0.00	2.91	0.11	0	1	0	100	0.00	0.0	2.409	0.000	1	0	1	1
504439	PL.29334	B	Consumer	7.39Y	123.1	0.00	2.91	0.32	0	2	1	89	0.00	0.0	2.409	0.000	2	1	1	1
504422	PL.29334	B	Consumer	7.39Y	123.1	0.00	2.91	0.39	0	3	1	95	0.00	0.0	2.409	0.000	3	1	1	1
504433	PL.29334	B	Consumer	7.39Y	123.1	0.00	2.91	0.30	0	2	1	89	0.00	0.0	2.409	0.000	2	1	1	1
504420	PL.29334	B	Consumer	7.39Y	123.1	0.00	2.91	0.44	0	3	1	95	0.00	0.0	2.409	0.000	3	1	1	1
PL.12914	PL.24827	A	4/0ACSR	7.27Y	121.1	0.00	4.89	0.00	0	0	0	100	0.00	0.0	2.451	0.065	0	0	0	0
		B		7.39Y	123.1	0.00	2.90	1.98	1	14	5	94					0	0	0	4
		C		7.38Y	123.1	-0.00	2.94	0.00	0	0	0	100					0	0	0	0
PL.12913	PL.12914	A	4/0ACSR	7.27Y	121.1	0.00	4.89	0.00	0	0	0	100	0.00	0.0	2.464	0.013	0	0	0	0
		B		7.39Y	123.1	0.00	2.90	0.00	0	0	0	100					0	0	0	0
		C		7.38Y	123.1	0.00	2.94	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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.4350-B	PL.12913	A	Open	7.27Y	121.1	0.00	4.89	0.00	0	0	0	100	0.00	0.0	2.464	0.000	0	0	0	0
		B		7.39Y	123.1	0.00	2.90	0.00	0	0	0	100	0.00	0.0			0	0	0	0
		C		7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0			0	0	0	0
503310	PL.12914	B	Consumer	7.39Y	123.1	0.00	2.90	0.00	0	0	0	100	0.00	0.0	2.451	0.000	0	0	0	0
503307	PL.12914	B	Consumer	7.39Y	123.1	0.00	2.90	0.95	0	7	2	96	0.00	0.0	2.451	0.000	7	2	1	1
504306	PL.12914	B	Consumer	7.39Y	123.1	0.00	2.90	0.24	0	2	1	89	0.00	0.0	2.451	0.000	2	1	1	1
504331	PL.12914	B	Consumer	7.39Y	123.1	0.00	2.90	0.25	0	2	1	89	0.00	0.0	2.451	0.000	2	1	1	1
503312	PL.12914	C	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	2.451	0.000	0	0	0	0
503303	PL.12914	B	Consumer	7.39Y	123.1	0.00	2.90	0.54	0	4	1	97	0.00	0.0	2.451	0.000	4	1	1	1
504413	PL.19058	C	Consumer	7.38Y	123.0	0.00	2.95	0.00	0	0	0	100	0.00	0.0	2.315	0.000	0	0	0	0
504406	PL.19058	B	Consumer	7.39Y	123.1	0.00	2.88	0.30	0	2	1	89	0.00	0.0	2.315	0.000	2	1	1	1
504412	PL.19058	B	Consumer	7.39Y	123.1	0.00	2.88	0.53	0	4	1	97	0.00	0.0	2.315	0.000	4	1	1	1
504414	PL.19058	B	Consumer	7.39Y	123.1	0.00	2.88	0.48	0	3	1	95	0.00	0.0	2.315	0.000	3	1	1	1
506302	PL.12912	A	Consumer	7.27Y	121.1	0.00	4.85	0.50	0	3	1	95	0.00	0.0	2.192	0.000	3	1	1	1
		C		7.38Y	123.0	0.00	2.97	0.49	0	3	1	94	0.00	0.0			3	1	1	1
505338	PL.12912	A	Consumer	7.27Y	121.1	0.00	4.85	0.00	0	0	0	100	0.00	0.0	2.192	0.000	0	0	0	0
		C		7.38Y	123.0	0.00	2.97	0.00	0	0	0	100	0.00	0.0			0	0	0	0
505324	PL.12912	C	Consumer	7.38Y	123.0	0.00	2.97	0.08	0	1	0	100	0.00	0.0	2.192	0.000	1	0	1	1
505328	PL.12912	C	Consumer	7.38Y	123.0	0.00	2.97	0.00	0	0	0	100	0.00	0.0	2.192	0.000	0	0	0	0
506401	PL.12912	A	Consumer	7.27Y	121.1	0.00	4.85	0.00	0	0	0	100	0.00	0.0	2.192	0.000	0	0	0	0
		C		7.38Y	123.0	0.00	2.97	0.00	0	0	0	100	0.00	0.0			0	0	0	0
506313	PL.12912	A	Consumer	7.27Y	121.1	0.00	4.85	0.00	0	0	0	100	0.00	0.0	2.192	0.000	0	0	1	1
		C		7.38Y	123.0	0.00	2.97	0.00	0	0	0	94	0.00	0.0			0	0	1	1
PL.17653	PL.25004	C	4ACSR	7.38Y	123.0	0.00	2.97	8.17	7	57	20	94	0.00	0.0	2.163	0.005	0	0	0	11
C PD.2809	PL.17653	C	fuse8AMP	7.38Y	123.0	0.00	2.97	8.17	112	57	20	94	0.00	0.0	2.163	0.000	0	0	0	11 C
PL.17654	PD.2809	C	4ACSR	7.38Y	123.0	0.01	2.98	8.17	7	57	20	94	0.00	0.0	2.184	0.021	0	0	0	11
506314	PL.17654	C	Consumer	7.38Y	123.0	0.00	2.98	0.85	0	6	2	95	0.00	0.0	2.184	0.000	6	2	1	1
506318	PL.17654	C	Consumer	7.38Y	123.0	0.00	2.98	0.00	0	0	0	100	0.00	0.0	2.184	0.000	0	0	0	0
506322	PL.17654	C	Consumer	7.38Y	123.0	0.00	2.98	0.00	0	0	0	100	0.00	0.0	2.184	0.000	0	0	0	0
506305	PL.17654	C	Consumer	7.38Y	123.0	0.00	2.98	1.03	0	7	2	96	0.00	0.0	2.184	0.000	7	2	1	1
506320	PL.17654	C	Consumer	7.38Y	123.0	0.00	2.98	0.00	0	0	0	100	0.00	0.0	2.184	0.000	0	0	0	0
506303	PL.17654	C	Consumer	7.38Y	123.0	0.00	2.98	0.00	0	0	0	100	0.00	0.0	2.184	0.000	0	0	0	0
506319	PL.17654	C	Consumer	7.38Y	123.0	0.00	2.98	0.00	0	0	0	100	0.00	0.0	2.184	0.000	0	0	0	0
PL.27827	PL.17654	C	4ACSR	7.38Y	123.0	0.01	2.99	6.30	5	44	15	95	0.00	0.0	2.218	0.034	0	0	0	9
PL.27828	PL.27827	C	4ACSR	7.38Y	123.0	0.00	2.99	3.02	3	21	7	95	0.00	0.0	2.250	0.032	0	0	0	4
506433	PL.27828	C	Consumer	7.38Y	123.0	0.00	2.99	0.35	0	2	1	89	0.00	0.0	2.250	0.000	2	1	1	1
506427	PL.27828	C	Consumer	7.38Y	123.0	0.00	2.99	1.63	0	11	4	94	0.00	0.0	2.250	0.000	5	2	1	2
5064034	506427	C	Consumer	7.38Y	123.0	0.00	2.99	0.87	0	6	2	95	0.00	0.0	2.250	0.000	6	2	1	1
PL.25010	PL.27828	C	4ACSR	7.38Y	123.0	0.00	3.00	1.04	1	7	3	92	0.00	0.0	2.296	0.046	0	0	0	1
507401	PL.25010	C	Consumer	7.38Y	123.0	0.00	3.00	1.04	0	7	3	92	0.00	0.0	2.296	0.000	7	3	1	1
506409	PL.25010	C	Consumer	7.38Y	123.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	2.296	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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
506317	PL.27827	C	Consumer	7.38Y	123.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	2.218	0.000	0	0	0	0
506423	PL.27827	C	Consumer	7.38Y	123.0	0.00	2.99	1.20	0	8	3	94	0.00	0.0	2.218	0.000	8	3	1	1
506310	PL.27827	C	Consumer	7.38Y	123.0	0.00	2.99	0.58	0	4	1	97	0.00	0.0	2.218	0.000	4	1	1	1
506424	PL.27827	C	Consumer	7.38Y	123.0	0.00	2.99	0.68	0	5	2	93	0.00	0.0	2.218	0.000	5	2	1	1
506411	PL.27827	C	Consumer	7.38Y	123.0	0.00	2.99	0.19	0	1	0	100	0.00	0.0	2.218	0.000	1	0	1	1
506309	PL.27827	C	Consumer	7.38Y	123.0	0.00	2.99	0.63	0	4	2	89	0.00	0.0	2.218	0.000	4	2	1	1
506419	PL.27827	C	Consumer	7.38Y	123.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	2.218	0.000	0	0	0	0
PL.44719	PL.24822	A	2ACSR	7.27Y	121.2	0.00	4.83	0.00	0	0	0	100	0.00	0.0	2.178	0.034	0	0	0	0
		B		7.39Y	123.2	0.00	2.84	0.00	0	0	0	90					0	0	0	0
		C		7.38Y	123.0	0.00	2.97	0.00	0	0	0	90					0	0	0	0
5063031	PL.44719	A	Consumer	7.27Y	121.2	0.00	4.83	0.00	0	0	0	100	0.00	0.0	2.178	0.000	0	0	0	0
		B		7.39Y	123.2	0.00	2.84	0.00	0	0	0	90					0	0	0	0
		C		7.38Y	123.0	0.00	2.97	0.00	0	0	0	90					0	0	0	0
P PL.45849	PL.24822	A	1/0EPRJCN	7.27Y	121.2	-0.00	4.83	-0.02	0	0	0	100	0.00	0.0	2.174	0.030	0	0	0	0 P
5063034	PL.45849	A	Consumer	7.27Y	121.2	0.00	4.83	0.00	0	0	0	100	0.00	0.0	2.174	0.000	0	0	0	0
5063035	5063034	A	Consumer	7.27Y	121.2	0.00	4.83	0.00	0	0	0	100	0.00	0.0	2.174	0.000	0	0	0	0
5063032	PL.45849	A	Consumer	7.27Y	121.2	0.00	4.83	0.00	0	0	0	100	0.00	0.0	2.174	0.000	0	0	0	0
5063033	5063032	A	Consumer	7.27Y	121.2	0.00	4.83	0.00	0	0	0	100	0.00	0.0	2.174	0.000	0	0	0	0
506312	PL.24822	C	Consumer	7.38Y	123.0	0.00	2.97	0.01	0	0	0	100	0.00	0.0	2.144	0.000	0	0	1	1
PL.15809	PL.18372	A	4ACSR	7.27Y	121.2	0.00	4.81	12.39	10	85	30	94	0.00	0.0	2.101	0.005	0	0	0	16
C PD.2813	PL.15809	A	fuse8AMP	7.27Y	121.2	0.00	4.81	12.39	169	85	30	94	0.00	0.0	2.101	0.000	0	0	0	16 C
PL.15810	PD.2813	A	4ACSR	7.27Y	121.2	0.01	4.81	12.39	10	85	30	94	0.00	0.0	2.115	0.014	0	0	0	16
506330	PL.15810	A	Consumer	7.27Y	121.2	0.00	4.81	0.30	0	2	1	89	0.00	0.0	2.115	0.000	2	1	1	1
507318	PL.15810	A	Consumer	7.27Y	121.2	0.00	4.81	0.77	0	5	2	93	0.00	0.0	2.115	0.000	5	2	1	1
506325	PL.15810	A	Consumer	7.27Y	121.2	0.00	4.81	0.07	0	0	0	100	0.00	0.0	2.115	0.000	0	0	1	1
506308	PL.15810	A	Consumer	7.27Y	121.2	0.00	4.81	1.18	0	8	3	94	0.00	0.0	2.115	0.000	8	3	1	1
506315	PL.15810	A	Consumer	7.27Y	121.2	0.00	4.81	1.03	0	7	2	96	0.00	0.0	2.115	0.000	7	2	1	1
506316	PL.15810	A	Consumer	7.27Y	121.2	0.00	4.81	0.30	0	2	1	89	0.00	0.0	2.115	0.000	2	1	1	1
PL.24293	PL.15810	A	4ACSR	7.27Y	121.2	0.02	4.83	8.73	7	60	21	94	0.01	0.0	2.164	0.050	0	0	0	10
PL.12715	PL.24293	A	4ACSR	7.27Y	121.2	0.00	4.84	5.72	5	39	14	94	0.00	0.0	2.184	0.019	0	0	0	6
PL.12716	PL.12715	A	4ACSR	7.27Y	121.2	0.00	4.84	5.72	5	39	14	94	0.00	0.0	2.184	0.000	0	0	0	6
PL.7369	PL.12716	A	4ACSR	7.27Y	121.2	0.00	4.84	0.79	1	5	2	93	0.00	0.0	2.225	0.041	0	0	0	1
507403	PL.7369	A	Consumer	7.27Y	121.2	0.00	4.84	0.79	0	5	2	93	0.00	0.0	2.225	0.000	5	2	1	1
507406	PL.12716	A	Consumer	7.27Y	121.2	0.00	4.84	2.02	0	14	5	94	0.00	0.0	2.184	0.000	14	5	1	1
507313	PL.12716	A	Consumer	7.27Y	121.2	0.00	4.84	0.88	0	6	2	95	0.00	0.0	2.184	0.000	6	2	1	1
507310	PL.12716	A	Consumer	7.27Y	121.2	0.00	4.84	0.82	0	6	2	95	0.00	0.0	2.184	0.000	6	2	1	1
5073035	507310	A	Consumer	7.27Y	121.2	0.00	4.84	0.00	0	0	0	100	0.00	0.0	2.184	0.000	0	0	0	0
507407	PL.12716	A	Consumer	7.27Y	121.2	0.00	4.84	0.38	0	3	1	95	0.00	0.0	2.184	0.000	3	1	1	1
507405	PL.12716	A	Consumer	7.27Y	121.2	0.00	4.84	0.83	0	6	2	95	0.00	0.0	2.184	0.000	6	2	1	1
507307	PL.24293	A	Consumer	7.27Y	121.2	0.00	4.83	1.23	0	8	3	94	0.00	0.0	2.164	0.000	8	3	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 507312, 507306, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.15805, PL.3210, PL.3209, PL.3208, PL.29494, 508413, 508411, PL.31003, PD.178-A, PD.178-B, PL.31004, 509401, PL.7372, 509404, 509403, PL.15802, PD.174-A, PD.174-B, PL.15803, 507404, PL.12717, PL.24298, PL.12718, PL.12719.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
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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
509509	PL.12719	C	Consumer	7.38Y	123.0	0.00	3.03	0.77	0	5	2	93	0.00	0.0	2.327	0.000	5	2	1	1
509508	PL.12719	C	Consumer	7.38Y	123.0	0.00	3.03	0.08	0	1	0	100	0.00	0.0	2.327	0.000	1	0	1	1
PL.12245	PL.12719	A	336ACSR	7.27Y	121.2	0.01	4.77	17.88	4	120	51	92	0.01	0.0	2.378	0.052	0	0	0	19
		B		7.39Y	123.1	0.00	2.87	11.45	3	77	36	91					0	0	0	12
		C		7.38Y	123.0	0.01	3.04	14.99	3	101	44	92					0	0	0	13
PL.12246	PL.12245	A	336ACSR	7.27Y	121.2	0.01	4.77	15.43	3	103	45	92	0.01	0.0	2.431	0.053	0	0	0	15
		B		7.39Y	123.1	0.00	2.87	11.45	3	77	36	91					0	0	0	12
		C		7.38Y	122.9	0.01	3.05	14.76	3	100	44	92					0	0	0	12
509609	PL.12246	A	Consumer	7.27Y	121.2	0.00	4.77	0.49	0	3	2	83	0.00	0.0	2.431	0.000	3	2	1	1
509610	PL.12246	A	Consumer	7.27Y	121.2	0.00	4.77	2.95	0	19	9	90	0.00	0.0	2.431	0.000	19	9	1	1
509612	PL.12246	C	Consumer	7.38Y	122.9	0.00	3.05	0.00	0	0	0	100	0.00	0.0	2.431	0.000	0	0	1	1
509622	PL.12246	A	Consumer	7.27Y	121.2	0.00	4.77	0.35	0	2	1	89	0.00	0.0	2.431	0.000	2	1	1	1
PL.18238	PL.12246	A	336ACSR	7.27Y	121.2	0.00	4.78	8.19	2	55	22	93	0.00	0.0	2.459	0.028	0	0	0	9
		B		7.39Y	123.1	0.00	2.87	11.45	3	77	36	91					0	0	0	12
		C		7.38Y	122.9	0.00	3.05	14.76	3	100	44	92					0	0	0	11
PL.6522	PL.18238	A	336ACSR	7.27Y	121.2	0.00	4.78	8.19	2	55	22	93	0.00	0.0	2.474	0.015	0	0	0	9
		B		7.39Y	123.1	0.00	2.88	11.45	3	77	36	91					0	0	0	12
		C		7.38Y	122.9	0.00	3.06	14.76	3	100	44	92					0	0	0	11
PL.12764	PL.6522	A	336ACSR	7.27Y	121.2	0.00	4.78	8.19	2	55	22	93	0.00	0.0	2.498	0.023	0	0	0	9
		B		7.39Y	123.1	0.00	2.88	11.45	3	77	36	91					0	0	0	12
		C		7.38Y	122.9	0.00	3.06	14.76	3	100	44	92					0	0	0	11
510611	PL.12764	A	Consumer	7.27Y	121.2	0.00	4.78	0.68	0	5	2	93	0.00	0.0	2.498	0.000	5	2	1	1
510610	PL.12764	A	Consumer	7.27Y	121.2	0.00	4.78	0.00	0	0	0	100	0.00	0.0	2.498	0.000	0	0	0	0
PL.12765	PL.12764	A	336ACSR	7.27Y	121.2	0.00	4.78	6.73	2	45	18	93	0.00	0.0	2.523	0.026	0	0	0	8
		B		7.39Y	123.1	0.00	2.88	11.25	3	75	35	90					0	0	0	11
		C		7.38Y	122.9	0.00	3.06	6.58	1	44	20	91					0	0	0	3
PL.12763	PL.12765	A	336ACSR	7.27Y	121.2	0.00	4.78	4.38	1	29	12	92	0.00	0.0	2.535	0.011	0	0	0	7
		B		7.39Y	123.1	0.00	2.88	10.44	2	70	33	91					0	0	0	11
		C		7.38Y	122.9	0.00	3.06	5.77	1	39	18	91					0	0	0	3
PL.12761	PL.12763	A	336ACSR	7.27Y	121.2	0.00	4.78	4.38	1	29	12	92	0.00	0.0	2.571	0.036	0	0	0	7
		B		7.39Y	123.1	0.00	2.89	7.70	2	52	24	91					0	0	0	6
		C		7.38Y	122.9	0.00	3.06	5.77	1	39	18	91					0	0	0	3
PL.12762	PL.12761	A	336ACSR	7.27Y	121.2	0.00	4.78	2.32	1	15	7	91	0.00	0.0	2.608	0.037	0	0	0	3
		B		7.39Y	123.1	0.00	2.89	7.68	2	51	24	91					0	0	0	5
		C		7.38Y	122.9	0.00	3.06	5.77	1	39	18	91					0	0	0	3
PL.12760	PL.12762	A	336ACSR	7.27Y	121.2	-0.00	4.78	1.61	0	11	5	91	0.00	0.0	2.620	0.012	0	0	0	2
		B		7.39Y	123.1	0.00	2.89	1.55	0	10	5	90					0	0	0	1
		C		7.38Y	122.9	0.00	3.06	5.08	1	34	16	91					0	0	0	3
511707	PL.12760	C	Consumer	7.38Y	122.9	0.00	3.06	1.04	0	7	3	92	0.00	0.0	2.620	0.000	7	3	1	1
511701	PL.12760	C	Consumer	7.38Y	122.9	0.00	3.06	2.49	0	17	8	90	0.00	0.0	2.620	0.000	17	8	1	1
510708	PL.12760	C	Consumer	7.38Y	122.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	2.620	0.000	0	0	0	0
PL.12759	PL.12760	A	336ACSR	7.27Y	121.2	0.00	4.78	1.61	0	11	5	91	0.00	0.0	2.636	0.016	0	0	0	2
		B		7.39Y	123.1	0.00	2.89	1.55	0	10	5	90					0	0	0	1
		C		7.38Y	122.9	0.00	3.06	1.55	0	10	5	90					0	0	0	1
PL.12758	PL.12759	A	336ACSR	7.27Y	121.2	0.00	4.78	0.00	0	0	0	100	0.00	0.0	2.642	0.006	0	0	0	0
		B		7.39Y	123.1	0.00	2.89	0.00	0	0	0	100					0	0	0	0
		C		7.38Y	122.9	0.00	3.06	0.00	0	0	0	100					0	0	0	0
PD.3067-B	PL.12758	A	Open	7.27Y	121.2	0.00	4.78	0.00	0	0	0	100	0.00	0.0	2.642	0.000	0	0	0	0
		B		7.39Y	123.1	0.00	2.89	0.00	0	0	0	100					0	0	0	0
		C		7.38Y	122.9	0.00	3.06	0.00	0	0	0	100					0	0	0	0
510718	PL.12759	A	Consumer	7.27Y	121.2	0.00	4.78	0.00	0	0	0	100	0.00	0.0	2.636	0.000	0	0	0	0

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

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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-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR			Cons On	Cons Thru		
511720	PL.12759	A	Consumer	7.27Y	121.2	0.00	4.78	0.41	0	3	1	95	0.00	0.0	2.636	0.000	3	1	1	1		
511719	PL.12759	B C	Consumer	7.39Y 7.38Y	123.1 122.9	0.00 0.00	2.89 3.06	1.55 1.55	0 0	10 10	5 5	89 90	0.00 0.00	0.0 0.0	2.636	0.000	10 10	5 5	1 1	1 1		
511718	PL.12759	A	Consumer	7.27Y	121.2	0.00	4.78	0.00	0	0	0	100	0.00	0.0	2.636	0.000	0	0	0	0		
511704	PL.12759	A	Consumer	7.27Y	121.2	0.00	4.78	1.21	0	8	4	89	0.00	0.0	2.636	0.000	8	4	1	1		
PL.6525	PL.12762	A B C	4ACSR	7.27Y 7.39Y 7.38Y	121.2 123.1 122.9	0.00 0.02 -0.00	4.78 2.91 3.06	0.71 6.13 0.70	1 5 1	5 41 5	2 19 2	93 91 90	0.00 0.00 0.00	0.0 0.0 0.0	2.664	0.055	0 0 0	0 0 0	0 0 0	1 5 1		
PL.7204	PL.6525	A B C	4ACSR	7.27Y 7.39Y 7.38Y	121.2 123.1 122.9	0.00 0.00 0.00	4.78 2.91 3.06	0.71 2.27 0.70	1 2 1	5 15 5	2 6 2	93 92 90	0.00 0.00 0.00	0.0 0.0 0.0	2.679	0.016	0 0 0	0 0 0	0 0 0	1 3 1		
510717	PL.7204	A B C	Consumer	7.27Y 7.39Y 7.38Y	121.2 123.1 122.9	0.00 0.00 0.00	4.78 2.91 3.06	0.20 0.20 0.20	0 0 0	1 1 1	1 1 1	71 90 90	0.00 0.00 0.00	0.0 0.0 0.0	2.679	0.000	1 1 1	1 1 1	0 0 0	0 0 0		
510731	PL.7204	B	Consumer	7.39Y	123.1	0.00	2.91	0.52	0	3	2	83	0.00	0.0	2.679	0.000	3	2	1	1		
510707	PL.7204	A B C	Consumer	7.27Y 7.39Y 7.38Y	121.2 123.1 122.9	0.00 0.00 0.00	4.78 2.91 3.06	0.50 0.50 0.50	0 0 0	3 3 3	2 2 2	83 90 90	0.00 0.00 0.00	0.0 0.0 0.0	2.679	0.000	3 3 3	2 2 2	0 0 0	0 0 0		
510729	PL.7204	B	Consumer	7.39Y	123.1	0.00	2.91	1.05	0	7	3	92	0.00	0.0	2.679	0.000	7	3	1	1		
510724	PL.7204	B	Consumer	7.39Y	123.1	0.00	2.91	0.00	0	0	0	100	0.00	0.0	2.679	0.000	0	0	0	0		
510730	PL.6525	B	Consumer	7.39Y	123.1	0.00	2.91	2.53	0	17	8	90	0.00	0.0	2.664	0.000	17	8	1	1		
510716	PL.6525	C	Consumer	7.38Y	122.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	2.664	0.000	0	0	0	0		
510706	PL.6525	B	Consumer	7.39Y	123.1	0.00	2.91	1.34	0	9	4	91	0.00	0.0	2.664	0.000	9	4	1	1		
509626	PL.12761	B	Consumer	7.39Y	123.1	0.00	2.89	0.02	0	0	0	100	0.00	0.0	2.571	0.000	0	0	1	1		
5107036	PL.12761	A	Consumer	7.27Y	121.2	0.00	4.78	0.00	0	0	0	100	0.00	0.0	2.571	0.000	0	0	0	0		
510617	PL.12761	A	Consumer	7.27Y	121.2	0.00	4.78	0.16	0	1	1	71	0.00	0.0	2.571	0.000	1	1	1	1		
510725	PL.12761	A	Consumer	7.27Y	121.2	0.00	4.78	0.00	0	0	0	100	0.00	0.0	2.571	0.000	0	0	0	0		
510612	PL.12761	A	Consumer	7.27Y	121.2	0.00	4.78	0.73	0	5	2	93	0.00	0.0	2.571	0.000	5	2	1	1		
511715	PL.12761	C	Consumer	7.38Y	122.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	2.571	0.000	0	0	0	0		
510720	PL.12761	A	Consumer	7.27Y	121.2	0.00	4.78	0.91	0	6	2	95	0.00	0.0	2.571	0.000	6	2	1	1		
510702	PL.12761	A	Consumer	7.27Y	121.2	0.00	4.78	0.26	0	2	1	89	0.00	0.0	2.571	0.000	2	1	1	1		
510622	PL.12763	B	Consumer	7.39Y	123.1	0.00	2.88	0.29	0	2	1	89	0.00	0.0	2.535	0.000	2	1	1	1		
510621	PL.12763	B	Consumer	7.39Y	123.1	0.00	2.88	1.70	0	11	5	91	0.00	0.0	2.535	0.000	11	5	1	1		
510609	PL.12763	B	Consumer	7.39Y	123.1	0.00	2.88	0.00	0	0	0	100	0.00	0.0	2.535	0.000	0	0	0	0		
510620	PL.12763	B	Consumer	7.39Y	123.1	0.00	2.88	0.00	0	0	0	100	0.00	0.0	2.535	0.000	0	0	1	1		
510605	PL.12763	B	Consumer	7.39Y	123.1	0.00	2.88	0.36	0	2	1	89	0.00	0.0	2.535	0.000	2	1	1	1		
510614	PL.12763	B	Consumer	7.39Y	123.1	0.00	2.88	0.38	0	3	1	95	0.00	0.0	2.535	0.000	3	1	1	1		
PL.3446	PL.12765	C	4ACSR	7.38Y	122.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	2.551	0.028	0	0	0	0		
510615	PL.12765	A B C	Consumer	7.27Y 7.39Y 7.38Y	121.2 123.1 122.9	0.00 0.00 0.00	4.78 2.88 3.06	0.82 0.80 0.80	0 0 0	5 5 5	3 3 3	86 90 90	0.00 0.00 0.00	0.0 0.0 0.0	2.523	0.000	5 5 5	3 3 3	0 0 0	0 0 0		
510623	PL.12765	A	Consumer	7.27Y	121.2	0.00	4.78	1.54	0	11	4	94	0.00	0.0	2.523	0.000	11	4	1	1		
PL.6523	PL.12764	A B C	336ACSR	7.27Y 7.39Y 7.38Y	121.2 123.1 122.9	-0.00 0.00 0.00	4.78 2.88 3.06	0.78 0.21 8.19	0 0 2	5 1 56	2 1 23	93 94 92	0.00 0.00 0.00	0.0 0.0 0.0	2.534	0.036	0 0 0	0 0 0	0 0 0	1 1 8		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.6524	PL.6523	A	336ACSR	7.27Y	121.2	-0.00	4.77	0.78	0	5	2	93	0.00	0.0	2.562	0.028	0	0	0	1
		B		7.39Y	123.1	0.00	2.88	0.21	0	1	1	94					0	0	0	1
		C		7.38Y	122.9	0.00	3.07	8.19	2	56	23	92					0	0	0	8
PL.40418	PL.6524	A	336ACSR	7.27Y	121.2	-0.00	4.77	0.78	0	5	2	93	0.00	0.0	2.597	0.036	0	0	0	1
		B		7.39Y	123.1	0.00	2.88	0.21	0	1	1	94					0	0	0	1
		C		7.38Y	122.9	0.00	3.07	8.19	2	56	23	92					0	0	0	8
509620	PL.40418	C	Consumer	7.38Y	122.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	2.597	0.000	0	0	0	0
509705	PL.40418	C	Consumer	7.38Y	122.9	0.00	3.07	1.19	0	8	3	94	0.00	0.0	2.597	0.000	8	3	1	1
509708	PL.40418	C	Consumer	7.38Y	122.9	0.00	3.07	3.34	0	22	11	89	0.00	0.0	2.597	0.000	22	11	1	1
509706	PL.40418	C	Consumer	7.38Y	122.9	0.00	3.07	0.46	0	3	1	95	0.00	0.0	2.597	0.000	3	1	1	1
509703	PL.40418	C	Consumer	7.38Y	122.9	0.00	3.07	0.84	0	6	2	95	0.00	0.0	2.597	0.000	6	2	1	1
509702	PL.40418	C	Consumer	7.38Y	122.9	0.00	3.07	0.80	0	6	2	95	0.00	0.0	2.597	0.000	6	2	1	1
509709	PL.40418	C	Consumer	7.38Y	122.9	0.00	3.07	0.17	0	1	1	71	0.00	0.0	2.597	0.000	1	1	1	1
509619	PL.40418	A	Consumer	7.27Y	121.2	0.00	4.77	0.78	0	5	2	93	0.00	0.0	2.597	0.000	5	2	1	1
		C		7.38Y	122.9	0.00	3.07	0.77	0	5	2	90					5	2	1	1
509704	PL.40418	C	Consumer	7.38Y	122.9	0.00	3.07	0.64	0	4	2	89	0.00	0.0	2.597	0.000	4	2	1	1
509707	PL.40418	B	Consumer	7.39Y	123.1	0.00	2.88	0.21	0	1	1	71	0.00	0.0	2.597	0.000	1	1	1	1
PL.7359	PL.12246	A	4ACSR	7.27Y	121.2	0.00	4.78	3.45	3	23	11	90	0.00	0.0	2.448	0.016	0	0	0	3
509615	PL.7359	A	Consumer	7.27Y	121.2	0.00	4.78	1.78	0	12	6	89	0.00	0.0	2.448	0.000	12	6	1	1
509601	PL.7359	A	Consumer	7.27Y	121.2	0.00	4.78	1.18	0	8	4	89	0.00	0.0	2.448	0.000	8	4	1	1
PL.7360	PL.7359	A	4ACSR	7.27Y	121.2	0.00	4.78	0.49	0	3	1	95	0.00	0.0	2.453	0.006	0	0	0	1
PL.3447	PL.7360	A	4ACSR	7.27Y	121.2	0.00	4.78	0.49	0	3	1	95	0.00	0.0	2.497	0.044	0	0	0	1
510601	PL.3447	A	Consumer	7.27Y	121.2	0.00	4.78	0.49	0	3	1	95	0.00	0.0	2.497	0.000	3	1	1	1
509507	PL.12245	A	Consumer	7.27Y	121.2	0.00	4.77	1.22	0	8	3	94	0.00	0.0	2.378	0.000	8	3	1	1
509506	PL.12245	A	Consumer	7.27Y	121.2	0.00	4.77	0.84	0	6	2	95	0.00	0.0	2.378	0.000	6	2	1	1
509504	PL.12245	C	Consumer	7.38Y	123.0	0.00	3.04	0.23	0	2	1	89	0.00	0.0	2.378	0.000	2	1	1	1
5095010	PL.12245	A	Consumer	7.27Y	121.2	0.00	4.77	0.40	0	3	1	95	0.00	0.0	2.378	0.000	3	1	1	1
PL.7370	PL.12719	C	4ACSR	7.38Y	123.0	0.00	3.04	12.56	11	87	31	94	0.00	0.0	2.332	0.005	0	0	0	17
509502	PL.7370	C	Consumer	7.38Y	123.0	0.00	3.04	1.25	0	9	3	95	0.00	0.0	2.332	0.000	9	3	1	1
PL.12242	PL.7370	C	4ACSR	7.38Y	122.9	0.02	3.06	11.31	10	79	28	94	0.01	0.0	2.376	0.044	0	0	0	16
PL.12243	PL.12242	C	4ACSR	7.38Y	122.9	0.00	3.06	0.01	0	0	0	100	0.00	0.0	2.434	0.058	0	0	0	2
PL.3213	PL.12243	C	4ACSR	7.38Y	122.9	0.00	3.06	0.01	0	0	0	100	0.00	0.0	2.531	0.097	0	0	0	2
PL.40723	PL.3213	C	4ACSR	7.38Y	122.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	2.582	0.052	0	0	0	0
507601	PL.40723	C	Consumer	7.38Y	122.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	2.582	0.000	0	0	0	0
508701	PL.3213	C	Consumer	7.38Y	122.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	2.531	0.000	0	0	1	1
PL.40724	PL.3213	C	2ACSR	7.38Y	122.9	0.00	3.06	0.01	0	0	0	100	0.00	0.0	2.627	0.096	0	0	0	1
5087002	PL.40724	C	Consumer	7.38Y	122.9	0.00	3.06	0.01	0	0	0	100	0.00	0.0	2.627	0.000	0	0	1	1
PL.19788	PL.12242	C	4ACSR	7.37Y	122.9	0.03	3.09	6.51	5	45	17	94	0.01	0.0	2.462	0.086	0	0	0	9
PL.30931	PL.19788	C	4ACSR	7.37Y	122.9	0.00	3.09	5.03	4	35	13	94	0.00	0.0	2.472	0.010	0	0	0	7
509616	PL.30931	C	Consumer	7.37Y	122.9	0.00	3.09	0.15	0	1	0	100	0.00	0.0	2.472	0.000	1	0	1	1
509623	PL.30931	C	Consumer	7.37Y	122.9	0.00	3.09	1.03	0	7	3	92	0.00	0.0	2.472	0.000	7	3	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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							
5096027	PL.30931	C	Consumer	7.37Y	122.9	0.00	3.09	0.56	0	4	1	97	0.00	0.0	2.472	0.000	4	1	1	1
509614	PL.30931	C	Consumer	7.37Y	122.9	0.00	3.09	0.75	0	5	2	93	0.00	0.0	2.472	0.000	5	2	1	1
PL.30932	PL.30931	C	4ACSR	7.37Y	122.9	0.00	3.09	2.55	2	18	6	95	0.00	0.0	2.484	0.012	0	0	0	3
509605	PL.30932	C	Consumer	7.37Y	122.9	0.00	3.09	0.05	0	0	0	100	0.00	0.0	2.484	0.000	0	0	1	1
509613	PL.30932	C	Consumer	7.37Y	122.9	0.00	3.09	0.99	0	7	2	96	0.00	0.0	2.484	0.000	7	2	1	1
509621	PL.30932	C	Consumer	7.37Y	122.9	0.00	3.09	1.51	0	11	4	94	0.00	0.0	2.484	0.000	11	4	1	1
509608	PL.19788	C	Consumer	7.37Y	122.9	0.00	3.09	0.51	0	4	1	97	0.00	0.0	2.462	0.000	4	1	1	1
509624	PL.19788	C	Consumer	7.37Y	122.9	0.00	3.09	0.96	0	7	2	96	0.00	0.0	2.462	0.000	7	2	1	1
PL.7373	PL.12242	C	4ACSR	7.38Y	122.9	0.01	3.07	4.68	4	33	11	95	0.00	0.0	2.412	0.036	0	0	0	4
508504	PL.7373	C	Consumer	7.38Y	122.9	0.00	3.07	0.73	0	5	2	93	0.00	0.0	2.412	0.000	5	2	1	1
PL.5796	PL.7373	C	4ACSR	7.38Y	122.9	0.00	3.07	3.94	3	27	10	94	0.00	0.0	2.434	0.022	0	0	0	3
508501	PL.5796	C	Consumer	7.38Y	122.9	0.00	3.07	1.21	0	8	3	94	0.00	0.0	2.434	0.000	8	3	1	1
508503	PL.5796	C	Consumer	7.38Y	122.9	0.00	3.07	1.73	0	12	4	95	0.00	0.0	2.434	0.000	12	4	1	1
508502	PL.5796	C	Consumer	7.38Y	122.9	0.00	3.07	1.00	0	7	2	96	0.00	0.0	2.434	0.000	7	2	1	1
509503	PL.12242	C	Consumer	7.38Y	122.9	0.00	3.06	0.11	0	1	0	100	0.00	0.0	2.376	0.000	1	0	1	1
508403	PL.12717	B	Consumer	7.39Y	123.1	0.00	2.85	0.20	0	1	0	100	0.00	0.0	2.234	0.000	1	0	1	1
508412	PL.12717	B	Consumer	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	2.234	0.000	0	0	1	1
PL.3211	PL.15803	A	4ACSR	7.27Y	121.2	0.01	4.76	1.59	1	11	4	94	0.00	0.0	2.239	0.086	0	0	0	2
508405	PL.3211	A	Consumer	7.27Y	121.2	0.00	4.76	0.47	0	3	1	95	0.00	0.0	2.239	0.000	3	1	1	1
508406	PL.3211	A	Consumer	7.27Y	121.2	0.00	4.76	1.12	0	8	3	94	0.00	0.0	2.239	0.000	8	3	1	1
PL.3212	PL.15803	A	4ACSR	7.27Y	121.2	0.00	4.75	0.00	0	0	0	100	0.00	0.0	2.196	0.042	0	0	0	0
507316	PL.15805	C	Consumer	7.38Y	123.0	0.00	2.96	2.02	0	14	5	94	0.00	0.0	2.083	0.000	14	5	1	1
507304	PL.15805	C	Consumer	7.38Y	123.0	0.00	2.96	1.04	0	7	3	92	0.00	0.0	2.083	0.000	7	3	1	1
507315	PL.15805	C	Consumer	7.38Y	123.0	0.00	2.96	0.58	0	4	1	97	0.00	0.0	2.083	0.000	4	1	1	1
507308	PL.15805	C	Consumer	7.38Y	123.0	0.00	2.96	2.68	0	18	9	89	0.00	0.0	2.083	0.000	18	9	1	1
507325	PL.12714	B	Consumer	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	2.054	0.000	0	0	1	1
507317	PL.12714	B	Consumer	7.39Y	123.2	0.00	2.83	0.58	0	4	2	89	0.00	0.0	2.054	0.000	4	2	1	1
507201	PL.20197	B	Consumer	7.39Y	123.2	0.00	2.81	0.91	0	6	2	95	0.00	0.0	1.943	0.000	6	2	1	1
507207	PL.20197	B	Consumer	7.39Y	123.2	0.00	2.81	1.06	0	7	3	92	0.00	0.0	1.943	0.000	7	3	1	1
507202	PL.20197	B	Consumer	7.39Y	123.2	0.00	2.81	0.68	0	5	2	93	0.00	0.0	1.943	0.000	5	2	1	1
507203	PL.20197	B	Consumer	7.39Y	123.2	0.00	2.81	0.18	0	1	0	100	0.00	0.0	1.943	0.000	1	0	1	1
628019	PL.12708	A	Consumer	7.29Y	121.6	0.00	4.45	3.21	0	21	10	90	0.00	0.0	1.802	0.000	21	10	0	0
		B		7.39Y	123.2	0.00	2.80	3.17	0	21	10	90					21	10	0	0
		C		7.40Y	123.3	0.00	2.70	3.16	0	21	10	90					21	10	0	0
6280024	PL.12708	B	Consumer	7.39Y	123.2	0.00	2.80	0.06	0	0	0	100	0.00	0.0	1.802	0.000	0	0	1	1
507101	PL.12708	A	Consumer	7.29Y	121.6	0.00	4.45	0.00	0	0	0	100	0.00	0.0	1.802	0.000	0	0	0	0
		B		7.39Y	123.2	0.00	2.80	0.00	0	0	0	100					0	0	0	0
		C		7.40Y	123.3	0.00	2.70	0.00	0	0	0	100					0	0	0	0
PL.16217	PL.20753	A	4/0ACSR	7.30Y	121.6	0.00	4.38	1.40	0	9	4	91	0.00	0.0	1.767	0.006	0	0	0	0
		B		7.39Y	123.2	0.00	2.79	1.38	0	9	4	90					0	0	0	0
		C		7.40Y	123.3	0.00	2.66	1.38	0	9	4	90					0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----			
							-Base Voltage:120.0-												KW	KVAR	Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss								
PD.2927	PL.16217	A	fuse6AMP	7.30Y	121.6	0.00	4.38	1.40	24	9	4	91	0.00	0.0	1.767	0.000	0	0	0	0		
		B		7.39Y	123.2	0.00	2.79	1.38	24	9	4	90					0	0	0	0		
		C		7.40Y	123.3	0.00	2.66	1.38	24	9	4	90					0	0	0	0		
PL.16218	PD.2927	A	4/0ACSR	7.30Y	121.6	0.00	4.38	1.40	0	9	4	91	0.00	0.0	1.825	0.058	0	0	0	0		
		B		7.39Y	123.2	0.00	2.79	1.38	0	9	4	90					0	0	0	0		
		C		7.40Y	123.3	0.00	2.66	1.38	0	9	4	90					0	0	0	0		
627004	PL.16218	A	Consumer	7.30Y	121.6	0.00	4.38	1.40	0	9	4	91	0.00	0.0	1.825	0.000	9	4	0	0		
		B		7.39Y	123.2	0.00	2.79	1.38	0	9	4	90					9	4	0	0		
		C		7.40Y	123.3	0.00	2.66	1.38	0	9	4	90					9	4	0	0		
PL.12699	PL.12698	A	4/0ACSR	7.30Y	121.7	0.00	4.27	3.62	1	22	14	84	0.01	0.0	1.715	0.028	0	0	0	0		
		B		7.39Y	123.2	0.01	2.78	23.63	8	156	79	89					0	0	0	6		
		C		7.41Y	123.4	-0.00	2.57	6.07	2	40	21	88					0	0	0	3		
PL.28982	PL.12699	A	4/0ACSR	7.30Y	121.7	0.00	4.27	3.62	1	22	14	84	0.01	0.0	1.747	0.033	0	0	0	0		
		B		7.39Y	123.2	0.01	2.80	23.63	8	156	79	89					0	0	0	6		
		C		7.41Y	123.4	-0.00	2.57	5.19	2	33	19	87					0	0	0	2		
PL.28983	PL.28982	A	4/0ACSR	7.30Y	121.7	0.00	4.27	0.00	0	0	0	100	0.00	0.0	1.755	0.008	0	0	0	0		
		B		7.39Y	123.2	0.00	2.80	20.07	7	134	65	90					0	0	0	6		
		C		7.41Y	123.4	-0.00	2.57	1.63	1	11	5	91					0	0	0	2		
PL.21159	PL.28983	A	4/0ACSR	7.30Y	121.7	0.00	4.27	0.00	0	0	0	100	0.01	0.0	1.788	0.033	0	0	0	0		
		B		7.39Y	123.2	0.01	2.81	17.16	6	114	55	90					0	0	0	5		
		C		7.41Y	123.4	-0.00	2.57	1.63	1	11	5	91					0	0	0	2		
PL.12700	PL.21159	A	4/0ACSR	7.30Y	121.7	0.00	4.27	0.00	0	0	0	100	0.00	0.0	1.812	0.024	0	0	0	0		
		B		7.39Y	123.2	0.01	2.82	17.16	6	114	55	90					0	0	0	5		
		C		7.41Y	123.4	-0.00	2.56	0.00	0	0	0	100					0	0	0	0		
PL.20560	PL.12700	A	4/0ACSR	7.30Y	121.7	0.00	4.27	0.00	0	0	0	100	0.00	0.0	1.818	0.006	0	0	0	0		
		B		7.39Y	123.2	0.00	2.82	17.16	6	114	55	90					0	0	0	5		
		C		7.41Y	123.4	-0.00	2.56	0.00	0	0	0	100					0	0	0	0		
629003	PL.20560	B	Consumer	7.39Y	123.2	0.00	2.82	3.33	0	22	11	89	0.00	0.0	1.818	0.000	22	11	1	1		
PL.30975	PL.20560	B	4ACSR	7.39Y	123.2	0.00	2.83	13.70	12	91	44	90	0.00	0.0	1.826	0.008	0	0	0	3		
C PD.2934	PL.30975	B	fuse6AMP	7.39Y	123.2	0.00	2.83	13.70	234	91	44	90	0.00	0.0	1.826	0.000	0	0	0	3 C		
PL.30976	PD.2934	B	4ACSR	7.39Y	123.1	0.03	2.86	13.70	12	91	44	90	0.02	0.0	1.879	0.053	0	0	0	3		
629004	PL.30976	B	Consumer	7.39Y	123.1	0.00	2.86	4.11	0	27	13	90	0.00	0.0	1.879	0.000	27	13	1	1		
629002	PL.30976	B	Consumer	7.39Y	123.1	0.00	2.86	5.73	0	38	18	90	0.00	0.0	1.879	0.000	38	18	1	1		
629001	PL.30976	B	Consumer	7.39Y	123.1	0.00	2.86	3.87	0	26	12	91	0.00	0.0	1.879	0.000	26	12	1	1		
PL.12701	PL.20560	A	4/0ACSR	7.30Y	121.7	0.00	4.27	0.00	0	0	0	100	0.00	0.0	1.952	0.134	0	0	0	0		
		B		7.39Y	123.2	0.00	2.82	0.12	0	1	0	94					0	0	0	1		
		C		7.41Y	123.4	-0.00	2.56	0.00	0	0	0	100					0	0	0	0		
620001	PL.12701	B	Consumer	7.39Y	123.2	0.00	2.82	0.12	0	1	0	100	0.00	0.0	1.952	0.000	1	0	1	1		
PL.3861	PL.21159	C	1/0EPRJCN	7.41Y	123.4	0.00	2.57	1.63	1	11	5	91	0.00	0.0	1.828	0.040	0	0	0	2		
629005	PL.3861	C	Consumer	7.41Y	123.4	0.00	2.57	1.64	0	11	5	91	0.00	0.0	1.828	0.000	0	0	1	2		
6290007	629005	C	Consumer	7.41Y	123.4	0.00	2.57	1.64	0	11	5	91	0.00	0.0	1.828	0.000	11	5	1	1		
628021	PL.28983	B	Consumer	7.39Y	123.2	0.00	2.80	2.92	0	19	9	90	0.00	0.0	1.755	0.000	19	9	1	1		
628023	PL.28982	A	Consumer	7.30Y	121.7	0.00	4.27	3.62	0	22	14	84	0.00	0.0	1.747	0.000	22	14	0	0		
		B		7.39Y	123.2	0.00	2.80	3.58	0	22	14	85					22	14	0	0		
		C		7.41Y	123.4	0.00	2.57	3.57	0	22	14	85					22	14	0	0		
PL.24337	PL.12699	C	4ACSR	7.41Y	123.4	0.00	2.58	0.89	1	6	2	95	0.00	0.0	1.772	0.057	0	0	0	1		
628008	PL.24337	C	Consumer	7.41Y	123.4	0.00	2.58	0.89	0	6	2	95	0.00	0.0	1.772	0.000	6	2	1	1		
PL.16209	PL.12698	C	4ACSR	7.41Y	123.4	0.00	2.58	1.69	1	12	4	95	0.00	0.0	1.687	0.001	0	0	0	5		
PD.2923	PL.16209	C	fuse8AMP	7.41Y	123.4	0.00	2.58	1.69	23	12	4	95	0.00	0.0	1.687	0.000	0	0	0	5		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.16208	PD.2923	C	4ACSR	7.41Y	123.4	0.00	2.58	1.69	1	12	4	95	0.00	0.0	1.693	0.006	0	0	0	5
628001	PL.16208	C	Consumer	7.41Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	1.693	0.000	0	0	1	1
628017	PL.16208	C	Consumer	7.41Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	1.693	0.000	0	0	0	0
PL.12702	PL.16208	C	4ACSR	7.41Y	123.4	0.01	2.58	1.69	1	12	4	95	0.00	0.0	1.759	0.066	0	0	0	4
PL.16212	PL.12702	C	4ACSR	7.41Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	1.765	0.006	0	0	0	0
PD.2357-B	PL.16212	C	Open	7.41Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	1.765	0.000	0	0	0	0
PL.38915	PL.12702	C	4ACSR	7.41Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	1.762	0.003	0	0	0	0
PD.6767	PL.38915	C	fuse6AMP	7.41Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	1.762	0.000	0	0	0	0
PL.38916	PD.6767	C	4ACSR	7.41Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	1.822	0.060	0	0	0	0
627003	PL.12702	C	Consumer	7.41Y	123.4	0.00	2.58	0.40	0	3	1	95	0.00	0.0	1.759	0.000	3	1	1	1
627007	PL.12702	C	Consumer	7.41Y	123.4	0.00	2.58	0.55	0	4	1	97	0.00	0.0	1.759	0.000	4	1	1	1
627001	PL.12702	C	Consumer	7.41Y	123.4	0.00	2.58	0.23	0	2	1	89	0.00	0.0	1.759	0.000	2	1	1	1
627008	PL.12702	C	Consumer	7.41Y	123.4	0.00	2.58	0.51	0	4	1	97	0.00	0.0	1.759	0.000	4	1	1	1
627912	PL.7279	B	Consumer	7.40Y	123.3	0.00	2.75	0.43	0	3	1	95	0.00	0.0	1.652	0.000	3	1	1	1
6279025	PL.7279	B	Consumer	7.40Y	123.3	0.00	2.75	0.00	0	0	0	100	0.00	0.0	1.652	0.000	0	0	0	0
PL.16206	PL.12642	A	4/0ACSR	7.31Y	121.9	0.00	4.14	2.30	1	15	7	91	0.00	0.0	1.616	0.006	0	0	0	1
		B		7.40Y	123.3	0.00	2.72	6.03	2	41	18	92					0	0	0	8
		C		7.41Y	123.5	0.00	2.50	3.69	1	25	10	93					0	0	0	5
PD.2916	PL.16206	A	fuse10AMP	7.31Y	121.9	0.00	4.14	2.30	24	15	7	91	0.00	0.0	1.616	0.000	0	0	0	1
		B		7.40Y	123.3	0.00	2.72	6.03	63	41	18	92					0	0	0	8
		C		7.41Y	123.5	0.00	2.50	3.69	39	25	10	93					0	0	0	5
PL.16207	PD.2916	A	4/0ACSR	7.31Y	121.9	0.00	4.14	2.30	1	15	7	91	0.00	0.0	1.629	0.013	0	0	0	1
		B		7.40Y	123.3	0.00	2.72	6.03	2	41	18	92					0	0	0	8
		C		7.41Y	123.5	0.00	2.50	3.69	1	25	10	93					0	0	0	5
627901	PL.16207	A	Consumer	7.31Y	121.9	0.00	4.14	0.75	0	5	2	93	0.00	0.0	1.629	0.000	5	2	1	1
627902	PL.16207	C	Consumer	7.41Y	123.5	0.00	2.50	0.18	0	1	0	100	0.00	0.0	1.629	0.000	1	0	1	1
PL.12696	PL.16207	A	4/0ACSR	7.31Y	121.9	0.00	4.14	1.56	1	10	5	89	0.00	0.0	1.636	0.007	0	0	0	0
		B		7.40Y	123.3	0.00	2.72	6.03	2	41	18	92					0	0	0	8
		C		7.41Y	123.5	0.00	2.50	3.51	1	24	10	93					0	0	0	4
627910	PL.12696	A	Consumer	7.31Y	121.9	0.00	4.14	1.56	0	10	5	89	0.00	0.0	1.636	0.000	10	5	0	0
		B		7.40Y	123.3	0.00	2.72	1.54	0	10	5	90					10	5	0	0
		C		7.41Y	123.5	0.00	2.50	1.53	0	10	5	90					10	5	0	0
PL.12697	PL.12696	A	4/0ACSR	7.31Y	121.9	-0.00	4.14	0.00	0	0	0	100	0.00	0.0	1.644	0.008	0	0	0	0
		B		7.40Y	123.3	0.00	2.72	4.50	2	31	13	93					0	0	0	8
		C		7.41Y	123.5	-0.00	2.50	1.98	1	14	5	94					0	0	0	4
PL.27715	PL.12697	B	4ACSR	7.40Y	123.3	0.00	2.72	3.13	3	21	9	92	0.00	0.0	1.650	0.006	0	0	0	4
PD.2924	PL.27715	B	fuse6AMP	7.40Y	123.3	0.00	2.72	3.13	53	21	9	92	0.00	0.0	1.650	0.000	0	0	0	4
PL.27714	PD.2924	B	4ACSR	7.40Y	123.3	0.00	2.72	3.13	3	21	9	92	0.00	0.0	1.670	0.020	0	0	0	4
PL.6949	PL.27714	B	4ACSR	7.40Y	123.3	0.00	2.73	3.13	3	21	9	92	0.00	0.0	1.702	0.031	0	0	0	4
PL.6948	PL.6949	B	4ACSR	7.40Y	123.3	0.00	2.73	2.95	2	20	9	91	0.00	0.0	1.712	0.011	0	0	0	3
627801	PL.6948	B	Consumer	7.40Y	123.3	0.00	2.73	1.13	0	8	4	89	0.00	0.0	1.712	0.000	8	4	1	1
627805	PL.6948	B	Consumer	7.40Y	123.3	0.00	2.73	1.12	0	8	3	94	0.00	0.0	1.712	0.000	8	3	1	1
627808	PL.6948	B	Consumer	7.40Y	123.3	0.00	2.73	0.71	0	5	2	93	0.00	0.0	1.712	0.000	5	2	1	1
627807	PL.6949	B	Consumer	7.40Y	123.3	0.00	2.73	0.18	0	1	1	71	0.00	0.0	1.702	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.6950	PL.12697	B	4ACSR	7.40Y	123.3	0.00	2.72	1.37	1	10	3	96	0.00	0.0	1.692	0.048	0	0	0	4
627911	PL.6950	B	Consumer	7.40Y	123.3	0.00	2.72	0.72	0	5	2	93	0.00	0.0	1.692	0.000	5	2	1	1
PL.6951	PL.6950	B	4ACSR	7.40Y	123.3	0.00	2.72	0.65	1	5	2	93	0.00	0.0	1.766	0.074	0	0	0	3
628909	PL.6951	B	Consumer	7.40Y	123.3	0.00	2.72	0.04	0	0	0	100	0.00	0.0	1.766	0.000	0	0	1	1
628901	PL.6951	B	Consumer	7.40Y	123.3	0.00	2.72	0.36	0	3	1	95	0.00	0.0	1.766	0.000	3	1	1	1
628907	PL.6951	B	Consumer	7.40Y	123.3	0.00	2.72	0.25	0	2	1	89	0.00	0.0	1.766	0.000	2	1	1	1
PL.27716	PL.12697	C	4ACSR	7.41Y	123.5	0.00	2.50	1.98	2	14	5	94	0.00	0.0	1.649	0.005	0	0	0	4
PD.2925	PL.27716	C	fuse6AMP	7.41Y	123.5	0.00	2.50	1.98	34	14	5	94	0.00	0.0	1.649	0.000	0	0	0	4
PL.27717	PD.2925	C	4ACSR	7.41Y	123.5	0.00	2.50	1.98	2	14	5	94	0.00	0.0	1.690	0.041	0	0	0	4
PL.24328	PL.27717	C	4ACSR	7.41Y	123.5	0.01	2.50	0.93	1	6	2	95	0.00	0.0	1.819	0.129	0	0	0	1
628904	PL.24328	C	Consumer	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	1.819	0.000	0	0	0	0
628906	PL.24328	C	Consumer	7.41Y	123.5	0.00	2.50	0.93	0	6	2	95	0.00	0.0	1.819	0.000	6	2	1	1
PL.24336	PL.27717	C	4ACSR	7.41Y	123.5	0.00	2.50	1.06	1	7	3	92	0.00	0.0	1.701	0.011	0	0	0	3
627907	PL.24336	C	Consumer	7.41Y	123.5	0.00	2.50	0.02	0	0	0	100	0.00	0.0	1.701	0.000	0	0	1	1
628018	PL.24336	C	Consumer	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	1.701	0.000	0	0	0	0
627903	PL.24336	C	Consumer	7.41Y	123.5	0.00	2.50	0.98	0	7	2	96	0.00	0.0	1.701	0.000	7	2	1	1
627905	PL.24336	C	Consumer	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	1.701	0.000	0	0	0	0
627908	PL.24336	C	Consumer	7.41Y	123.5	0.00	2.50	0.06	0	0	0	100	0.00	0.0	1.701	0.000	0	0	1	1
PL.24338	PL.12642	B	4ACSR	7.40Y	123.3	0.00	2.72	1.05	1	7	3	92	0.00	0.0	1.622	0.012	0	0	0	1
626906	PL.24338	B	Consumer	7.40Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	1.622	0.000	0	0	0	0
626903	PL.24338	B	Consumer	7.40Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	1.622	0.000	0	0	0	0
626905	PL.24338	B	Consumer	7.40Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	1.622	0.000	0	0	0	0
626902	PL.24338	B	Consumer	7.40Y	123.3	0.00	2.72	1.05	0	7	3	92	0.00	0.0	1.622	0.000	7	3	1	1
P CP.24	PL.19376	A	Cap (150)	7.33Y	122.1	0.00	3.88	-7.07	0	0	-52	0	0.00	0.0	1.454	0.000	0	0	0	0
		B		7.41Y	123.4	0.00	2.55	-7.14	0	0	-53	0					0	0	0	0
		C		7.42Y	123.7	0.00	2.32	-7.16	0	0	-53	0					0	0	0	0
627702	PL.26229	B	Consumer	7.42Y	123.6	0.00	2.41	1.12	0	8	3	94	0.00	0.0	1.354	0.000	8	3	1	1
627601	PL.26229	B	Consumer	7.42Y	123.6	0.00	2.41	0.52	0	4	1	97	0.00	0.0	1.354	0.000	4	1	1	1
PL.24340	PL.15965	C	4ACSR	7.43Y	123.8	0.01	2.18	2.41	2	17	7	92	0.00	0.0	1.370	0.055	0	0	0	3
626709	PL.24340	C	Consumer	7.43Y	123.8	0.00	2.18	1.32	0	9	4	91	0.00	0.0	1.370	0.000	9	4	1	1
626705	PL.24340	C	Consumer	7.43Y	123.8	0.00	2.18	1.08	0	8	3	94	0.00	0.0	1.370	0.000	8	3	1	1
626710	PL.24340	C	Consumer	7.43Y	123.8	0.00	2.18	0.01	0	0	0	100	0.00	0.0	1.370	0.000	0	0	1	1
626620	PL.19038	B	Consumer	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	1.195	0.000	0	0	1	1
626617	PL.19038	B	Consumer	7.43Y	123.8	0.00	2.17	0.29	0	2	1	89	0.00	0.0	1.195	0.000	2	1	1	1
626607	PL.19038	B	Consumer	7.43Y	123.8	0.00	2.17	0.58	0	4	1	97	0.00	0.0	1.195	0.000	4	1	1	1
626619	PL.19038	B	Consumer	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	1.195	0.000	0	0	0	0
6266022	PL.19038	B	Consumer	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	1.195	0.000	0	0	1	1
626618	PL.19038	B	Consumer	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	1.195	0.000	0	0	1	1
PL.15970	PL.16203	B	4ACSR	7.47Y	124.4	0.00	1.58	0.58	0	4	1	97	0.00	0.0	0.847	0.006	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.1681	PL.22109	A	4ACSR	7.49Y	124.8	0.00	1.18	1.65	1	12	4	95	0.00	0.0	0.545	0.038	0	0	0	2
0194108	PL.1681	A	Consumer	7.49Y	124.8	0.00	1.18	0.68	0	5	2	93	0.00	0.0	0.545	0.000	5	2	1	1
PL.1684	PL.1681	A	4ACSR	7.49Y	124.8	0.00	1.18	0.97	1	7	2	96	0.00	0.0	0.603	0.058	0	0	0	1
0194111	PL.1684	A	Consumer	7.49Y	124.8	0.00	1.18	0.97	0	7	2	96	0.00	0.0	0.603	0.000	7	2	1	1
019405	PL.22109	A	Consumer	7.49Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	0.507	0.000	0	0	1	1
PL.1644	PL.22109	A	4ACSR	7.49Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	0.619	0.111	0	0	0	0
PL.6098	PL.22109	A	4ACSR	7.49Y	124.8	0.05	1.23	19.10	16	135	47	94	0.05	0.0	0.570	0.063	0	0	0	32
PL.10960	PL.6098	A	4ACSR	7.48Y	124.7	0.02	1.25	18.33	15	130	45	94	0.02	0.0	0.594	0.024	0	0	0	29
PL.10959	PL.10960	A	4ACSR	7.48Y	124.7	0.02	1.27	17.29	15	122	43	94	0.01	0.0	0.613	0.020	0	0	0	28
PL.10958	PL.10959	A	4ACSR	7.48Y	124.7	0.04	1.31	17.29	15	122	43	94	0.04	0.0	0.663	0.049	0	0	0	28
PL.10957	PL.10958	A	4ACSR	7.48Y	124.6	0.04	1.35	15.21	13	107	38	94	0.04	0.0	0.727	0.065	0	0	0	26
PL.11548	PL.10957	A	4ACSR	7.48Y	124.6	0.02	1.37	14.31	12	101	35	94	0.01	0.0	0.754	0.026	0	0	0	24
0194107	PL.11548	A	Consumer	7.48Y	124.6	0.00	1.37	0.74	0	5	2	93	0.00	0.0	0.754	0.000	5	2	1	1
PL.11550	PL.11548	A	4ACSR	7.47Y	124.6	0.05	1.42	13.57	11	96	33	95	0.04	0.0	0.842	0.088	0	0	0	23
PL.38702	PL.11550	A	4ACSR	7.47Y	124.6	0.00	1.42	0.82	1	6	2	95	0.00	0.0	0.849	0.008	0	0	0	2
PL.38703	PL.38702	A	4ACSR	7.47Y	124.6	0.00	1.43	0.82	1	6	2	95	0.00	0.0	0.894	0.045	0	0	0	2
0194114	PL.38703	A	Consumer	7.47Y	124.6	0.00	1.43	0.24	0	2	1	89	0.00	0.0	0.894	0.000	2	1	1	1
019445	PL.38703	A	Consumer	7.47Y	124.6	0.00	1.43	0.58	0	4	1	97	0.00	0.0	0.894	0.000	4	1	1	1
019484	PL.38703	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	0.894	0.000	0	0	0	0
019488	PL.38703	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	0.894	0.000	0	0	0	0
PL.11549	PL.11550	A	4ACSR	7.47Y	124.6	0.00	1.43	1.75	1	12	4	95	0.00	0.0	0.901	0.059	0	0	0	5
019486	PL.11549	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	0.901	0.000	0	0	0	0
019440	PL.11549	A	Consumer	7.47Y	124.6	0.00	1.43	0.53	0	4	1	97	0.00	0.0	0.901	0.000	4	1	1	1
019409	PL.11549	A	Consumer	7.47Y	124.6	0.00	1.43	0.73	0	5	2	93	0.00	0.0	0.901	0.000	5	2	1	1
019489	PL.11549	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	0.901	0.000	0	0	0	0
019408	PL.11549	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	0.901	0.000	0	0	0	0
019424	PL.11549	A	Consumer	7.47Y	124.6	0.00	1.43	0.17	0	1	1	71	0.00	0.0	0.901	0.000	1	1	1	1
019403	PL.11549	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	0.901	0.000	0	0	0	0
PL.18366	PL.11549	A	4ACSR	7.47Y	124.6	0.00	1.43	0.32	0	2	1	89	0.00	0.0	0.946	0.045	0	0	0	2
PD.3372	PL.18366	A	50V4E	7.47Y	124.6	0.00	1.43	0.32	1	2	1	89	0.00	0.0	0.946	0.000	0	0	0	2
PL.18365	PD.3372	A	4ACSR	7.47Y	124.6	0.00	1.43	0.32	0	2	1	89	0.00	0.0	0.952	0.006	0	0	0	2
PL.38700	PL.18365	A	4ACSR	7.47Y	124.6	0.00	1.43	0.32	0	2	1	89	0.00	0.0	0.955	0.003	0	0	0	2
PL.38701	PL.38700	A	4ACSR	7.47Y	124.6	0.00	1.43	0.32	0	2	1	89	0.00	0.0	0.997	0.043	0	0	0	2
019498	PL.38701	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	0.997	0.000	0	0	0	0
019496	PL.38701	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	0.997	0.000	0	0	0	0
019407	PL.38701	A	Consumer	7.47Y	124.6	0.00	1.43	0.24	0	2	1	89	0.00	0.0	0.997	0.000	2	1	1	1
019473	PL.38701	A	Consumer	7.47Y	124.6	0.00	1.43	0.09	0	1	0	100	0.00	0.0	0.997	0.000	1	0	1	1
019459	PL.11550	A	Consumer	7.47Y	124.6	0.00	1.42	0.00	0	0	0	100	0.00	0.0	0.842	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
019441	PL.11550	A	Consumer	7.47Y	124.6	0.00	1.42	1.07	0	8	3	94	0.00	0.0	0.842	0.000	8	3	1	1
PL.38704	PL.11550	A	4ACSR	7.47Y	124.6	0.01	1.43	9.93	8	70	24	95	0.00	0.0	0.855	0.014	0	0	0	15
PL.38705	PL.38704	A	4ACSR	7.47Y	124.6	0.01	1.44	9.93	8	70	24	95	0.01	0.0	0.881	0.026	0	0	0	15
0194116	PL.38705	A	Consumer	7.47Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	0.881	0.000	0	0	0	0
019435	PL.38705	A	Consumer	7.47Y	124.6	0.00	1.44	0.14	0	1	0	100	0.00	0.0	0.881	0.000	1	0	1	1
PL.6118	PL.38705	A	4ACSR	7.47Y	124.5	0.02	1.46	9.79	8	69	24	94	0.01	0.0	0.932	0.051	0	0	0	14
019464	PL.6118	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	0.932	0.000	0	0	0	0
019443	PL.6118	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	0.932	0.000	0	0	0	0
019494	PL.6118	A	Consumer	7.47Y	124.5	0.00	1.46	1.28	0	9	3	95	0.00	0.0	0.932	0.000	9	3	1	1
PL.1648	PL.6118	A	4ACSR	7.47Y	124.5	0.00	1.47	2.13	2	15	5	95	0.00	0.0	0.970	0.038	0	0	0	3
PL.23759	PL.1648	A	4ACSR	7.47Y	124.5	0.01	1.48	2.13	2	15	5	95	0.00	0.0	1.053	0.083	0	0	0	3
019427	PL.23759	A	Consumer	7.47Y	124.5	0.00	1.48	0.55	0	4	1	97	0.00	0.0	1.053	0.000	4	1	1	1
019428	PL.23759	A	Consumer	7.47Y	124.5	0.00	1.48	1.14	0	8	3	94	0.00	0.0	1.053	0.000	8	3	1	1
019401	PL.23759	A	Consumer	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	1.053	0.000	0	0	0	0
019451	PL.23759	A	Consumer	7.47Y	124.5	0.00	1.48	0.43	0	3	1	95	0.00	0.0	1.053	0.000	3	1	1	1
PL.23758	PL.6118	A	4ACSR	7.47Y	124.5	0.01	1.47	6.38	5	45	16	94	0.00	0.0	0.960	0.028	0	0	0	10
PL.11551	PL.23758	A	4ACSR	7.47Y	124.5	0.00	1.48	6.38	5	45	16	94	0.00	0.0	0.973	0.012	0	0	0	10
019474	PL.11551	A	Consumer	7.47Y	124.5	0.00	1.48	1.31	0	9	3	95	0.00	0.0	0.973	0.000	9	3	1	1
019446	PL.11551	A	Consumer	7.47Y	124.5	0.00	1.48	0.77	0	5	2	93	0.00	0.0	0.973	0.000	5	2	1	1
019495	PL.11551	A	Consumer	7.47Y	124.5	0.00	1.48	0.76	0	5	2	93	0.00	0.0	0.973	0.000	5	2	1	1
PL.11552	PL.11551	A	4ACSR	7.47Y	124.5	0.01	1.48	3.54	3	25	9	94	0.00	0.0	1.022	0.049	0	0	0	7
PL.6116	PL.11552	A	4ACSR	7.47Y	124.5	0.00	1.49	2.74	2	19	7	94	0.00	0.0	1.045	0.023	0	0	0	4
019460	PL.6116	A	Consumer	7.47Y	124.5	0.00	1.49	1.69	0	12	4	95	0.00	0.0	1.045	0.000	12	4	1	1
019449	PL.6116	A	Consumer	7.47Y	124.5	0.00	1.49	0.42	0	3	1	95	0.00	0.0	1.045	0.000	3	1	1	1
019471	PL.6116	A	Consumer	7.47Y	124.5	0.00	1.49	0.34	0	2	1	89	0.00	0.0	1.045	0.000	2	1	1	1
019431	PL.6116	A	Consumer	7.47Y	124.5	0.00	1.49	0.29	0	2	1	89	0.00	0.0	1.045	0.000	2	1	1	1
019448	PL.11552	A	Consumer	7.47Y	124.5	0.00	1.48	0.06	0	0	0	100	0.00	0.0	1.022	0.000	0	0	1	1
019433	PL.11552	A	Consumer	7.47Y	124.5	0.00	1.48	0.63	0	4	2	89	0.00	0.0	1.022	0.000	4	2	1	1
019430	PL.11552	A	Consumer	7.47Y	124.5	0.00	1.48	0.10	0	1	0	100	0.00	0.0	1.022	0.000	1	0	1	1
019499	PL.10957	A	Consumer	7.48Y	124.6	0.00	1.35	0.60	0	4	1	97	0.00	0.0	0.727	0.000	4	1	1	1
019410	PL.10957	A	Consumer	7.48Y	124.6	0.00	1.35	0.30	0	2	1	89	0.00	0.0	0.727	0.000	2	1	1	1
019442	PL.10958	A	Consumer	7.48Y	124.7	0.00	1.31	1.17	0	8	3	94	0.00	0.0	0.663	0.000	8	3	1	1
019406	PL.10958	A	Consumer	7.48Y	124.7	0.00	1.31	0.91	0	6	2	95	0.00	0.0	0.663	0.000	6	2	1	1
0194120	PL.10960	A	Consumer	7.48Y	124.7	0.00	1.25	0.00	0	0	0	100	0.00	0.0	0.594	0.000	0	0	0	0
019463	PL.10960	A	Consumer	7.48Y	124.7	0.00	1.25	1.04	0	7	3	92	0.00	0.0	0.594	0.000	7	3	1	1
0194119	PL.6098	A	Consumer	7.49Y	124.8	0.00	1.23	0.29	0	2	1	89	0.00	0.0	0.570	0.000	2	1	1	1
019465	PL.6098	A	Consumer	7.49Y	124.8	0.00	1.23	0.37	0	3	1	95	0.00	0.0	0.570	0.000	3	1	1	1
019491	PL.6098	A	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	0.570	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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
0194106	PL.6098	A	Consumer	7.48Y	124.8	0.00	1.23	0.10	0	1	0	100	0.00	0.0	0.570	0.000	1	0	1	1
PL.76	PL.22109	A	4ACSR	7.48Y	124.7	0.09	1.27	17.81	15	126	44	94	0.09	0.1	0.621	0.114	0	0	0	25
PD.2361-A	PL.76	A	Closed	7.48Y	124.7	0.00	1.27	17.81	0	126	44	94	0.00	0.0	0.621	0.000	0	0	0	25
PD.2361-B	PD.2361-A	A	Closed	7.48Y	124.7	0.00	1.27	17.81	0	126	44	94	0.00	0.0	0.621	0.000	0	0	0	25
PL.27338	PD.2361-B	A	4ACSR	7.48Y	124.7	0.03	1.30	17.81	15	126	44	94	0.02	0.0	0.654	0.033	0	0	0	25
PL.7739	PL.27338	A	4ACSR	7.48Y	124.7	0.02	1.32	16.94	14	120	42	94	0.02	0.0	0.679	0.025	0	0	0	24
620208	PL.7739	A	Consumer	7.48Y	124.7	0.00	1.32	0.68	0	5	2	93	0.00	0.0	0.679	0.000	5	2	1	1
620204	PL.7739	A	Consumer	7.48Y	124.7	0.00	1.32	0.72	0	5	2	93	0.00	0.0	0.679	0.000	5	2	1	1
620212	PL.7739	A	Consumer	7.48Y	124.7	0.00	1.32	1.24	0	9	3	95	0.00	0.0	0.679	0.000	9	3	1	1
620211	PL.7739	A	Consumer	7.48Y	124.7	0.00	1.32	0.00	0	0	0	100	0.00	0.0	0.679	0.000	0	0	0	0
PL.27539	PL.7739	A	4ACSR	7.48Y	124.7	0.00	1.32	3.88	3	27	10	94	0.00	0.0	0.686	0.007	0	0	0	4
PD.2932	PL.27539	A	fuse6AMP	7.48Y	124.7	0.00	1.32	3.88	66	27	10	94	0.00	0.0	0.686	0.000	0	0	0	4
PL.27540	PD.2932	A	4ACSR	7.48Y	124.7	0.01	1.33	3.88	3	27	10	94	0.00	0.0	0.747	0.061	0	0	0	4
PL.24324	PL.27540	A	4ACSR	7.48Y	124.7	0.00	1.33	1.48	1	10	4	93	0.00	0.0	0.777	0.030	0	0	0	2
620209	PL.24324	A	Consumer	7.48Y	124.7	0.00	1.33	0.00	0	0	0	100	0.00	0.0	0.777	0.000	0	0	0	0
620210	PL.24324	A	Consumer	7.48Y	124.7	0.00	1.33	1.20	0	8	3	94	0.00	0.0	0.777	0.000	8	3	1	1
6202013	PL.24324	A	Consumer	7.48Y	124.7	0.00	1.33	0.28	0	2	1	89	0.00	0.0	0.777	0.000	2	1	1	1
PL.3790	PL.27540	A	4ACSR	7.48Y	124.7	0.01	1.34	2.40	2	17	6	94	0.00	0.0	0.812	0.065	0	0	0	2
621201	PL.3790	A	Consumer	7.48Y	124.7	0.00	1.34	0.92	0	7	2	96	0.00	0.0	0.812	0.000	7	2	1	1
PL.3791	PL.3790	A	4ACSR	7.48Y	124.7	0.00	1.34	1.48	1	10	4	93	0.00	0.0	0.865	0.053	0	0	0	1
622202	PL.3791	A	Consumer	7.48Y	124.7	0.00	1.34	1.48	0	10	4	93	0.00	0.0	0.865	0.000	10	4	1	1
PL.19211	PL.7739	A	4ACSR	7.48Y	124.7	0.02	1.33	10.41	9	74	26	94	0.01	0.0	0.717	0.038	0	0	0	17
620207	PL.19211	A	Consumer	7.48Y	124.7	0.00	1.33	0.53	0	4	1	97	0.00	0.0	0.717	0.000	4	1	1	1
620206	PL.19211	A	Consumer	7.48Y	124.7	0.00	1.33	0.56	0	4	1	97	0.00	0.0	0.717	0.000	4	1	1	1
PL.19210	PL.19211	A	4ACSR	7.48Y	124.6	0.02	1.35	9.32	8	66	23	94	0.01	0.0	0.762	0.045	0	0	0	15
621306	PL.19210	A	Consumer	7.48Y	124.6	0.00	1.35	0.00	0	0	0	100	0.00	0.0	0.762	0.000	0	0	0	0
621308	PL.19210	A	Consumer	7.48Y	124.6	0.00	1.35	0.66	0	5	2	93	0.00	0.0	0.762	0.000	5	2	1	1
621304	PL.19210	A	Consumer	7.48Y	124.6	0.00	1.35	0.02	0	0	0	100	0.00	0.0	0.762	0.000	0	0	1	1
PL.10956	PL.19210	A	4ACSR	7.48Y	124.6	0.04	1.39	8.64	7	61	21	95	0.02	0.0	0.854	0.092	0	0	0	13
PL.10955	PL.10956	A	4ACSR	7.48Y	124.6	0.01	1.40	4.33	4	31	11	94	0.00	0.0	0.926	0.072	0	0	0	6
PL.38859	PL.10955	A	4ACSR	7.48Y	124.6	0.00	1.40	0.64	1	5	2	93	0.00	0.0	0.931	0.005	0	0	0	2
PD.6746	PL.38859	A	fuse6AMP	7.48Y	124.6	0.00	1.40	0.64	11	5	2	93	0.00	0.0	0.931	0.000	0	0	0	2
PL.38860	PD.6746	A	4ACSR	7.48Y	124.6	0.00	1.41	0.64	1	5	2	93	0.00	0.0	0.982	0.050	0	0	0	2
PL.7736	PL.38860	A	4ACSR	7.48Y	124.6	0.00	1.41	0.64	1	5	2	93	0.00	0.0	1.004	0.022	0	0	0	2
PL.7737	PL.7736	A	4ACSR	7.48Y	124.6	0.00	1.41	0.33	0	2	1	89	0.00	0.0	1.049	0.045	0	0	0	1
622201	PL.7737	A	Consumer	7.48Y	124.6	0.00	1.41	0.33	0	2	1	89	0.00	0.0	1.049	0.000	2	1	1	1
622303	PL.7736	A	Consumer	7.48Y	124.6	0.00	1.41	0.31	0	2	1	89	0.00	0.0	1.004	0.000	2	1	1	1
PL.3789	PL.38860	A	4ACSR	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	1.046	0.064	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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
622305	PL.10955	A	Consumer	7.48Y	124.6	0.00	1.40	0.35	0	2	1	89	0.00	0.0	0.926	0.000	2	1	1	1
623303	PL.10955	A	Consumer	7.48Y	124.6	0.00	1.40	1.15	0	8	3	94	0.00	0.0	0.926	0.000	8	3	1	1
623302	PL.10955	A	Consumer	7.48Y	124.6	0.00	1.40	1.15	0	8	3	94	0.00	0.0	0.926	0.000	8	3	1	1
622311	PL.10955	A	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	0.926	0.000	0	0	0	0
622308	PL.10955	A	Consumer	7.48Y	124.6	0.00	1.40	1.03	0	7	3	92	0.00	0.0	0.926	0.000	7	3	1	1
622310	PL.10955	A	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	0.926	0.000	0	0	0	0
621303	PL.10956	A	Consumer	7.48Y	124.6	0.00	1.39	0.87	0	6	2	95	0.00	0.0	0.854	0.000	6	2	1	1
622309	PL.10956	A	Consumer	7.48Y	124.6	0.00	1.39	0.61	0	4	2	89	0.00	0.0	0.854	0.000	4	2	1	1
621301	PL.10956	A	Consumer	7.48Y	124.6	0.00	1.39	0.11	0	1	0	100	0.00	0.0	0.854	0.000	1	0	1	1
621305	PL.10956	A	Consumer	7.48Y	124.6	0.00	1.39	0.04	0	0	0	100	0.00	0.0	0.854	0.000	0	0	1	1
621309	PL.10956	A	Consumer	7.48Y	124.6	0.00	1.39	0.80	0	6	2	95	0.00	0.0	0.854	0.000	6	2	1	1
622301	PL.10956	A	Consumer	7.48Y	124.6	0.00	1.39	0.09	0	1	0	100	0.00	0.0	0.854	0.000	1	0	1	1
622306	PL.10956	A	Consumer	7.48Y	124.6	0.00	1.39	1.78	0	13	4	96	0.00	0.0	0.854	0.000	13	4	1	1
620203	PL.27338	A	Consumer	7.48Y	124.7	0.00	1.30	0.88	0	6	2	95	0.00	0.0	0.654	0.000	6	2	1	1
PL.1645	PL.22109	A	4ACSR	7.49Y	124.8	0.00	1.18	0.31	0	2	1	89	0.00	0.0	0.572	0.065	0	0	0	1
019454	PL.1645	A	Consumer	7.49Y	124.8	0.00	1.18	0.31	0	2	1	89	0.00	0.0	0.572	0.000	2	1	1	1
019413	PL.1646	A	Consumer	7.50Y	125.0	0.00	1.03	0.63	0	4	2	89	0.00	0.0	0.427	0.000	4	2	1	1
C PL.12376	PL.10953	A	4/0ACSR	7.51Y	125.1	0.02	0.87	175.25	61	1255	396	95	0.28	0.0	0.346	0.009	0	0	0	215 C
C		B		7.55Y	125.8	0.01	0.17	116.25	41	845	237	96					0	0	0	143
		C		7.51Y	125.2	0.02	0.80	165.71	58	1189	370	95					0	0	0	212 C
PD.160-A	PL.12376	A	Closed	7.51Y	125.1	0.00	0.87	175.25	0	1255	396	95	0.00	0.0	0.346	0.000	0	0	0	215
		B		7.55Y	125.8	0.00	0.17	116.25	0	845	237	96					0	0	0	143
		C		7.51Y	125.2	0.00	0.80	165.71	0	1189	370	95					0	0	0	212
PD.160-B	PD.160-A	A	Closed	7.51Y	125.1	0.00	0.87	175.25	0	1255	396	95	0.00	0.0	0.346	0.000	0	0	0	215
		B		7.55Y	125.8	0.00	0.17	116.25	0	845	237	96					0	0	0	143
		C		7.51Y	125.2	0.00	0.80	165.71	0	1189	370	95					0	0	0	212
C PL.12377	PD.160-B	A	4/0ACSR	7.47Y	124.5	0.63	1.50	175.25	61	1255	396	95	10.90	0.3	0.694	0.348	0	0	0	215 C
C		B		7.53Y	125.5	0.30	0.47	116.25	41	845	237	96					0	0	0	143
		C		7.47Y	124.4	0.76	1.56	165.71	58	1189	370	95					0	0	0	212 C
019467	PL.12377	C	Consumer	7.47Y	124.4	0.00	1.56	0.74	0	5	2	93	0.00	0.0	0.694	0.000	5	2	1	1
C PL.11554	PL.12377	A	4/0ACSR	7.46Y	124.3	0.21	1.71	175.25	61	1251	386	96	3.62	0.1	0.810	0.116	0	0	0	215 C
C		B		7.53Y	125.4	0.10	0.57	116.25	41	844	234	96					0	0	0	143
		C		7.45Y	124.2	0.25	1.81	164.97	58	1178	361	96					0	0	0	211 C
C PL.11555	PL.11554	A	4/0ACSR	7.45Y	124.2	0.07	1.78	175.25	61	1250	383	96	1.11	0.0	0.847	0.037	0	0	0	215 C
C		B		7.52Y	125.4	0.03	0.60	116.25	41	843	233	96					0	0	0	143
		C		7.45Y	124.1	0.08	1.88	157.91	55	1126	341	96					0	0	0	202 C
PL.18594	PL.11555	A	2ACSR	7.45Y	124.2	0.03	1.81	16.24	10	120	16	99	0.06	0.0	0.910	0.063	0	0	0	3
		B		7.52Y	125.4	0.02	0.62	13.71	9	103	10	100					0	0	0	1
		C		7.45Y	124.1	0.02	1.91	14.28	9	106	11	99					0	0	0	3
PD.3373	PL.18594	A	50L	7.45Y	124.2	0.00	1.81	16.24	32	120	16	99	0.00	0.0	0.910	0.000	0	0	0	3
		B		7.52Y	125.4	0.00	0.62	13.71	27	103	10	100					0	0	0	1
		C		7.45Y	124.1	0.00	1.91	14.28	29	106	11	99					0	0	0	3
PL.20781	PD.3373	A	2ACSR	7.45Y	124.2	0.02	1.82	16.24	10	120	16	99	0.04	0.0	0.956	0.046	0	0	0	3
		B		7.52Y	125.4	0.01	0.63	13.71	9	103	10	100					0	0	0	1
		C		7.44Y	124.1	0.02	1.92	14.28	9	106	11	99					0	0	0	3
PL.20782	PL.20781	A	2ACSR	7.45Y	124.1	0.03	1.86	16.16	10	119	16	99	0.07	0.0	1.036	0.080	0	0	0	3
		B		7.52Y	125.3	0.02	0.66	13.63	9	102	9	100					0	0	0	1
		C		7.44Y	124.0	0.03	1.95	14.21	9	105	11	99					0	0	0	3

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.11557, PL.6137, PL.20754, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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. Rows include elements like PL.70, PL.17844, PD.3364, 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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.5831, PL.11719, PL.11720, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.4862	PL.9946	A	336ACSR	7.41Y	123.5	0.02	2.49	38.77	9	271	97	94	0.06	0.0	2.362	0.076	0	0	0	61
		B		7.52Y	125.3	-0.00	0.73	10.83	2	77	27	94					0	0	0	25
		C		7.39Y	123.1	0.03	2.90	27.99	6	195	69	94					0	0	0	43
PL.18838	PL.4862	C	4ACSR	7.39Y	123.1	0.00	2.90	1.27	1	9	3	95	0.00	0.0	2.368	0.006	0	0	0	4
PD.1807	PL.18838	C	fuse6AMP	7.39Y	123.1	0.00	2.90	1.27	22	9	3	95	0.00	0.0	2.368	0.000	0	0	0	4
PL.18839	PD.1807	C	4ACSR	7.39Y	123.1	0.00	2.90	1.27	1	9	3	95	0.00	0.0	2.382	0.013	0	0	0	4
019343	PL.18839	C	Consumer	7.39Y	123.1	0.00	2.90	0.11	0	1	0	100	0.00	0.0	2.382	0.000	1	0	1	1
019314	PL.18839	C	Consumer	7.39Y	123.1	0.00	2.90	0.00	0	0	0	100	0.00	0.0	2.382	0.000	0	0	1	1
PL.9947	PL.18839	C	4ACSR	7.39Y	123.1	0.00	2.90	1.16	1	8	3	94	0.00	0.0	2.400	0.018	0	0	0	2
PL.1562	PL.9947	C	4ACSR	7.39Y	123.1	0.00	2.90	0.63	1	4	2	89	0.00	0.0	2.433	0.033	0	0	0	1
PL.1563	PL.1562	C	4ACSR	7.39Y	123.1	0.00	2.91	0.63	1	4	2	89	0.00	0.0	2.463	0.030	0	0	0	1
PL.1564	PL.1563	C	4ACSR	7.39Y	123.1	0.00	2.91	0.63	1	4	2	89	0.00	0.0	2.491	0.028	0	0	0	1
018374	PL.1564	C	Consumer	7.39Y	123.1	0.00	2.91	0.63	0	4	2	89	0.00	0.0	2.491	0.000	4	2	1	1
PL.39127	PL.9947	C	2ACSR	7.39Y	123.1	0.00	2.91	0.53	0	4	1	97	0.00	0.0	2.495	0.095	0	0	0	1
0183135	PL.39127	C	Consumer	7.39Y	123.1	0.00	2.91	0.53	0	4	1	97	0.00	0.0	2.495	0.000	4	1	1	1
PL.4863	PL.4862	A	336ACSR	7.41Y	123.5	0.04	2.53	38.77	9	271	96	94	0.09	0.0	2.483	0.120	0	0	0	61
		B		7.52Y	125.3	-0.01	0.73	10.83	2	77	27	94					0	0	0	25
		C		7.38Y	123.1	0.04	2.94	26.72	6	186	66	94					0	0	0	39
PL.9948	PL.4863	A	336ACSR	7.41Y	123.5	0.01	2.54	38.77	9	271	96	94	0.03	0.0	2.527	0.044	0	0	0	61
		B		7.52Y	125.3	-0.00	0.72	10.83	2	77	27	94					0	0	0	25
		C		7.38Y	123.0	0.02	2.96	26.72	6	186	65	94					0	0	0	38
PL.20907	PL.9948	A	4ACSR	7.41Y	123.5	0.00	2.54	0.21	0	1	1	71	0.00	0.0	2.533	0.007	0	0	0	1
PD.1915	PL.20907	A	fuse6AMP	7.41Y	123.5	0.00	2.54	0.21	4	1	1	71	0.00	0.0	2.533	0.000	0	0	0	1
PL.20908	PD.1915	A	4ACSR	7.41Y	123.5	0.00	2.54	0.21	0	1	1	71	0.00	0.0	2.564	0.031	0	0	0	1
019398	PL.20908	A	Consumer	7.41Y	123.5	0.00	2.54	0.21	0	1	1	71	0.00	0.0	2.564	0.000	1	1	1	1
PL.24534	PL.20908	A	4ACSR	7.41Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	2.621	0.057	0	0	0	0
PL.20598	PL.9948	B	4ACSR	7.52Y	125.3	0.00	0.72	0.88	1	6	2	95	0.00	0.0	2.533	0.006	0	0	0	1
PD.1916	PL.20598	B	fuse6AMP	7.52Y	125.3	0.00	0.72	0.88	15	6	2	95	0.00	0.0	2.533	0.000	0	0	0	1
PL.20597	PD.1916	B	4ACSR	7.52Y	125.3	0.00	0.73	0.88	1	6	2	95	0.00	0.0	2.597	0.065	0	0	0	1
0183118	PL.20597	B	Consumer	7.52Y	125.3	0.00	0.73	0.88	0	6	2	95	0.00	0.0	2.597	0.000	6	2	1	1
PL.11400	PL.9948	A	336ACSR	7.41Y	123.4	0.02	2.56	38.57	9	269	96	94	0.04	0.0	2.584	0.057	0	0	0	60
		B		7.52Y	125.3	-0.00	0.72	9.95	2	71	25	94					0	0	0	24
		C		7.38Y	123.0	0.02	2.98	26.72	6	186	65	94					0	0	0	38
0192112	PL.11400	A	Consumer	7.41Y	123.4	0.00	2.56	1.14	0	8	3	94	0.00	0.0	2.584	0.000	8	3	1	1
019283	PL.11400	C	Consumer	7.38Y	123.0	0.00	2.98	0.18	0	1	0	100	0.00	0.0	2.584	0.000	1	0	1	1
0192105	PL.11400	C	Consumer	7.38Y	123.0	0.00	2.98	0.03	0	0	0	100	0.00	0.0	2.584	0.000	0	0	1	1
PL.11401	PL.11400	A	336ACSR	7.41Y	123.4	0.02	2.58	37.43	8	261	93	94	0.04	0.0	2.645	0.061	0	0	0	59
		B		7.52Y	125.3	-0.00	0.71	9.95	2	71	25	94					0	0	0	24
		C		7.38Y	123.0	0.02	3.00	26.50	6	185	65	94					0	0	0	36
PL.16688	PL.11401	A	4ACSR	7.41Y	123.4	0.00	2.58	1.21	1	8	3	94	0.00	0.0	2.652	0.007	0	0	0	3
PD.1917	PL.16688	A	fuse6AMP	7.41Y	123.4	0.00	2.58	1.21	21	8	3	94	0.00	0.0	2.652	0.000	0	0	0	3
PL.16689	PD.1917	A	4ACSR	7.40Y	123.4	0.01	2.59	1.21	1	8	3	94	0.00	0.0	2.782	0.130	0	0	0	3
019264	PL.16689	A	Consumer	7.40Y	123.4	0.00	2.59	0.31	0	2	1	89	0.00	0.0	2.782	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.1636	PL.16689	A	4ACSR	7.40Y	123.4	0.00	2.59	0.90	1	6	2	95	0.00	0.0	2.884	0.102	0	0	0	2
PL.33012	PL.1636	A	4ACSR	7.40Y	123.4	0.00	2.59	0.06	0	0	0	100	0.00	0.0	2.923	0.040	0	0	0	1
0182031	PL.33012	A	Consumer	7.40Y	123.4	0.00	2.59	0.06	0	0	0	100	0.00	0.0	2.923	0.000	0	0	1	1
018230	PL.1636	A	Consumer	7.40Y	123.4	0.00	2.59	0.84	0	6	2	95	0.00	0.0	2.884	0.000	6	2	1	1
PL.11402	PL.11401	A	336ACSR	7.40Y	123.4	0.01	2.58	36.22	8	253	90	94	0.01	0.0	2.664	0.019	0	0	0	56
		B		7.52Y	125.3	-0.00	0.71	9.95	2	71	25	94					0	0	0	24
		C		7.38Y	123.0	0.01	3.01	26.50	6	185	65	94					0	0	0	36
PL.11403	PL.11402	A	336ACSR	7.40Y	123.4	0.01	2.60	32.92	7	230	80	94	0.03	0.0	2.723	0.059	0	0	0	53
		B		7.52Y	125.3	-0.00	0.71	9.95	2	71	25	94					0	0	0	24
		C		7.38Y	123.0	0.02	3.03	26.50	6	185	65	94					0	0	0	36
PL.71	PL.11403	A	336ACSR	7.40Y	123.4	0.02	2.62	19.02	4	133	46	95	0.09	0.0	2.980	0.257	0	0	0	33
		B		7.52Y	125.3	0.02	0.73	9.95	2	71	25	94					0	0	0	24
		C		7.37Y	122.9	0.08	3.11	26.50	6	184	65	94					0	0	0	36
PL.45244	PL.71	A	4ACSR	7.40Y	123.4	0.00	2.62	7.91	7	55	19	95	0.00	0.0	2.988	0.008	0	0	0	13
PD.3365	PL.45244	A	35V4E	7.40Y	123.4	0.00	2.62	7.91	23	55	19	95	0.00	0.0	2.988	0.000	0	0	0	13
PL.45245	PD.3365	A	4ACSR	7.40Y	123.4	0.02	2.64	7.91	7	55	19	95	0.01	0.0	3.057	0.069	0	0	0	13
019271	PL.45245	A	Consumer	7.40Y	123.4	0.00	2.64	0.00	0	0	0	100	0.00	0.0	3.057	0.000	0	0	0	0
019270	PL.45245	A	Consumer	7.40Y	123.4	0.00	2.64	0.52	0	4	1	97	0.00	0.0	3.057	0.000	4	1	1	1
PL.11775	PL.45245	A	4ACSR	7.40Y	123.3	0.02	2.67	7.39	6	52	18	94	0.01	0.0	3.123	0.066	0	0	0	12
PL.45169	PL.11775	A	4ACSR	7.40Y	123.3	0.00	2.67	3.35	3	23	8	94	0.00	0.0	3.130	0.006	0	0	0	7
PD.8600-A	PL.45169	A	Closed	7.40Y	123.3	0.00	2.67	3.35	0	23	8	94	0.00	0.0	3.130	0.000	0	0	0	7
PD.8600-B	PD.8600-A	A	Closed	7.40Y	123.3	0.00	2.67	3.35	0	23	8	94	0.00	0.0	3.130	0.000	0	0	0	7
PL.45170	PD.8600-B	A	4ACSR	7.40Y	123.3	0.01	2.67	3.35	3	23	8	94	0.00	0.0	3.176	0.046	0	0	0	7
PL.5760	PL.45170	A	4ACSR	7.40Y	123.3	0.01	2.68	3.35	3	23	8	94	0.00	0.0	3.211	0.035	0	0	0	7
019248	PL.5760	A	Consumer	7.40Y	123.3	0.00	2.68	0.25	0	2	1	89	0.00	0.0	3.211	0.000	2	1	1	1
019261	PL.5760	A	Consumer	7.40Y	123.3	0.00	2.68	0.53	0	4	1	97	0.00	0.0	3.211	0.000	0	0	0	1
019211	019261	A	Consumer	7.40Y	123.3	0.00	2.68	0.53	0	4	1	97	0.00	0.0	3.211	0.000	4	1	1	1
019214	019261	A	Consumer	7.40Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	3.211	0.000	0	0	0	0
019227	PL.5760	A	Consumer	7.40Y	123.3	0.00	2.68	0.52	0	4	1	97	0.00	0.0	3.211	0.000	4	1	1	1
PL.28092	PL.5760	A	4ACSR	7.40Y	123.3	0.00	2.68	2.06	2	14	5	94	0.00	0.0	3.263	0.052	0	0	0	4
PD.1913	PL.28092	A	fuse6AMP	7.40Y	123.3	0.00	2.68	2.06	35	14	5	94	0.00	0.0	3.263	0.000	0	0	0	4
PL.28093	PD.1913	A	4ACSR	7.40Y	123.3	0.00	2.69	2.06	2	14	5	94	0.00	0.0	3.274	0.011	0	0	0	4
019240	PL.28093	A	Consumer	7.40Y	123.3	0.00	2.69	0.04	0	0	0	100	0.00	0.0	3.274	0.000	0	0	1	1
PL.19069	PL.28093	A	4ACSR	7.40Y	123.3	0.01	2.69	2.02	2	14	5	94	0.00	0.0	3.330	0.056	0	0	0	3
PL.19070	PL.19069	A	4ACSR	7.40Y	123.3	0.00	2.69	2.02	2	14	5	94	0.00	0.0	3.364	0.033	0	0	0	3
PL.17482	PL.19070	A	4ACSR	7.40Y	123.3	0.00	2.69	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	7.40Y	123.3	0.00	2.69	0.00	0	0	0	100	0.00	0.0	3.373	0.000	0	0	0	0
PL.45246	PL.19070	A	4ACSR	7.40Y	123.3	0.00	2.69	1.33	1	9	3	95	0.00	0.0	3.376	0.013	0	0	0	1
PD.8630	PL.45246	A	fuse6AMP	7.40Y	123.3	0.00	2.69	1.33	23	9	3	95	0.00	0.0	3.376	0.000	0	0	0	1
PL.45247	PD.8630	A	4ACSR	7.40Y	123.3	0.00	2.70	1.33	1	9	3	95	0.00	0.0	3.394	0.018	0	0	0	1
PL.4633	PL.45247	A	4ACSR	7.40Y	123.3	0.00	2.70	1.33	1	9	3	95	0.00	0.0	3.415	0.021	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 070249, 070248, 019216, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
070240	PL.11767	C	Consumer	7.37Y	122.8	0.00	3.23	0.23	0	2	1	89	0.00	0.0	3.440	0.000	2	1	1	1
PL.11768	PL.11767	A	336ACSR	7.40Y	123.4	-0.00	2.61	11.12	3	78	27	94	0.01	0.0	3.472	0.031	0	0	0	20
		B		7.51Y	125.2	0.00	0.78	9.60	2	68	24	94					0	0	0	22
		C		7.37Y	122.8	0.01	3.24	24.47	6	170	59	94					0	0	0	31
PL.27068	PL.11768	C	4ACSR	7.37Y	122.8	0.00	3.24	1.50	1	10	4	93	0.00	0.0	3.477	0.006	0	0	0	2
PD.3266	PL.27068	C	fuse6AMP	7.37Y	122.8	0.00	3.24	1.50	26	10	4	93	0.00	0.0	3.477	0.000	0	0	0	2
PL.27069	PD.3266	C	4ACSR	7.37Y	122.8	0.00	3.25	1.50	1	10	4	93	0.00	0.0	3.527	0.050	0	0	0	2
070259	PL.27069	C	Consumer	7.37Y	122.8	0.00	3.25	0.36	0	2	1	89	0.00	0.0	3.527	0.000	2	1	1	1
PL.11771	PL.27069	C	4ACSR	7.36Y	122.7	0.00	3.25	1.14	1	8	3	94	0.00	0.0	3.623	0.096	0	0	0	1
070260	PL.11771	C	Consumer	7.36Y	122.7	0.00	3.25	1.14	0	8	3	94	0.00	0.0	3.623	0.000	8	3	1	1
PL.11766	PL.11768	A	336ACSR	7.40Y	123.4	0.00	2.61	11.12	3	78	27	94	0.01	0.0	3.511	0.040	0	0	0	20
		B		7.51Y	125.2	0.00	0.78	9.60	2	68	24	94					0	0	0	22
		C		7.36Y	122.7	0.01	3.25	22.97	5	160	56	94					0	0	0	29
PL.27060	PL.11766	A	336ACSR	7.40Y	123.4	0.00	2.61	11.12	3	78	27	94	0.00	0.0	3.516	0.004	0	0	0	20
		B		7.51Y	125.2	0.00	0.78	9.60	2	68	24	94					0	0	0	22
		C		7.36Y	122.7	-0.00	3.25	0.00	0	0	0	100					0	0	0	0
PL.42165	PL.27060	A	336ACSR	7.40Y	123.4	0.02	2.62	11.12	3	78	27	94	0.01	0.0	3.617	0.102	0	0	0	20
		B		7.51Y	125.2	0.00	0.79	9.60	2	68	24	94					0	0	0	22
		C		7.37Y	122.8	-0.00	3.25	0.00	0	0	0	100					0	0	0	0
PL.42166	PL.42165	A	336ACSR	7.40Y	123.4	-0.00	2.62	0.65	0	5	2	93	0.00	0.0	3.618	0.001	0	0	0	2
		B		7.51Y	125.2	0.00	0.79	0.00	0	0	0	100					0	0	0	0
		C		7.37Y	122.8	0.00	3.25	0.00	0	0	0	100					0	0	0	0
PL.4774	PL.42166	A	4ACSR	7.40Y	123.4	0.00	2.62	0.65	1	5	2	93	0.00	0.0	3.666	0.048	0	0	0	1
070267	PL.4774	A	Consumer	7.40Y	123.4	0.00	2.62	0.65	0	5	2	93	0.00	0.0	3.666	0.000	5	2	1	1
070265	PL.4774	A	Consumer	7.40Y	123.4	0.00	2.62	0.00	0	0	0	100	0.00	0.0	3.666	0.000	0	0	0	0
PL.4775	PL.42166	A	4ACSR	7.40Y	123.4	0.00	2.62	0.00	0	0	0	100	0.00	0.0	3.686	0.068	0	0	0	1
070216	PL.4775	A	Consumer	7.40Y	123.4	0.00	2.62	0.00	0	0	0	100	0.00	0.0	3.686	0.000	0	0	1	1
PL.42164	PL.42165	A	336ACSR	7.40Y	123.4	0.01	2.63	10.47	2	73	25	95	0.00	0.0	3.677	0.060	0	0	0	18
		B		7.51Y	125.2	0.00	0.79	9.60	2	68	24	94					0	0	0	22
		C		7.37Y	122.8	-0.00	3.25	0.00	0	0	0	100					0	0	0	0
PL.27054	PL.42164	A	4ACSR	7.40Y	123.4	0.00	2.63	10.47	9	73	25	95	0.00	0.0	3.683	0.006	0	0	0	18
PL.27055	PL.27054	A	4ACSR	7.40Y	123.4	0.01	2.64	10.47	9	73	25	95	0.00	0.0	3.694	0.011	0	0	0	18
070213	PL.27055	A	Consumer	7.40Y	123.4	0.00	2.64	0.81	0	6	2	95	0.00	0.0	3.694	0.000	6	2	1	1
070269	PL.27055	A	Consumer	7.40Y	123.4	0.00	2.64	0.07	0	1	0	100	0.00	0.0	3.694	0.000	1	0	1	1
PL.11407	PL.27055	A	4ACSR	7.40Y	123.4	0.01	2.65	9.58	8	67	23	95	0.00	0.0	3.710	0.016	0	0	0	16
PL.15950	PL.11407	A	4ACSR	7.40Y	123.4	0.00	2.65	0.90	1	6	2	95	0.00	0.0	3.715	0.005	0	0	0	1
PD.3278	PL.15950	A	fuse6AMP	7.40Y	123.4	0.00	2.65	0.90	15	6	2	95	0.00	0.0	3.715	0.000	0	0	0	1
PL.15951	PD.3278	A	4ACSR	7.40Y	123.4	0.00	2.65	0.90	1	6	2	95	0.00	0.0	3.762	0.047	0	0	0	1
070214	PL.15951	A	Consumer	7.40Y	123.4	0.00	2.65	0.90	0	6	2	95	0.00	0.0	3.762	0.000	6	2	1	1
PL.15948	PL.11407	A	4ACSR	7.40Y	123.4	0.00	2.65	0.72	1	5	2	93	0.00	0.0	3.715	0.005	0	0	0	1
PD.3277	PL.15948	A	fuse6AMP	7.40Y	123.4	0.00	2.65	0.72	12	5	2	93	0.00	0.0	3.715	0.000	0	0	0	1
PL.15949	PD.3277	A	4ACSR	7.40Y	123.4	0.00	2.65	0.72	1	5	2	93	0.00	0.0	3.770	0.054	0	0	0	1
070223	PL.15949	A	Consumer	7.40Y	123.4	0.00	2.65	0.72	0	5	2	93	0.00	0.0	3.770	0.000	5	2	1	1
070251	PL.15949	A	Consumer	7.40Y	123.4	0.00	2.65	0.00	0	0	0	100	0.00	0.0	3.770	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.15952	PL.11407	A	4ACSR	7.40Y	123.4	0.00	2.65	7.97	7	56	19	95	0.00	0.0	3.715	0.006	0	0	0	14	
PD.3422	PL.15952	A	25V4E	7.40Y	123.4	0.00	2.65	7.97	32	56	19	95	0.00	0.0	3.715	0.000	0	0	0	14	
PL.15953	PD.3422	A	4ACSR	7.40Y	123.3	0.00	2.65	7.97	7	56	19	95	0.00	0.0	3.723	0.008	0	0	0	14	
070221	PL.15953	A	Consumer	7.40Y	123.3	0.00	2.65	0.00	0	0	0	100	0.00	0.0	3.723	0.000	0	0	0	0	
070231	PL.15953	A	Consumer	7.40Y	123.3	0.00	2.65	0.00	0	0	0	100	0.00	0.0	3.723	0.000	0	0	0	0	
PL.12059	PL.15953	A	4ACSR	7.40Y	123.3	0.01	2.66	7.97	7	56	19	95	0.01	0.0	3.759	0.036	0	0	0	14	
PL.12060	PL.12059	A	4ACSR	7.40Y	123.3	0.01	2.67	7.97	7	56	19	95	0.00	0.0	3.787	0.028	0	0	0	14	
PL.12061	PL.12060	A	4ACSR	7.40Y	123.3	0.01	2.69	7.97	7	56	19	95	0.01	0.0	3.823	0.036	0	0	0	14	
019259	PL.12061	A	Consumer	7.40Y	123.3	0.00	2.69	0.87	0	6	2	95	0.00	0.0	3.823	0.000	6	2	1	1	
019243	PL.12061	A	Consumer	7.40Y	123.3	0.00	2.69	0.28	0	2	1	89	0.00	0.0	3.823	0.000	2	1	1	1	
019269	PL.12061	A	Consumer	7.40Y	123.3	0.00	2.69	1.11	0	8	3	94	0.00	0.0	3.823	0.000	8	3	1	1	
PL.27892	PL.12061	A	4ACSR	7.40Y	123.3	0.02	2.71	5.70	5	40	13	95	0.01	0.0	3.909	0.086	0	0	0	11	
C PD.1920	PL.27892	A	fuse6AMP	7.40Y	123.3	0.00	2.71	5.70	97	40	13	95	0.00	0.0	3.909	0.000	0	0	0	11 C	
PL.27893	PD.1920	A	4ACSR	7.40Y	123.3	0.00	2.71	5.70	5	40	13	95	0.00	0.0	3.914	0.005	0	0	0	11	
PL.12062	PL.27893	A	4ACSR	7.40Y	123.3	0.02	2.73	4.31	4	30	10	95	0.00	0.0	4.012	0.098	0	0	0	9	
019203	PL.12062	A	Consumer	7.40Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	4.012	0.000	0	0	0	0	
PL.12063	PL.12062	A	4ACSR	7.40Y	123.3	0.02	2.75	4.31	4	30	10	95	0.00	0.0	4.089	0.077	0	0	0	9	
019219	PL.12063	A	Consumer	7.40Y	123.3	0.00	2.75	0.77	0	5	2	93	0.00	0.0	4.089	0.000	5	2	1	1	
019262	PL.12063	A	Consumer	7.40Y	123.3	0.00	2.75	0.27	0	2	1	89	0.00	0.0	4.089	0.000	2	1	1	1	
019274	PL.12063	A	Consumer	7.40Y	123.3	0.00	2.75	0.00	0	0	0	100	0.00	0.0	4.089	0.000	0	0	0	0	
019238	PL.12063	A	Consumer	7.40Y	123.3	0.00	2.75	0.74	0	5	2	93	0.00	0.0	4.089	0.000	5	2	1	1	
PL.12064	PL.12063	A	4ACSR	7.39Y	123.2	0.01	2.75	2.54	2	18	6	95	0.00	0.0	4.154	0.065	0	0	0	6	
PL.45236	PL.12064	A	4ACSR	7.39Y	123.2	0.00	2.75	0.90	1	6	2	95	0.00	0.0	4.162	0.008	0	0	0	4	
PD.8626	PL.45236	A	fuse6AMP	7.39Y	123.2	0.00	2.75	0.90	15	6	2	95	0.00	0.0	4.162	0.000	0	0	0	4	
PL.45237	PD.8626	A	4ACSR	7.39Y	123.2	0.00	2.76	0.90	1	6	2	95	0.00	0.0	4.283	0.121	0	0	0	4	
PL.1638	PL.45237	A	4ACSR	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	4.348	0.064	0	0	0	0	
PL.46077	PL.1638	A	2ACSR	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	4.405	0.058	0	0	0	0	
0192117	PL.46077	A	Consumer	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	4.405	0.000	0	0	0	0	
PL.12066	PL.45237	A	4ACSR	7.39Y	123.2	0.01	2.77	0.80	1	6	2	95	0.00	0.0	4.494	0.210	0	0	0	2	
PL.43795	PL.12066	A	2ACSR	7.39Y	123.2	0.00	2.77	0.25	0	2	1	89	0.00	0.0	4.580	0.086	0	0	0	1	
0192114	PL.43795	A	Consumer	7.39Y	123.2	0.00	2.77	0.25	0	2	1	89	0.00	0.0	4.580	0.000	2	1	1	1	
0192109	PL.12066	A	Consumer	7.39Y	123.2	0.00	2.77	0.55	0	4	1	97	0.00	0.0	4.494	0.000	4	1	1	1	
PL.1637	PL.45237	A	4ACSR	7.39Y	123.2	0.00	2.76	0.11	0	1	0	100	0.00	0.0	4.336	0.053	0	0	0	2	
PL.43712	PL.1637	A	2ACSR	7.39Y	123.2	0.00	2.76	0.11	0	1	0	100	0.00	0.0	4.408	0.072	0	0	0	2	
PL.43714	PL.43712	A	1/0EPRJCN	7.39Y	123.2	0.00	2.76	0.11	0	1	0	100	0.00	0.0	4.437	0.029	0	0	0	2	
P PL.43715	PL.43714	A	1/0EPRJCN	7.39Y	123.2	-0.00	2.76	0.03	0	0	0	100	0.00	0.0	4.493	0.056	0	0	0	1 P	
0192118	PL.43715	A	Consumer	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	4.493	0.000	0	0	0	0	
0192115	PL.43715	A	Consumer	7.39Y	123.2	0.00	2.76	0.01	0	0	0	100	0.00	0.0	4.493	0.000	0	0	1	1	

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
0192113	PL.43714	A	Consumer	7.39Y	123.2	0.00	2.76	0.11	0	1	0	100	0.00	0.0	4.437	0.000	1	0	1	1
PL.45234	PL.12064	A	4ACSR	7.39Y	123.2	0.00	2.75	1.64	1	11	4	94	0.00	0.0	4.159	0.005	0	0	0	2
PD.8625-A	PL.45234	A	Closed	7.39Y	123.2	0.00	2.75	1.64	0	11	4	94	0.00	0.0	4.159	0.000	0	0	0	2
PD.8625-B	PD.8625-A	A	Closed	7.39Y	123.2	0.00	2.75	1.64	0	11	4	94	0.00	0.0	4.159	0.000	0	0	0	2
PL.45235	PD.8625-B	A	4ACSR	7.39Y	123.2	0.00	2.76	1.64	1	11	4	94	0.00	0.0	4.214	0.055	0	0	0	2
PL.11286	PL.45235	A	4ACSR	7.39Y	123.2	0.00	2.76	0.68	1	5	2	93	0.00	0.0	4.257	0.043	0	0	0	1
0192110	PL.11286	A	Consumer	7.39Y	123.2	0.00	2.76	0.68	0	5	2	93	0.00	0.0	4.257	0.000	5	2	1	1
PL.11287	PL.11286	A	4ACSR	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	4.350	0.092	0	0	0	0
019236	PL.11287	A	Consumer	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	4.350	0.000	0	0	0	0
019201	PL.11287	A	Consumer	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	4.350	0.000	0	0	0	0
PL.11288	PL.11287	A	4ACSR	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	4.763	0.413	0	0	0	0
PL.16684	PL.11288	A	4ACSR	7.39Y	123.2	0.00	2.76	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	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	4.768	0.000	0	0	0	0
PL.11289	PL.11288	A	4ACSR	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	4.809	0.045	0	0	0	0
PL.11290	PL.11289	A	4ACSR	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	5.088	0.279	0	0	0	0
PL.1539	PL.11290	A	4ACSR	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	5.158	0.070	0	0	0	0
PL.11291	PL.11290	A	4ACSR	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	5.182	0.094	0	0	0	0
PL.1538	PL.11288	A	4ACSR	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	4.880	0.117	0	0	0	0
0192111	PL.45235	A	Consumer	7.39Y	123.2	0.00	2.76	0.96	0	7	2	96	0.00	0.0	4.214	0.000	7	2	1	1
PL.20467	PL.27893	A	4ACSR	7.40Y	123.3	0.00	2.71	1.38	1	10	3	96	0.00	0.0	3.920	0.006	0	0	0	2
PD.1919	PL.20467	A	fuse6AMP	7.40Y	123.3	0.00	2.71	1.38	24	10	3	96	0.00	0.0	3.920	0.000	0	0	0	2
PL.20468	PD.1919	A	4ACSR	7.40Y	123.3	0.00	2.71	1.38	1	10	3	96	0.00	0.0	3.969	0.050	0	0	0	2
0192108	PL.20468	A	Consumer	7.40Y	123.3	0.00	2.71	0.35	0	2	1	89	0.00	0.0	3.969	0.000	2	1	1	1
019258	PL.20468	A	Consumer	7.40Y	123.3	0.00	2.71	1.03	0	7	3	92	0.00	0.0	3.969	0.000	7	3	1	1
PL.1639	PL.27893	A	4ACSR	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	3.936	0.022	0	0	0	0
019267	PL.1639	A	Consumer	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	3.936	0.000	0	0	0	0
PL.8147	PL.42164	B	4ACSR	7.51Y	125.2	0.04	0.83	9.60	8	68	24	94	0.02	0.0	3.774	0.097	0	0	0	22
070206	PL.8147	B	Consumer	7.51Y	125.2	0.00	0.83	0.64	0	5	2	93	0.00	0.0	3.774	0.000	5	2	1	1
PL.12057	PL.8147	B	4ACSR	7.51Y	125.1	0.02	0.86	8.97	8	64	22	95	0.01	0.0	3.828	0.054	0	0	0	21
PL.12058	PL.12057	B	4ACSR	7.51Y	125.1	0.04	0.89	8.47	7	60	21	94	0.02	0.0	3.924	0.096	0	0	0	19
PL.8145	PL.12058	B	4ACSR	7.51Y	125.1	0.01	0.90	5.27	4	37	13	94	0.00	0.0	3.961	0.037	0	0	0	12
070224	PL.8145	B	Consumer	7.51Y	125.1	0.00	0.90	0.54	0	4	1	97	0.00	0.0	3.961	0.000	4	1	1	1
PL.27058	PL.8145	B	4ACSR	7.51Y	125.1	0.00	0.90	4.74	4	34	12	94	0.00	0.0	3.967	0.005	0	0	0	11
PD.3280-A	PL.27058	B	Closed	7.51Y	125.1	0.00	0.90	4.74	0	34	12	94	0.00	0.0	3.967	0.000	0	0	0	11
PD.3280-B	PD.3280-A	B	Closed	7.51Y	125.1	0.00	0.90	4.74	0	34	12	94	0.00	0.0	3.967	0.000	0	0	0	11
PL.27059	PD.3280-B	B	4ACSR	7.51Y	125.1	0.00	0.90	4.74	4	34	12	94	0.00	0.0	3.974	0.008	0	0	0	11
070261	PL.27059	B	Consumer	7.51Y	125.1	0.00	0.90	0.17	0	1	0	100	0.00	0.0	3.974	0.000	1	0	1	1
PL.8158	PL.27059	B	4ACSR	7.51Y	125.1	0.01	0.91	4.56	4	32	11	95	0.00	0.0	4.006	0.032	0	0	0	10

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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							
070232	PL.8158	B	Consumer	7.51Y	125.1	0.00	0.91	0.05	0	0	0	100	0.00	0.0	4.006	0.000	0	0	1	1
070229	PL.8158	B	Consumer	7.51Y	125.1	0.00	0.91	0.34	0	2	1	89	0.00	0.0	4.006	0.000	2	1	1	1
070220	PL.8158	B	Consumer	7.51Y	125.1	0.00	0.91	0.78	0	6	2	95	0.00	0.0	4.006	0.000	6	2	1	1
070242	PL.8158	B	Consumer	7.51Y	125.1	0.00	0.91	0.59	0	4	1	97	0.00	0.0	4.006	0.000	4	1	1	1
070241	PL.8158	B	Consumer	7.51Y	125.1	0.00	0.91	0.57	0	4	1	97	0.00	0.0	4.006	0.000	4	1	1	1
PL.34642	PL.8158	B	4ACSR	7.51Y	125.1	0.00	0.91	2.23	2	16	5	95	0.00	0.0	4.025	0.019	0	0	0	5
PD.4902	PL.34642	B	fuse6AMP	7.51Y	125.1	0.00	0.91	2.23	38	16	5	95	0.00	0.0	4.025	0.000	0	0	0	5
PL.34643	PD.4902	B	4ACSR	7.51Y	125.1	0.00	0.92	2.23	2	16	5	95	0.00	0.0	4.047	0.022	0	0	0	5
PL.43255	PL.34643	B	4ACSR	7.50Y	125.1	0.00	0.92	2.23	2	16	5	95	0.00	0.0	4.077	0.030	0	0	0	4
PL.43254	PL.43255	B	4ACSR	7.50Y	125.1	0.00	0.92	2.21	2	16	5	95	0.00	0.0	4.104	0.027	0	0	0	3
PL.4634	PL.43254	B	4ACSR	7.50Y	125.1	0.00	0.93	2.21	2	16	5	95	0.00	0.0	4.147	0.043	0	0	0	3
070250	PL.4634	B	Consumer	7.50Y	125.1	0.00	0.93	0.90	0	6	2	95	0.00	0.0	4.147	0.000	6	2	1	1
070247	PL.4634	B	Consumer	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	4.147	0.000	0	0	0	0
070238	PL.4634	B	Consumer	7.50Y	125.1	0.00	0.93	0.63	0	4	2	89	0.00	0.0	4.147	0.000	4	2	1	1
PL.4780	PL.4634	B	4ACSR	7.50Y	125.1	0.00	0.93	0.68	1	5	2	93	0.00	0.0	4.239	0.092	0	0	0	1
070270	PL.4780	B	Consumer	7.50Y	125.1	0.00	0.93	0.68	0	5	2	93	0.00	0.0	4.239	0.000	5	2	1	1
0702071	PL.43255	B	Consumer	7.50Y	125.1	0.00	0.92	0.02	0	0	0	100	0.00	0.0	4.077	0.000	0	0	1	1
0702079	PL.34643	B	Consumer	7.51Y	125.1	0.00	0.92	0.01	0	0	0	100	0.00	0.0	4.047	0.000	0	0	1	1
070245	PL.12058	B	Consumer	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	3.924	0.000	0	0	1	1
070244	PL.12058	B	Consumer	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	3.924	0.000	0	0	1	1
070246	PL.12058	B	Consumer	7.51Y	125.1	0.00	0.89	0.44	0	3	1	95	0.00	0.0	3.924	0.000	3	1	1	1
PL.8159	PL.12058	B	4ACSR	7.51Y	125.1	0.01	0.90	2.76	2	20	7	94	0.00	0.0	3.970	0.046	0	0	0	4
PL.8160	PL.8159	B	4ACSR	7.51Y	125.1	0.00	0.90	2.76	2	20	7	94	0.00	0.0	4.002	0.032	0	0	0	4
070234	PL.8160	B	Consumer	7.51Y	125.1	0.00	0.90	0.43	0	3	1	95	0.00	0.0	4.002	0.000	3	1	1	1
PL.8151	PL.8160	B	4ACSR	7.51Y	125.1	0.01	0.91	2.32	2	16	6	94	0.00	0.0	4.061	0.059	0	0	0	3
PL.8152	PL.8151	B	4ACSR	7.51Y	125.1	0.00	0.91	1.16	1	8	3	94	0.00	0.0	4.137	0.077	0	0	0	2
PL.8146	PL.8152	B	4ACSR	7.50Y	125.1	0.00	0.92	0.69	1	5	2	93	0.00	0.0	4.262	0.125	0	0	0	1
070254	PL.8146	B	Consumer	7.50Y	125.1	0.00	0.92	0.69	0	5	2	93	0.00	0.0	4.262	0.000	5	2	1	1
PL.40412	PL.8152	B	2ACSR	7.51Y	125.1	0.00	0.91	0.47	0	3	1	95	0.00	0.0	4.163	0.026	0	0	0	1
070253	PL.40412	B	Consumer	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	4.163	0.000	0	0	0	0
0702077	PL.40412	B	Consumer	7.51Y	125.1	0.00	0.91	0.47	0	3	1	95	0.00	0.0	4.163	0.000	3	1	1	1
070257	PL.8151	B	Consumer	7.51Y	125.1	0.00	0.91	1.17	0	8	3	94	0.00	0.0	4.061	0.000	8	3	1	1
PL.27056	PL.12057	B	4ACSR	7.51Y	125.1	0.00	0.86	0.49	0	3	1	95	0.00	0.0	3.834	0.006	0	0	0	2
PD.3279	PL.27056	B	fuse6AMP	7.51Y	125.1	0.00	0.86	0.49	8	3	1	95	0.00	0.0	3.834	0.000	0	0	0	2
PL.32744	PD.3279	B	4ACSR	7.51Y	125.1	0.00	0.86	0.49	0	3	1	95	0.00	0.0	3.909	0.076	0	0	0	2
070262	PL.32744	B	Consumer	7.51Y	125.1	0.00	0.86	0.47	0	3	1	95	0.00	0.0	3.909	0.000	3	1	1	1
PL.32747	PL.32744	B	4ACSR	7.51Y	125.1	0.00	0.86	0.02	0	0	0	100	0.00	0.0	3.930	0.020	0	0	0	1
PL.32748	PL.32747	B	4ACSR	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	3.952	0.023	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.32746	PL.32747	B	4ACSR	7.51Y	125.1	0.00	0.86	0.02	0	0	0	100	0.00	0.0	3.978	0.048	0	0	0	1
0702075	PL.32746	B	Consumer	7.51Y	125.1	0.00	0.86	0.02	0	0	0	100	0.00	0.0	3.978	0.000	0	0	1	1
PL.27062	PL.11766	C	2ACSR	7.36Y	122.7	0.00	3.26	22.97	15	160	56	94	0.00	0.0	3.517	0.006	0	0	0	29
PL.27063	PL.27062	C	4ACSR	7.36Y	122.7	0.03	3.28	22.97	19	160	56	94	0.04	0.0	3.545	0.028	0	0	0	29
PL.27064	PL.27063	C	4ACSR	7.36Y	122.7	0.00	3.29	1.45	1	10	3	96	0.00	0.0	3.551	0.006	0	0	0	3
PD.3281	PL.27064	C	fuse6AMP	7.36Y	122.7	0.00	3.29	1.45	25	10	3	96	0.00	0.0	3.551	0.000	0	0	0	3
PL.38647	PD.3281	C	4ACSR	7.36Y	122.7	0.00	3.29	1.45	1	10	3	96	0.00	0.0	3.605	0.055	0	0	0	3
PL.38648	PL.38647	C	4ACSR	7.36Y	122.7	0.00	3.29	1.08	1	8	3	94	0.00	0.0	3.630	0.025	0	0	0	2
070225	PL.38648	C	Consumer	7.36Y	122.7	0.00	3.29	0.30	0	2	1	89	0.00	0.0	3.630	0.000	2	1	1	1
0702072	PL.38648	C	Consumer	7.36Y	122.7	0.00	3.29	0.78	0	5	2	93	0.00	0.0	3.630	0.000	5	2	1	1
0702076	PL.38647	C	Consumer	7.36Y	122.7	0.00	3.29	0.36	0	3	1	95	0.00	0.0	3.605	0.000	3	1	1	1
PL.27066	PL.27063	C	4ACSR	7.36Y	122.7	0.04	3.32	21.53	18	150	52	94	0.04	0.0	3.584	0.039	0	0	0	26
PL.27067	PL.27066	C	4ACSR	7.36Y	122.7	0.01	3.33	21.53	18	150	52	94	0.01	0.0	3.589	0.005	0	0	0	26
C PD.2413	PL.27067	C	fuse6AMP	7.36Y	122.7	0.00	3.33	21.53	368	150	52	94	0.00	0.0	3.589	0.000	0	0	0	26 C
PL.32706	PD.2413	C	4ACSR	7.35Y	122.6	0.10	3.43	21.53	18	150	52	94	0.12	0.1	3.696	0.107	0	0	0	26
PL.32707	PL.32706	C	4ACSR	7.35Y	122.5	0.06	3.50	19.85	17	138	48	94	0.07	0.0	3.765	0.070	0	0	0	24
PD.501-A	PL.32707	C	Closed	7.35Y	122.5	0.00	3.50	19.85	0	138	48	94	0.00	0.0	3.765	0.000	0	0	0	24
PD.501-B	PD.501-A	C	Closed	7.35Y	122.5	0.00	3.50	19.85	0	138	48	94	0.00	0.0	3.765	0.000	0	0	0	24
PL.27077	PD.501-B	C	4ACSR	7.35Y	122.5	0.01	3.50	19.85	17	138	48	94	0.01	0.0	3.771	0.006	0	0	0	24
PL.31890	PL.27077	C	4ACSR	7.35Y	122.5	0.04	3.55	19.85	17	138	48	94	0.05	0.0	3.820	0.049	0	0	0	24
0702074	PL.31890	C	Consumer	7.35Y	122.5	0.00	3.55	0.00	0	0	0	100	0.00	0.0	3.820	0.000	0	0	0	0
PL.31889	PL.31890	C	4ACSR	7.35Y	122.4	0.03	3.57	19.85	17	138	48	94	0.03	0.0	3.849	0.028	0	0	0	24
PL.11759	PL.31889	C	4ACSR	7.34Y	122.4	0.02	3.59	12.01	10	83	29	94	0.01	0.0	3.888	0.039	0	0	0	14
070233	PL.11759	C	Consumer	7.34Y	122.4	0.00	3.59	0.40	0	3	1	95	0.00	0.0	3.888	0.000	3	1	1	1
PL.45239	PL.11759	C	4ACSR	7.34Y	122.4	0.01	3.60	11.61	10	81	28	95	0.00	0.0	3.900	0.013	0	0	0	13
PD.8627-A	PL.45239	C	Closed	7.34Y	122.4	0.00	3.60	11.61	0	81	28	95	0.00	0.0	3.900	0.000	0	0	0	13
PD.8627-B	PD.8627-A	C	Closed	7.34Y	122.4	0.00	3.60	11.61	0	81	28	95	0.00	0.0	3.900	0.000	0	0	0	13
PL.45238	PD.8627-B	C	4ACSR	7.34Y	122.4	0.02	3.62	11.61	10	81	28	95	0.01	0.0	3.934	0.034	0	0	0	13
PL.11757	PL.45238	C	4ACSR	7.34Y	122.3	0.11	3.72	11.61	10	81	28	95	0.06	0.1	4.136	0.202	0	0	0	13
PL.27079	PL.11757	C	4ACSR	7.34Y	122.3	0.00	3.72	6.41	5	44	15	95	0.00	0.0	4.141	0.005	0	0	0	8
PD.503-A	PL.27079	C	Closed	7.34Y	122.3	0.00	3.72	6.41	0	44	15	95	0.00	0.0	4.141	0.000	0	0	0	8
PD.503-B	PD.503-A	C	Closed	7.34Y	122.3	0.00	3.72	6.41	0	44	15	95	0.00	0.0	4.141	0.000	0	0	0	8
PL.27078	PD.503-B	C	4ACSR	7.33Y	122.2	0.03	3.75	6.41	5	44	15	95	0.01	0.0	4.241	0.100	0	0	0	8
PL.37895	PL.27078	C	4ACSR	7.33Y	122.2	0.00	3.76	3.47	3	24	8	95	0.00	0.0	4.256	0.015	0	0	0	6
PL.37893	PL.37895	C	2ACSR	7.33Y	122.2	0.02	3.77	3.47	2	24	8	95	0.00	0.0	4.394	0.138	0	0	0	6
PL.37896	PL.37893	C	4ACSR	7.33Y	122.2	0.03	3.80	3.47	3	24	8	95	0.00	0.0	4.560	0.167	0	0	0	6
PL.27082	PL.37896	C	4ACSR	7.33Y	122.2	0.00	3.80	0.53	0	4	1	97	0.00	0.0	4.566	0.005	0	0	0	1
PD.2415	PL.27082	C	fuse6AMP	7.33Y	122.2	0.00	3.80	0.53	9	4	1	97	0.00	0.0	4.566	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.27083	PD.2415	C	4ACSR	7.33Y	122.2	0.00	3.80	0.53	0	4	1	97	0.00	0.0	4.588	0.022	0	0	0	1
071230	PL.27083	C	Consumer	7.33Y	122.2	0.00	3.80	0.53	0	4	1	97	0.00	0.0	4.588	0.000	4	1	1	1
PL.11755	PL.37896	C	4ACSR	7.33Y	122.2	0.01	3.81	2.94	2	20	7	94	0.00	0.0	4.625	0.065	0	0	0	5
071224	PL.11755	C	Consumer	7.33Y	122.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	4.625	0.000	0	0	1	1
071223	PL.11755	C	Consumer	7.33Y	122.2	0.00	3.81	0.65	0	4	2	89	0.00	0.0	4.625	0.000	4	2	1	1
0712036	PL.11755	C	Consumer	7.33Y	122.2	0.00	3.81	0.76	0	5	2	93	0.00	0.0	4.625	0.000	5	2	1	1
071217	PL.11755	C	Consumer	7.33Y	122.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	4.625	0.000	0	0	0	0
PL.30814	PL.11755	C	4ACSR	7.33Y	122.2	0.00	3.81	1.54	1	11	4	94	0.00	0.0	4.657	0.032	0	0	0	2
PL.30816	PL.30814	C	4ACSR	7.33Y	122.2	0.00	3.81	1.54	1	11	4	94	0.00	0.0	4.663	0.006	0	0	0	2
PL.30818	PL.30816	C	4ACSR	7.33Y	122.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	4.753	0.091	0	0	0	0
PD.502-B	PL.30818	C	Open	7.33Y	122.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	4.753	0.000	0	0	0	0
PL.45242	PL.30816	C	4ACSR	7.33Y	122.2	0.00	3.81	1.54	1	11	4	94	0.00	0.0	4.669	0.007	0	0	0	2
PD.8629	PL.45242	C	fuse6AMP	7.33Y	122.2	0.00	3.81	1.54	26	11	4	94	0.00	0.0	4.669	0.000	0	0	0	2
PL.45243	PD.8629	C	4ACSR	7.33Y	122.2	0.00	3.81	1.54	1	11	4	94	0.00	0.0	4.717	0.048	0	0	0	2
071222	PL.45243	C	Consumer	7.33Y	122.2	0.00	3.81	0.53	0	4	1	97	0.00	0.0	4.717	0.000	4	1	1	1
071225	PL.45243	C	Consumer	7.33Y	122.2	0.00	3.81	1.02	0	7	2	96	0.00	0.0	4.717	0.000	7	2	1	1
PL.45240	PL.27078	C	4ACSR	7.33Y	122.2	0.00	3.75	2.94	2	20	7	94	0.00	0.0	4.248	0.007	0	0	0	2
PD.8628	PL.45240	C	fuse6AMP	7.33Y	122.2	0.00	3.75	2.94	50	20	7	94	0.00	0.0	4.248	0.000	0	0	0	2
PL.45241	PD.8628	C	4ACSR	7.33Y	122.2	0.01	3.76	2.94	2	20	7	94	0.00	0.0	4.321	0.073	0	0	0	2
071234	PL.45241	C	Consumer	7.33Y	122.2	0.00	3.76	1.33	0	9	3	95	0.00	0.0	4.321	0.000	9	3	1	1
PL.40818	PL.45241	C	2ACSR	7.33Y	122.2	0.00	3.77	1.61	1	11	4	94	0.00	0.0	4.395	0.074	0	0	0	1
0712038	PL.40818	C	Consumer	7.33Y	122.2	0.00	3.77	1.61	0	11	4	94	0.00	0.0	4.395	0.000	11	4	1	1
071210	PL.11757	C	Consumer	7.34Y	122.3	0.00	3.72	0.81	0	6	2	95	0.00	0.0	4.136	0.000	6	2	1	1
071227	PL.11757	C	Consumer	7.34Y	122.3	0.00	3.72	0.83	0	6	2	95	0.00	0.0	4.136	0.000	6	2	1	1
071235	PL.11757	C	Consumer	7.34Y	122.3	0.00	3.72	0.00	0	0	0	100	0.00	0.0	4.136	0.000	0	0	0	0
071203	PL.11757	C	Consumer	7.34Y	122.3	0.00	3.72	1.07	0	7	3	92	0.00	0.0	4.136	0.000	7	3	1	1
PL.27080	PL.11757	C	4ACSR	7.34Y	122.3	0.00	3.72	2.49	2	17	6	94	0.00	0.0	4.141	0.006	0	0	0	2
PD.2416	PL.27080	C	fuse6AMP	7.34Y	122.3	0.00	3.72	2.49	43	17	6	94	0.00	0.0	4.141	0.000	0	0	0	2
PL.27081	PD.2416	C	4ACSR	7.34Y	122.3	0.01	3.73	2.49	2	17	6	94	0.00	0.0	4.223	0.082	0	0	0	2
PL.8135	PL.27081	C	4ACSR	7.34Y	122.3	0.01	3.74	2.49	2	17	6	94	0.00	0.0	4.287	0.063	0	0	0	2
PL.8136	PL.8135	C	4ACSR	7.34Y	122.3	0.01	3.75	2.49	2	17	6	94	0.00	0.0	4.342	0.056	0	0	0	2
071220	PL.8136	C	Consumer	7.34Y	122.3	0.00	3.75	0.97	0	7	2	96	0.00	0.0	4.342	0.000	7	2	1	1
PL.8137	PL.8136	C	4ACSR	7.34Y	122.3	0.00	3.75	1.52	1	11	4	94	0.00	0.0	4.343	0.000	0	0	0	1
PL.8138	PL.8137	C	4ACSR	7.33Y	122.2	0.00	3.75	1.52	1	11	4	94	0.00	0.0	4.395	0.052	0	0	0	1
PL.24430	PL.8138	C	4ACSR	7.33Y	122.2	0.01	3.76	1.52	1	11	4	94	0.00	0.0	4.483	0.088	0	0	0	1
PL.24431	PL.24430	C	4ACSR	7.33Y	122.2	0.01	3.76	1.52	1	11	4	94	0.00	0.0	4.578	0.095	0	0	0	1
071221	PL.24431	C	Consumer	7.33Y	122.2	0.00	3.76	1.52	0	11	4	94	0.00	0.0	4.578	0.000	11	4	1	1
070237	PL.31889	C	Consumer	7.35Y	122.4	0.00	3.57	1.00	0	7	2	96	0.00	0.0	3.849	0.000	7	2	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
070226	PL.31889	C	Consumer	7.35Y	122.4	0.00	3.57	0.77	0	5	2	93	0.00	0.0	3.849	0.000	5	2	1	1
PL.27074	PL.31889	C	4ACSR	7.35Y	122.4	0.00	3.57	6.07	5	42	15	94	0.00	0.0	3.854	0.005	0	0	0	8
C PD.2414	PL.27074	C	fuse6AMP	7.35Y	122.4	0.00	3.57	6.07	104	42	15	94	0.00	0.0	3.854	0.000	0	0	0	8 C
PL.27075	PD.2414	C	4ACSR	7.34Y	122.4	0.02	3.59	6.07	5	42	15	94	0.01	0.0	3.922	0.068	0	0	0	8
070203	PL.27075	C	Consumer	7.34Y	122.4	0.00	3.59	0.83	0	6	2	95	0.00	0.0	3.922	0.000	6	2	1	1
PL.11761	PL.27075	C	4ACSR	7.34Y	122.4	0.01	3.60	5.24	4	36	13	94	0.00	0.0	3.979	0.057	0	0	0	7
070258	PL.11761	C	Consumer	7.34Y	122.4	0.00	3.60	1.31	0	9	3	95	0.00	0.0	3.979	0.000	9	3	1	1
PL.11762	PL.11761	C	4ACSR	7.34Y	122.4	0.01	3.61	3.93	3	27	9	95	0.00	0.0	4.031	0.052	0	0	0	6
PL.11763	PL.11762	C	4ACSR	7.34Y	122.4	0.00	3.61	3.28	3	23	8	94	0.00	0.0	4.037	0.005	0	0	0	5
PL.11764	PL.11763	C	4ACSR	7.34Y	122.4	0.00	3.62	2.54	2	18	6	95	0.00	0.0	4.064	0.027	0	0	0	4
PL.11765	PL.11764	C	4ACSR	7.34Y	122.4	0.00	3.62	0.67	1	5	2	93	0.00	0.0	4.132	0.069	0	0	0	1
070210	PL.11765	C	Consumer	7.34Y	122.4	0.00	3.62	0.67	0	5	2	93	0.00	0.0	4.132	0.000	5	2	1	1
070256	PL.11764	C	Consumer	7.34Y	122.4	0.00	3.62	0.96	0	7	2	96	0.00	0.0	4.064	0.000	7	2	1	1
070208	PL.11764	C	Consumer	7.34Y	122.4	0.00	3.62	0.84	0	6	2	95	0.00	0.0	4.064	0.000	6	2	1	1
070211	PL.11764	C	Consumer	7.34Y	122.4	0.00	3.62	0.07	0	0	0	100	0.00	0.0	4.064	0.000	0	0	1	1
PL.8142	PL.11763	C	4ACSR	7.34Y	122.4	0.00	3.62	0.74	1	5	2	93	0.00	0.0	4.047	0.010	0	0	0	1
070228	PL.8142	C	Consumer	7.34Y	122.4	0.00	3.62	0.74	0	5	2	93	0.00	0.0	4.047	0.000	5	2	1	1
PL.8161	PL.8142	C	4ACSR	7.34Y	122.4	0.00	3.62	0.00	0	0	0	100	0.00	0.0	4.144	0.097	0	0	0	0
PL.8162	PL.8161	C	4ACSR	7.34Y	122.4	0.00	3.62	0.00	0	0	0	100	0.00	0.0	4.198	0.054	0	0	0	0
070264	PL.8162	C	Consumer	7.34Y	122.4	0.00	3.62	0.00	0	0	0	100	0.00	0.0	4.198	0.000	0	0	0	0
070263	PL.8161	C	Consumer	7.34Y	122.4	0.00	3.62	0.00	0	0	0	100	0.00	0.0	4.144	0.000	0	0	0	0
070218	PL.11762	C	Consumer	7.34Y	122.4	0.00	3.61	0.65	0	4	2	89	0.00	0.0	4.031	0.000	4	2	1	1
PL.32705	PL.32706	C	4ACSR	7.35Y	122.6	0.00	3.44	1.68	1	12	4	95	0.00	0.0	3.734	0.038	0	0	0	2
070274	PL.32705	C	Consumer	7.35Y	122.6	0.00	3.44	0.90	0	6	2	95	0.00	0.0	3.734	0.000	6	2	1	1
0702080	PL.32705	C	Consumer	7.35Y	122.6	0.00	3.44	0.00	0	0	0	100	0.00	0.0	3.734	0.000	0	0	0	0
0702073	PL.32705	C	Consumer	7.35Y	122.6	0.00	3.44	0.78	0	5	2	93	0.00	0.0	3.734	0.000	5	2	1	1
PL.27070	PL.8148	C	4ACSR	7.37Y	122.8	0.00	3.23	1.81	2	13	4	96	0.00	0.0	3.416	0.006	0	0	0	4
PD.2418	PL.27070	C	fuse6AMP	7.37Y	122.8	0.00	3.23	1.81	31	13	4	96	0.00	0.0	3.416	0.000	0	0	0	4
PL.42168	PD.2418	C	4ACSR	7.37Y	122.8	0.01	3.24	1.81	2	13	4	96	0.00	0.0	3.562	0.146	0	0	0	4
PL.42169	PL.42168	C	4ACSR	7.36Y	122.7	0.02	3.25	1.81	2	13	4	96	0.00	0.0	3.759	0.196	0	0	0	4
PL.4778	PL.42169	C	4ACSR	7.36Y	122.7	0.00	3.26	0.94	1	7	2	96	0.00	0.0	3.792	0.034	0	0	0	1
070268	PL.4778	C	Consumer	7.36Y	122.7	0.00	3.26	0.94	0	7	2	96	0.00	0.0	3.792	0.000	7	2	1	1
PL.44662	PL.42169	C	4ACSR	7.36Y	122.7	0.00	3.26	0.86	1	6	2	95	0.00	0.0	3.836	0.077	0	0	0	3
0712039	PL.44662	C	Consumer	7.36Y	122.7	0.00	3.26	0.50	0	3	1	95	0.00	0.0	3.836	0.000	3	1	1	1
PL.44663	PL.44662	C	4ACSR	7.36Y	122.7	0.00	3.26	0.37	0	3	1	95	0.00	0.0	3.885	0.049	0	0	0	2
PL.41310	PL.44663	C	4ACSR	7.36Y	122.7	0.00	3.26	0.00	0	0	0	100	0.00	0.0	3.897	0.012	0	0	0	1
PL.44660	PL.41310	C	4ACSR	7.36Y	122.7	0.00	3.26	0.00	0	0	0	100	0.00	0.0	3.936	0.039	0	0	0	1
0712040	PL.44660	C	Consumer	7.36Y	122.7	0.00	3.26	0.00	0	0	0	100	0.00	0.0	3.936	0.000	0	0	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	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PL.44661	PL.44660	C	4ACSR	7.36Y	122.7	0.00	3.26	0.00	0	0	0	100	0.00	0.0	3.973	0.038	0	0	0	0
071233	PL.44663	C	Consumer	7.36Y	122.7	0.00	3.26	0.36	0	3	1	95	0.00	0.0	3.885	0.000	3	1	1	1
PL.42167	PL.42168	C	2ACSR	7.37Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	3.750	0.187	0	0	0	0
0702078	PL.42167	C	Consumer	7.37Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	3.750	0.000	0	0	0	0
070201	PL.11774	B	Consumer	7.51Y	125.2	0.00	0.77	0.27	0	2	1	89	0.00	0.0	3.347	0.000	2	1	1	1
PL.27072	PL.11773	A	336ACSR	7.40Y	123.4	0.00	2.61	0.00	0	0	0	100	0.00	0.0	3.143	0.006	0	0	0	0
		B		7.52Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
		C		7.37Y	122.9	0.00	3.15	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
PD.3270	PL.27072	A	fuse6AMP	7.40Y	123.4	0.00	2.61	0.00	0	0	0	100	0.00	0.0	3.143	0.000	0	0	0	0
		B		7.52Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
		C		7.37Y	122.9	0.00	3.15	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
PL.27073	PD.3270	A	336ACSR	7.40Y	123.4	0.00	2.61	0.00	0	0	0	100	0.00	0.0	3.234	0.091	0	0	0	0
		B		7.52Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
		C		7.37Y	122.9	0.00	3.15	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
PL.22770	PL.11403	A	4ACSR	7.40Y	123.4	0.01	2.60	13.90	12	97	34	94	0.00	0.0	2.732	0.009	0	0	0	20
PD.3507	PL.22770	A	35V4E	7.40Y	123.4	0.00	2.60	13.90	40	97	34	94	0.00	0.0	2.732	0.000	0	0	0	20
PL.22771	PD.3507	A	4ACSR	7.40Y	123.4	0.02	2.63	13.90	12	97	34	94	0.02	0.0	2.771	0.038	0	0	0	20
019254	PL.22771	A	Consumer	7.40Y	123.4	0.00	2.63	0.90	0	6	2	95	0.00	0.0	2.771	0.000	6	2	1	1
019244	PL.22771	A	Consumer	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	2.771	0.000	0	0	1	1
019208	PL.22771	A	Consumer	7.40Y	123.4	0.00	2.63	0.97	0	7	2	96	0.00	0.0	2.771	0.000	7	2	1	1
019272	PL.22771	A	Consumer	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	2.771	0.000	0	0	0	0
019246	PL.22771	A	Consumer	7.40Y	123.4	0.00	2.63	0.31	0	2	1	89	0.00	0.0	2.771	0.000	2	1	1	1
PL.4858	PL.22771	A	4ACSR	7.40Y	123.3	0.05	2.68	11.72	10	82	28	95	0.03	0.0	2.864	0.094	0	0	0	16
PL.4857	PL.4858	A	4ACSR	7.40Y	123.3	0.04	2.72	10.38	9	73	25	95	0.02	0.0	2.951	0.087	0	0	0	14
PL.11404	PL.4857	A	4ACSR	7.40Y	123.3	0.01	2.73	7.87	7	55	19	95	0.00	0.0	2.972	0.021	0	0	0	10
PL.11405	PL.11404	A	4ACSR	7.40Y	123.3	0.01	2.74	2.52	2	18	6	95	0.00	0.0	3.084	0.112	0	0	0	6
PL.11406	PL.11405	A	4ACSR	7.40Y	123.3	0.00	2.74	0.61	1	4	1	97	0.00	0.0	3.164	0.080	0	0	0	1
PL.17481	PL.11406	A	4ACSR	7.40Y	123.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	3.211	0.047	0	0	0	0
PD.152-A	PL.17481	A	Open	7.40Y	123.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	3.211	0.000	0	0	0	0
019257	PL.11406	A	Consumer	7.40Y	123.3	0.00	2.74	0.61	0	4	1	97	0.00	0.0	3.164	0.000	4	1	1	1
0192116	PL.11406	A	Consumer	7.40Y	123.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	3.164	0.000	0	0	0	0
019213	PL.11406	A	Consumer	7.40Y	123.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	3.164	0.000	0	0	0	0
019263	PL.11406	A	Consumer	7.40Y	123.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	3.164	0.000	0	0	0	0
019215	PL.11405	A	Consumer	7.40Y	123.3	0.00	2.74	0.45	0	3	1	95	0.00	0.0	3.084	0.000	3	1	1	1
019266	PL.11405	A	Consumer	7.40Y	123.3	0.00	2.74	0.09	0	1	0	100	0.00	0.0	3.084	0.000	1	0	1	1
019229	PL.11405	A	Consumer	7.40Y	123.3	0.00	2.74	0.58	0	4	1	97	0.00	0.0	3.084	0.000	4	1	1	1
019223	PL.11405	A	Consumer	7.40Y	123.3	0.00	2.74	0.51	0	4	1	97	0.00	0.0	3.084	0.000	4	1	1	1
019241	PL.11405	A	Consumer	7.40Y	123.3	0.00	2.74	0.27	0	2	1	89	0.00	0.0	3.084	0.000	2	1	1	1
PL.16692	PL.11404	A	4ACSR	7.40Y	123.3	0.00	2.73	5.35	4	37	13	94	0.00	0.0	2.977	0.005	0	0	0	4
C PD.1906	PL.16692	A	fuse6AMP	7.40Y	123.3	0.00	2.73	5.35	91	37	13	94	0.00	0.0	2.977	0.000	0	0	0	4 C
PL.16693	PD.1906	A	4ACSR	7.40Y	123.3	0.00	2.73	5.35	4	37	13	94	0.00	0.0	2.997	0.020	0	0	0	4

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.4856	PL.16693	A	4ACSR	7.40Y	123.3	0.01	2.74	4.36	4	30	11	94	0.00	0.0	3.041	0.044	0	0	0	3
PL.1216	PL.4856	A	4ACSR	7.40Y	123.3	0.01	2.75	1.97	2	14	5	94	0.00	0.0	3.129	0.087	0	0	0	1
019239	PL.1216	A	Consumer	7.40Y	123.3	0.00	2.75	1.97	0	14	5	94	0.00	0.0	3.129	0.000	14	5	1	1
019256	PL.4856	A	Consumer	7.40Y	123.3	0.00	2.74	1.00	0	7	2	96	0.00	0.0	3.041	0.000	7	2	1	1
PL.16690	PL.4856	A	4ACSR	7.40Y	123.3	0.00	2.74	1.39	1	10	3	96	0.00	0.0	3.046	0.005	0	0	0	1
PD.1929	PL.16690	A	fuse6AMP	7.40Y	123.3	0.00	2.74	1.39	24	10	3	96	0.00	0.0	3.046	0.000	0	0	0	1
PL.16691	PD.1929	A	4ACSR	7.40Y	123.3	0.01	2.75	1.39	1	10	3	96	0.00	0.0	3.131	0.085	0	0	0	1
PL.1634	PL.16691	A	4ACSR	7.40Y	123.3	0.00	2.75	1.39	1	10	3	96	0.00	0.0	3.156	0.025	0	0	0	1
0192106	PL.1634	A	Consumer	7.40Y	123.3	0.00	2.75	1.39	0	10	3	96	0.00	0.0	3.156	0.000	10	3	1	1
019251	PL.16693	A	Consumer	7.40Y	123.3	0.00	2.73	0.99	0	7	2	96	0.00	0.0	2.997	0.000	7	2	1	1
019237	PL.4857	A	Consumer	7.40Y	123.3	0.00	2.72	0.13	0	1	0	100	0.00	0.0	2.951	0.000	1	0	1	1
019209	PL.4857	A	Consumer	7.40Y	123.3	0.00	2.72	0.83	0	6	2	95	0.00	0.0	2.951	0.000	6	2	1	1
019205	PL.4857	A	Consumer	7.40Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	2.951	0.000	0	0	0	0
019255	PL.4857	A	Consumer	7.40Y	123.3	0.00	2.72	0.37	0	3	1	95	0.00	0.0	2.951	0.000	3	1	1	1
019233	PL.4857	A	Consumer	7.40Y	123.3	0.00	2.72	1.18	0	8	3	94	0.00	0.0	2.951	0.000	8	3	1	1
019210	PL.4858	A	Consumer	7.40Y	123.3	0.00	2.68	0.70	0	5	2	93	0.00	0.0	2.864	0.000	5	2	1	1
019228	PL.4858	A	Consumer	7.40Y	123.3	0.00	2.68	0.64	0	5	2	93	0.00	0.0	2.864	0.000	5	2	1	1
PL.16686	PL.11402	A	4ACSR	7.40Y	123.4	0.00	2.58	3.31	3	22	10	91	0.00	0.0	2.670	0.006	0	0	0	3
PD.1918	PL.16686	A	fuse6AMP	7.40Y	123.4	0.00	2.58	3.31	57	22	10	91	0.00	0.0	2.670	0.000	0	0	0	3
PL.16687	PD.1918	A	4ACSR	7.40Y	123.4	0.01	2.59	3.31	3	22	10	91	0.00	0.0	2.712	0.042	0	0	0	3
019207	PL.16687	A	Consumer	7.40Y	123.4	0.00	2.59	0.92	0	6	2	95	0.00	0.0	2.712	0.000	6	2	1	1
019235	PL.16687	A	Consumer	7.40Y	123.4	0.00	2.59	0.29	0	2	1	89	0.00	0.0	2.712	0.000	2	1	1	1
019230	PL.16687	A	Consumer	7.40Y	123.4	0.00	2.59	2.10	0	14	7	89	0.00	0.0	2.712	0.000	14	7	1	1
019335	PL.4863	C	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	2.483	0.000	0	0	1	1
019330	PL.4863	A	Consumer	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	2.483	0.000	0	0	0	0
019334	PL.4863	B	Consumer	7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	2.483	0.000	0	0	0	0
PL.1231	PL.4863	A	336ACSR	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	2.522	0.040	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		7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
0193118	PL.9944	A	Consumer	7.41Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	2.176	0.000	0	0	1	1
PL.18929	PL.18747	B	4ACSR	7.52Y	125.3	0.00	0.75	0.71	1	5	2	93	0.00	0.0	2.125	0.012	0	0	0	1
PD.1806	PL.18929	B	fuse6AMP	7.52Y	125.3	0.00	0.75	0.71	12	5	2	93	0.00	0.0	2.125	0.000	0	0	0	1
PL.18930	PD.1806	B	4ACSR	7.52Y	125.3	0.00	0.75	0.71	1	5	2	93	0.00	0.0	2.153	0.028	0	0	0	1
019349	PL.18930	B	Consumer	7.52Y	125.3	0.00	0.75	0.71	0	5	2	93	0.00	0.0	2.153	0.000	5	2	1	1
PL.4864	PL.11722	A	4ACSR	7.41Y	123.6	0.02	2.42	15.43	13	108	38	94	0.07	0.0	2.112	0.041	0	0	0	24
		C		7.39Y	123.2	0.04	2.84	23.00	19	161	56	94			0	0	0	0	37	
PL.17850	PL.4864	A	4ACSR	7.41Y	123.6	0.03	2.45	15.27	13	107	37	95	0.09	0.0	2.169	0.057	0	0	0	23
		C		7.39Y	123.1	0.06	2.90	21.85	18	152	53	94			0	0	0	0	34	
PD.3363	PL.17850	A	50V4E	7.41Y	123.6	0.00	2.45	15.27	31	107	37	95	0.00	0.0	2.169	0.000	0	0	0	23
		C		7.39Y	123.1	0.00	2.90	21.85	44	152	53	94			0	0	0	0	34	

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.17851	PD.3363	A C	4ACSR	7.41Y 7.38Y	123.5 123.0	0.03 0.06	2.47 2.96	15.27 21.85	13 18	107 152	37 53	95 94	0.09 0.00	0.0	2.224	0.055	0	0	0	23 34	
PL.72	PL.17851	A C	4ACSR	7.41Y 7.38Y	123.5 123.0	0.01 0.03	2.49 2.99	14.71 21.02	12 18	103 147	36 51	94 94	0.05 0.00	0.0	2.255	0.030	0	0	0	22 33	
019326	PL.72	A	Consumer	7.41Y	123.5	0.00	2.49	0.55	0	4	1	97	0.00	0.0	2.255	0.000	4	1	1	1	
019366	PL.72	A	Consumer	7.41Y	123.5	0.00	2.49	0.42	0	3	1	95	0.00	0.0	2.255	0.000	3	1	1	1	
019347	PL.72	A	Consumer	7.41Y	123.5	0.00	2.49	0.30	0	2	1	89	0.00	0.0	2.255	0.000	2	1	1	1	
PL.27546	PL.72	C	4ACSR	7.38Y	123.0	0.01	3.00	21.02	18	147	51	94	0.01	0.0	2.265	0.010	0	0	0	33	
PD.150-A	PL.27546	C	Closed	7.38Y	123.0	0.00	3.00	21.02	0	147	51	94	0.00	0.0	2.265	0.000	0	0	0	33	
PD.150-B	PD.150-A	C	Closed	7.38Y	123.0	0.00	3.00	21.02	0	147	51	94	0.00	0.0	2.265	0.000	0	0	0	33	
PL.27547	PD.150-B	C	4ACSR	7.38Y	122.9	0.08	3.08	21.02	18	147	51	94	0.09	0.1	2.348	0.084	0	0	0	33	
019325	PL.27547	C	Consumer	7.38Y	122.9	0.00	3.08	0.86	0	6	2	95	0.00	0.0	2.348	0.000	6	2	1	1	
0193121	PL.27547	C	Consumer	7.38Y	122.9	0.00	3.08	0.00	0	0	0	100	0.00	0.0	2.348	0.000	0	0	0	0	
019384	PL.27547	C	Consumer	7.38Y	122.9	0.00	3.08	1.00	0	7	2	96	0.00	0.0	2.348	0.000	7	2	1	1	
PL.24532	PL.27547	C	4ACSR	7.37Y	122.9	0.04	3.12	19.16	16	133	46	95	0.04	0.0	2.393	0.045	0	0	0	31	
PL.24533	PL.24532	C	4ACSR	7.37Y	122.9	0.03	3.15	19.16	16	133	46	95	0.03	0.0	2.431	0.038	0	0	0	31	
0193111	PL.24533	C	Consumer	7.37Y	122.9	0.00	3.15	0.00	0	0	0	100	0.00	0.0	2.431	0.000	0	0	0	0	
019322	PL.24533	C	Consumer	7.37Y	122.9	0.00	3.15	0.00	0	0	0	100	0.00	0.0	2.431	0.000	0	0	0	0	
019320	PL.24533	C	Consumer	7.37Y	122.9	0.00	3.15	0.68	0	5	2	93	0.00	0.0	2.431	0.000	5	2	1	1	
PL.17848	PL.24533	C	4ACSR	7.37Y	122.8	0.01	3.16	18.49	16	129	45	94	0.01	0.0	2.438	0.006	0	0	0	30	
C PD.1908	PL.17848	C	fuse6AMP	7.37Y	122.8	0.00	3.16	18.49	316	129	45	94	0.00	0.0	2.438	0.000	0	0	0	30 C	
PL.17849	PD.1908	C	4ACSR	7.37Y	122.8	0.07	3.23	18.49	16	129	45	94	0.07	0.1	2.524	0.087	0	0	0	30	
PL.27605	PL.17849	C	4ACSR	7.37Y	122.8	0.00	3.23	1.27	1	9	3	95	0.00	0.0	2.529	0.005	0	0	0	2	
PD.1910	PL.27605	C	fuse6AMP	7.37Y	122.8	0.00	3.23	1.27	22	9	3	95	0.00	0.0	2.529	0.000	0	0	0	2	
PL.27606	PD.1910	C	4ACSR	7.37Y	122.8	0.00	3.23	1.27	1	9	3	95	0.00	0.0	2.556	0.027	0	0	0	2	
019321	PL.27606	C	Consumer	7.37Y	122.8	0.00	3.23	0.55	0	4	1	97	0.00	0.0	2.556	0.000	4	1	1	1	
019323	PL.27606	C	Consumer	7.37Y	122.8	0.00	3.23	0.72	0	5	2	93	0.00	0.0	2.556	0.000	5	2	1	1	
PL.1548	PL.17849	C	4ACSR	7.37Y	122.8	0.00	3.23	1.89	2	13	5	93	0.00	0.0	2.561	0.037	0	0	0	3	
019317	PL.1548	C	Consumer	7.37Y	122.8	0.00	3.23	1.02	0	7	2	96	0.00	0.0	2.561	0.000	7	2	1	1	
019318	PL.1548	C	Consumer	7.37Y	122.8	0.00	3.23	0.83	0	6	2	95	0.00	0.0	2.561	0.000	6	2	1	1	
019319	PL.1548	C	Consumer	7.37Y	122.8	0.00	3.23	0.03	0	0	0	100	0.00	0.0	2.561	0.000	0	0	1	1	
PL.27623	PL.17849	C	4ACSR	7.37Y	122.8	0.00	3.23	15.33	13	107	37	95	0.00	0.0	2.530	0.006	0	0	0	25	
C PD.1909	PL.27623	C	fuse6AMP	7.37Y	122.8	0.00	3.23	15.33	262	107	37	95	0.00	0.0	2.530	0.000	0	0	0	25 C	
PL.27624	PD.1909	C	4ACSR	7.37Y	122.8	0.02	3.25	15.33	13	107	37	95	0.01	0.0	2.555	0.025	0	0	0	25	
PL.20108	PL.27624	C	4ACSR	7.36Y	122.7	0.00	3.25	14.08	12	98	34	94	0.00	0.0	2.561	0.006	0	0	0	23	
C PD.1911	PL.20108	C	fuse6AMP	7.36Y	122.7	0.00	3.25	14.08	240	98	34	94	0.00	0.0	2.561	0.000	0	0	0	23 C	
PL.29191	PD.1911	C	4ACSR	7.36Y	122.7	0.03	3.29	14.08	12	98	34	94	0.02	0.0	2.612	0.051	0	0	0	23	
PL.28939	PL.29191	C	4ACSR	7.36Y	122.7	0.00	3.29	14.08	12	98	34	94	0.00	0.0	2.615	0.003	0	0	0	23	
PL.28951	PL.28939	C	4ACSR	7.36Y	122.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	2.616	0.001	0	0	0	0	

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
PD.3661-B	PL.28951	C	Open	7.36Y	122.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	2.616	0.000	0	0	0	0
PL.29002	PL.28939	C	4ACSR	7.36Y	122.7	0.03	3.32	14.08	12	98	34	94	0.02	0.0	2.661	0.046	0	0	0	23
PL.4861	PL.29002	C	4ACSR	7.36Y	122.7	0.02	3.34	12.88	11	90	31	95	0.02	0.0	2.700	0.039	0	0	0	20
PL.6091	PL.4861	C	4ACSR	7.36Y	122.6	0.02	3.36	12.20	10	85	29	95	0.01	0.0	2.738	0.039	0	0	0	19
0193110	PL.6091	C	Consumer	7.36Y	122.6	0.00	3.36	0.00	0	0	0	100	0.00	0.0	2.738	0.000	0	0	0	0
019392	PL.6091	C	Consumer	7.36Y	122.6	0.00	3.36	0.75	0	5	2	93	0.00	0.0	2.738	0.000	5	2	1	1
PL.11734	PL.6091	C	4ACSR	7.36Y	122.6	0.04	3.40	11.45	10	80	28	94	0.03	0.0	2.820	0.082	0	0	0	18
PL.27753	PL.11734	C	4ACSR	7.35Y	122.6	0.03	3.43	11.19	9	78	27	94	0.01	0.0	2.869	0.049	0	0	0	17
C PD.1928	PL.27753	C	fuse6AMP	7.35Y	122.6	0.00	3.43	11.19	191	78	27	94	0.00	0.0	2.869	0.000	0	0	0	17
PL.27754	PD.1928	C	4ACSR	7.35Y	122.6	0.00	3.43	11.19	9	78	27	94	0.00	0.0	2.876	0.006	0	0	0	17
PL.4859	PL.27754	C	4ACSR	7.35Y	122.6	0.00	3.43	0.47	0	3	1	95	0.00	0.0	2.954	0.078	0	0	0	1
019344	PL.4859	C	Consumer	7.35Y	122.6	0.00	3.43	0.47	0	3	1	95	0.00	0.0	2.954	0.000	3	1	1	1
019352	PL.4859	C	Consumer	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	2.954	0.000	0	0	0	0
PL.4860	PL.4859	C	4ACSR	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	2.954	0.000	0	0	0	0
PL.17145	PL.27754	C	4ACSR	7.35Y	122.6	0.00	3.43	3.07	3	21	7	95	0.00	0.0	2.883	0.007	0	0	0	5
PD.1927	PL.17145	C	fuse6AMP	7.35Y	122.6	0.00	3.43	3.07	52	21	7	95	0.00	0.0	2.883	0.000	0	0	0	5
PL.17146	PD.1927	C	4ACSR	7.35Y	122.6	0.01	3.45	3.07	3	21	7	95	0.00	0.0	2.965	0.082	0	0	0	5
PL.1223	PL.17146	C	4ACSR	7.35Y	122.6	0.00	3.45	1.31	1	9	3	95	0.00	0.0	2.987	0.022	0	0	0	2
019386	PL.1223	C	Consumer	7.35Y	122.6	0.00	3.45	1.31	0	9	3	95	0.00	0.0	2.987	0.000	9	3	1	1
0193101	PL.1223	C	Consumer	7.35Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	2.987	0.000	0	0	1	1
019348	PL.1223	C	Consumer	7.35Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	2.987	0.000	0	0	0	0
PL.11735	PL.17146	C	4ACSR	7.35Y	122.5	0.01	3.45	1.75	1	12	4	95	0.00	0.0	3.035	0.070	0	0	0	3
019351	PL.11735	C	Consumer	7.35Y	122.5	0.00	3.45	1.10	0	8	3	94	0.00	0.0	3.035	0.000	8	3	1	1
019337	PL.11735	C	Consumer	7.35Y	122.5	0.00	3.45	0.43	0	3	1	95	0.00	0.0	3.035	0.000	3	1	1	1
019339	PL.11735	C	Consumer	7.35Y	122.5	0.00	3.45	0.23	0	2	1	89	0.00	0.0	3.035	0.000	2	1	1	1
PL.17147	PL.11735	C	4ACSR	7.35Y	122.5	0.00	3.45	0.00	0	0	0	100	0.00	0.0	3.070	0.035	0	0	0	0
PD.146-A	PL.17147	C	Open	7.35Y	122.5	0.00	3.45	0.00	0	0	0	100	0.00	0.0	3.070	0.000	0	0	0	0
PL.1225	PL.27754	C	4ACSR	7.35Y	122.6	0.01	3.44	6.37	5	44	15	95	0.00	0.0	2.911	0.035	0	0	0	9
PL.5762	PL.1225	C	4ACSR	7.35Y	122.5	0.01	3.46	6.37	5	44	15	95	0.00	0.0	2.957	0.046	0	0	0	9
PL.5763	PL.5762	C	4ACSR	7.35Y	122.5	0.00	3.46	5.93	5	41	14	95	0.00	0.0	2.969	0.012	0	0	0	8
PL.5764	PL.5763	C	4ACSR	7.35Y	122.5	0.02	3.48	5.22	4	36	13	94	0.00	0.0	3.035	0.066	0	0	0	6
019390	PL.5764	C	Consumer	7.35Y	122.5	0.00	3.48	0.34	0	2	1	89	0.00	0.0	3.035	0.000	2	1	1	1
019356	PL.5764	C	Consumer	7.35Y	122.5	0.00	3.48	0.00	0	0	0	100	0.00	0.0	3.035	0.000	0	0	0	0
PL.4855	PL.5764	C	4ACSR	7.35Y	122.5	0.01	3.48	4.88	4	34	12	94	0.00	0.0	3.063	0.028	0	0	0	5
019396	PL.4855	C	Consumer	7.35Y	122.5	0.00	3.48	1.00	0	7	2	96	0.00	0.0	3.063	0.000	7	2	1	1
019373	PL.4855	C	Consumer	7.35Y	122.5	0.00	3.48	1.12	0	8	3	94	0.00	0.0	3.063	0.000	8	3	1	1
019374	PL.4855	C	Consumer	7.35Y	122.5	0.00	3.48	1.28	0	9	3	95	0.00	0.0	3.063	0.000	9	3	1	1
PL.1221	PL.4855	C	4ACSR	7.35Y	122.5	0.00	3.48	1.48	1	10	4	93	0.00	0.0	3.092	0.028	0	0	0	2

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.4486	PL.1221	C	4ACSR	7.35Y	122.5	0.00	3.48	1.48	1	10	4	93	0.00	0.0	3.093	0.001	0	0	0	2
019367	PL.4486	C	Consumer	7.35Y	122.5	0.00	3.48	0.92	0	6	2	95	0.00	0.0	3.093	0.000	6	2	1	1
PL.4487	PL.4486	C	4ACSR	7.35Y	122.5	0.00	3.48	0.56	0	4	1	97	0.00	0.0	3.099	0.006	0	0	0	1
PL.8149	PL.4487	C	4ACSR	7.35Y	122.5	0.00	3.48	0.56	0	4	1	97	0.00	0.0	3.120	0.021	0	0	0	1
PL.8150	PL.8149	C	4ACSR	7.35Y	122.5	0.00	3.48	0.00	0	0	0	100	0.00	0.0	3.120	0.000	0	0	0	0
070322	PL.8149	C	Consumer	7.35Y	122.5	0.00	3.48	0.56	0	4	1	97	0.00	0.0	3.120	0.000	4	1	1	1
019358	PL.5763	C	Consumer	7.35Y	122.5	0.00	3.46	0.40	0	3	1	95	0.00	0.0	2.969	0.000	3	1	1	1
0193122	PL.5763	C	Consumer	7.35Y	122.5	0.00	3.46	0.31	0	2	1	89	0.00	0.0	2.969	0.000	2	1	1	1
019379	PL.5763	C	Consumer	7.35Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	2.969	0.000	0	0	0	0
019331	PL.5762	C	Consumer	7.35Y	122.5	0.00	3.46	0.45	0	3	1	95	0.00	0.0	2.957	0.000	3	1	1	1
019368	PL.27754	C	Consumer	7.35Y	122.6	0.00	3.43	0.69	0	5	2	93	0.00	0.0	2.876	0.000	5	2	1	1
019350	PL.27754	C	Consumer	7.35Y	122.6	0.00	3.43	0.59	0	4	1	97	0.00	0.0	2.876	0.000	4	1	1	1
0193102	PL.11734	C	Consumer	7.36Y	122.6	0.00	3.40	0.00	0	0	0	100	0.00	0.0	2.820	0.000	0	0	0	0
019376	PL.11734	C	Consumer	7.36Y	122.6	0.00	3.40	0.26	0	2	1	89	0.00	0.0	2.820	0.000	2	1	1	1
019359	PL.11734	C	Consumer	7.36Y	122.6	0.00	3.40	0.00	0	0	0	100	0.00	0.0	2.820	0.000	0	0	0	0
019301	PL.11734	C	Consumer	7.36Y	122.6	0.00	3.40	0.00	0	0	0	100	0.00	0.0	2.820	0.000	0	0	0	0
PL.1635	PL.11734	C	4ACSR	7.36Y	122.6	0.00	3.40	0.00	0	0	0	100	0.00	0.0	2.863	0.043	0	0	0	0
0193115	PL.1635	C	Consumer	7.36Y	122.6	0.00	3.40	0.00	0	0	0	100	0.00	0.0	2.863	0.000	0	0	0	0
PL.17000	PL.6091	C	4ACSR	7.36Y	122.6	0.00	3.36	0.00	0	0	0	100	0.00	0.0	2.747	0.009	0	0	0	0
PD.1926	PL.17000	C	fuse6AMP	7.36Y	122.6	0.00	3.36	0.00	0	0	0	100	0.00	0.0	2.747	0.000	0	0	0	0
PL.17001	PD.1926	C	4ACSR	7.36Y	122.6	0.00	3.36	0.00	0	0	0	100	0.00	0.0	2.829	0.082	0	0	0	0
0193112	PL.17001	C	Consumer	7.36Y	122.6	0.00	3.36	0.00	0	0	0	100	0.00	0.0	2.829	0.000	0	0	0	0
0193100	PL.4861	C	Consumer	7.36Y	122.7	0.00	3.34	0.67	0	5	2	93	0.00	0.0	2.700	0.000	5	2	1	1
019338	PL.29002	C	Consumer	7.36Y	122.7	0.00	3.32	0.21	0	1	1	71	0.00	0.0	2.661	0.000	1	1	1	1
019371	PL.29002	C	Consumer	7.36Y	122.7	0.00	3.32	0.59	0	4	1	97	0.00	0.0	2.661	0.000	4	1	1	1
019361	PL.29002	C	Consumer	7.36Y	122.7	0.00	3.32	0.40	0	3	1	95	0.00	0.0	2.661	0.000	3	1	1	1
PL.1546	PL.27624	C	4ACSR	7.36Y	122.7	0.00	3.25	1.25	1	9	3	95	0.00	0.0	2.579	0.024	0	0	0	2
PL.1547	PL.1546	C	4ACSR	7.36Y	122.7	0.00	3.25	1.25	1	9	3	95	0.00	0.0	2.615	0.036	0	0	0	2
019342	PL.1547	C	Consumer	7.36Y	122.7	0.00	3.25	0.92	0	6	2	95	0.00	0.0	2.615	0.000	6	2	1	1
019324	PL.1547	C	Consumer	7.36Y	122.7	0.00	3.25	0.33	0	2	1	89	0.00	0.0	2.615	0.000	2	1	1	1
PL.27544	PL.72	A	4ACSR	7.41Y	123.5	0.01	2.49	13.44	11	94	33	94	0.00	0.0	2.263	0.009	0	0	0	19
PD.151-A	PL.27544	A	Closed	7.41Y	123.5	0.00	2.49	13.44	0	94	33	94	0.00	0.0	2.263	0.000	0	0	0	19
PD.151-B	PD.151-A	A	Closed	7.41Y	123.5	0.00	2.49	13.44	0	94	33	94	0.00	0.0	2.263	0.000	0	0	0	19
PL.27545	PD.151-B	A	4ACSR	7.41Y	123.5	0.01	2.51	13.44	11	94	33	94	0.01	0.0	2.285	0.022	0	0	0	19
019340	PL.27545	A	Consumer	7.41Y	123.5	0.00	2.51	0.91	0	6	2	95	0.00	0.0	2.285	0.000	6	2	1	1
PL.11723	PL.27545	A	4ACSR	7.40Y	123.4	0.11	2.61	12.53	11	88	30	95	0.07	0.1	2.474	0.189	0	0	0	18
PL.28071	PL.11723	A	4ACSR	7.40Y	123.4	0.00	2.61	0.32	0	2	1	89	0.00	0.0	2.482	0.008	0	0	0	1
PD.1912	PL.28071	A	fuse6AMP	7.40Y	123.4	0.00	2.61	0.32	6	2	1	89	0.00	0.0	2.482	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.28072	PD.1912	A	4ACSR	7.40Y	123.4	0.00	2.62	0.32	0	2	1	89	0.00	0.0	2.561	0.079	0	0	0	1
PL.11724	PL.28072	A	4ACSR	7.40Y	123.4	0.00	2.62	0.00	0	0	0	100	0.00	0.0	2.775	0.214	0	0	0	0
019336	PL.11724	A	Consumer	7.40Y	123.4	0.00	2.62	0.00	0	0	0	100	0.00	0.0	2.775	0.000	0	0	0	0
PL.1633	PL.28072	A	4ACSR	7.40Y	123.4	0.00	2.62	0.32	0	2	1	89	0.00	0.0	2.588	0.027	0	0	0	1
019393	PL.1633	A	Consumer	7.40Y	123.4	0.00	2.62	0.32	0	2	1	89	0.00	0.0	2.588	0.000	2	1	1	1
PL.6092	PL.11723	A	4ACSR	7.40Y	123.4	0.01	2.62	7.18	6	50	17	95	0.00	0.0	2.502	0.028	0	0	0	8
PL.11727	PL.6092	A	4ACSR	7.40Y	123.4	0.01	2.64	4.54	4	32	11	95	0.00	0.0	2.568	0.066	0	0	0	6
019341	PL.11727	A	Consumer	7.40Y	123.4	0.00	2.64	0.85	0	6	2	95	0.00	0.0	2.568	0.000	6	2	1	1
PL.11726	PL.11727	A	4ACSR	7.40Y	123.4	0.00	2.64	3.69	3	26	9	94	0.00	0.0	2.591	0.023	0	0	0	5
PL.11728	PL.11726	A	4ACSR	7.40Y	123.4	0.00	2.64	3.69	3	26	9	94	0.00	0.0	2.605	0.014	0	0	0	5
PL.11729	PL.11728	A	4ACSR	7.40Y	123.4	0.01	2.65	2.11	2	15	5	95	0.00	0.0	2.674	0.069	0	0	0	3
019304	PL.11729	A	Consumer	7.40Y	123.4	0.00	2.65	0.79	0	6	2	95	0.00	0.0	2.674	0.000	6	2	1	1
PL.11730	PL.11729	A	4ACSR	7.40Y	123.3	0.00	2.65	1.33	1	9	3	95	0.00	0.0	2.691	0.017	0	0	0	2
PL.1229	PL.11730	A	4ACSR	7.40Y	123.3	0.00	2.65	0.00	0	0	0	100	0.00	0.0	2.708	0.017	0	0	0	0
PL.11731	PL.11730	A	4ACSR	7.40Y	123.3	0.00	2.65	1.33	1	9	3	95	0.00	0.0	2.726	0.035	0	0	0	2
PL.24273	PL.11731	A	4ACSR	7.40Y	123.3	0.00	2.66	1.33	1	9	3	95	0.00	0.0	2.781	0.055	0	0	0	2
PL.40644	PL.24273	A	2ACSR	7.40Y	123.3	0.00	2.66	0.10	0	1	0	100	0.00	0.0	2.823	0.042	0	0	0	1
0703026	PL.40644	A	Consumer	7.40Y	123.3	0.00	2.66	0.10	0	1	0	100	0.00	0.0	2.823	0.000	1	0	1	1
0703025	PL.24273	A	Consumer	7.40Y	123.3	0.00	2.66	1.22	0	9	3	95	0.00	0.0	2.781	0.000	9	3	1	1
PL.31475	PL.11728	A	4ACSR	7.40Y	123.4	0.00	2.64	1.57	1	11	4	94	0.00	0.0	2.618	0.013	0	0	0	1
0193119	PL.31475	A	Consumer	7.40Y	123.4	0.00	2.64	1.57	0	11	4	94	0.00	0.0	2.618	0.000	11	4	1	1
0193116	PL.11728	A	Consumer	7.40Y	123.4	0.00	2.64	0.00	0	0	0	100	0.00	0.0	2.605	0.000	0	0	1	1
019394	PL.6092	A	Consumer	7.40Y	123.4	0.00	2.62	0.77	0	5	2	93	0.00	0.0	2.502	0.000	5	2	1	1
019395	PL.6092	A	Consumer	7.40Y	123.4	0.00	2.62	1.88	0	13	5	93	0.00	0.0	2.502	0.000	13	5	1	1
PL.16900	PL.11723	A	4ACSR	7.40Y	123.4	0.00	2.62	4.82	4	34	12	94	0.00	0.0	2.483	0.009	0	0	0	8
C PD.1925	PL.16900	A	fuse6AMP	7.40Y	123.4	0.00	2.62	4.82	82	34	12	94	0.00	0.0	2.483	0.000	0	0	0	8 C
PL.16901	PD.1925	A	4ACSR	7.40Y	123.4	0.01	2.63	4.82	4	34	12	94	0.00	0.0	2.524	0.041	0	0	0	8
0193107	PL.16901	A	Consumer	7.40Y	123.4	0.00	2.63	0.11	0	1	0	100	0.00	0.0	2.524	0.000	1	0	1	1
0193106	PL.16901	A	Consumer	7.40Y	123.4	0.00	2.63	1.22	0	9	3	95	0.00	0.0	2.524	0.000	9	3	1	1
0193109	PL.16901	A	Consumer	7.40Y	123.4	0.00	2.63	0.02	0	0	0	100	0.00	0.0	2.524	0.000	0	0	1	1
PL.1222	PL.16901	A	4ACSR	7.40Y	123.4	0.01	2.63	1.90	2	13	5	93	0.00	0.0	2.597	0.073	0	0	0	2
PL.1224	PL.1222	A	4ACSR	7.40Y	123.4	0.00	2.64	1.00	1	7	2	96	0.00	0.0	2.683	0.086	0	0	0	1
019397	PL.1224	A	Consumer	7.40Y	123.4	0.00	2.64	1.00	0	7	2	96	0.00	0.0	2.683	0.000	7	2	1	1
019355	PL.1222	A	Consumer	7.40Y	123.4	0.00	2.63	0.90	0	6	2	95	0.00	0.0	2.597	0.000	6	2	1	1
PL.11725	PL.16901	A	4ACSR	7.40Y	123.4	0.01	2.64	1.57	1	11	4	94	0.00	0.0	2.676	0.152	0	0	0	3
PL.11732	PL.11725	A	4ACSR	7.40Y	123.4	0.00	2.64	1.57	1	11	4	94	0.00	0.0	2.730	0.054	0	0	0	3
PL.11733	PL.11732	A	4ACSR	7.40Y	123.4	0.00	2.64	0.06	0	0	0	100	0.00	0.0	2.745	0.014	0	0	0	1
PL.17144	PL.11733	A	4ACSR	7.40Y	123.4	0.00	2.64	0.00	0	0	0	100	0.00	0.0	2.756	0.012	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.28950	PL.17144	A	4ACSR	7.40Y	123.4	0.00	2.64	0.00	0	0	0	0	100	0.00	0.0	2.762	0.006	0	0	0	0	
PD.3661-A	PL.28950	A	Open	7.40Y	123.4	0.00	2.64	0.00	0	0	0	0	100	0.00	0.0	2.762	0.000	0	0	0	0	
019391	PL.11733	A	Consumer	7.40Y	123.4	0.00	2.64	0.00	0	0	0	0	100	0.00	0.0	2.745	0.000	0	0	0	0	
019354	PL.11733	A	Consumer	7.40Y	123.4	0.00	2.64	0.06	0	0	0	0	100	0.00	0.0	2.745	0.000	0	0	1	1	
0193114	PL.11732	A	Consumer	7.40Y	123.4	0.00	2.64	0.55	0	4	1	97	0.00	0.0	2.730	0.000	4	1	1	1		
019346	PL.11732	A	Consumer	7.40Y	123.4	0.00	2.64	0.00	0	0	0	0	100	0.00	0.0	2.730	0.000	0	0	0	0	
0193113	PL.11732	A	Consumer	7.40Y	123.4	0.00	2.64	0.96	0	7	2	96	0.00	0.0	2.730	0.000	7	2	1	1		
019399	PL.11723	A	Consumer	7.40Y	123.4	0.00	2.61	0.20	0	1	0	100	0.00	0.0	2.474	0.000	1	0	1	1		
PL.18932	PL.17851	C	4ACSR	7.38Y	123.0	0.00	2.96	0.83	1	6	2	95	0.00	0.0	2.234	0.010	0	0	0	1		
PD.1923	PL.18932	C	fuse6AMP	7.38Y	123.0	0.00	2.96	0.83	14	6	2	95	0.00	0.0	2.234	0.000	0	0	0	1		
PL.18931	PD.1923	C	4ACSR	7.38Y	123.0	0.00	2.96	0.83	1	6	2	95	0.00	0.0	2.274	0.040	0	0	0	1		
019364	PL.18931	C	Consumer	7.38Y	123.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	2.274	0.000	0	0	0	0		
0193104	PL.18931	C	Consumer	7.38Y	123.0	0.00	2.96	0.83	0	6	2	95	0.00	0.0	2.274	0.000	6	2	1	1		
PL.17853	PL.17851	A	4ACSR	7.41Y	123.5	0.00	2.47	0.56	0	4	1	97	0.00	0.0	2.235	0.011	0	0	0	1		
PD.1924	PL.17853	A	fuse6AMP	7.41Y	123.5	0.00	2.47	0.56	10	4	1	97	0.00	0.0	2.235	0.000	0	0	0	1		
PL.17852	PD.1924	A	4ACSR	7.41Y	123.5	0.00	2.47	0.56	0	4	1	97	0.00	0.0	2.253	0.018	0	0	0	1		
019316	PL.17852	A	Consumer	7.41Y	123.5	0.00	2.47	0.56	0	4	1	97	0.00	0.0	2.253	0.000	4	1	1	1		
PL.27548	PL.4864	A	4ACSR	7.41Y	123.6	0.00	2.42	0.00	0	0	0	100	0.00	0.0	2.119	0.007	0	0	0	0		
PD.1922	PL.27548	A	fuse6AMP	7.41Y	123.6	0.00	2.42	0.00	0	0	0	100	0.00	0.0	2.119	0.000	0	0	0	0		
PL.27549	PD.1922	A	4ACSR	7.41Y	123.6	0.00	2.42	0.00	0	0	0	100	0.00	0.0	2.170	0.051	0	0	0	0		
018342	PL.4864	A	Consumer	7.41Y	123.6	0.00	2.42	0.16	0	1	0	100	0.00	0.0	2.112	0.000	1	0	1	1		
		C		7.39Y	123.2	0.00	2.84	0.16	0	1	0	94				1	0	1	1			
018359	PL.4864	C	Consumer	7.39Y	123.2	0.00	2.84	0.99	0	7	2	96	0.00	0.0	2.112	0.000	7	2	1	1		
019311	PL.4864	C	Consumer	7.39Y	123.2	0.00	2.84	0.00	0	0	0	100	0.00	0.0	2.112	0.000	0	0	1	1		
SRL.5405	PL.4864	A	Consumer	7.41Y	123.6	0.00	2.42	0.00	0	0	0	100	0.00	0.0	2.112	0.000	0	0	0	0		
018322	PL.11719	C	Consumer	7.40Y	123.3	0.00	2.70	0.94	0	7	2	96	0.00	0.0	1.926	0.000	7	2	1	1		
018350	PL.11719	A	Consumer	7.42Y	123.6	0.00	2.35	0.30	0	2	1	89	0.00	0.0	1.926	0.000	2	1	1	1		
018363	PL.11719	A	Consumer	7.42Y	123.6	0.00	2.35	1.48	0	10	4	93	0.00	0.0	1.926	0.000	10	4	1	1		
018304	PL.11719	B	Consumer	7.51Y	125.2	0.00	0.76	0.44	0	3	1	95	0.00	0.0	1.926	0.000	3	1	1	1		
PL.16902	PL.11719	B	4ACSR	7.51Y	125.2	0.00	0.76	2.85	2	20	7	94	0.00	0.0	1.930	0.005	0	0	0	5		
PD.1803	PL.16902	B	fuse6AMP	7.51Y	125.2	0.00	0.76	2.85	49	20	7	94	0.00	0.0	1.930	0.000	0	0	0	5		
PL.16903	PD.1803	B	4ACSR	7.51Y	125.2	0.01	0.78	2.85	2	20	7	94	0.00	0.0	2.026	0.096	0	0	0	5		
PL.33972	PL.16903	B	2ACSR	7.51Y	125.2	0.00	0.78	0.04	0	0	0	100	0.00	0.0	2.107	0.081	0	0	0	1		
0183133	PL.33972	B	Consumer	7.51Y	125.2	0.00	0.78	0.04	0	0	0	100	0.00	0.0	2.107	0.000	0	0	1	1		
PL.1565	PL.16903	B	4ACSR	7.51Y	125.2	0.00	0.78	0.66	1	5	2	93	0.00	0.0	2.083	0.057	0	0	0	1		
018310	PL.1565	B	Consumer	7.51Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	2.083	0.000	0	0	0	0		
018398	PL.1565	B	Consumer	7.51Y	125.2	0.00	0.78	0.66	0	5	2	93	0.00	0.0	2.083	0.000	5	2	1	1		
018309	PL.16903	B	Consumer	7.51Y	125.2	0.00	0.78	0.58	0	4	1	97	0.00	0.0	2.026	0.000	4	1	1	1		
018308	PL.16903	B	Consumer	7.51Y	125.2	0.00	0.78	0.55	0	4	1	97	0.00	0.0	2.026	0.000	4	1	1	1		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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	
0183109	PL.16903	B	Consumer	7.51Y	125.2	0.00	0.78	1.02	0	7	3	92	0.00	0.0	2.026	0.000	7	3	1	1
018351	PL.5831	B	Consumer	7.51Y	125.2	0.00	0.77	0.00	0	0	0	100	0.00	0.0	1.816	0.000	0	0	0	0
018380	PL.5831	A	Consumer	7.42Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	1.816	0.000	0	0	0	0
0183114	PL.5831	C	Consumer	7.40Y	123.4	0.00	2.63	0.38	0	3	1	95	0.00	0.0	1.816	0.000	3	1	1	1
PL.1197	PL.4865	B	4ACSR	7.51Y	125.2	0.01	0.78	7.61	6	54	19	94	0.00	0.0	1.711	0.021	0	0	0	12
C PD.1905	PL.1197	B	fuse6AMP	7.51Y	125.2	0.00	0.78	7.61	130	54	19	94	0.00	0.0	1.711	0.000	0	0	0	12 C
PL.5828	PD.1905	B	4ACSR	7.51Y	125.2	0.01	0.79	7.61	6	54	19	94	0.00	0.0	1.735	0.024	0	0	0	12
PL.5829	PL.5828	B	4ACSR	7.51Y	125.2	0.00	0.79	7.61	6	54	19	94	0.00	0.0	1.745	0.010	0	0	0	12
PL.1553	PL.5829	B	4ACSR	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	1.781	0.036	0	0	0	0
018328	PL.1553	B	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	1.781	0.000	0	0	0	0
PL.1557	PL.5829	B	4ACSR	7.51Y	125.2	0.01	0.80	7.61	6	54	19	94	0.00	0.0	1.775	0.030	0	0	0	12
PL.1556	PL.1557	B	4ACSR	7.51Y	125.2	0.00	0.80	4.38	4	31	11	94	0.00	0.0	1.800	0.024	0	0	0	8
PL.5826	PL.1556	B	4ACSR	7.51Y	125.2	0.00	0.81	3.49	3	25	9	94	0.00	0.0	1.826	0.026	0	0	0	6
018319	PL.5826	B	Consumer	7.51Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	1.826	0.000	0	0	0	0
PL.5827	PL.5826	B	4ACSR	7.51Y	125.2	0.00	0.81	3.49	3	25	9	94	0.00	0.0	1.831	0.005	0	0	0	6
PL.1554	PL.5827	B	4ACSR	7.51Y	125.2	0.00	0.81	1.69	1	12	4	95	0.00	0.0	1.852	0.022	0	0	0	2
PL.1555	PL.1554	B	4ACSR	7.51Y	125.2	0.01	0.82	1.69	1	12	4	95	0.00	0.0	1.924	0.071	0	0	0	2
PL.1558	PL.1555	B	4ACSR	7.51Y	125.2	0.00	0.82	1.69	1	12	4	95	0.00	0.0	1.982	0.058	0	0	0	2
018368	PL.1558	B	Consumer	7.51Y	125.2	0.00	0.82	1.26	0	9	3	95	0.00	0.0	1.982	0.000	9	3	1	1
018385	PL.1558	B	Consumer	7.51Y	125.2	0.00	0.82	0.42	0	3	1	95	0.00	0.0	1.982	0.000	3	1	1	1
PL.1559	PL.1558	B	4ACSR	7.51Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	2.039	0.057	0	0	0	0
PL.1560	PL.1559	B	4ACSR	7.51Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	2.114	0.074	0	0	0	0
PL.20284	PL.5827	B	4ACSR	7.51Y	125.2	0.00	0.81	1.81	2	13	4	96	0.00	0.0	1.848	0.017	0	0	0	4
018372	PL.20284	B	Consumer	7.51Y	125.2	0.00	0.81	0.01	0	0	0	100	0.00	0.0	1.848	0.000	0	0	1	1
018390	PL.20284	B	Consumer	7.51Y	125.2	0.00	0.81	0.38	0	3	1	95	0.00	0.0	1.848	0.000	3	1	1	1
PL.20285	PL.20284	B	4ACSR	7.51Y	125.2	0.00	0.81	1.43	1	10	4	93	0.00	0.0	1.875	0.027	0	0	0	2
018366	PL.20285	B	Consumer	7.51Y	125.2	0.00	0.81	0.93	0	7	2	96	0.00	0.0	1.875	0.000	7	2	1	1
018394	PL.20285	B	Consumer	7.51Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	1.875	0.000	0	0	0	0
018365	PL.20285	B	Consumer	7.51Y	125.2	0.00	0.81	0.49	0	3	1	95	0.00	0.0	1.875	0.000	3	1	1	1
0183104	PL.1556	B	Consumer	7.51Y	125.2	0.00	0.80	0.40	0	3	1	95	0.00	0.0	1.800	0.000	3	1	1	1
0183130	PL.1556	B	Consumer	7.51Y	125.2	0.00	0.80	0.49	0	3	1	95	0.00	0.0	1.800	0.000	3	1	1	1
018388	PL.1557	B	Consumer	7.51Y	125.2	0.00	0.80	0.00	0	0	0	100	0.00	0.0	1.775	0.000	0	0	0	0
018364	PL.1557	B	Consumer	7.51Y	125.2	0.00	0.80	0.56	0	4	1	97	0.00	0.0	1.775	0.000	4	1	1	1
PL.16908	PL.1557	B	4ACSR	7.51Y	125.2	0.00	0.80	2.66	2	19	7	94	0.00	0.0	1.781	0.006	0	0	0	3
PD.1921	PL.16908	B	fuse6AMP	7.51Y	125.2	0.00	0.80	2.66	45	19	7	94	0.00	0.0	1.781	0.000	0	0	0	3
PL.16909	PD.1921	B	4ACSR	7.51Y	125.2	0.01	0.81	2.66	2	19	7	94	0.00	0.0	1.827	0.046	0	0	0	3
0183127	PL.16909	B	Consumer	7.51Y	125.2	0.00	0.81	0.28	0	2	1	89	0.00	0.0	1.827	0.000	2	1	1	1
PL.26272	PL.16909	B	4ACSR	7.51Y	125.2	0.01	0.81	2.38	2	17	6	94	0.00	0.0	1.876	0.049	0	0	0	2

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.11777	PL.26272	B	4ACSR	7.51Y	125.2	0.01	0.82	2.38	2	17	6	94	0.00	0.0	1.961	0.085	0	0	0	2
PL.1226	PL.11777	B	4ACSR	7.51Y	125.2	0.02	0.84	1.55	1	11	4	94	0.00	0.0	2.181	0.220	0	0	0	1
0183115	PL.1226	B	Consumer	7.51Y	125.2	0.00	0.84	1.55	0	11	4	94	0.00	0.0	2.181	0.000	11	4	1	1
PL.9943	PL.11777	B	4ACSR	7.51Y	125.2	0.00	0.82	0.83	1	6	2	95	0.00	0.0	2.050	0.089	0	0	0	1
0183100	PL.9943	B	Consumer	7.51Y	125.2	0.00	0.82	0.83	0	6	2	95	0.00	0.0	2.050	0.000	6	2	1	1
018377	PL.4865	B	Consumer	7.51Y	125.2	0.00	0.77	0.00	0	0	0	100	0.00	0.0	1.690	0.000	0	0	0	0
018362	PL.4865	B	Consumer	7.51Y	125.2	0.00	0.77	0.07	0	0	0	100	0.00	0.0	1.690	0.000	0	0	1	1
018387	PL.4865	B	Consumer	7.51Y	125.2	0.00	0.77	0.27	0	2	1	89	0.00	0.0	1.690	0.000	2	1	1	1
018382	PL.4865	B	Consumer	7.51Y	125.2	0.00	0.77	0.74	0	5	2	93	0.00	0.0	1.690	0.000	5	2	1	1
018339	PL.11717	B	Consumer	7.51Y	125.2	0.00	0.76	1.55	0	10	5	89	0.00	0.0	1.534	0.000	10	5	1	1
018343	PL.11717	B	Consumer	7.51Y	125.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	1.534	0.000	0	0	0	0
PL.16906	PL.11716	C	4ACSR	7.42Y	123.6	0.01	2.39	1.91	2	13	5	93	0.00	0.0	1.534	0.103	0	0	0	3
PD.1907	PL.16906	C	fuse6AMP	7.42Y	123.6	0.00	2.39	1.91	33	13	5	93	0.00	0.0	1.534	0.000	0	0	0	3
PL.16907	PD.1907	C	4ACSR	7.42Y	123.6	0.00	2.40	1.91	2	13	5	93	0.00	0.0	1.544	0.010	0	0	0	3
PL.1549	PL.16907	C	4ACSR	7.42Y	123.6	0.01	2.40	1.85	2	13	5	93	0.00	0.0	1.633	0.089	0	0	0	2
PL.1626	PL.1549	C	4ACSR	7.42Y	123.6	0.00	2.40	0.56	0	4	1	97	0.00	0.0	1.652	0.019	0	0	0	1
PL.1627	PL.1626	C	4ACSR	7.42Y	123.6	0.00	2.40	0.56	0	4	1	97	0.00	0.0	1.693	0.040	0	0	0	1
PL.29912	PL.1627	C	4ACSR	7.42Y	123.6	0.00	2.41	0.56	0	4	1	97	0.00	0.0	1.726	0.033	0	0	0	1
0193117	PL.29912	C	Consumer	7.42Y	123.6	0.00	2.41	0.56	0	4	1	97	0.00	0.0	1.726	0.000	4	1	1	1
019387	PL.1627	C	Consumer	7.42Y	123.6	0.00	2.40	0.00	0	0	0	100	0.00	0.0	1.693	0.000	0	0	0	0
019333	PL.1549	C	Consumer	7.42Y	123.6	0.00	2.40	1.29	0	9	3	95	0.00	0.0	1.633	0.000	9	3	1	1
0183124	PL.16907	C	Consumer	7.42Y	123.6	0.00	2.40	0.05	0	0	0	100	0.00	0.0	1.544	0.000	0	0	1	1
0183126	PL.24538	B	Consumer	7.52Y	125.3	0.00	0.74	0.44	0	3	1	95	0.00	0.0	1.364	0.000	3	1	1	1
019345	PL.11715	B	Consumer	7.52Y	125.3	0.00	0.71	1.02	0	7	3	92	0.00	0.0	1.208	0.000	7	3	1	1
PL.17143	PL.17845	A C	4ACSR	7.44Y 7.43Y	123.9 123.8	0.01 0.00	2.07 2.23	3.08 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	7.44Y	123.9	0.00	2.07	2.06	2	14	5	94	0.00	0.0	1.244	0.011	0	0	0	4
PL.31006	PL.31005	A	4ACSR	7.44Y	123.9	0.01	2.08	2.06	2	14	5	94	0.00	0.0	1.321	0.077	0	0	0	4
PL.1561	PL.31006	A	4ACSR	7.44Y	123.9	0.00	2.08	1.38	1	10	3	96	0.00	0.0	1.389	0.068	0	0	0	1
019329	PL.1561	A	Consumer	7.44Y	123.9	0.00	2.08	1.38	0	10	3	96	0.00	0.0	1.389	0.000	10	3	1	1
PL.1551	PL.31006	A	4ACSR	7.44Y	123.9	0.00	2.08	0.44	0	3	1	95	0.00	0.0	1.385	0.064	0	0	0	1
PL.1552	PL.1551	A	4ACSR	7.44Y	123.9	0.00	2.08	0.44	0	3	1	95	0.00	0.0	1.463	0.078	0	0	0	1
019375	PL.1552	A	Consumer	7.44Y	123.9	0.00	2.08	0.44	0	3	1	95	0.00	0.0	1.463	0.000	3	1	1	1
0193120	PL.31006	A	Consumer	7.44Y	123.9	0.00	2.08	0.01	0	0	0	100	0.00	0.0	1.321	0.000	0	0	1	1
019332	PL.31006	A	Consumer	7.44Y	123.9	0.00	2.08	0.23	0	2	1	89	0.00	0.0	1.321	0.000	2	1	1	1
019309	PL.17143	A	Consumer	7.44Y	123.9	0.00	2.07	0.25	0	2	1	89	0.00	0.0	1.233	0.000	2	1	1	1
0193103	PL.17143	A C	Consumer	7.44Y 7.43Y	123.9 123.8	0.00 0.00	2.07 2.23	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	7.44Y	123.9	0.00	2.07	0.49	0	3	1	95	0.00	0.0	1.233	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.45761, PD.8678, etc.

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.11556, PL.11558, PL.11559, 018473, 0184132, 0184103, 0184124, 018463, 018407, 018453, PL.11560, PL.6100, PL.19513, PL.19514, 0183129, 0183117, 0183113, PL.16910, PD.1801, PL.16911, 018367, PL.5833, 018371, PL.6090, PL.5832, 018318, 0183110, PL.44251.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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									
PL.44252	PL.44251	A	4/0ACSR	7.40Y	123.4	0.05	2.59	84.83	30	605	172	96	0.48	0.0	1.640	0.062	0	0	0	95		
		B		7.50Y	125.0	0.03	1.04	57.29	20	418	101	97					0	0	0	64		
		C		7.39Y	123.2	0.07	2.84	85.73	30	608	179	96					0	0	0	108		
PD.147-A	PL.44252	A	Closed	7.40Y	123.4	0.00	2.59	84.83	0	604	171	96	0.00	0.0	1.640	0.000	0	0	0	95		
		B		7.50Y	125.0	0.00	1.04	57.29	0	418	101	97					0	0	0	64		
		C		7.39Y	123.2	0.00	2.84	85.73	0	608	178	96					0	0	0	108		
PD.147-B	PD.147-A	A	Closed	7.40Y	123.4	0.00	2.59	84.83	0	604	171	96	0.00	0.0	1.640	0.000	0	0	0	95		
		B		7.50Y	125.0	0.00	1.04	57.29	0	418	101	97					0	0	0	64		
		C		7.39Y	123.2	0.00	2.84	85.73	0	608	178	96					0	0	0	108		
PL.17834	PD.147-B	A	4/0ACSR	7.40Y	123.4	0.01	2.59	84.83	30	604	171	96	0.09	0.0	1.652	0.012	0	0	0	95		
		B		7.50Y	125.0	0.00	1.05	57.29	20	418	101	97					0	0	0	64		
		C		7.39Y	123.1	0.01	2.85	85.73	30	608	178	96					0	0	0	108		
018321	PL.17834	A	Consumer	7.40Y	123.4	0.00	2.59	0.36	0	2	1	89	0.00	0.0	1.652	0.000	2	1	1	1		
0183116	PL.17834	A	Consumer	7.40Y	123.4	0.00	2.59	0.13	0	1	0	100	0.00	0.0	1.652	0.000	1	0	1	1		
PL.1202	PL.17834	A	4ACSR	7.40Y	123.4	0.00	2.60	0.96	1	7	2	96	0.00	0.0	1.703	0.051	0	0	0	1		
018393	PL.1202	A	Consumer	7.40Y	123.4	0.00	2.60	0.96	0	7	2	96	0.00	0.0	1.703	0.000	7	2	1	1		
PL.17831	PL.17834	A	4/0ACSR	7.40Y	123.4	0.01	2.60	83.38	29	594	168	96	0.06	0.0	1.660	0.008	0	0	0	92		
		B		7.50Y	124.9	0.00	1.05	57.29	20	418	101	97					0	0	0	64		
		C		7.39Y	123.1	0.01	2.86	85.73	30	608	178	96					0	0	0	108		
PL.17832	PL.17831	A	4/0ACSR	7.40Y	123.4	0.04	2.64	83.38	29	594	168	96	0.42	0.0	1.715	0.055	0	0	0	92		
		B		7.50Y	124.9	0.02	1.07	57.29	20	417	101	97					0	0	0	64		
		C		7.38Y	123.1	0.06	2.92	85.73	30	608	178	96					0	0	0	108		
018378	PL.17832	C	Consumer	7.38Y	123.1	0.00	2.92	0.04	0	0	0	100	0.00	0.0	1.715	0.000	0	0	1	1		
018335	PL.17832	B	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	1.715	0.000	0	0	1	1		
018334	PL.17832	B	Consumer	7.50Y	124.9	0.00	1.07	0.98	0	7	2	96	0.00	0.0	1.715	0.000	7	2	1	1		
PL.11561	PL.17832	A	4/0ACSR	7.40Y	123.3	0.03	2.68	83.38	29	594	167	96	0.33	0.0	1.758	0.043	0	0	0	92		
		B		7.49Y	124.9	0.02	1.09	56.32	20	411	98	97					0	0	0	62		
		C		7.38Y	123.0	0.05	2.97	85.69	30	607	178	96					0	0	0	107		
PL.11562	PL.11561	A	4/0ACSR	7.40Y	123.3	0.03	2.71	80.30	28	572	159	96	0.29	0.0	1.797	0.040	0	0	0	88		
		B		7.49Y	124.9	0.02	1.11	56.32	20	410	98	97					0	0	0	62		
		C		7.38Y	123.0	0.04	3.01	85.69	30	607	177	96					0	0	0	107		
018331	PL.11562	B	Consumer	7.49Y	124.9	0.00	1.11	1.16	0	8	3	94	0.00	0.0	1.797	0.000	8	3	1	1		
018345	PL.11562	C	Consumer	7.38Y	123.0	0.00	3.01	0.12	0	1	0	100	0.00	0.0	1.797	0.000	1	0	1	1		
PL.5834	PL.11562	A	4/0ACSR	7.40Y	123.3	0.03	2.74	80.30	28	572	159	96	0.31	0.0	1.839	0.042	0	0	0	88		
		B		7.49Y	124.9	0.02	1.13	55.16	19	402	95	97					0	0	0	61		
		C		7.38Y	122.9	0.05	3.06	85.57	30	606	177	96					0	0	0	106		
PL.16914	PL.5834	C	4ACSR	7.38Y	122.9	0.00	3.06	1.46	1	10	4	93	0.00	0.0	1.845	0.006	0	0	0	2		
PD.1800	PL.16914	C	fuse6AMP	7.38Y	122.9	0.00	3.06	1.46	25	10	4	93	0.00	0.0	1.845	0.000	0	0	0	2		
PL.16915	PD.1800	C	4ACSR	7.38Y	122.9	0.00	3.06	1.46	1	10	4	93	0.00	0.0	1.863	0.018	0	0	0	2		
PL.1201	PL.16915	C	4ACSR	7.38Y	122.9	0.00	3.07	1.46	1	10	4	93	0.00	0.0	1.912	0.048	0	0	0	2		
018347	PL.1201	C	Consumer	7.38Y	122.9	0.00	3.07	0.72	0	5	2	93	0.00	0.0	1.912	0.000	5	2	1	1		
018344	PL.1201	C	Consumer	7.38Y	122.9	0.00	3.07	0.74	0	5	2	93	0.00	0.0	1.912	0.000	5	2	1	1		
PL.5877	PL.5834	A	4/0ACSR	7.39Y	123.2	0.03	2.76	75.47	26	538	147	96	0.27	0.0	1.878	0.039	0	0	0	81		
		B		7.49Y	124.9	0.02	1.14	54.65	19	398	94	97					0	0	0	60		
		C		7.37Y	122.9	0.04	3.10	84.11	30	596	173	96					0	0	0	104		
018317	PL.5877	B	Consumer	7.49Y	124.9	0.00	1.14	0.80	0	6	2	95	0.00	0.0	1.878	0.000	6	2	1	1		
PL.5878	PL.5877	A	4/0ACSR	7.39Y	123.2	0.05	2.81	75.47	26	538	147	96	0.48	0.0	1.948	0.070	0	0	0	81		
		B		7.49Y	124.8	0.03	1.17	53.85	19	393	92	97					0	0	0	59		
		C		7.37Y	122.8	0.08	3.18	84.11	30	596	173	96					0	0	0	104		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	KW	%						mi	Length	KW	KVAR
PL.39875	PL.5878	A	4/0ACSR	7.39Y	123.2	0.02	2.83	75.47	26	538	147	96	0.25	0.0	1.985	0.037	0	0	0	81		
		B		7.49Y	124.8	0.01	1.19	52.22	18	381	88	97					0	0	0	56		
		C		7.37Y	122.8	0.04	3.22	84.11	30	595	172	96					0	0	0	104		
018356	PL.39875	C	Consumer	7.37Y	122.8	0.00	3.22	0.52	0	4	1	97	0.00	0.0	1.985	0.000	4	1	1	1		
018341	PL.39875	B	Consumer	7.49Y	124.8	0.00	1.19	0.00	0	0	0	100	0.00	0.0	1.985	0.000	0	0	1	1		
PL.39876	PL.39875	A	4/0ACSR	7.39Y	123.1	0.02	2.85	75.47	26	538	146	97	0.19	0.0	2.013	0.028	0	0	0	81		
		B		7.49Y	124.8	0.01	1.20	52.13	18	380	88	97					0	0	0	53		
		C		7.36Y	122.7	0.03	3.25	83.59	29	592	171	96					0	0	0	103		
PL.5875	PL.39876	A	4/0ACSR	7.39Y	123.1	0.02	2.88	75.47	26	538	146	97	0.24	0.0	2.049	0.036	0	0	0	81		
		B		7.49Y	124.8	0.01	1.21	52.13	18	380	87	97					0	0	0	53		
		C		7.36Y	122.7	0.04	3.29	83.59	29	591	171	96					0	0	0	103		
PL.5881	PL.5875	A	4/0ACSR	7.38Y	123.1	0.04	2.92	74.55	26	532	144	97	0.43	0.0	2.113	0.065	0	0	0	80		
		B		7.49Y	124.8	0.03	1.24	52.13	18	380	87	97					0	0	0	53		
		C		7.36Y	122.6	0.07	3.36	83.59	29	591	171	96					0	0	0	103		
017304	PL.5881	B	Consumer	7.49Y	124.8	0.00	1.24	0.77	0	5	2	93	0.00	0.0	2.113	0.000	5	2	1	1		
017359	PL.5881	B	Consumer	7.49Y	124.8	0.00	1.24	0.67	0	5	2	93	0.00	0.0	2.113	0.000	5	2	1	1		
017303	PL.5881	B	Consumer	7.49Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	2.113	0.000	0	0	0	0		
017321	PL.5881	B	Consumer	7.49Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	2.113	0.000	0	0	0	0		
017324	PL.5881	B	Consumer	7.49Y	124.8	0.00	1.24	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	7.38Y	123.0	0.10	3.02	74.55	26	531	144	97	1.09	0.1	2.278	0.165	0	0	0	80		
		B		7.48Y	124.7	0.06	1.30	50.70	18	370	84	98					0	0	0	51		
		C		7.35Y	122.5	0.18	3.55	83.59	29	591	170	96					0	0	0	103		
PL.11564	PL.11563	A	4/0ACSR	7.38Y	122.9	0.04	3.07	74.55	26	531	143	97	0.45	0.0	2.347	0.069	0	0	0	80		
		B		7.48Y	124.7	0.02	1.33	49.38	17	361	80	98					0	0	0	49		
		C		7.34Y	122.4	0.08	3.63	83.35	29	589	169	96					0	0	0	102		
PL.16675	PL.11564	C	4ACSR	7.34Y	122.4	0.00	3.63	0.76	1	5	2	93	0.00	0.0	2.352	0.005	0	0	0	2		
PD.1902	PL.16675	C	fuse6AMP	7.34Y	122.4	0.00	3.63	0.76	13	5	2	93	0.00	0.0	2.352	0.000	0	0	0	2		
PL.16676	PD.1902	C	4ACSR	7.34Y	122.4	0.00	3.63	0.76	1	5	2	93	0.00	0.0	2.398	0.046	0	0	0	2		
PL.5883	PL.16676	C	4ACSR	7.34Y	122.4	0.00	3.63	0.53	0	4	1	97	0.00	0.0	2.448	0.051	0	0	0	1		
017348	PL.5883	C	Consumer	7.34Y	122.4	0.00	3.63	0.53	0	4	1	97	0.00	0.0	2.448	0.000	4	1	1	1		
017314	PL.16676	C	Consumer	7.34Y	122.4	0.00	3.63	0.23	0	1	1	71	0.00	0.0	2.398	0.000	1	1	1	1		
017352	PL.16676	C	Consumer	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.398	0.000	0	0	0	0		
017323	PL.16676	C	Consumer	7.34Y	122.4	0.00	3.63	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	7.38Y	122.9	0.02	3.08	74.55	26	531	142	97	0.16	0.0	2.372	0.025	0	0	0	80		
		B		7.48Y	124.7	0.01	1.34	49.38	17	361	80	98					0	0	0	49		
		C		7.34Y	122.3	0.03	3.65	82.59	29	583	166	96					0	0	0	100		
PL.11337	PL.11565	A	4/0ACSR	7.37Y	122.9	0.05	3.13	74.55	26	531	142	97	0.51	0.0	2.450	0.078	0	0	0	80		
		B		7.48Y	124.6	0.03	1.36	49.38	17	361	80	98					0	0	0	49		
		C		7.34Y	122.3	0.09	3.74	82.59	29	583	166	96					0	0	0	100		
PL.16075	PL.11337	A	4ACSR	7.37Y	122.9	0.00	3.13	5.06	4	35	12	95	0.00	0.0	2.458	0.007	0	0	0	7		
C PD.1798	PL.16075	A	fuse6AMP	7.37Y	122.9	0.00	3.13	5.06	86	35	12	95	0.00	0.0	2.458	0.000	0	0	0	7 C		
PL.16076	PD.1798	A	4ACSR	7.37Y	122.9	0.00	3.14	5.06	4	35	12	95	0.00	0.0	2.476	0.018	0	0	0	7		
PL.5952	PL.16076	A	4ACSR	7.37Y	122.9	0.00	3.14	5.06	4	35	12	95	0.00	0.0	2.481	0.005	0	0	0	7		
PL.11341	PL.5952	A	4ACSR	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	2.509	0.028	0	0	0	0		
017360	PL.5952	A	Consumer	7.37Y	122.9	0.00	3.14	0.88	0	6	2	95	0.00	0.0	2.481	0.000	6	2	1	1		
017334	PL.5952	A	Consumer	7.37Y	122.9	0.00	3.14	1.22	0	8	3	94	0.00	0.0	2.481	0.000	8	3	1	1		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 017308, 574902, PL.11340, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.3493	PL.21884	C	fuse6AMP	7.33Y	122.1	0.00	3.86	1.53	26	10	5	89	0.00	0.0	2.573	0.000	0	0	0	1
PL.21885	PD.3493	C	4ACSR	7.33Y	122.1	0.00	3.86	1.53	1	10	5	89	0.00	0.0	2.621	0.048	0	0	0	1
574801	PL.21885	C	Consumer	7.33Y	122.1	0.00	3.86	1.53	0	10	5	89	0.00	0.0	2.621	0.000	10	5	1	1
PL.18644	PL.202	C	4ACSR	7.33Y	122.1	0.00	3.86	0.98	1	7	2	96	0.00	0.0	2.572	0.006	0	0	0	1
PL.18645	PL.18644	C	4ACSR	7.33Y	122.1	0.00	3.86	0.98	1	7	2	96	0.00	0.0	2.658	0.086	0	0	0	1
574802	PL.18645	C	Consumer	7.33Y	122.1	0.00	3.86	0.98	0	7	2	96	0.00	0.0	2.658	0.000	7	2	1	1
PL.11352	PL.202	A	4/0ACSR	7.37Y	122.8	0.05	3.25	68.28	24	487	126	97	0.44	0.0	2.646	0.081	0	0	0	71
		B		7.47Y	124.6	0.03	1.44	49.38	17	360	80	98					0	0	0	49
		C		7.32Y	122.1	0.08	3.93	74.20	26	524	144	96					0	0	0	91
PL.28051	PL.11352	A	4/0ACSR	7.36Y	122.7	0.04	3.29	68.28	24	487	126	97	0.33	0.0	2.709	0.063	0	0	0	71
		B		7.47Y	124.5	0.02	1.46	49.38	17	360	80	98					0	0	0	49
		C		7.32Y	122.0	0.06	3.99	70.97	25	502	135	97					0	0	0	87
OH12	PL.28051	A	1/0ACSR	7.36Y	122.7	0.03	3.32	27.46	14	191	66	95	0.07	0.0	2.757	0.048	0	0	0	40
		B		7.47Y	124.5	0.02	1.48	25.71	13	181	63	94					0	0	0	38
		C		7.32Y	122.0	0.01	4.00	12.30	6	85	30	94					0	0	0	19
OCD17	OH12	A	50L	7.36Y	122.7	0.00	3.32	27.46	55	191	66	95	0.00	0.0	2.757	0.000	0	0	0	40
		B		7.47Y	124.5	0.00	1.48	25.71	51	181	63	94					0	0	0	38
		C		7.32Y	122.0	0.00	4.00	12.30	25	85	30	94					0	0	0	19
OH16	OCD17	A	1/0ACSR	7.35Y	122.6	0.13	3.45	27.46	14	191	66	95	0.28	0.1	2.961	0.204	0	0	0	40
		B		7.47Y	124.4	0.09	1.57	25.71	13	181	63	94					0	0	0	38
		C		7.32Y	122.0	0.03	4.03	12.30	6	85	30	94					0	0	0	19
OH13	OH16	A	1/0ACSR	7.35Y	122.5	0.03	3.47	11.22	6	78	27	94	0.10	0.0	3.078	0.117	0	0	0	22
		B		7.46Y	124.4	0.06	1.63	25.71	13	181	63	94					0	0	0	38
		C		7.32Y	122.0	0.01	4.04	12.30	6	85	30	94					0	0	0	19
PL.7532	OH13	A	4ACSR	7.35Y	122.5	0.01	3.48	11.22	9	78	27	94	0.00	0.0	3.090	0.012	0	0	0	22
PL.7531	PL.7532	A	4ACSR	7.35Y	122.5	0.05	3.53	10.47	9	73	25	95	0.03	0.0	3.200	0.110	0	0	0	20
PL.33953	PL.7531	A	4ACSR	7.35Y	122.4	0.03	3.56	8.62	7	60	21	94	0.01	0.0	3.264	0.064	0	0	0	17
PL.33955	PL.33953	A	4ACSR	7.35Y	122.4	0.02	3.57	8.62	7	60	21	94	0.01	0.0	3.302	0.038	0	0	0	17
PL.33954	PL.33955	A	4ACSR	7.35Y	122.4	0.01	3.58	7.50	6	52	18	94	0.00	0.0	3.336	0.034	0	0	0	16
PL.11354	PL.33954	A	4ACSR	7.34Y	122.4	0.01	3.60	4.33	4	30	10	95	0.00	0.0	3.400	0.064	0	0	0	10
PL.11353	PL.11354	A	4ACSR	7.34Y	122.4	0.00	3.60	0.32	0	2	1	89	0.00	0.0	3.460	0.060	0	0	0	1
571706	PL.11353	A	Consumer	7.34Y	122.4	0.00	3.60	0.32	0	2	1	89	0.00	0.0	3.460	0.000	2	1	1	1
PL.40916	PL.11354	A	2ACSR	7.34Y	122.4	0.00	3.60	1.61	1	11	4	94	0.00	0.0	3.419	0.019	0	0	0	2
571805	PL.40916	A	Consumer	7.34Y	122.4	0.00	3.60	1.09	0	8	3	94	0.00	0.0	3.419	0.000	8	3	1	1
571803	PL.40916	A	Consumer	7.34Y	122.4	0.00	3.60	0.52	0	4	1	97	0.00	0.0	3.419	0.000	4	1	1	1
PL.38693	PL.11354	A	4ACSR	7.34Y	122.4	0.00	3.60	1.03	1	7	2	96	0.00	0.0	3.406	0.006	0	0	0	5
PD.7067	PL.38693	A	fuse6AMP	7.34Y	122.4	0.00	3.60	1.03	18	7	2	96	0.00	0.0	3.406	0.000	0	0	0	5
PL.38694	PD.7067	A	4ACSR	7.34Y	122.4	0.00	3.60	1.03	1	7	2	96	0.00	0.0	3.436	0.030	0	0	0	5
571704	PL.38694	A	Consumer	7.34Y	122.4	0.00	3.60	0.13	0	1	0	100	0.00	0.0	3.436	0.000	1	0	1	1
571711	PL.38694	A	Consumer	7.34Y	122.4	0.00	3.60	0.04	0	0	0	100	0.00	0.0	3.436	0.000	0	0	1	1
571705	PL.38694	A	Consumer	7.34Y	122.4	0.00	3.60	0.38	0	3	1	95	0.00	0.0	3.436	0.000	3	1	1	1
PL.3563	PL.38694	A	4ACSR	7.34Y	122.4	0.00	3.60	0.47	0	3	1	95	0.00	0.0	3.499	0.063	0	0	0	2
571712	PL.3563	A	Consumer	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	3.499	0.000	0	0	0	0
570701	PL.3563	A	Consumer	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	3.499	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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		
571713	PL.3563	A	Consumer	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	3.499	0.000	0	0	0	0		
570702	PL.3563	A	Consumer	7.34Y	122.4	0.00	3.60	0.41	0	3	1	95	0.00	0.0	3.499	0.000	3	1	1	1		
570703	PL.3563	A	Consumer	7.34Y	122.4	0.00	3.60	0.06	0	0	0	100	0.00	0.0	3.499	0.000	0	0	1	1		
571807	PL.11354	A	Consumer	7.34Y	122.4	0.00	3.60	0.80	0	6	2	95	0.00	0.0	3.400	0.000	6	2	1	1		
571806	571807	A	Consumer	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	3.400	0.000	0	0	0	0		
571804	PL.11354	A	Consumer	7.34Y	122.4	0.00	3.60	0.57	0	4	1	97	0.00	0.0	3.400	0.000	4	1	1	1		
570902	PL.33954	A	Consumer	7.35Y	122.4	0.00	3.58	1.24	0	9	3	95	0.00	0.0	3.336	0.000	9	3	1	1		
PL.38695	PL.33954	A	4ACSR	7.34Y	122.4	0.00	3.58	1.94	2	13	5	93	0.00	0.0	3.339	0.003	0	0	0	5		
PD.7068	PL.38695	A	fuse6AMP	7.34Y	122.4	0.00	3.58	1.94	33	13	5	93	0.00	0.0	3.339	0.000	0	0	0	5		
PL.38698	PD.7068	A	4ACSR	7.34Y	122.4	0.00	3.58	1.94	2	13	5	93	0.00	0.0	3.342	0.003	0	0	0	5		
PL.38699	PL.38698	A	4ACSR	7.34Y	122.4	0.00	3.58	1.94	2	13	5	93	0.00	0.0	3.352	0.009	0	0	0	4		
PL.7534	PL.38699	A	4ACSR	7.34Y	122.4	0.01	3.59	1.88	2	13	5	93	0.00	0.0	3.445	0.093	0	0	0	3		
PL.1210	PL.7534	A	4ACSR	7.34Y	122.4	0.00	3.60	1.77	1	12	4	95	0.00	0.0	3.501	0.056	0	0	0	2		
017327	PL.1210	A	Consumer	7.34Y	122.4	0.00	3.60	1.02	0	7	2	96	0.00	0.0	3.501	0.000	7	2	1	1		
PL.1230	PL.1210	A	4ACSR	7.34Y	122.4	0.00	3.60	0.75	1	5	2	93	0.00	0.0	3.630	0.129	0	0	0	1		
017380	PL.1230	A	Consumer	7.34Y	122.4	0.00	3.60	0.75	0	5	2	93	0.00	0.0	3.630	0.000	5	2	1	1		
PL.35541	PL.7534	A	2ACSR	7.34Y	122.4	0.00	3.59	0.10	0	1	0	100	0.00	0.0	3.488	0.043	0	0	0	1		
0173087	PL.35541	A	Consumer	7.34Y	122.4	0.00	3.59	0.10	0	1	0	100	0.00	0.0	3.488	0.000	1	0	1	1		
570801	PL.38699	A	Consumer	7.34Y	122.4	0.00	3.58	0.06	0	0	0	100	0.00	0.0	3.352	0.000	0	0	1	1		
PL.38697	PL.38698	A	4ACSR	7.34Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	3.475	0.133	0	0	0	1		
570901	PL.38697	A	Consumer	7.34Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	3.475	0.000	0	0	1	1		
5719004	PL.33955	A	Consumer	7.35Y	122.4	0.00	3.57	1.12	0	8	3	94	0.00	0.0	3.302	0.000	8	3	1	1		
571903	PL.7531	A	Consumer	7.35Y	122.5	0.00	3.53	0.64	0	4	2	89	0.00	0.0	3.200	0.000	4	2	1	1		
571901	PL.7531	A	Consumer	7.35Y	122.5	0.00	3.53	0.96	0	7	2	96	0.00	0.0	3.200	0.000	7	2	1	1		
571902	PL.7531	A	Consumer	7.35Y	122.5	0.00	3.53	0.25	0	2	1	89	0.00	0.0	3.200	0.000	2	1	1	1		
572005	PL.7532	A	Consumer	7.35Y	122.5	0.00	3.48	0.09	0	1	0	100	0.00	0.0	3.090	0.000	1	0	1	1		
572002	PL.7532	A	Consumer	7.35Y	122.5	0.00	3.48	0.66	0	5	2	93	0.00	0.0	3.090	0.000	5	2	1	1		
PL.26004	OH13	B C	4ACSR	7.46Y 7.32Y	124.3 122.0	0.04 0.01	1.67 4.05	25.71 12.30	22 10	181 85	63 30	94 94	0.06 0.0	0.0	3.108	0.030	0 0	0 0	0 0	38 19		
017335	PL.26004	B	Consumer	7.46Y	124.3	0.00	1.67	0.87	0	6	2	95	0.00	0.0	3.108	0.000	6	2	1	1		
017310	PL.26004	B	Consumer	7.46Y	124.3	0.00	1.67	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	7.46Y 7.32Y	124.3 121.9	0.08 0.02	1.75 4.07	24.84 12.30	21 10	175 85	61 30	94 94	0.12 0.0	0.0	3.177	0.069	0 0	0 0	0 0	36 19		
PL.37902	PL.37901	B C	4ACSR	7.45Y 7.32Y	124.2 121.9	0.02 0.01	1.77 4.08	24.84 12.30	21 10	175 85	61 30	94 94	0.03 0.0	0.0	3.196	0.020	0 0	0 0	0 0	36 19		
PL.5959	PL.37902	B	4ACSR	7.45Y	124.1	0.14	1.91	23.44	20	165	57	95	0.17	0.1	3.324	0.127	0	0	0	34		
PL.6086	PL.5959	B	4ACSR	7.44Y	124.0	0.07	1.97	22.00	18	155	54	94	0.08	0.0	3.389	0.066	0	0	0	33		
PL.77	PL.6086	B	4ACSR	7.44Y	124.0	0.03	2.00	22.00	18	155	54	94	0.03	0.0	3.417	0.027	0	0	0	33		
0174039	PL.77	B	Consumer	7.44Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	3.417	0.000	0	0	0	0		
0174032	PL.77	B	Consumer	7.44Y	124.0	0.00	2.00	0.56	0	4	1	97	0.00	0.0	3.417	0.000	4	1	1	1		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.11356	PL.77	B	4ACSR	7.44Y	124.0	0.04	2.04	18.46	16	130	45	94	0.04	0.0	3.469	0.053	0	0	0	29
PL.33750	PL.11356	B	4ACSR	7.44Y	124.0	0.00	2.04	0.94	1	7	2	96	0.00	0.0	3.480	0.011	0	0	0	2
PD.4022	PL.33750	B	fuse6AMP	7.44Y	124.0	0.00	2.04	0.94	16	7	2	96	0.00	0.0	3.480	0.000	0	0	0	2
PL.33751	PD.4022	B	4ACSR	7.44Y	124.0	0.00	2.05	0.94	1	7	2	96	0.00	0.0	3.541	0.061	0	0	0	2
PL.27864	PL.33751	B	4ACSR	7.44Y	123.9	0.00	2.05	0.94	1	7	2	96	0.00	0.0	3.632	0.091	0	0	0	2
PL.11357	PL.27864	B	4ACSR	7.44Y	123.9	0.00	2.05	0.05	0	0	0	100	0.00	0.0	3.742	0.110	0	0	0	1
017416	PL.11357	B	Consumer	7.44Y	123.9	0.00	2.05	0.05	0	0	0	100	0.00	0.0	3.742	0.000	0	0	1	1
PL.1686	PL.27864	B	4ACSR	7.44Y	123.9	0.01	2.06	0.88	1	6	2	95	0.00	0.0	3.780	0.148	0	0	0	1
017417	PL.1686	B	Consumer	7.44Y	123.9	0.00	2.06	0.88	0	6	2	95	0.00	0.0	3.780	0.000	6	2	1	1
PL.11358	PL.11356	B	4ACSR	7.43Y	123.9	0.05	2.09	17.52	15	123	43	94	0.05	0.0	3.533	0.064	0	0	0	27
017412	PL.11358	B	Consumer	7.43Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	3.533	0.000	0	0	0	0
017401	PL.11358	B	Consumer	7.43Y	123.9	0.00	2.09	1.28	0	9	3	95	0.00	0.0	3.533	0.000	9	3	1	1
PL.11359	PL.11358	B	4ACSR	7.43Y	123.9	0.03	2.13	16.24	14	114	40	94	0.03	0.0	3.575	0.042	0	0	0	26
PL.11360	PL.11359	B	4ACSR	7.43Y	123.8	0.04	2.17	15.11	13	106	37	94	0.03	0.0	3.639	0.064	0	0	0	24
PL.11361	PL.11360	B	4ACSR	7.43Y	123.8	0.01	2.18	3.14	3	22	8	94	0.00	0.0	3.691	0.052	0	0	0	7
PL.10635	PL.11361	B	4ACSR	7.43Y	123.8	0.01	2.19	3.14	3	22	8	94	0.00	0.0	3.795	0.105	0	0	0	7
PL.33079	PL.10635	B	4ACSR	7.43Y	123.8	0.00	2.19	2.03	2	14	5	94	0.00	0.0	3.801	0.006	0	0	0	6
PD.3947-A	PL.33079	B	Closed	7.43Y	123.8	0.00	2.19	2.03	0	14	5	94	0.00	0.0	3.801	0.000	0	0	0	6
PD.3947-B	PD.3947-A	B	Closed	7.43Y	123.8	0.00	2.19	2.03	0	14	5	94	0.00	0.0	3.801	0.000	0	0	0	6
PL.45572	PD.3947-B	B	4ACSR	7.43Y	123.8	0.01	2.20	2.03	2	14	5	94	0.00	0.0	3.934	0.133	0	0	0	6
PL.45573	PL.45572	B	4ACSR	7.43Y	123.8	0.00	2.21	2.03	2	14	5	94	0.00	0.0	3.979	0.045	0	0	0	6
PL.31911	PL.45573	B	4ACSR	7.43Y	123.8	0.01	2.22	2.03	2	14	5	94	0.00	0.0	4.084	0.105	0	0	0	6
PL.31912	PL.31911	B	4ACSR	7.43Y	123.8	0.01	2.22	1.38	1	10	3	96	0.00	0.0	4.181	0.096	0	0	0	5
017429	PL.31912	B	Consumer	7.43Y	123.8	0.00	2.22	0.19	0	1	0	100	0.00	0.0	4.181	0.000	1	0	1	1
PL.43780	PL.31912	B	4ACSR	7.43Y	123.8	0.00	2.23	1.19	1	8	3	94	0.00	0.0	4.258	0.078	0	0	0	4
PL.43781	PL.43780	B	4ACSR	7.43Y	123.8	0.00	2.23	1.19	1	8	3	94	0.00	0.0	4.338	0.080	0	0	0	3
PL.40812	PL.43781	B	4ACSR	7.43Y	123.8	0.00	2.24	0.35	0	2	1	89	0.00	0.0	4.492	0.154	0	0	0	2
PL.26003	PL.40812	B	4ACSR	7.43Y	123.8	0.00	2.24	0.26	0	2	1	89	0.00	0.0	4.590	0.098	0	0	0	1
017425	PL.26003	B	Consumer	7.43Y	123.8	0.00	2.24	0.26	0	2	1	89	0.00	0.0	4.590	0.000	2	1	1	1
PL.1687	PL.40812	B	4ACSR	7.43Y	123.8	0.00	2.24	0.09	0	1	0	100	0.00	0.0	4.507	0.015	0	0	0	1
017428	PL.1687	B	Consumer	7.43Y	123.8	0.00	2.24	0.09	0	1	0	100	0.00	0.0	4.507	0.000	1	0	1	1
PL.40810	PL.43781	B	2ACSR	7.43Y	123.8	0.00	2.23	0.84	1	6	2	95	0.00	0.0	4.357	0.019	0	0	0	1
0174034	PL.40810	B	Consumer	7.43Y	123.8	0.00	2.23	0.84	0	6	2	95	0.00	0.0	4.357	0.000	6	2	1	1
PL.45776	PL.43780	B	2ACSR	7.43Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	4.315	0.057	0	0	0	1
PL.45777	PL.45776	B	2ACSR	7.43Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	4.372	0.057	0	0	0	1
PL.44200	PL.45777	B	2ACSR	7.43Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	4.600	0.228	0	0	0	1
0174035	PL.44200	B	Consumer	7.43Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	4.600	0.000	0	0	1	1
0174036	PL.45776	B	Consumer	7.43Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	4.315	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
0174040	PL.45776	B	Consumer	7.43Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	4.315	0.000	0	0	0	0
PL.31910	PL.31911	B	4ACSR	7.43Y	123.8	0.00	2.22	0.65	1	5	2	93	0.00	0.0	4.198	0.114	0	0	0	1
0174031	PL.31910	B	Consumer	7.43Y	123.8	0.00	2.22	0.65	0	5	2	93	0.00	0.0	4.198	0.000	5	2	1	1
0174038	PL.45572	B	Consumer	7.43Y	123.8	0.00	2.20	0.00	0	0	0	100	0.00	0.0	3.934	0.000	0	0	0	0
0174037	PL.10635	B	Consumer	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	3.795	0.000	0	0	0	0
PL.10636	PL.10635	B	4ACSR	7.43Y	123.8	0.00	2.19	1.11	1	8	3	94	0.00	0.0	3.820	0.025	0	0	0	1
017418	PL.10636	B	Consumer	7.43Y	123.8	0.00	2.19	1.11	0	8	3	94	0.00	0.0	3.820	0.000	8	3	1	1
017413	PL.11361	B	Consumer	7.43Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	3.691	0.000	0	0	0	0
PL.18579	PL.11360	B	4ACSR	7.43Y	123.8	0.00	2.17	11.97	10	84	29	95	0.00	0.0	3.645	0.006	0	0	0	17
PD.157-A	PL.18579	B	Closed	7.43Y	123.8	0.00	2.17	11.97	0	84	29	95	0.00	0.0	3.645	0.000	0	0	0	17
PD.157-B	PD.157-A	B	Closed	7.43Y	123.8	0.00	2.17	11.97	0	84	29	95	0.00	0.0	3.645	0.000	0	0	0	17
PL.18580	PD.157-B	B	4ACSR	7.43Y	123.8	0.05	2.23	11.97	10	84	29	95	0.03	0.0	3.744	0.100	0	0	0	17
PL.6110	PL.18580	B	4ACSR	7.42Y	123.7	0.03	2.25	10.93	9	77	27	94	0.02	0.0	3.798	0.054	0	0	0	16
PL.33754	PL.6110	B	4ACSR	7.42Y	123.7	0.00	2.25	0.13	0	1	0	100	0.00	0.0	3.810	0.012	0	0	0	1
PD.4024	PL.33754	B	fuse6AMP	7.42Y	123.7	0.00	2.25	0.13	2	1	0	100	0.00	0.0	3.810	0.000	0	0	0	1
PL.33755	PD.4024	B	4ACSR	7.42Y	123.7	0.00	2.25	0.13	0	1	0	100	0.00	0.0	3.843	0.033	0	0	0	1
017430	PL.33755	B	Consumer	7.42Y	123.7	0.00	2.25	0.13	0	1	0	100	0.00	0.0	3.843	0.000	1	0	1	1
017407	PL.6110	B	Consumer	7.42Y	123.7	0.00	2.25	0.77	0	5	2	93	0.00	0.0	3.798	0.000	5	2	1	1
017402	PL.6110	B	Consumer	7.42Y	123.7	0.00	2.25	0.48	0	3	1	95	0.00	0.0	3.798	0.000	3	1	1	1
017403	PL.6110	B	Consumer	7.42Y	123.7	0.00	2.25	0.00	0	0	0	100	0.00	0.0	3.798	0.000	0	0	0	0
PL.10637	PL.6110	B	4ACSR	7.42Y	123.7	0.03	2.29	9.55	8	67	23	95	0.02	0.0	3.872	0.075	0	0	0	13
PL.10638	PL.10637	B	4ACSR	7.42Y	123.7	0.05	2.33	8.61	7	60	21	94	0.02	0.0	3.988	0.116	0	0	0	11
PL.33756	PL.10638	B	4ACSR	7.42Y	123.7	0.00	2.33	1.98	2	14	5	94	0.00	0.0	4.004	0.015	0	0	0	2
PD.4025	PL.33756	B	fuse6AMP	7.42Y	123.7	0.00	2.33	1.98	34	14	5	94	0.00	0.0	4.004	0.000	0	0	0	2
PL.33757	PD.4025	B	4ACSR	7.42Y	123.7	0.01	2.34	1.98	2	14	5	94	0.00	0.0	4.081	0.078	0	0	0	2
PL.6113	PL.33757	B	4ACSR	7.42Y	123.7	0.00	2.34	1.98	2	14	5	94	0.00	0.0	4.081	0.000	0	0	0	2
017405	PL.6113	B	Consumer	7.42Y	123.7	0.00	2.34	0.81	0	6	2	95	0.00	0.0	4.081	0.000	6	2	1	1
017422	PL.6113	B	Consumer	7.42Y	123.7	0.00	2.34	1.17	0	8	3	94	0.00	0.0	4.081	0.000	8	3	1	1
0174033	PL.10638	B	Consumer	7.42Y	123.7	0.00	2.33	0.54	0	4	1	97	0.00	0.0	3.988	0.000	4	1	1	1
017426	PL.10638	B	Consumer	7.42Y	123.7	0.00	2.33	0.03	0	0	0	100	0.00	0.0	3.988	0.000	0	0	1	1
PL.10639	PL.10638	B	4ACSR	7.42Y	123.7	0.01	2.34	6.06	5	42	15	94	0.00	0.0	4.019	0.030	0	0	0	7
PL.25999	PL.10639	B	4ACSR	7.42Y	123.6	0.01	2.35	6.06	5	42	15	94	0.00	0.0	4.057	0.038	0	0	0	7
PL.5750	PL.25999	B	4ACSR	7.42Y	123.6	0.02	2.37	6.06	5	42	15	94	0.01	0.0	4.125	0.068	0	0	0	7
PL.5079	PL.5750	B	4ACSR	7.42Y	123.6	0.01	2.38	5.48	5	38	13	95	0.00	0.0	4.172	0.047	0	0	0	5
PL.26000	PL.5079	B	4ACSR	7.42Y	123.6	0.00	2.38	4.35	4	30	11	94	0.00	0.0	4.188	0.016	0	0	0	4
PL.26001	PL.26000	B	4ACSR	7.42Y	123.6	0.00	2.39	0.61	1	4	1	97	0.00	0.0	4.356	0.168	0	0	0	1
016401	PL.26001	B	Consumer	7.42Y	123.6	0.00	2.39	0.61	0	4	1	97	0.00	0.0	4.356	0.000	4	1	1	1
PL.33760	PL.26000	B	4ACSR	7.42Y	123.6	0.00	2.39	3.74	3	26	9	94	0.00	0.0	4.196	0.008	0	0	0	3

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.4027	PL.33760	B	fuse6AMP	7.42Y	123.6	0.00	2.39	3.74	64	26	9	94	0.00	0.0	4.196	0.000	0	0	0	3		
PL.33761	PD.4027	B	4ACSR	7.42Y	123.6	0.01	2.40	3.74	3	26	9	94	0.00	0.0	4.257	0.062	0	0	0	3		
016405	PL.33761	B	Consumer	7.42Y	123.6	0.00	2.40	0.69	0	5	2	93	0.00	0.0	4.257	0.000	5	2	1	1		
0164012	PL.33761	B	Consumer	7.42Y	123.6	0.00	2.40	1.05	0	7	3	92	0.00	0.0	4.257	0.000	7	3	1	1		
016409	PL.33761	B	Consumer	7.42Y	123.6	0.00	2.40	2.00	0	14	5	94	0.00	0.0	4.257	0.000	14	5	1	1		
016410	PL.5079	B	Consumer	7.42Y	123.6	0.00	2.38	1.13	0	8	3	94	0.00	0.0	4.172	0.000	8	3	1	1		
016407	PL.5750	B	Consumer	7.42Y	123.6	0.00	2.37	0.58	0	4	1	97	0.00	0.0	4.125	0.000	4	1	1	1		
016411	PL.5750	B	Consumer	7.42Y	123.6	0.00	2.37	0.01	0	0	0	100	0.00	0.0	4.125	0.000	0	0	1	1		
PL.33758	PL.10639	B	4ACSR	7.42Y	123.7	0.00	2.34	0.00	0	0	0	100	0.00	0.0	4.027	0.008	0	0	0	0		
PD.4026	PL.33758	B	fuse6AMP	7.42Y	123.7	0.00	2.34	0.00	0	0	0	100	0.00	0.0	4.027	0.000	0	0	0	0		
PL.33759	PD.4026	B	4ACSR	7.42Y	123.7	0.00	2.34	0.00	0	0	0	100	0.00	0.0	4.080	0.052	0	0	0	0		
PL.43691	PL.10637	B	4ACSR	7.42Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	3.877	0.005	0	0	0	0		
PD.8311	PL.43691	B	fuse6AMP	7.42Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	3.877	0.000	0	0	0	0		
PL.43692	PD.8311	B	4ACSR	7.42Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	3.972	0.094	0	0	0	0		
017427	PL.10637	B	Consumer	7.42Y	123.7	0.00	2.29	0.09	0	1	0	100	0.00	0.0	3.872	0.000	1	0	1	1		
017411	PL.10637	B	Consumer	7.42Y	123.7	0.00	2.29	0.85	0	6	2	95	0.00	0.0	3.872	0.000	6	2	1	1		
017410	PL.10637	B	Consumer	7.42Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	3.872	0.000	0	0	0	0		
017424	PL.18580	B	Consumer	7.43Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	3.744	0.000	0	0	0	0		
017408	PL.18580	B	Consumer	7.43Y	123.8	0.00	2.23	1.04	0	7	3	92	0.00	0.0	3.744	0.000	7	3	1	1		
017415	PL.11359	B	Consumer	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	3.575	0.000	0	0	1	1		
PL.33752	PL.11359	B	4ACSR	7.43Y	123.9	0.00	2.13	1.14	1	8	3	94	0.00	0.0	3.589	0.014	0	0	0	1		
PD.4023	PL.33752	B	fuse6AMP	7.43Y	123.9	0.00	2.13	1.14	19	8	3	94	0.00	0.0	3.589	0.000	0	0	0	1		
PL.33753	PD.4023	B	4ACSR	7.43Y	123.9	0.00	2.13	1.14	1	8	3	94	0.00	0.0	3.636	0.047	0	0	0	1		
017423	PL.33753	B	Consumer	7.43Y	123.9	0.00	2.13	1.14	0	8	3	94	0.00	0.0	3.636	0.000	8	3	1	1		
PL.33748	PL.77	B	4ACSR	7.44Y	124.0	0.00	2.00	2.97	2	21	7	95	0.00	0.0	3.425	0.008	0	0	0	3		
PD.4021	PL.33748	B	fuse6AMP	7.44Y	124.0	0.00	2.00	2.97	51	21	7	95	0.00	0.0	3.425	0.000	0	0	0	3		
PL.33749	PD.4021	B	4ACSR	7.44Y	124.0	0.01	2.01	2.97	2	21	7	95	0.00	0.0	3.500	0.075	0	0	0	3		
PL.1641	PL.33749	B	4ACSR	7.44Y	124.0	0.00	2.01	2.38	2	17	6	94	0.00	0.0	3.511	0.011	0	0	0	2		
PL.1208	PL.1641	B	4ACSR	7.44Y	124.0	0.00	2.01	2.38	2	17	6	94	0.00	0.0	3.525	0.014	0	0	0	2		
PL.1209	PL.1208	B	4ACSR	7.44Y	124.0	0.00	2.02	1.29	1	9	3	95	0.00	0.0	3.575	0.050	0	0	0	1		
017339	PL.1209	B	Consumer	7.44Y	124.0	0.00	2.02	1.29	0	9	3	95	0.00	0.0	3.575	0.000	9	3	1	1		
017345	PL.1208	B	Consumer	7.44Y	124.0	0.00	2.01	1.09	0	8	3	94	0.00	0.0	3.525	0.000	8	3	1	1		
017414	PL.33749	B	Consumer	7.44Y	124.0	0.00	2.01	0.59	0	4	1	97	0.00	0.0	3.500	0.000	4	1	1	1		
017332	PL.5959	B	Consumer	7.45Y	124.1	0.00	1.91	1.44	0	10	4	93	0.00	0.0	3.324	0.000	10	4	1	1		
PL.33746	PL.37902	C	4ACSR	7.32Y	121.9	0.00	4.08	7.86	7	54	19	94	0.00	0.0	3.209	0.013	0	0	0	11		
C PD.4020	PL.33746	C	fuse6AMP	7.32Y	121.9	0.00	4.08	7.86	134	54	19	94	0.00	0.0	3.209	0.000	0	0	0	11 C		
PL.33747	PD.4020	C	4ACSR	7.31Y	121.9	0.01	4.10	7.86	7	54	19	94	0.01	0.0	3.250	0.041	0	0	0	11		
PL.6096	PL.33747	C	4ACSR	7.31Y	121.9	0.01	4.11	7.07	6	49	17	94	0.00	0.0	3.285	0.034	0	0	0	10		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
017382	PL.6096	C	Consumer	7.31Y	121.9	0.00	4.11	0.75	0	5	2	93	0.00	0.0	3.285	0.000	5	2	1	1
PL.6097	PL.6096	C	4ACSR	7.31Y	121.9	0.01	4.12	6.32	5	44	15	95	0.00	0.0	3.333	0.048	0	0	0	9
PL.1205	PL.6097	C	4ACSR	7.31Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	3.353	0.020	0	0	0	0
PL.1206	PL.6097	C	4ACSR	7.31Y	121.9	0.01	4.13	4.15	3	29	10	95	0.00	0.0	3.371	0.038	0	0	0	6
017340	PL.1206	C	Consumer	7.31Y	121.9	0.00	4.13	0.00	0	0	0	100	0.00	0.0	3.371	0.000	0	0	0	0
PL.5957	PL.1206	C	4ACSR	7.31Y	121.9	0.01	4.14	4.15	3	29	10	95	0.00	0.0	3.412	0.041	0	0	0	6
PL.5958	PL.5957	C	4ACSR	7.31Y	121.9	0.01	4.14	2.53	2	17	6	94	0.00	0.0	3.462	0.050	0	0	0	4
017333	PL.5958	C	Consumer	7.31Y	121.9	0.00	4.14	1.31	0	9	3	95	0.00	0.0	3.462	0.000	9	3	1	1
017344	PL.5958	C	Consumer	7.31Y	121.9	0.00	4.14	0.70	0	5	2	93	0.00	0.0	3.462	0.000	5	2	1	1
PL.1207	PL.5958	C	4ACSR	7.31Y	121.9	0.00	4.14	0.52	0	4	1	97	0.00	0.0	3.503	0.042	0	0	0	2
017341	PL.1207	C	Consumer	7.31Y	121.9	0.00	4.14	0.09	0	1	0	100	0.00	0.0	3.503	0.000	1	0	1	1
017349	PL.1207	C	Consumer	7.31Y	121.9	0.00	4.14	0.43	0	3	1	95	0.00	0.0	3.503	0.000	3	1	1	1
017331	PL.5957	C	Consumer	7.31Y	121.9	0.00	4.14	0.71	0	5	2	93	0.00	0.0	3.412	0.000	5	2	1	1
017355	PL.5957	C	Consumer	7.31Y	121.9	0.00	4.14	0.91	0	6	2	95	0.00	0.0	3.412	0.000	6	2	1	1
PL.1198	PL.6097	C	4ACSR	7.31Y	121.9	0.01	4.13	2.18	2	15	5	95	0.00	0.0	3.395	0.062	0	0	0	3
017366	PL.1198	C	Consumer	7.31Y	121.9	0.00	4.13	0.80	0	6	2	95	0.00	0.0	3.395	0.000	6	2	1	1
017369	PL.1198	C	Consumer	7.31Y	121.9	0.00	4.13	0.53	0	4	1	97	0.00	0.0	3.395	0.000	4	1	1	1
017370	PL.1198	C	Consumer	7.31Y	121.9	0.00	4.13	0.84	0	6	2	95	0.00	0.0	3.395	0.000	6	2	1	1
017374	PL.33747	C	Consumer	7.31Y	121.9	0.00	4.10	0.79	0	5	2	93	0.00	0.0	3.250	0.000	5	2	1	1
0173085	PL.37902	B	Consumer	7.45Y	124.2	0.00	1.77	0.88	0	6	2	95	0.00	0.0	3.196	0.000	6	2	1	1
017354	PL.37902	B	Consumer	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	3.196	0.000	0	0	0	0
017373	PL.37902	B	Consumer	7.45Y	124.2	0.00	1.77	0.53	0	4	1	97	0.00	0.0	3.196	0.000	4	1	1	1
PL.33744	PL.37902	C	4ACSR	7.32Y	121.9	0.00	4.08	4.44	4	31	11	94	0.00	0.0	3.213	0.017	0	0	0	8
PD.4019	PL.33744	C	fuse6AMP	7.32Y	121.9	0.00	4.08	4.44	76	31	11	94	0.00	0.0	3.213	0.000	0	0	0	8
PL.33745	PD.4019	C	4ACSR	7.31Y	121.9	0.01	4.09	4.44	4	31	11	94	0.00	0.0	3.243	0.030	0	0	0	8
PL.1227	PL.33745	C	4ACSR	7.31Y	121.9	0.00	4.09	1.08	1	7	3	92	0.00	0.0	3.313	0.070	0	0	0	3
PL.33992	PL.1227	C	2ACSR	7.31Y	121.9	0.00	4.09	0.39	0	3	1	95	0.00	0.0	3.469	0.156	0	0	0	2
0163087	PL.33992	C	Consumer	7.31Y	121.9	0.00	4.09	0.37	0	3	1	95	0.00	0.0	3.469	0.000	3	1	1	1
PL.41282	PL.33992	C	2ACSR	7.31Y	121.9	0.00	4.09	0.01	0	0	0	100	0.00	0.0	3.577	0.108	0	0	0	1
0163088	PL.41282	C	Consumer	7.31Y	121.9	0.00	4.09	0.01	0	0	0	100	0.00	0.0	3.577	0.000	0	0	1	1
017376	PL.1227	C	Consumer	7.31Y	121.9	0.00	4.09	0.69	0	5	2	93	0.00	0.0	3.313	0.000	5	2	1	1
017350	PL.33745	C	Consumer	7.31Y	121.9	0.00	4.09	0.00	0	0	0	100	0.00	0.0	3.243	0.000	0	0	1	1
017306	PL.33745	C	Consumer	7.31Y	121.9	0.00	4.09	1.56	0	11	4	94	0.00	0.0	3.243	0.000	11	4	1	1
017307	PL.33745	C	Consumer	7.31Y	121.9	0.00	4.09	1.20	0	8	3	94	0.00	0.0	3.243	0.000	8	3	1	1
017372	PL.33745	C	Consumer	7.31Y	121.9	0.00	4.09	0.57	0	4	1	97	0.00	0.0	3.243	0.000	4	1	1	1
017356	PL.33745	C	Consumer	7.31Y	121.9	0.00	4.09	0.04	0	0	0	100	0.00	0.0	3.243	0.000	0	0	1	1
PL.3568	OH16	A	4ACSR	7.35Y	122.5	0.03	3.48	15.00	13	104	36	94	0.03	0.0	3.009	0.048	0	0	0	17
PL.3567	PL.3568	A	4ACSR	7.35Y	122.5	0.02	3.50	14.32	12	100	34	95	0.02	0.0	3.041	0.032	0	0	0	16

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	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.7536	PL.3567	A	4ACSR	7.35Y	122.5	0.02	3.52	14.32	12	100	34	95	0.02	0.0	3.073	0.032	0	0	0	16
PL.38684	PL.7536	A	4ACSR	7.35Y	122.5	0.02	3.54	13.19	11	92	31	95	0.02	0.0	3.113	0.040	0	0	0	15
PL.38683	PL.38684	A	4ACSR	7.35Y	122.5	0.00	3.54	12.25	10	85	29	95	0.00	0.0	3.115	0.002	0	0	0	14
C PD.7062	PL.38683	A	fuse6AMP	7.35Y	122.5	0.00	3.54	12.25	209	85	29	95	0.00	0.0	3.115	0.000	0	0	0	14 C
PL.38680	PD.7062	A	4ACSR	7.35Y	122.5	0.00	3.55	12.25	10	85	29	95	0.00	0.0	3.117	0.002	0	0	0	14
PL.7527	PL.38680	A	4ACSR	7.35Y	122.5	0.00	3.55	1.27	1	9	3	95	0.00	0.0	3.182	0.066	0	0	0	1
573904	PL.7527	A	Consumer	7.35Y	122.5	0.00	3.55	1.27	0	9	3	95	0.00	0.0	3.182	0.000	9	3	1	1
573901	PL.38680	A	Consumer	7.35Y	122.5	0.00	3.55	0.00	0	0	0	100	0.00	0.0	3.117	0.000	0	0	0	0
PL.7525	PL.38680	A	4ACSR	7.35Y	122.4	0.02	3.57	10.98	9	76	26	95	0.01	0.0	3.166	0.049	0	0	0	13
PL.7526	PL.7525	A	4ACSR	7.34Y	122.4	0.07	3.64	8.92	7	62	21	95	0.03	0.1	3.333	0.168	0	0	0	12
017367	PL.7526	A	Consumer	7.34Y	122.4	0.00	3.64	0.77	0	5	2	93	0.00	0.0	3.333	0.000	5	2	1	1
017322	PL.7526	A	Consumer	7.34Y	122.4	0.00	3.64	0.66	0	5	2	93	0.00	0.0	3.333	0.000	5	2	1	1
PL.5954	PL.7526	A	4ACSR	7.34Y	122.3	0.02	3.65	7.49	6	52	17	95	0.01	0.0	3.383	0.050	0	0	0	10
PL.11345	PL.5954	A	4ACSR	7.34Y	122.3	0.01	3.66	6.76	6	47	16	95	0.00	0.0	3.415	0.032	0	0	0	9
PL.11344	PL.11345	A	4ACSR	7.34Y	122.3	0.02	3.69	5.91	5	41	13	95	0.01	0.0	3.503	0.088	0	0	0	8
PL.5953	PL.11344	A	4ACSR	7.34Y	122.3	0.02	3.70	5.72	5	40	13	95	0.00	0.0	3.567	0.063	0	0	0	7
017325	PL.5953	A	Consumer	7.34Y	122.3	0.00	3.70	0.63	0	4	2	89	0.00	0.0	3.567	0.000	4	2	1	1
PL.5882	PL.5953	A	4ACSR	7.34Y	122.3	0.01	3.71	3.39	3	24	7	96	0.00	0.0	3.626	0.059	0	0	0	5
PL.11346	PL.5882	A	4ACSR	7.34Y	122.3	0.01	3.72	3.39	3	24	7	96	0.00	0.0	3.697	0.071	0	0	0	5
PL.11348	PL.11346	A	4ACSR	7.34Y	122.3	0.01	3.73	2.87	2	20	6	96	0.00	0.0	3.774	0.076	0	0	0	4
PL.11349	PL.11348	A	4ACSR	7.34Y	122.3	0.00	3.74	2.10	2	15	4	97	0.00	0.0	3.814	0.040	0	0	0	3
PD.1899	PL.11349	A	fuse6AMP	7.34Y	122.3	0.00	3.74	2.10	36	15	4	97	0.00	0.0	3.814	0.000	0	0	0	3
PL.1632	PD.1899	A	1/0EPRJCN	7.34Y	122.3	0.00	3.74	2.10	1	15	4	97	0.00	0.0	3.836	0.022	0	0	0	3
PL.11350	PL.1632	A	1/0EPRJCN	7.34Y	122.3	0.00	3.74	2.11	1	15	4	97	0.00	0.0	3.867	0.031	0	0	0	3
PL.1680	PL.11350	A	1/0EPRJCN	7.34Y	122.3	0.00	3.74	0.52	0	4	1	97	0.00	0.0	3.915	0.048	0	0	0	1
017421	PL.1680	A	Consumer	7.34Y	122.3	0.00	3.74	0.53	0	4	1	97	0.00	0.0	3.915	0.000	4	1	1	1
PL.11351	PL.11350	A	1/0EPRJCN	7.34Y	122.3	0.00	3.74	0.75	0	5	2	93	0.00	0.0	3.908	0.041	0	0	0	1
017420	PL.11351	A	Consumer	7.34Y	122.3	0.00	3.74	0.76	0	5	2	93	0.00	0.0	3.908	0.000	5	2	1	1
PL.23753	PL.11350	A	1/0EPRJCN	7.34Y	122.3	0.00	3.74	0.84	0	6	2	95	0.00	0.0	3.908	0.041	0	0	0	1
017419	PL.23753	A	Consumer	7.34Y	122.3	0.00	3.74	0.85	0	6	2	95	0.00	0.0	3.908	0.000	6	2	1	1
PL.38691	PL.11348	A	4ACSR	7.34Y	122.3	0.00	3.73	0.77	1	5	2	93	0.00	0.0	3.778	0.005	0	0	0	1
PD.7066	PL.38691	A	fuse6AMP	7.34Y	122.3	0.00	3.73	0.77	13	5	2	93	0.00	0.0	3.778	0.000	0	0	0	1
PL.38692	PD.7066	A	4ACSR	7.34Y	122.3	0.00	3.74	0.77	1	5	2	93	0.00	0.0	3.861	0.083	0	0	0	1
017363	PL.38692	A	Consumer	7.34Y	122.3	0.00	3.74	0.77	0	5	2	93	0.00	0.0	3.861	0.000	5	2	1	1
PL.38689	PL.11346	A	4ACSR	7.34Y	122.3	0.00	3.72	0.52	0	4	1	97	0.00	0.0	3.701	0.004	0	0	0	1
PD.7065	PL.38689	A	fuse6AMP	7.34Y	122.3	0.00	3.72	0.52	9	4	1	97	0.00	0.0	3.701	0.000	0	0	0	1
PL.38690	PD.7065	A	4ACSR	7.34Y	122.3	0.00	3.73	0.52	0	4	1	97	0.00	0.0	3.735	0.033	0	0	0	1
017381	PL.38690	A	Consumer	7.34Y	122.3	0.00	3.73	0.52	0	4	1	97	0.00	0.0	3.735	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
017357	PL.38690	A	Consumer	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	3.735	0.000	0	0	0	0
017358	PL.38690	A	Consumer	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	3.735	0.000	0	0	0	0
PL.38687	PL.5953	A	4ACSR	7.34Y	122.3	0.00	3.71	1.71	1	12	4	95	0.00	0.0	3.574	0.008	0	0	0	1
PD.7064	PL.38687	A	fuse6AMP	7.34Y	122.3	0.00	3.71	1.71	29	12	4	95	0.00	0.0	3.574	0.000	0	0	0	1
PL.38688	PD.7064	A	4ACSR	7.34Y	122.3	0.00	3.71	1.71	1	12	4	95	0.00	0.0	3.624	0.049	0	0	0	1
017364	PL.38688	A	Consumer	7.34Y	122.3	0.00	3.71	1.71	0	12	4	95	0.00	0.0	3.624	0.000	12	4	1	1
017346	PL.11344	A	Consumer	7.34Y	122.3	0.00	3.69	0.19	0	1	0	100	0.00	0.0	3.503	0.000	1	0	1	1
017320	PL.11344	A	Consumer	7.34Y	122.3	0.00	3.69	0.00	0	0	0	100	0.00	0.0	3.503	0.000	0	0	0	0
PL.38685	PL.11345	A	4ACSR	7.34Y	122.3	0.00	3.66	0.85	1	6	2	95	0.00	0.0	3.418	0.003	0	0	0	1
PD.7063	PL.38685	A	fuse6AMP	7.34Y	122.3	0.00	3.66	0.85	15	6	2	95	0.00	0.0	3.418	0.000	0	0	0	1
PL.38686	PD.7063	A	4ACSR	7.34Y	122.3	0.00	3.67	0.85	1	6	2	95	0.00	0.0	3.439	0.021	0	0	0	1
017362	PL.38686	A	Consumer	7.34Y	122.3	0.00	3.67	0.00	0	0	0	100	0.00	0.0	3.439	0.000	0	0	0	0
017338	PL.38686	A	Consumer	7.34Y	122.3	0.00	3.67	0.85	0	6	2	95	0.00	0.0	3.439	0.000	6	2	1	1
017305	PL.5954	A	Consumer	7.34Y	122.3	0.00	3.65	0.73	0	5	2	93	0.00	0.0	3.383	0.000	5	2	1	1
573903	PL.7525	A	Consumer	7.35Y	122.4	0.00	3.57	2.06	0	14	5	94	0.00	0.0	3.166	0.000	14	5	1	1
PL.38682	PL.38684	A	4ACSR	7.35Y	122.5	0.00	3.55	0.94	1	7	2	96	0.00	0.0	3.158	0.046	0	0	0	1
572904	PL.38682	A	Consumer	7.35Y	122.5	0.00	3.55	0.94	0	7	2	96	0.00	0.0	3.158	0.000	7	2	1	1
572906	PL.7536	A	Consumer	7.35Y	122.5	0.00	3.52	1.13	0	8	3	94	0.00	0.0	3.073	0.000	8	3	1	1
572902	PL.3567	A	Consumer	7.35Y	122.5	0.00	3.50	0.00	0	0	0	100	0.00	0.0	3.041	0.000	0	0	0	0
572903	PL.3568	A	Consumer	7.35Y	122.5	0.00	3.48	0.00	0	0	0	100	0.00	0.0	3.009	0.000	0	0	0	0
572901	PL.3568	A	Consumer	7.35Y	122.5	0.00	3.48	0.69	0	5	2	93	0.00	0.0	3.009	0.000	5	2	1	1
572905	PL.3568	A	Consumer	7.35Y	122.5	0.00	3.48	0.00	0	0	0	100	0.00	0.0	3.009	0.000	0	0	0	0
572004	OH16	A	Consumer	7.35Y	122.6	0.00	3.45	1.24	0	9	3	95	0.00	0.0	2.961	0.000	9	3	1	1
PL.28052	PL.28051	A	4/0ACSR	7.36Y	122.7	0.01	3.30	42.94	15	296	112	94	0.12	0.0	2.750	0.041	0	0	0	31
		B		7.47Y	124.5	0.01	1.47	25.72	9	179	70	93					0	0	0	11
		C		7.32Y	122.0	0.04	4.03	60.83	21	417	157	94					0	0	0	68
PL.16677	PL.28052	C	4ACSR	7.32Y	122.0	0.00	4.03	5.75	5	40	14	94	0.00	0.0	2.755	0.005	0	0	0	7
C PD.2845	PL.16677	C	fuse6AMP	7.32Y	122.0	0.00	4.03	5.75	98	40	14	94	0.00	0.0	2.755	0.000	0	0	0	7 C
PL.16678	PD.2845	C	4ACSR	7.32Y	121.9	0.05	4.08	5.75	5	40	14	94	0.02	0.0	2.945	0.190	0	0	0	7
PL.6093	PL.16678	C	4ACSR	7.31Y	121.9	0.04	4.12	5.75	5	40	14	94	0.01	0.0	3.117	0.172	0	0	0	7
017379	PL.6093	C	Consumer	7.31Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	3.117	0.000	0	0	0	0
PL.26097	PL.6093	C	4ACSR	7.31Y	121.8	0.04	4.16	5.75	5	40	14	94	0.01	0.0	3.267	0.150	0	0	0	7
PL.26098	PL.26097	C	4ACSR	7.31Y	121.8	0.02	4.18	2.51	2	17	6	94	0.00	0.0	3.399	0.132	0	0	0	4
017204	PL.26098	C	Consumer	7.31Y	121.8	0.00	4.18	0.26	0	2	1	89	0.00	0.0	3.399	0.000	2	1	1	1
017216	PL.26098	C	Consumer	7.31Y	121.8	0.00	4.18	1.11	0	8	3	94	0.00	0.0	3.399	0.000	8	3	1	1
PL.1629	PL.26098	C	4ACSR	7.31Y	121.8	0.00	4.18	0.61	1	4	1	97	0.00	0.0	3.465	0.066	0	0	0	1
017214	PL.1629	C	Consumer	7.31Y	121.8	0.00	4.18	0.61	0	4	1	97	0.00	0.0	3.465	0.000	4	1	1	1
PL.26099	PL.26098	C	4ACSR	7.31Y	121.8	0.00	4.18	0.53	0	4	1	97	0.00	0.0	3.468	0.070	0	0	0	1
PL.6089	PL.26099	C	4ACSR	7.31Y	121.8	0.00	4.18	0.00	0	0	0	100	0.00	0.0	3.862	0.393	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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\EXISTING JUL05 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.10640	PL.17935	A	4/0ACSR	7.36Y	122.6	0.02	3.39	38.56	14	265	101	93	0.14	0.0	3.071	0.062	0	0	0	27		
		B		7.47Y	124.4	0.02	1.55	25.34	9	176	69	93					0	0	0	9		
		C		7.30Y	121.7	0.05	4.28	53.23	19	364	138	93					0	0	0	57		
PL.10641	PL.10640	A	4/0ACSR	7.36Y	122.6	0.01	3.40	38.56	14	265	101	93	0.08	0.0	3.109	0.038	0	0	0	27		
		B		7.47Y	124.4	0.01	1.56	25.34	9	176	69	93					0	0	0	9		
		C		7.30Y	121.7	0.03	4.31	53.13	19	363	138	93					0	0	0	56		
PL.10642	PL.10641	A	4/0ACSR	7.35Y	122.6	0.02	3.42	38.56	14	265	101	93	0.12	0.0	3.164	0.056	0	0	0	27		
		B		7.47Y	124.4	0.01	1.58	25.34	9	176	69	93					0	0	0	9		
		C		7.30Y	121.6	0.04	4.36	53.13	19	363	138	93					0	0	0	56		
PL.18788	PL.10642	C	4ACSR	7.30Y	121.6	0.00	4.36	6.97	6	48	17	94	0.00	0.0	3.178	0.013	0	0	0	12		
C PD.1793	PL.18788	C	fuse6AMP	7.30Y	121.6	0.00	4.36	6.97	119	48	17	94	0.00	0.0	3.178	0.000	0	0	0	12 C		
PL.18789	PD.1793	C	4ACSR	7.30Y	121.6	0.02	4.38	6.97	6	48	17	94	0.01	0.0	3.245	0.068	0	0	0	12		
PL.1474	PL.18789	C	4ACSR	7.30Y	121.6	0.01	4.39	5.68	5	39	14	94	0.00	0.0	3.278	0.032	0	0	0	8		
016309	PL.1474	C	Consumer	7.30Y	121.6	0.00	4.39	0.88	0	6	2	95	0.00	0.0	3.278	0.000	6	2	1	1		
016369	PL.1474	C	Consumer	7.30Y	121.6	0.00	4.39	0.75	0	5	2	93	0.00	0.0	3.278	0.000	5	2	1	1		
PL.1472	PL.1474	C	4ACSR	7.30Y	121.6	0.00	4.39	0.81	1	6	2	95	0.00	0.0	3.402	0.124	0	0	0	1		
016370	PL.1472	C	Consumer	7.30Y	121.6	0.00	4.39	0.81	0	6	2	95	0.00	0.0	3.402	0.000	6	2	1	1		
PL.1473	PL.1474	C	4ACSR	7.30Y	121.6	0.01	4.40	3.24	3	22	8	94	0.00	0.0	3.346	0.069	0	0	0	5		
016318	PL.1473	C	Consumer	7.30Y	121.6	0.00	4.40	1.41	0	10	3	96	0.00	0.0	3.346	0.000	10	3	1	1		
016384	PL.1473	C	Consumer	7.30Y	121.6	0.00	4.40	0.02	0	0	0	100	0.00	0.0	3.346	0.000	0	0	1	1		
016368	PL.1473	C	Consumer	7.30Y	121.6	0.00	4.40	0.42	0	3	1	95	0.00	0.0	3.346	0.000	3	1	1	1		
PL.1477	PL.1473	C	4ACSR	7.30Y	121.6	0.00	4.40	0.01	0	0	0	100	0.00	0.0	3.378	0.031	0	0	0	1		
016373	PL.1477	C	Consumer	7.30Y	121.6	0.00	4.40	0.01	0	0	0	100	0.00	0.0	3.378	0.000	0	0	1	1		
PL.32794	PL.1473	C	4ACSR	7.30Y	121.6	0.00	4.40	1.39	1	10	3	96	0.00	0.0	3.376	0.029	0	0	0	1		
016386	PL.32794	C	Consumer	7.30Y	121.6	0.00	4.40	1.39	0	10	3	96	0.00	0.0	3.376	0.000	10	3	1	1		
016310	PL.18789	C	Consumer	7.30Y	121.6	0.00	4.38	0.08	0	1	0	100	0.00	0.0	3.245	0.000	1	0	1	1		
SRL.5263	PL.18789	C	Consumer	7.30Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	3.245	0.000	0	0	0	0		
016361	PL.18789	C	Consumer	7.30Y	121.6	0.00	4.38	0.19	0	1	1	71	0.00	0.0	3.245	0.000	1	1	1	1		
016349	PL.18789	C	Consumer	7.30Y	121.6	0.00	4.38	0.46	0	3	1	95	0.00	0.0	3.245	0.000	3	1	1	1		
PL.45825	PL.18789	C	4ACSR	7.30Y	121.6	0.00	4.38	0.57	0	4	1	97	0.00	0.0	3.262	0.016	0	0	0	1		
PL.45826	PL.45825	C	4ACSR	7.30Y	121.6	0.00	4.38	0.57	0	4	1	97	0.00	0.0	3.273	0.011	0	0	0	1		
PL.6087	PL.45826	C	4ACSR	7.30Y	121.6	0.00	4.38	0.57	0	4	1	97	0.00	0.0	3.278	0.005	0	0	0	1		
017302	PL.6087	C	Consumer	7.30Y	121.6	0.00	4.38	0.57	0	4	1	97	0.00	0.0	3.278	0.000	4	1	1	1		
PL.6088	PL.6087	C	4ACSR	7.30Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	3.305	0.027	0	0	0	0		
PL.1212	PL.6088	C	4ACSR	7.30Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	3.398	0.093	0	0	0	0		
0163089	PL.45825	C	Consumer	7.30Y	121.6	0.00	4.38	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	7.35Y	122.6	0.02	3.44	38.56	14	265	101	93	0.10	0.0	3.219	0.054	0	0	0	27		
		B		7.46Y	124.4	0.01	1.59	25.34	9	176	69	93					0	0	0	9		
		C		7.30Y	121.6	0.04	4.39	46.16	16	315	121	93					0	0	0	44		
PL.16694	PL.10643	C	4ACSR	7.30Y	121.6	0.00	4.39	0.00	0	0	0	100	0.00	0.0	3.223	0.004	0	0	0	0		
PD.1797	PL.16694	C	fuse6AMP	7.30Y	121.6	0.00	4.39	0.00	0	0	0	100	0.00	0.0	3.223	0.000	0	0	0	0		
PL.16695	PD.1797	C	4ACSR	7.30Y	121.6	0.00	4.39	0.00	0	0	0	100	0.00	0.0	3.275	0.052	0	0	0	0		

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.10644	PL.10643	A	4/0ACSR	7.35Y	122.5	0.05	3.49	38.56	14	265	101	93	0.29	0.0	3.374	0.155	0	0	0	27		
		B		7.46Y	124.4	0.04	1.62	25.34	9	176	69	93					0	0	0	9		
		C		7.29Y	121.5	0.10	4.50	46.16	16	314	121	93					0	0	0	44		
016343	PL.10644	B	Consumer	7.46Y	124.4	0.00	1.62	0.43	0	3	1	95	0.00	0.0	3.374	0.000	3	1	1	1		
016348	PL.10644	B	Consumer	7.46Y	124.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	3.374	0.000	0	0	0	0		
016344	PL.10644	B	Consumer	7.46Y	124.4	0.00	1.62	0.81	0	6	2	95	0.00	0.0	3.374	0.000	6	2	1	1		
016347	PL.10644	B	Consumer	7.46Y	124.4	0.00	1.62	0.57	0	4	1	97	0.00	0.0	3.374	0.000	4	1	1	1		
016346	PL.10644	B	Consumer	7.46Y	124.4	0.00	1.62	0.71	0	5	2	93	0.00	0.0	3.374	0.000	5	2	1	1		
016345	PL.10644	B	Consumer	7.46Y	124.4	0.00	1.62	0.41	0	3	1	95	0.00	0.0	3.374	0.000	3	1	1	1		
016383	PL.10644	B	Consumer	7.46Y	124.4	0.00	1.62	0.02	0	0	0	100	0.00	0.0	3.374	0.000	0	0	1	1		
PL.16698	PL.10644	A	4ACSR	7.35Y	122.5	0.00	3.49	6.82	6	47	16	95	0.00	0.0	3.381	0.007	0	0	0	9		
C PD.1792	PL.16698	A	fuse6AMP	7.35Y	122.5	0.00	3.49	6.82	116	47	16	95	0.00	0.0	3.381	0.000	0	0	0	9 C		
PL.16699	PD.1792	A	4ACSR	7.35Y	122.4	0.07	3.56	6.82	6	47	16	95	0.02	0.1	3.606	0.225	0	0	0	9		
PL.11688	PL.16699	A	4ACSR	7.34Y	122.4	0.02	3.58	4.94	4	34	12	94	0.01	0.0	3.711	0.105	0	0	0	7		
016356	PL.11688	A	Consumer	7.34Y	122.4	0.00	3.58	0.16	0	1	0	100	0.00	0.0	3.711	0.000	1	0	1	1		
016320	PL.11688	A	Consumer	7.34Y	122.4	0.00	3.58	0.64	0	4	2	89	0.00	0.0	3.711	0.000	4	2	1	1		
016328	PL.11688	A	Consumer	7.34Y	122.4	0.00	3.58	0.50	0	3	1	95	0.00	0.0	3.711	0.000	3	1	1	1		
PL.11689	PL.11688	A	4ACSR	7.34Y	122.4	0.01	3.60	3.63	3	25	9	94	0.00	0.0	3.785	0.074	0	0	0	4		
PL.11690	PL.11689	A	4ACSR	7.34Y	122.4	0.01	3.60	2.99	3	21	7	95	0.00	0.0	3.829	0.044	0	0	0	3		
PL.1522	PL.11690	A	4ACSR	7.34Y	122.4	0.00	3.60	1.18	1	8	3	94	0.00	0.0	3.874	0.045	0	0	0	1		
016385	PL.1522	A	Consumer	7.34Y	122.4	0.00	3.60	1.18	0	8	3	94	0.00	0.0	3.874	0.000	8	3	1	1		
016351	PL.11690	A	Consumer	7.34Y	122.4	0.00	3.60	0.86	0	6	2	95	0.00	0.0	3.829	0.000	6	2	1	1		
016375	PL.11690	A	Consumer	7.34Y	122.4	0.00	3.60	0.95	0	7	2	96	0.00	0.0	3.829	0.000	7	2	1	1		
PL.29167	PL.11689	A	4ACSR	7.34Y	122.4	0.00	3.60	0.64	1	4	2	89	0.00	0.0	3.835	0.050	0	0	0	1		
016381	PL.29167	A	Consumer	7.34Y	122.4	0.00	3.60	0.64	0	4	2	89	0.00	0.0	3.835	0.000	4	2	1	1		
PL.1480	PL.16699	A	4ACSR	7.35Y	122.4	0.01	3.57	1.88	2	13	5	93	0.00	0.0	3.679	0.074	0	0	0	2		
PL.1481	PL.1480	A	4ACSR	7.35Y	122.4	0.01	3.57	1.88	2	13	5	93	0.00	0.0	3.747	0.068	0	0	0	2		
016313	PL.1481	A	Consumer	7.35Y	122.4	0.00	3.57	0.98	0	7	2	96	0.00	0.0	3.747	0.000	7	2	1	1		
PL.18739	PL.1481	A	4ACSR	7.35Y	122.4	0.00	3.57	0.90	1	6	2	95	0.00	0.0	3.780	0.033	0	0	0	1		
PD.1795	PL.18739	A	fuse6AMP	7.35Y	122.4	0.00	3.57	0.90	15	6	2	95	0.00	0.0	3.780	0.000	0	0	0	1		
PL.18740	PD.1795	A	4ACSR	7.34Y	122.4	0.01	3.59	0.90	1	6	2	95	0.00	0.0	4.084	0.303	0	0	0	1		
016378	PL.18740	A	Consumer	7.34Y	122.4	0.00	3.59	0.90	0	6	2	95	0.00	0.0	4.084	0.000	6	2	1	1		
PL.16700	PL.10644	C	4ACSR	7.29Y	121.5	0.00	4.50	13.57	11	93	34	94	0.00	0.0	3.379	0.005	0	0	0	26		
C PD.1791	PL.16700	C	fuse8AMP	7.29Y	121.5	0.00	4.50	13.57	186	93	34	94	0.00	0.0	3.379	0.000	0	0	0	26 C		
PL.16701	PD.1791	C	4ACSR	7.29Y	121.5	0.04	4.54	13.57	11	93	34	94	0.03	0.0	3.449	0.070	0	0	0	26		
PL.10646	PL.16701	C	4ACSR	7.29Y	121.4	0.01	4.55	7.64	6	52	20	93	0.00	0.0	3.471	0.022	0	0	0	15		
PL.1475	PL.10646	C	4ACSR	7.29Y	121.4	0.00	4.56	5.83	5	40	15	94	0.00	0.0	3.489	0.017	0	0	0	9		
016342	PL.1475	C	Consumer	7.29Y	121.4	0.00	4.56	0.70	0	5	2	93	0.00	0.0	3.489	0.000	5	2	1	1		
016330	PL.1475	C	Consumer	7.29Y	121.4	0.00	4.56	0.65	0	4	2	89	0.00	0.0	3.489	0.000	4	2	1	1		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.5751	PL.1475	C	4ACSR	7.29Y	121.4	0.00	4.56	3.21	3	22	9	93	0.00	0.0	3.505	0.017	0	0	0	5
016366	PL.5751	C	Consumer	7.29Y	121.4	0.00	4.56	0.02	0	0	0	100	0.00	0.0	3.505	0.000	0	0	1	1
016376	PL.5751	C	Consumer	7.29Y	121.4	0.00	4.56	0.35	0	2	1	89	0.00	0.0	3.505	0.000	2	1	1	1
PL.5752	PL.5751	C	4ACSR	7.29Y	121.4	0.00	4.56	2.84	2	19	8	92	0.00	0.0	3.536	0.030	0	0	0	3
016350	PL.5752	C	Consumer	7.29Y	121.4	0.00	4.56	0.13	0	1	0	100	0.00	0.0	3.536	0.000	1	0	1	1
016340	PL.5752	C	Consumer	7.29Y	121.4	0.00	4.56	1.96	0	13	6	91	0.00	0.0	3.536	0.000	13	6	1	1
016334	PL.5752	C	Consumer	7.29Y	121.4	0.00	4.56	0.76	0	5	2	93	0.00	0.0	3.536	0.000	5	2	1	1
PL.1479	PL.1475	C	4ACSR	7.29Y	121.4	0.00	4.56	1.27	1	9	3	95	0.00	0.0	3.531	0.042	0	0	0	2
016327	PL.1479	C	Consumer	7.29Y	121.4	0.00	4.56	1.17	0	8	3	94	0.00	0.0	3.531	0.000	8	3	1	1
016374	PL.1479	C	Consumer	7.29Y	121.4	0.00	4.56	0.11	0	1	0	100	0.00	0.0	3.531	0.000	1	0	1	1
PL.9941	PL.10646	C	4ACSR	7.29Y	121.4	0.00	4.56	1.81	2	12	4	95	0.00	0.0	3.527	0.056	0	0	0	6
PL.5746	PL.9941	C	4ACSR	7.29Y	121.4	0.00	4.56	0.05	0	0	0	100	0.00	0.0	3.553	0.026	0	0	0	2
016257	PL.5746	C	Consumer	7.29Y	121.4	0.00	4.56	0.05	0	0	0	100	0.00	0.0	3.553	0.000	0	0	1	1
PL.5747	PL.5746	C	4ACSR	7.29Y	121.4	0.00	4.56	0.00	0	0	0	100	0.00	0.0	3.593	0.040	0	0	0	1
PL.8392	PL.5747	C	4ACSR	7.29Y	121.4	0.00	4.56	0.00	0	0	0	100	0.00	0.0	3.655	0.062	0	0	0	1
PL.8393	PL.8392	C	4ACSR	7.29Y	121.4	0.00	4.56	0.00	0	0	0	100	0.00	0.0	3.688	0.034	0	0	0	1
016247	PL.8393	C	Consumer	7.29Y	121.4	0.00	4.56	0.00	0	0	0	100	0.00	0.0	3.688	0.000	0	0	1	1
016233	PL.5747	C	Consumer	7.29Y	121.4	0.00	4.56	0.00	0	0	0	100	0.00	0.0	3.593	0.000	0	0	0	0
016331	PL.9941	C	Consumer	7.29Y	121.4	0.00	4.56	0.63	0	4	2	89	0.00	0.0	3.527	0.000	4	2	1	1
016324	PL.9941	C	Consumer	7.29Y	121.4	0.00	4.56	0.59	0	4	1	97	0.00	0.0	3.527	0.000	4	1	1	1
016358	PL.9941	C	Consumer	7.29Y	121.4	0.00	4.56	0.00	0	0	0	100	0.00	0.0	3.527	0.000	0	0	0	0
016371	PL.9941	C	Consumer	7.29Y	121.4	0.00	4.56	0.50	0	3	1	95	0.00	0.0	3.527	0.000	3	1	1	1
016382	PL.9941	C	Consumer	7.29Y	121.4	0.00	4.56	0.04	0	0	0	100	0.00	0.0	3.527	0.000	0	0	1	1
016362	PL.9941	C	Consumer	7.29Y	121.4	0.00	4.56	0.00	0	0	0	100	0.00	0.0	3.527	0.000	0	0	0	0
016372	PL.16701	C	Consumer	7.29Y	121.5	0.00	4.54	0.04	0	0	0	100	0.00	0.0	3.449	0.000	0	0	1	1
016329	PL.16701	C	Consumer	7.29Y	121.5	0.00	4.54	0.71	0	5	2	93	0.00	0.0	3.449	0.000	5	2	1	1
PL.1476	PL.16701	C	4ACSR	7.29Y	121.5	0.01	4.55	5.19	4	36	12	95	0.00	0.0	3.476	0.027	0	0	0	9
PL.5744	PL.1476	C	4ACSR	7.29Y	121.4	0.00	4.55	3.89	3	27	9	95	0.00	0.0	3.493	0.017	0	0	0	6
PL.5745	PL.5744	C	4ACSR	7.29Y	121.4	0.00	4.55	1.73	1	12	4	95	0.00	0.0	3.513	0.020	0	0	0	2
016341	PL.5745	C	Consumer	7.29Y	121.4	0.00	4.55	1.28	0	9	3	95	0.00	0.0	3.513	0.000	9	3	1	1
016339	PL.5745	C	Consumer	7.29Y	121.4	0.00	4.55	0.46	0	3	1	95	0.00	0.0	3.513	0.000	3	1	1	1
016338	PL.5745	C	Consumer	7.29Y	121.4	0.00	4.55	0.00	0	0	0	100	0.00	0.0	3.513	0.000	0	0	0	0
016335	PL.5744	C	Consumer	7.29Y	121.4	0.00	4.55	0.23	0	2	1	89	0.00	0.0	3.493	0.000	2	1	1	1
016306	PL.5744	C	Consumer	7.29Y	121.4	0.00	4.55	0.52	0	4	1	97	0.00	0.0	3.493	0.000	4	1	1	1
016332	PL.5744	C	Consumer	7.29Y	121.4	0.00	4.55	0.70	0	5	2	93	0.00	0.0	3.493	0.000	5	2	1	1
016336	PL.5744	C	Consumer	7.29Y	121.4	0.00	4.55	0.71	0	5	2	93	0.00	0.0	3.493	0.000	5	2	1	1
016333	PL.1476	C	Consumer	7.29Y	121.5	0.00	4.55	0.88	0	6	2	95	0.00	0.0	3.476	0.000	6	2	1	1
016354	PL.1476	C	Consumer	7.29Y	121.5	0.00	4.55	0.00	0	0	0	100	0.00	0.0	3.476	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 like 016305, PL.9942, PL.11566, 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 016253, PL.11570, PL.11571, PL.18670, PD.3360, PL.18671, PL.37671, PL.37672, 0162066, PL.37670, PL.30991, PL.30992, 016262, 016203, PL.24721, PL.24722, 016263, PL.1520, 016205, 016204, PL.11572, 016254, 016251, PL.11573, PL.5753, 016202.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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
016201	PL.5753	A	Consumer	7.34Y	122.3	0.00	3.75	0.00	0	0	0	100	0.00	0.0	4.148	0.000	0	0	0	0
016260	PL.11573	A	Consumer	7.34Y	122.3	0.00	3.74	0.67	0	5	2	93	0.00	0.0	4.081	0.000	5	2	1	1
016255	PL.11569	B	Consumer	7.45Y	124.2	0.00	1.75	0.89	0	6	2	95	0.00	0.0	3.958	0.000	6	2	1	1
016207	PL.11569	A	Consumer	7.34Y	122.3	0.00	3.71	0.70	0	5	2	93	0.00	0.0	3.958	0.000	5	2	1	1
016249	PL.11569	B	Consumer	7.45Y	124.2	0.00	1.75	0.81	0	6	2	95	0.00	0.0	3.958	0.000	6	2	1	1
PL.16702	PL.11566	C	4ACSR	7.28Y	121.3	0.00	4.65	3.88	3	26	10	93	0.00	0.0	3.766	0.009	0	0	0	6
PD.1790	PL.16702	C	fuse6AMP	7.28Y	121.3	0.00	4.65	3.88	66	26	10	93	0.00	0.0	3.766	0.000	0	0	0	6
PL.16703	PD.1790	C	4ACSR	7.28Y	121.3	0.01	4.66	3.88	3	26	10	93	0.00	0.0	3.828	0.062	0	0	0	6
PL.11567	PL.16703	C	4ACSR	7.28Y	121.3	0.01	4.67	2.80	2	19	8	92	0.00	0.0	3.875	0.047	0	0	0	4
016231	PL.11567	C	Consumer	7.28Y	121.3	0.00	4.67	0.08	0	1	0	100	0.00	0.0	3.875	0.000	1	0	1	1
016240	PL.11567	C	Consumer	7.28Y	121.3	0.00	4.67	0.82	0	6	2	95	0.00	0.0	3.875	0.000	6	2	1	1
016242	PL.11567	C	Consumer	7.28Y	121.3	0.00	4.67	0.00	0	0	0	100	0.00	0.0	3.875	0.000	0	0	0	0
016211	PL.11567	C	Consumer	7.28Y	121.3	0.00	4.67	1.34	0	9	4	91	0.00	0.0	3.875	0.000	9	4	1	1
016237	PL.11567	C	Consumer	7.28Y	121.3	0.00	4.67	0.00	0	0	0	100	0.00	0.0	3.875	0.000	0	0	0	0
016239	PL.11567	C	Consumer	7.28Y	121.3	0.00	4.67	0.56	0	4	1	97	0.00	0.0	3.875	0.000	4	1	1	1
PL.1483	PL.16703	C	4ACSR	7.28Y	121.3	0.00	4.67	1.08	1	7	3	92	0.00	0.0	3.885	0.057	0	0	0	2
016232	PL.1483	C	Consumer	7.28Y	121.3	0.00	4.67	0.09	0	1	0	100	0.00	0.0	3.885	0.000	1	0	1	1
016241	PL.1483	C	Consumer	7.28Y	121.3	0.00	4.67	1.00	0	7	2	96	0.00	0.0	3.885	0.000	7	2	1	1
PL.20713	PL.9942	C	4ACSR	7.28Y	121.4	0.00	4.61	7.40	6	51	18	94	0.00	0.0	3.622	0.013	0	0	0	10
C PD.3473	PL.20713	C	fuse6AMP	7.28Y	121.4	0.00	4.61	7.40	126	51	18	94	0.00	0.0	3.622	0.000	0	0	0	10 C
PL.20714	PD.3473	C	4ACSR	7.28Y	121.4	0.02	4.62	7.40	6	51	18	94	0.01	0.0	3.676	0.054	0	0	0	10
PL.5748	PL.20714	C	4ACSR	7.28Y	121.4	0.01	4.63	3.59	3	25	9	94	0.00	0.0	3.708	0.032	0	0	0	5
0162065	PL.5748	C	Consumer	7.28Y	121.4	0.00	4.63	0.34	0	2	1	89	0.00	0.0	3.708	0.000	2	1	1	1
016261	PL.5748	C	Consumer	7.28Y	121.4	0.00	4.63	0.60	0	4	1	97	0.00	0.0	3.708	0.000	4	1	1	1
PL.5749	PL.5748	C	4ACSR	7.28Y	121.4	0.00	4.63	2.65	2	18	6	95	0.00	0.0	3.741	0.033	0	0	0	3
016235	PL.5749	C	Consumer	7.28Y	121.4	0.00	4.63	0.53	0	4	1	97	0.00	0.0	3.741	0.000	4	1	1	1
016236	PL.5749	C	Consumer	7.28Y	121.4	0.00	4.63	1.47	0	10	4	93	0.00	0.0	3.741	0.000	10	4	1	1
016245	PL.5749	C	Consumer	7.28Y	121.4	0.00	4.63	0.64	0	4	2	89	0.00	0.0	3.741	0.000	4	2	1	1
PL.1482	PL.5749	C	4ACSR	7.28Y	121.4	0.00	4.63	0.00	0	0	0	100	0.00	0.0	3.789	0.048	0	0	0	0
016246	PL.20714	C	Consumer	7.28Y	121.4	0.00	4.62	1.15	0	8	3	94	0.00	0.0	3.676	0.000	8	3	1	1
016359	PL.20714	C	Consumer	7.28Y	121.4	0.00	4.62	0.49	0	3	1	95	0.00	0.0	3.676	0.000	3	1	1	1
PL.1478	PL.20714	C	4ACSR	7.28Y	121.4	0.00	4.63	2.17	2	15	5	95	0.00	0.0	3.724	0.049	0	0	0	3
016226	PL.1478	C	Consumer	7.28Y	121.4	0.00	4.63	1.79	0	12	4	95	0.00	0.0	3.724	0.000	12	4	1	1
016317	PL.1478	C	Consumer	7.28Y	121.4	0.00	4.63	0.38	0	3	1	95	0.00	0.0	3.724	0.000	3	1	1	1
016357	PL.1478	C	Consumer	7.28Y	121.4	0.00	4.63	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	7.30Y	121.6	0.00	4.39	-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	7.30Y	121.6	0.00	4.39	-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	7.30Y	121.6	-0.00	4.39	-0.02	0	0	0	100	0.00	0.0	3.254	0.031	0	0	0	0 P

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.10645, PL.45906, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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							
0173084	PL.11563	B	Consumer	7.48Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	2.278	0.000	0	0	0	0
017351	PL.11563	C	Consumer	7.35Y	122.5	0.00	3.55	0.24	0	2	1	89	0.00	0.0	2.278	0.000	2	1	1	1
0173088	PL.11563	B	Consumer	7.48Y	124.7	0.00	1.30	0.37	0	3	1	95	0.00	0.0	2.278	0.000	3	1	1	1
0173086	PL.11563	B	Consumer	7.48Y	124.7	0.00	1.30	0.96	0	7	2	96	0.00	0.0	2.278	0.000	7	2	1	1
PL.16073	PL.5875	A	4ACSR	7.39Y	123.1	0.00	2.88	0.93	1	6	2	95	0.00	0.0	2.055	0.006	0	0	0	1
PD.1901	PL.16073	A	fuse6AMP	7.39Y	123.1	0.00	2.88	0.93	16	6	2	95	0.00	0.0	2.055	0.000	0	0	0	1
PL.16074	PD.1901	A	4ACSR	7.39Y	123.1	0.00	2.88	0.93	1	6	2	95	0.00	0.0	2.113	0.058	0	0	0	1
017353	PL.16074	A	Consumer	7.39Y	123.1	0.00	2.88	0.93	0	6	2	95	0.00	0.0	2.113	0.000	6	2	1	1
PL.39874	PL.39875	A	2ACSR	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	2.077	0.092	0	0	0	0
		B		7.49Y	124.8	0.00	1.19	0.10	0	1	0	91					0	0	0	2
		C		7.37Y	122.8	-0.00	3.22	0.00	0	0	0	100					0	0	0	0
0183123	PL.39874	B	Consumer	7.49Y	124.8	0.00	1.19	0.07	0	0	0	100	0.00	0.0	2.077	0.000	0	0	1	1
018320	PL.39874	B	Consumer	7.49Y	124.8	0.00	1.19	0.02	0	0	0	100	0.00	0.0	2.077	0.000	0	0	1	1
018303	PL.5878	B	Consumer	7.49Y	124.8	0.00	1.17	0.19	0	1	0	100	0.00	0.0	1.948	0.000	1	0	1	1
018315	PL.5878	B	Consumer	7.49Y	124.8	0.00	1.17	0.91	0	6	2	95	0.00	0.0	1.948	0.000	6	2	1	1
018306	PL.5878	B	Consumer	7.49Y	124.8	0.00	1.17	0.54	0	4	1	97	0.00	0.0	1.948	0.000	4	1	1	1
018325	PL.5878	B	Consumer	7.49Y	124.8	0.00	1.17	0.00	0	0	0	100	0.00	0.0	1.948	0.000	0	0	0	0
018399	PL.5834	A	Consumer	7.40Y	123.3	0.00	2.74	1.19	0	8	3	94	0.00	0.0	1.839	0.000	8	3	1	1
018361	PL.5834	A	Consumer	7.40Y	123.3	0.00	2.74	1.14	0	8	3	94	0.00	0.0	1.839	0.000	8	3	1	1
018360	PL.5834	A	Consumer	7.40Y	123.3	0.00	2.74	1.34	0	9	3	95	0.00	0.0	1.839	0.000	9	3	1	1
018316	PL.5834	B	Consumer	7.49Y	124.9	0.00	1.13	0.52	0	4	1	97	0.00	0.0	1.839	0.000	4	1	1	1
PL.16916	PL.5834	A	4ACSR	7.40Y	123.3	0.00	2.74	1.17	1	8	3	94	0.00	0.0	1.847	0.008	0	0	0	4
PD.1799	PL.16916	A	fuse6AMP	7.40Y	123.3	0.00	2.74	1.17	20	8	3	94	0.00	0.0	1.847	0.000	0	0	0	4
PL.16072	PD.1799	A	4ACSR	7.40Y	123.3	0.01	2.74	1.17	1	8	3	94	0.00	0.0	1.944	0.097	0	0	0	4
018324	PL.16072	A	Consumer	7.40Y	123.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	1.944	0.000	0	0	0	0
0183107	PL.16072	A	Consumer	7.40Y	123.3	0.00	2.74	0.70	0	5	2	93	0.00	0.0	1.944	0.000	5	2	1	1
018348	PL.16072	A	Consumer	7.40Y	123.3	0.00	2.74	0.31	0	2	1	89	0.00	0.0	1.944	0.000	2	1	1	1
0183108	PL.16072	A	Consumer	7.40Y	123.3	0.00	2.74	0.14	0	1	0	100	0.00	0.0	1.944	0.000	1	0	1	1
018376	PL.16072	A	Consumer	7.40Y	123.3	0.00	2.74	0.01	0	0	0	100	0.00	0.0	1.944	0.000	0	0	1	1
PL.16912	PL.11561	A	4ACSR	7.40Y	123.3	0.00	2.68	3.09	3	22	8	94	0.00	0.0	1.762	0.004	0	0	0	4
PD.1900	PL.16912	A	fuse6AMP	7.40Y	123.3	0.00	2.68	3.09	53	22	8	94	0.00	0.0	1.762	0.000	0	0	0	4
PL.16913	PD.1900	A	4ACSR	7.40Y	123.3	0.01	2.69	3.09	3	22	8	94	0.00	0.0	1.821	0.059	0	0	0	4
018379	PL.16913	A	Consumer	7.40Y	123.3	0.00	2.69	0.83	0	6	2	95	0.00	0.0	1.821	0.000	6	2	1	1
018395	PL.16913	A	Consumer	7.40Y	123.3	0.00	2.69	0.59	0	4	1	97	0.00	0.0	1.821	0.000	4	1	1	1
018386	PL.16913	A	Consumer	7.40Y	123.3	0.00	2.69	0.51	0	4	1	97	0.00	0.0	1.821	0.000	4	1	1	1
018357	PL.16913	A	Consumer	7.40Y	123.3	0.00	2.69	1.15	0	8	3	94	0.00	0.0	1.821	0.000	8	3	1	1
PL.45441	PL.17834	C	2ACSR	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	1.714	0.062	0	0	0	0
0183120	PL.45441	C	Consumer	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	1.714	0.000	0	0	0	0
PL.45442	PL.45441	C	2ACSR	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	1.769	0.055	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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							
0183137	PL.45442	C	Consumer	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	1.769	0.000	0	0	0	0
0183136	PL.44251	B	Consumer	7.50Y	125.0	0.00	1.02	0.61	0	4	2	89	0.00	0.0	1.578	0.000	4	2	1	1
018314	PL.6090	B	Consumer	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.514	0.000	0	0	0	0
018323	PL.6090	B	Consumer	7.50Y	125.0	0.00	0.99	1.28	0	9	3	95	0.00	0.0	1.514	0.000	9	3	1	1
0183111	PL.6090	B	Consumer	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.514	0.000	0	0	0	0
0183131	PL.19513	B	Consumer	7.50Y	125.1	0.00	0.93	0.69	0	5	2	93	0.00	0.0	1.412	0.000	5	2	1	1
0184113	PL.19513	B	Consumer	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	1.412	0.000	0	0	0	0
018311	PL.19513	B	Consumer	7.50Y	125.1	0.00	0.93	0.09	0	1	0	100	0.00	0.0	1.412	0.000	1	0	1	1
0183128	PL.19513	B	Consumer	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	1.412	0.000	0	0	1	1
018471	PL.19513	B	Consumer	7.50Y	125.1	0.00	0.93	0.06	0	0	0	100	0.00	0.0	1.412	0.000	0	0	1	1
018478	PL.11560	C	Consumer	7.41Y	123.5	0.00	2.48	0.11	0	1	0	100	0.00	0.0	1.309	0.000	1	0	1	1
018490	PL.11560	A	Consumer	7.42Y	123.7	0.00	2.31	0.85	0	6	2	95	0.00	0.0	1.309	0.000	6	2	1	1
018492	PL.11560	A	Consumer	7.42Y	123.7	0.00	2.31	1.10	0	8	3	94	0.00	0.0	1.309	0.000	8	3	1	1
018433	PL.11558	A	Consumer	7.43Y	123.8	0.00	2.22	0.12	0	1	0	100	0.00	0.0	1.203	0.000	1	0	1	1
018467	PL.11558	B	Consumer	7.51Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	1.203	0.000	0	0	0	0
0184106	PL.11558	A	Consumer	7.43Y	123.8	0.00	2.22	0.94	0	7	2	96	0.00	0.0	1.203	0.000	7	2	1	1
018434	PL.11558	A	Consumer	7.43Y	123.8	0.00	2.22	0.78	0	5	2	93	0.00	0.0	1.203	0.000	5	2	1	1
018465	PL.11558	B	Consumer	7.51Y	125.2	0.00	0.81	0.81	0	6	2	95	0.00	0.0	1.203	0.000	6	2	1	1
018428	PL.11558	B	Consumer	7.51Y	125.2	0.00	0.81	0.85	0	6	2	95	0.00	0.0	1.203	0.000	6	2	1	1
018485	PL.11558	B	Consumer	7.51Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	1.203	0.000	0	0	0	0
018423	PL.11558	B	Consumer	7.51Y	125.2	0.00	0.81	0.23	0	2	1	89	0.00	0.0	1.203	0.000	2	1	1	1
018424	PL.11558	A	Consumer	7.43Y	123.8	0.00	2.22	0.87	0	6	2	95	0.00	0.0	1.203	0.000	6	2	1	1
018413	PL.11558	A	Consumer	7.43Y	123.8	0.00	2.22	0.56	0	4	1	97	0.00	0.0	1.203	0.000	4	1	1	1
PL.17138	PL.11556	A	4ACSR	7.43Y	123.9	0.00	2.15	1.89	2	13	5	93	0.00	0.0	1.134	0.004	0	0	0	4
PD.1932	PL.17138	A	fuse6AMP	7.43Y	123.9	0.00	2.15	1.89	32	13	5	93	0.00	0.0	1.134	0.000	0	0	0	4
PL.17139	PD.1932	A	4ACSR	7.43Y	123.8	0.00	2.15	1.89	2	13	5	93	0.00	0.0	1.187	0.053	0	0	0	4
018418	PL.17139	A	Consumer	7.43Y	123.8	0.00	2.15	0.62	0	4	2	89	0.00	0.0	1.187	0.000	4	2	1	1
018421	PL.17139	A	Consumer	7.43Y	123.8	0.00	2.15	0.19	0	1	0	100	0.00	0.0	1.187	0.000	1	0	1	1
018449	PL.17139	A	Consumer	7.43Y	123.8	0.00	2.15	0.00	0	0	0	100	0.00	0.0	1.187	0.000	0	0	0	0
018416	PL.17139	A	Consumer	7.43Y	123.8	0.00	2.15	0.58	0	4	1	97	0.00	0.0	1.187	0.000	4	1	1	1
018414	PL.17139	A	Consumer	7.43Y	123.8	0.00	2.15	0.50	0	4	1	97	0.00	0.0	1.187	0.000	4	1	1	1
018484	PL.11555	C	Consumer	7.45Y	124.1	0.00	1.88	0.62	0	4	2	89	0.00	0.0	0.847	0.000	4	2	1	1
PL.27625	PL.11554	A	4/0ACSR	7.46Y	124.3	-0.00	1.71	0.00	0	0	0	100	0.00	0.0	0.815	0.005	0	0	0	0
		B		7.53Y	125.4	0.00	0.57	0.00	0	0	0	100					0	0	0	0
		C		7.45Y	124.2	0.00	1.81	7.07	2	50	17	94					0	0	0	9
PL.19673	PL.27625	A	4/0ACSR	7.46Y	124.3	-0.00	1.71	0.00	0	0	0	100	0.00	0.0	0.880	0.065	0	0	0	0
		B		7.53Y	125.4	0.00	0.57	0.00	0	0	0	100					0	0	0	0
		C		7.45Y	124.2	0.01	1.82	7.07	2	50	17	94					0	0	0	9
PL.19674	PL.19673	A	4/0ACSR	7.46Y	124.3	-0.00	1.71	0.00	0	0	0	100	0.00	0.0	0.920	0.041	0	0	0	0
		B		7.53Y	125.4	0.00	0.57	0.00	0	0	0	100					0	0	0	0
		C		7.45Y	124.2	0.00	1.82	5.34	2	38	13	94					0	0	0	7

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.23761	PL.19674	A	4/0ACSR	7.46Y	124.3	-0.00	1.70	0.00	0	0	0	100	0.00	0.0	0.970	0.050	0	0	0	0
		B		7.53Y	125.4	0.00	0.57	0.00	0	0	0	100					0	0	0	0
		C		7.45Y	124.2	0.00	1.82	2.36	1	17	6	94					0	0	0	3
0194100	PL.23761	C	Consumer	7.45Y	124.2	0.00	1.82	0.71	0	5	2	93	0.00	0.0	0.970	0.000	5	2	1	1
0194121	PL.23761	A	Consumer	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	0.970	0.000	0	0	0	0
019436	PL.23761	C	Consumer	7.45Y	124.2	0.00	1.82	0.15	0	1	0	100	0.00	0.0	0.970	0.000	1	0	1	1
019468	PL.23761	C	Consumer	7.45Y	124.2	0.00	1.82	1.50	0	11	4	94	0.00	0.0	0.970	0.000	11	4	1	1
019452	PL.23761	A	Consumer	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	0.970	0.000	0	0	0	0
PL.6125	PL.19674	A	4/0ACSR	7.46Y	124.3	-0.00	1.70	0.00	0	0	0	100	0.00	0.0	0.958	0.038	0	0	0	0
		B		7.53Y	125.4	0.00	0.57	0.00	0	0	0	100					0	0	0	0
		C		7.45Y	124.2	0.00	1.82	2.98	1	21	7	94					0	0	0	4
018442	PL.6125	A	Consumer	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	0.958	0.000	0	0	0	0
018441	PL.6125	C	Consumer	7.45Y	124.2	0.00	1.82	0.94	0	7	2	96	0.00	0.0	0.958	0.000	7	2	1	1
018497	PL.6125	C	Consumer	7.45Y	124.2	0.00	1.82	0.57	0	4	1	97	0.00	0.0	0.958	0.000	4	1	1	1
PL.6126	PL.6125	A	4/0ACSR	7.46Y	124.3	-0.00	1.70	0.00	0	0	0	100	0.00	0.0	1.013	0.054	0	0	0	0
		B		7.53Y	125.4	0.00	0.57	0.00	0	0	0	100					0	0	0	0
		C		7.45Y	124.2	0.00	1.82	1.47	1	10	4	94					0	0	0	2
PL.23762	PL.6126	A	4/0ACSR	7.46Y	124.3	-0.00	1.70	0.00	0	0	0	100	0.00	0.0	1.041	0.028	0	0	0	0
		B		7.53Y	125.4	0.00	0.57	0.00	0	0	0	100					0	0	0	0
		C		7.45Y	124.2	0.00	1.82	1.47	1	10	4	94					0	0	0	2
0184102	PL.23762	C	Consumer	7.45Y	124.2	0.00	1.82	0.99	0	7	2	96	0.00	0.0	1.041	0.000	7	2	1	1
0184100	PL.23762	C	Consumer	7.45Y	124.2	0.00	1.82	0.47	0	3	1	95	0.00	0.0	1.041	0.000	3	1	1	1
018401	PL.19673	C	Consumer	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	0.880	0.000	0	0	0	0
0184107	PL.19673	C	Consumer	7.45Y	124.2	0.00	1.82	1.30	0	9	3	95	0.00	0.0	0.880	0.000	9	3	1	1
018409	PL.19673	C	Consumer	7.45Y	124.2	0.00	1.82	0.43	0	3	1	95	0.00	0.0	0.880	0.000	3	1	1	1
0194113	PL.32841	A	Consumer	7.52Y	125.3	0.00	0.72	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	194		0.00	11982
KVAR	4440	0	-1280	-15	0	0	347			3493

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 121.05 volts on PL.17454	4.95 volts on PL.17454	0.83 volts on PL.10954
B-Phase -> 122.56 volts on PL.3453	3.44 volts on PL.3453	0.49 volts on PL.10954
C-Phase -> 120.71 volts on PL.4601	5.29 volts on PL.4601	0.76 volts on PL.12377

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

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

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

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

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\EXISTING JUL05 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									
C PL.19912	PL.19861	A	1/0CU	7.50Y	125.1	0.07	0.94	112.70	43	805	259	95	1.06	0.0	0.922	0.046	0	0	0	170		
		B		7.46Y	124.4	0.08	1.63	132.63	50	932	334	94					0	0	0	159		
		C		7.51Y	125.2	0.05	0.85	102.01	39	728	240	95					0	0	0	126		
PL.7383	PL.19912	A	1/0CU	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	0.931	0.009	0	0	0	0		
		B		7.46Y	124.4	0.00	1.63	0.00	0	0	0	100					0	0	0	0		
		C		7.51Y	125.2	0.00	0.85	0.00	0	0	0	100					0	0	0	0		
C PL.27829	PL.19912	A	1/0CU	7.50Y	125.0	0.09	1.03	111.33	42	795	255	95	1.31	0.1	0.980	0.058	0	0	0	168		
		B		7.46Y	124.3	0.11	1.74	132.63	50	932	334	94					0	0	0	159		
		C		7.51Y	125.1	0.06	0.91	101.56	38	724	239	95					0	0	0	124		
PL.38067	PL.27829	A	2ACSR	7.50Y	125.0	0.00	1.03	0.25	0	2	1	89	0.00	0.0	1.002	0.023	0	0	0	1		
5408018	PL.38067	A	Consumer	7.50Y	125.0	0.00	1.03	0.25	0	2	1	89	0.00	0.0	1.002	0.000	2	1	1	1		
540817	PL.27829	C	Consumer	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	0.980	0.000	0	0	0	0		
540809	PL.27829	C	Consumer	7.51Y	125.1	0.00	0.91	0.48	0	3	1	95	0.00	0.0	0.980	0.000	3	1	1	1		
C PL.27830	PL.27829	A	1/0CU	7.50Y	124.9	0.05	1.08	111.08	42	793	254	95	0.76	0.0	1.014	0.034	0	0	0	167		
		B		7.45Y	124.2	0.06	1.80	132.63	50	931	333	94					0	0	0	159		
		C		7.50Y	125.1	0.04	0.94	101.08	38	721	237	95					0	0	0	123		
PL.26215	PL.27830	A	1/0CU	7.49Y	124.9	0.06	1.14	110.05	42	786	251	95	0.89	0.0	1.053	0.040	0	0	0	164		
		B		7.45Y	124.1	0.07	1.87	131.30	50	922	329	94					0	0	0	157		
		C		7.50Y	125.0	0.04	0.99	101.08	38	721	237	95					0	0	0	123		
PL.18701	PL.26215	A	1/0CU	7.49Y	124.8	0.06	1.20	109.18	41	779	248	95	0.86	0.0	1.092	0.039	0	0	0	160		
		B		7.44Y	124.1	0.07	1.94	131.30	50	921	328	94					0	0	0	157		
		C		7.50Y	125.0	0.04	1.03	101.08	38	720	236	95					0	0	0	123		
541708	PL.18701	A	Consumer	7.49Y	124.8	0.00	1.20	0.20	0	1	1	71	0.00	0.0	1.092	0.000	1	1	1	1		
PL.18702	PL.18701	A	1/0CU	7.49Y	124.8	0.05	1.25	108.98	41	778	247	95	0.75	0.0	1.126	0.034	0	0	0	159		
		B		7.44Y	124.0	0.06	2.00	131.30	50	921	328	94					0	0	0	157		
		C		7.50Y	124.9	0.04	1.07	101.08	38	720	236	95					0	0	0	123		
PL.11267	PL.18702	A	1/0CU	7.48Y	124.7	0.08	1.32	106.62	40	761	239	95	1.18	0.0	1.180	0.054	0	0	0	155		
		B		7.43Y	123.9	0.10	2.10	131.30	50	920	327	94					0	0	0	157		
		C		7.49Y	124.9	0.06	1.12	101.08	38	720	236	95					0	0	0	123		
PL.3511	PL.11267	A	4ACSR	7.48Y	124.7	0.00	1.33	1.72	1	12	5	92	0.00	0.0	1.217	0.037	0	0	0	4		
PL.3514	PL.3511	A	4ACSR	7.48Y	124.7	0.00	1.33	0.04	0	0	0	100	0.00	0.0	1.268	0.051	0	0	0	1		
PL.3513	PL.3514	A	4ACSR	7.48Y	124.7	0.00	1.33	0.04	0	0	0	100	0.00	0.0	1.315	0.047	0	0	0	1		
PL.3512	PL.3513	A	4ACSR	7.48Y	124.7	0.00	1.33	0.04	0	0	0	100	0.00	0.0	1.369	0.054	0	0	0	1		
540601	PL.3512	A	Consumer	7.48Y	124.7	0.00	1.33	0.04	0	0	0	100	0.00	0.0	1.369	0.000	0	0	1	1		
541702	PL.3511	A	Consumer	7.48Y	124.7	0.00	1.33	0.31	0	2	1	89	0.00	0.0	1.217	0.000	2	1	1	1		
541719	PL.3511	A	Consumer	7.48Y	124.7	0.00	1.33	0.35	0	2	1	89	0.00	0.0	1.217	0.000	2	1	1	1		
541717	PL.3511	A	Consumer	7.48Y	124.7	0.00	1.33	1.03	0	7	3	92	0.00	0.0	1.217	0.000	7	3	1	1		
541716	PL.11267	C	Consumer	7.49Y	124.9	0.00	1.12	1.71	0	12	6	89	0.00	0.0	1.180	0.000	12	6	1	1		
542701	PL.11267	A	Consumer	7.48Y	124.7	0.00	1.32	0.25	0	2	1	89	0.00	0.0	1.180	0.000	2	1	1	1		
		C		7.49Y	124.9	0.00	1.12	0.25	0	2	1	93					2	1	1	1		
542704	PL.11267	A	Consumer	7.48Y	124.7	0.00	1.32	0.13	0	1	0	100	0.00	0.0	1.180	0.000	1	0	1	1		
		C		7.49Y	124.9	0.00	1.12	0.13	0	1	0	93					1	0	1	1		
541703	PL.11267	A	Consumer	7.48Y	124.7	0.00	1.32	0.35	0	2	1	89	0.00	0.0	1.180	0.000	2	1	1	1		
		C		7.49Y	124.9	0.00	1.12	0.35	0	2	1	90					2	1	1	1		
542702	PL.11267	A	Consumer	7.48Y	124.7	0.00	1.32	0.31	0	2	1	89	0.00	0.0	1.180	0.000	2	1	1	1		
		C		7.49Y	124.9	0.00	1.12	0.31	0	2	1	93					2	1	1	1		
PL.11268	PL.11267	A	1/0CU	7.48Y	124.6	0.03	1.36	103.87	39	742	231	95	0.53	0.0	1.205	0.025	0	0	0	149		
		B		7.43Y	123.8	0.05	2.15	131.30	50	920	326	94					0	0	0	157		
		C		7.49Y	124.9	0.03	1.15	98.35	37	701	227	95					0	0	0	120		

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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. Rows include elements like 542601, PL.11269, PL.11270, 542613, 543602, 542614, 543601, 543611, 542609, 542606, 543608, 542610, PL.7379, PL.11271, PL.42932, PD.8186-A, PD.8186-B, PL.42933, C PD.2828, PL.18025, C PL.7378, 544514, C PL.11274, C PL.20124.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.188-A, PD.188-B, C PL.20125, C PL.11276, 545441, 544408, 545443, 545439, 544402, 545438, 545444, 545413, 545440, 545442, 544407, 545436, 545445, 545404, C PL.11277, PL.3526, C PL.11275, 545403, C PL.25739.

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\EXISTING JUL05 CWP.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.42936, PD.8188, PL.42937, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.3527, 545512, 545510, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
545218	PL.3518	C	Consumer	7.42Y	123.7	0.00	2.29	0.23	0	2	1	89	0.00	0.0	2.041	0.000	2	1	1	1
545221	PL.3518	C	Consumer	7.42Y	123.7	0.00	2.29	0.26	0	2	1	89	0.00	0.0	2.041	0.000	2	1	1	1
545204	PL.3518	A	Consumer	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	2.041	0.000	0	0	0	0
545219	PL.3518	C	Consumer	7.42Y	123.7	0.00	2.29	0.12	0	1	0	100	0.00	0.0	2.041	0.000	1	0	1	1
545220	PL.3518	C	Consumer	7.42Y	123.7	0.00	2.29	0.32	0	2	1	89	0.00	0.0	2.041	0.000	2	1	1	1
545222	PL.3518	C	Consumer	7.42Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	2.041	0.000	0	0	0	0
PL.25744	PL.3518	A	4ACSR	7.39Y	123.2	0.02	2.80	9.97	8	66	32	90	0.01	0.0	2.075	0.034	0	0	0	5
		C		7.42Y	123.7	0.00	2.30	1.53	1	11	4	93			0	0	0	0	9	
PL.18028	PL.25744	C	4ACSR	7.42Y	123.7	0.00	2.30	0.25	0	2	1	89	0.00	0.0	2.079	0.004	0	0	0	2
PD.2829	PL.18028	C	fuse6AMP	7.42Y	123.7	0.00	2.30	0.25	4	2	1	89	0.00	0.0	2.079	0.000	0	0	0	2
PL.18029	PD.2829	C	4ACSR	7.42Y	123.7	0.00	2.30	0.25	0	2	1	89	0.00	0.0	2.095	0.016	0	0	0	2
545215	PL.18029	C	Consumer	7.42Y	123.7	0.00	2.30	0.05	0	0	0	100	0.00	0.0	2.095	0.000	0	0	1	1
545213	PL.18029	C	Consumer	7.42Y	123.7	0.00	2.30	0.20	0	1	1	71	0.00	0.0	2.095	0.000	1	1	1	1
PL.3520	PL.18029	C	4ACSR	7.42Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	2.158	0.063	0	0	0	0
5441001	PL.3520	C	Consumer	7.42Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	2.158	0.000	0	0	0	0
545225	PL.25744	C	Consumer	7.42Y	123.7	0.00	2.30	0.28	0	2	1	89	0.00	0.0	2.075	0.000	2	1	1	1
545223	PL.25744	C	Consumer	7.42Y	123.7	0.00	2.30	0.31	0	2	1	89	0.00	0.0	2.075	0.000	2	1	1	1
544204	PL.25744	C	Consumer	7.42Y	123.7	0.00	2.30	0.18	0	1	0	100	0.00	0.0	2.075	0.000	1	0	1	1
PL.25745	PL.25744	A	4ACSR	7.39Y	123.2	0.03	2.83	9.97	8	66	32	90	0.02	0.0	2.142	0.067	0	0	0	5
		C		7.42Y	123.7	0.00	2.30	0.51	0	4	1	93			0	0	0	0	4	
PL.6972	PL.25745	A	4ACSR	7.39Y	123.2	0.01	2.84	3.81	3	25	12	90	0.00	0.0	2.181	0.039	0	0	0	3
		C		7.42Y	123.7	0.00	2.30	0.48	0	3	1	93			0	0	0	0	3	
544303	PL.6972	A	Consumer	7.39Y	123.2	0.00	2.84	0.53	0	4	1	97	0.00	0.0	2.181	0.000	4	1	1	1
544304	PL.6972	A	Consumer	7.39Y	123.2	0.00	2.84	0.77	0	5	2	93	0.00	0.0	2.181	0.000	5	2	1	1
PL.6973	PL.6972	A	4ACSR	7.39Y	123.2	0.01	2.85	2.52	2	17	8	90	0.00	0.0	2.228	0.047	0	0	0	1
		C		7.42Y	123.7	0.00	2.30	0.48	0	3	1	93			0	0	0	0	3	
544305	PL.6973	C	Consumer	7.42Y	123.7	0.00	2.30	0.23	0	2	1	89	0.00	0.0	2.228	0.000	2	1	1	1
544314	PL.6973	C	Consumer	7.42Y	123.7	0.00	2.30	0.09	0	1	0	100	0.00	0.0	2.228	0.000	1	0	1	1
544306	PL.6973	C	Consumer	7.42Y	123.7	0.00	2.30	0.16	0	1	0	100	0.00	0.0	2.228	0.000	1	0	1	1
544313	PL.6973	A	Consumer	7.39Y	123.2	0.00	2.85	2.52	0	17	8	90	0.00	0.0	2.228	0.000	17	8	1	1
544315	PL.6973	A	Consumer	7.39Y	123.2	0.00	2.85	0.00	0	0	0	100	0.00	0.0	2.228	0.000	0	0	0	0
544302	PL.25745	C	Consumer	7.42Y	123.7	0.00	2.30	0.03	0	0	0	100	0.00	0.0	2.142	0.000	0	0	1	1
PL.18614	PL.25745	A	4ACSR	7.39Y	123.2	0.01	2.84	6.16	5	41	20	90	0.00	0.0	2.163	0.020	0	0	0	2
PL.18615	PL.18614	A	4ACSR	7.39Y	123.1	0.01	2.85	5.29	4	35	17	90	0.00	0.0	2.205	0.043	0	0	0	1
545226	PL.18615	A	Consumer	7.39Y	123.1	0.00	2.85	5.29	0	35	17	90	0.00	0.0	2.205	0.000	35	17	1	1
544206	PL.18614	A	Consumer	7.39Y	123.2	0.00	2.84	0.87	0	6	3	89	0.00	0.0	2.163	0.000	6	3	1	1
545216	PL.42941	A	Consumer	7.39Y	123.2	0.00	2.77	0.39	0	3	1	95	0.00	0.0	2.002	0.000	3	1	1	1
545211	PL.42941	A	Consumer	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	2.002	0.000	0	0	1	1
545202	PL.42941	A	Consumer	7.39Y	123.2	0.00	2.77	0.12	0	1	0	100	0.00	0.0	2.002	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
							-Base Voltage:120.0-												KW	KVAR		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	Length (mi)							
C PL.25746	PL.18617	A	2ACSR	7.39Y	123.2	0.07	2.82	65.37	42	472	104	98	1.34	0.1	1.991	0.043	0	0	0	84		
		B		7.30Y	121.6	0.14	4.40	113.75	73	790	257	95					0	0	0	140 C		
		C		7.42Y	123.7	0.07	2.35	73.71	47	528	144	96					0	0	0	65		
PL.42942	PL.25746	B	4ACSR	7.30Y	121.6	0.00	4.40	6.71	6	42	25	86	0.00	0.0	1.997	0.006	0	0	0	2		
		C		7.42Y	123.7	0.00	2.35	6.59	6	42	25	85					0	0	0	2		
C PD.8191	PL.42942	B	fuse8AMP	7.30Y	121.6	0.00	4.40	6.71	92	42	25	86	0.00	0.0	1.997	0.000	0	0	0	2 C		
C		C		7.42Y	123.7	0.00	2.35	6.59	90	42	25	85					0	0	0	2 C		
PL.42943	PD.8191	B	4ACSR	7.30Y	121.6	0.01	4.40	6.71	6	42	25	86	0.00	0.0	2.013	0.016	0	0	0	2		
		C		7.42Y	123.6	0.00	2.35	6.59	6	42	25	85					0	0	0	2		
545217	PL.42943	B	Consumer	7.30Y	121.6	0.00	4.40	0.31	0	2	1	89	0.00	0.0	2.013	0.000	2	1	1	1		
		C		7.42Y	123.6	0.00	2.35	0.30	0	2	1	93					2	1	1	1		
545208	PL.42943	B	Consumer	7.30Y	121.6	0.00	4.40	6.40	0	40	25	85	0.00	0.0	2.013	0.000	40	25	1	1		
		C		7.42Y	123.6	0.00	2.35	6.30	0	40	25	85					40	25	1	1		
545209	PL.42943	B	Consumer	7.30Y	121.6	0.00	4.40	0.00	0	0	0	100	0.00	0.0	2.013	0.000	0	0	1	1		
		C		7.42Y	123.6	0.00	2.35	0.00	0	0	0	90					0	0	1	1		
C PL.25747	PL.25746	A	2ACSR	7.39Y	123.1	0.08	2.90	65.37	42	472	104	98	1.32	0.1	2.038	0.047	0	0	0	84		
		B		7.29Y	121.5	0.14	4.54	107.24	69	747	231	96					0	0	0	139 C		
		C		7.42Y	123.6	0.06	2.41	67.40	43	486	118	97					0	0	0	64		
C PL.25748	PL.25747	A	2ACSR	7.38Y	123.1	0.02	2.92	65.37	42	471	104	98	0.30	0.0	2.049	0.011	0	0	0	84		
		B		7.29Y	121.4	0.03	4.57	104.92	67	731	225	96					0	0	0	135 C		
		C		7.41Y	123.6	0.01	2.42	66.84	43	482	116	97					0	0	0	63		
C PL.22958	PL.25748	A	2ACSR	7.38Y	123.1	0.01	2.93	65.37	42	471	104	98	0.15	0.0	2.054	0.005	0	0	0	84		
		B		7.28Y	121.4	0.02	4.59	104.92	67	731	225	96					0	0	0	135 C		
		C		7.41Y	123.6	0.01	2.43	66.84	43	482	116	97					0	0	0	63		
C PL.42944	PL.22958	A	2ACSR	7.38Y	123.1	0.02	2.95	65.37	42	471	104	98	0.28	0.0	2.065	0.010	0	0	0	84		
		B		7.28Y	121.4	0.03	4.62	104.92	67	731	225	96					0	0	0	135 C		
		C		7.41Y	123.6	0.01	2.45	66.84	43	482	116	97					0	0	0	63		
C PD.8192	PL.42944	A	50L	7.38Y	123.1	0.00	2.95	65.37	131	471	104	98	0.00	0.0	2.065	0.000	0	0	0	84 C		
C		B		7.28Y	121.4	0.00	4.62	104.92	210	730	224	96					0	0	0	135 C		
C		C		7.41Y	123.6	0.00	2.45	66.84	134	482	116	97					0	0	0	63 C		
C PL.42945	PD.8192	A	2ACSR	7.38Y	122.9	0.13	3.08	65.37	42	471	104	98	2.12	0.1	2.142	0.077	0	0	0	84		
		B		7.27Y	121.1	0.23	4.85	104.92	67	730	224	96					0	0	0	135 C		
		C		7.41Y	123.4	0.11	2.55	66.84	43	482	116	97					0	0	0	63		
C PL.25749	PL.42945	A	2ACSR	7.37Y	122.9	0.03	3.11	65.37	42	471	104	98	0.52	0.0	2.161	0.019	0	0	0	84		
		B		7.27Y	121.1	0.06	4.91	104.92	67	729	224	96					0	0	0	135 C		
		C		7.41Y	123.4	0.03	2.58	66.84	43	481	116	97					0	0	0	63		
C PL.26028	PL.25749	A	2ACSR	7.37Y	122.8	0.06	3.17	65.29	42	470	104	98	0.99	0.1	2.198	0.036	0	0	0	83		
		B		7.26Y	121.0	0.11	5.02	104.83	67	728	223	96					0	0	0	134 C		
		C		7.40Y	123.4	0.05	2.63	66.75	43	481	116	97					0	0	0	62		
C PL.21584	PL.26028	A	2ACSR	7.37Y	122.8	0.04	3.22	55.66	36	403	77	98	0.79	0.0	2.228	0.031	0	0	0	60		
		B		7.25Y	120.9	0.09	5.11	104.83	67	728	223	96					0	0	0	134 C		
		C		7.40Y	123.3	0.04	2.67	66.75	43	480	116	97					0	0	0	62		
C PL.21588	PL.21584	A	2ACSR	7.36Y	122.7	0.07	3.28	54.13	35	392	73	98	1.26	0.1	2.278	0.049	0	0	0	52		
		B		7.24Y	120.7	0.15	5.27	104.83	67	727	222	96					0	0	0	134 C		
		C		7.40Y	123.3	0.07	2.73	66.75	43	480	115	97					0	0	0	62		
034394	PL.21588	A	Consumer	7.36Y	122.7	0.00	3.28	0.25	0	2	1	89	0.00	0.0	2.278	0.000	2	1	1	1		
034389	PL.21588	A	Consumer	7.36Y	122.7	0.00	3.28	0.19	0	1	1	71	0.00	0.0	2.278	0.000	1	1	1	1		
034393	PL.21588	A	Consumer	7.36Y	122.7	0.00	3.28	0.16	0	1	0	100	0.00	0.0	2.278	0.000	1	0	1	1		
034390	PL.21588	A	Consumer	7.36Y	122.7	0.00	3.28	0.35	0	2	1	89	0.00	0.0	2.278	0.000	2	1	1	1		
034391	PL.21588	A	Consumer	7.36Y	122.7	0.00	3.28	0.23	0	2	1	89	0.00	0.0	2.278	0.000	2	1	1	1		
034392	PL.21588	A	Consumer	7.36Y	122.7	0.00	3.28	0.25	0	2	1	89	0.00	0.0	2.278	0.000	2	1	1	1		
034396	PL.21588	A	Consumer	7.36Y	122.7	0.00	3.28	0.29	0	2	1	89	0.00	0.0	2.278	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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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
034395	PL.21588	A	Consumer	7.36Y	122.7	0.00	3.28	0.48	0	3	1	95	0.00	0.0	2.278	0.000	3	1	1	1
PL.42950	PL.21588	A	4ACSR	7.36Y	122.7	0.00	3.28	2.22	2	15	6	93	0.00	0.0	2.282	0.005	0	0	0	11
PD.8195	PL.42950	A	fuse6AMP	7.36Y	122.7	0.00	3.28	2.22	38	15	6	93	0.00	0.0	2.282	0.000	0	0	0	11
PL.42951	PD.8195	A	4ACSR	7.36Y	122.7	0.00	3.28	2.22	2	15	6	93	0.00	0.0	2.304	0.022	0	0	0	11
034375	PL.42951	A	Consumer	7.36Y	122.7	0.00	3.28	0.26	0	2	1	89	0.00	0.0	2.304	0.000	2	1	1	1
034376	PL.42951	A	Consumer	7.36Y	122.7	0.00	3.28	0.12	0	1	0	100	0.00	0.0	2.304	0.000	1	0	1	1
034373	PL.42951	A	Consumer	7.36Y	122.7	0.00	3.28	0.35	0	2	1	89	0.00	0.0	2.304	0.000	2	1	1	1
034380	PL.42951	A	Consumer	7.36Y	122.7	0.00	3.28	0.25	0	2	1	89	0.00	0.0	2.304	0.000	2	1	1	1
034372	PL.42951	A	Consumer	7.36Y	122.7	0.00	3.28	0.32	0	2	1	89	0.00	0.0	2.304	0.000	2	1	1	1
034377	PL.42951	A	Consumer	7.36Y	122.7	0.00	3.28	0.12	0	1	0	100	0.00	0.0	2.304	0.000	1	0	1	1
034374	PL.42951	A	Consumer	7.36Y	122.7	0.00	3.28	0.14	0	1	0	100	0.00	0.0	2.304	0.000	1	0	1	1
034378	PL.42951	A	Consumer	7.36Y	122.7	0.00	3.28	0.18	0	1	0	100	0.00	0.0	2.304	0.000	1	0	1	1
034398	PL.42951	A	Consumer	7.36Y	122.7	0.00	3.28	0.07	0	0	0	100	0.00	0.0	2.304	0.000	0	0	1	1
034379	PL.42951	A	Consumer	7.36Y	122.7	0.00	3.28	0.35	0	2	1	89	0.00	0.0	2.304	0.000	2	1	1	1
034397	PL.42951	A	Consumer	7.36Y	122.7	0.00	3.28	0.05	0	0	0	100	0.00	0.0	2.304	0.000	0	0	1	1
PL.26032	PL.21588	A	2ACSR	7.36Y	122.7	0.04	3.32	49.80	32	362	61	99	0.79	0.1	2.309	0.031	0	0	0	33
C	PL.17419	B		7.24Y	120.6	0.10	5.37	104.83	67	726	222	96					0	0	0	134
		C		7.39Y	123.2	0.04	2.77	66.75	43	480	115	97					0	0	0	62
C	PL.17419	A	2ACSR	7.36Y	122.6	0.04	3.36	49.34	32	358	60	99	0.86	0.1	2.343	0.034	0	0	0	30
		B		7.23Y	120.5	0.11	5.47	104.83	67	726	221	96					0	0	0	134
		C		7.39Y	123.2	0.05	2.82	66.75	43	480	115	97					0	0	0	62
034306	PL.17419	A	Consumer	7.36Y	122.6	0.00	3.36	0.27	0	2	1	89	0.00	0.0	2.343	0.000	2	1	1	1
		C		7.39Y	123.2	0.00	2.82	0.27	0	2	1	93					2	1	1	1
034351	PL.17419	A	Consumer	7.36Y	122.6	0.00	3.36	0.26	0	2	1	89	0.00	0.0	2.343	0.000	2	1	1	1
		C		7.39Y	123.2	0.00	2.82	0.26	0	2	1	90					2	1	1	1
034309	PL.17419	A	Consumer	7.36Y	122.6	0.00	3.36	0.07	0	0	0	100	0.00	0.0	2.343	0.000	0	0	1	1
		C		7.39Y	123.2	0.00	2.82	0.07	0	0	0	93					0	0	1	1
034305	PL.17419	A	Consumer	7.36Y	122.6	0.00	3.36	0.21	0	1	1	71	0.00	0.0	2.343	0.000	1	1	1	1
		C		7.39Y	123.2	0.00	2.82	0.21	0	1	1	93					1	1	1	1
C	PL.17420	A	2ACSR	7.35Y	122.6	0.08	3.44	48.55	31	353	57	99	1.67	0.1	2.411	0.067	0	0	0	28
		B		7.22Y	120.3	0.21	5.69	104.83	67	725	221	96					0	0	0	134
		C		7.39Y	123.1	0.09	2.91	65.96	42	474	113	97					0	0	0	60
C	PL.6297	A	2ACSR	7.35Y	122.5	0.08	3.52	48.55	31	352	57	99	1.69	0.1	2.481	0.070	0	0	0	28
		B		7.21Y	120.1	0.22	5.90	102.54	66	709	214	96					0	0	0	130
		C		7.38Y	123.0	0.09	3.00	65.96	42	474	112	97					0	0	0	60
034334	PL.6297	B	Consumer	7.21Y	120.1	0.00	5.90	0.71	0	5	2	93	0.00	0.0	2.481	0.000	5	2	1	1
0343106	PL.6297	B	Consumer	7.21Y	120.1	0.00	5.90	1.35	0	9	4	91	0.00	0.0	2.481	0.000	9	4	1	1
C	PL.27920	A	2ACSR	7.35Y	122.4	0.05	3.57	48.55	31	352	57	99	1.10	0.1	2.528	0.047	0	0	0	28
		B		7.20Y	120.0	0.14	6.04	100.50	64	694	207	96					0	0	0	128
		C		7.38Y	122.9	0.06	3.06	65.96	42	474	112	97					0	0	0	60
C	RG.12	A	1ph-100A-7	7.56Y	126.0	-3.57	-0.00	48.55	49	352	57	99	percent Boost= 2.92 Tap= 4.7							28
		B		7.56Y	126.0	-6.04	0.00	100.50	101	693	207	96	percent Boost= 5.04 Tap= 8.1							C
		C		7.56Y	126.0	-3.06	0.00	65.96	66	474	112	97	percent Boost= 2.49 Tap= 4.0							
C	PL.28681	A	2ACSR	7.56Y	126.0	0.03	0.03	47.18	30	352	57	99	0.68	0.0	2.559	0.031	0	0	0	28
		B		7.55Y	125.9	0.09	0.09	95.68	61	693	207	96					0	0	0	128
		C		7.56Y	126.0	0.04	0.04	64.36	41	474	112	97					0	0	0	60

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.28682, 034368, 034303, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.2736-A, PL.21490, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.23845	PL.42212	A	4ACSR	7.53Y	125.6	0.00	0.43	0.55	0	4	2	89	0.00	0.0	3.302	0.036	0	0	0	1
0332111	PL.23845	A	Consumer	7.53Y	125.6	0.00	0.43	0.55	0	4	2	89	0.00	0.0	3.302	0.000	4	2	1	1
033261	PL.42212	A	Consumer	7.53Y	125.6	0.00	0.43	0.18	0	1	0	100	0.00	0.0	3.266	0.000	1	0	1	1
PL.11979	PL.18036	A	2ACSR	7.53Y	125.6	0.01	0.43	7.89	5	55	22	93	0.04	0.0	3.266	0.042	0	0	0	22
		B		7.49Y	124.9	0.02	1.12	14.64	9	100	46	91			0	0	0	0	22	
		C		7.52Y	125.3	0.02	0.66	18.18	12	127	51	93			0	0	0	0	42	
0332115	PL.11979	B	Consumer	7.49Y	124.9	0.00	1.12	4.68	0	30	18	86	0.00	0.0	3.266	0.000	30	18	1	1
0332112	PL.11979	C	Consumer	7.52Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	3.266	0.000	0	0	0	0
PL.24639	PL.11979	A	2ACSR	7.53Y	125.6	0.01	0.44	7.89	5	55	22	93	0.03	0.0	3.311	0.045	0	0	0	22
		B		7.49Y	124.9	0.01	1.14	10.01	6	70	27	93			0	0	0	0	21	
		C		7.52Y	125.3	0.02	0.68	18.18	12	127	51	93			0	0	0	0	42	
PL.6301	PL.24639	A	2ACSR	7.53Y	125.6	0.01	0.45	7.89	5	55	22	93	0.05	0.0	3.391	0.080	0	0	0	22
		B		7.49Y	124.8	0.02	1.16	10.01	6	70	27	93			0	0	0	0	21	
		C		7.52Y	125.3	0.04	0.72	17.93	11	125	50	93			0	0	0	0	41	
PL.42213	PL.6301	C	4ACSR	7.52Y	125.3	0.00	0.72	13.34	11	93	36	93	0.00	0.0	3.392	0.001	0	0	0	26
PD.7648-A	PL.42213	C	Closed	7.52Y	125.3	0.00	0.72	13.34	0	93	36	93	0.00	0.0	3.392	0.000	0	0	0	26
PD.7648-B	PD.7648-A	C	Closed	7.52Y	125.3	0.00	0.72	13.34	0	93	36	93	0.00	0.0	3.392	0.000	0	0	0	26
PL.42214	PD.7648-B	C	4ACSR	7.52Y	125.3	0.00	0.73	13.34	11	93	36	93	0.00	0.0	3.398	0.005	0	0	0	26
PD.7475	PL.42214	C	70L	7.52Y	125.3	0.00	0.73	13.34	19	93	36	93	0.00	0.0	3.398	0.000	0	0	0	26
PL.18911	PD.7475	C	4ACSR	7.52Y	125.3	0.01	0.74	13.34	11	93	36	93	0.01	0.0	3.417	0.019	0	0	0	26
PL.18912	PL.18911	C	4ACSR	7.51Y	125.2	0.03	0.77	13.34	11	93	36	93	0.02	0.0	3.465	0.048	0	0	0	26
PL.18913	PL.18912	C	4ACSR	7.51Y	125.2	0.04	0.81	13.34	11	93	36	93	0.03	0.0	3.526	0.061	0	0	0	26
0332100	PL.18913	C	Consumer	7.51Y	125.2	0.00	0.81	0.86	0	6	2	95	0.00	0.0	3.526	0.000	6	2	1	1
0332117	PL.18913	C	Consumer	7.51Y	125.2	0.00	0.81	0.36	0	3	1	95	0.00	0.0	3.526	0.000	3	1	1	1
033238	PL.18913	C	Consumer	7.51Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	3.526	0.000	0	0	0	0
PL.27865	PL.18913	C	4ACSR	7.51Y	125.2	0.03	0.84	12.12	10	85	33	93	0.02	0.0	3.586	0.060	0	0	0	24
PL.27866	PL.27865	C	4ACSR	7.51Y	125.1	0.02	0.86	10.47	9	73	29	93	0.01	0.0	3.627	0.041	0	0	0	21
0332120	PL.27866	C	Consumer	7.51Y	125.1	0.00	0.86	0.63	0	4	2	89	0.00	0.0	3.627	0.000	4	2	1	1
033240	PL.27866	C	Consumer	7.51Y	125.1	0.00	0.86	0.46	0	3	1	95	0.00	0.0	3.627	0.000	3	1	1	1
PL.11984	PL.27866	C	4ACSR	7.51Y	125.1	0.03	0.89	9.38	8	66	26	93	0.01	0.0	3.688	0.061	0	0	0	19
033257	PL.11984	C	Consumer	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	3.688	0.000	0	0	0	0
PL.41533	PL.11984	C	4ACSR	7.51Y	125.1	0.03	0.91	9.38	8	66	26	93	0.01	0.0	3.756	0.068	0	0	0	19
PL.41534	PL.41533	C	4ACSR	7.51Y	125.1	0.00	0.92	9.38	8	66	26	93	0.00	0.0	3.759	0.003	0	0	0	19
033278	PL.41534	C	Consumer	7.51Y	125.1	0.00	0.92	0.26	0	2	1	89	0.00	0.0	3.759	0.000	2	1	1	1
PL.11986	PL.41534	C	4ACSR	7.50Y	125.1	0.02	0.94	9.12	8	64	25	93	0.01	0.0	3.818	0.059	0	0	0	18
PL.41535	PL.11986	C	4ACSR	7.50Y	125.1	0.00	0.94	0.43	0	3	1	95	0.00	0.0	3.820	0.003	0	0	0	1
PD.7469	PL.41535	C	fuse6AMP	7.50Y	125.1	0.00	0.94	0.43	7	3	1	95	0.00	0.0	3.820	0.000	0	0	0	1
PL.41536	PD.7469	C	4ACSR	7.50Y	125.1	0.00	0.94	0.43	0	3	1	95	0.00	0.0	3.871	0.051	0	0	0	1
0332114	PL.41536	C	Consumer	7.50Y	125.1	0.00	0.94	0.43	0	3	1	95	0.00	0.0	3.871	0.000	3	1	1	1
PL.11987	PL.11986	C	4ACSR	7.50Y	125.0	0.03	0.97	8.69	7	61	24	93	0.01	0.0	3.883	0.065	0	0	0	17
033282	PL.11987	C	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	3.883	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, % 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.6305 through PL.6311 and C PD.7473.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.11982, PL.41539, PD.7474-A, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 CWP.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.12000, 023942, PL.29867, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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		
PL.12009	PL.19761	A	2ACSR	7.51Y	125.2	0.02	0.84	2.09	1	15	6	93	0.00	0.0	6.480	0.217	0	0	0	7
		B		7.47Y	124.6	0.01	1.44	2.43	2	17	7	93					0	0	0	5
		C		7.51Y	125.2	-0.00	0.76	0.00	0	0	0	100					0	0	0	0
PL.20198	PL.12009	A	2ACSR	7.51Y	125.2	0.01	0.85	2.09	1	15	6	93	0.00	0.0	6.577	0.097	0	0	0	7
		B		7.47Y	124.6	0.00	1.44	1.95	1	14	5	93					0	0	0	4
		C		7.51Y	125.2	-0.00	0.75	0.00	0	0	0	100					0	0	0	0
PD.165-A	PL.20198	A	Closed	7.51Y	125.2	0.00	0.85	2.09	0	15	6	93	0.00	0.0	6.577	0.000	0	0	0	7
		B		7.47Y	124.6	0.00	1.44	1.95	0	14	5	93					0	0	0	4
		C		7.51Y	125.2	0.00	0.75	0.00	0	0	0	100					0	0	0	0
PD.165-B	PD.165-A	A	Closed	7.51Y	125.2	0.00	0.85	2.09	0	15	6	93	0.00	0.0	6.577	0.000	0	0	0	7
		B		7.47Y	124.6	0.00	1.44	1.95	0	14	5	93					0	0	0	4
		C		7.51Y	125.2	0.00	0.75	0.00	0	0	0	100					0	0	0	0
PL.20199	PD.165-B	A	2ACSR	7.51Y	125.1	0.00	0.85	2.09	1	15	6	93	0.00	0.0	6.641	0.063	0	0	0	7
		B		7.47Y	124.6	0.00	1.44	1.95	1	14	5	93					0	0	0	4
		C		7.51Y	125.2	-0.00	0.75	0.00	0	0	0	100					0	0	0	0
PL.41549	PL.20199	A	4ACSR	7.51Y	125.1	-0.00	0.85	0.02	0	0	0	100	0.00	0.0	6.647	0.006	0	0	0	2
PD.7479	PL.41549	A	fuse6AMP	7.51Y	125.1	0.00	0.85	0.02	0	0	0	100	0.00	0.0	6.647	0.000	0	0	0	2
PL.41550	PD.7479	A	4ACSR	7.51Y	125.1	0.00	0.85	0.02	0	0	0	100	0.00	0.0	6.748	0.101	0	0	0	2
023802	PL.41550	A	Consumer	7.51Y	125.1	0.00	0.85	0.00	0	0	0	100	0.00	0.0	6.748	0.000	0	0	1	1
023814	PL.41550	A	Consumer	7.51Y	125.1	0.00	0.85	0.02	0	0	0	100	0.00	0.0	6.748	0.000	0	0	1	1
PL.12010	PL.20199	A	2ACSR	7.51Y	125.1	0.01	0.86	2.07	1	14	6	92	0.00	0.0	6.716	0.075	0	0	0	5
		B		7.47Y	124.6	0.00	1.45	1.95	1	14	5	93					0	0	0	4
		C		7.51Y	125.2	-0.00	0.75	0.00	0	0	0	100					0	0	0	0
PL.28004	PL.12010	A	2ACSR	7.51Y	125.1	0.01	0.86	2.07	1	14	6	92	0.00	0.0	6.803	0.087	0	0	0	5
		B		7.47Y	124.5	0.00	1.45	1.95	1	14	5	93					0	0	0	4
		C		7.51Y	125.2	-0.00	0.75	0.00	0	0	0	100					0	0	0	0
023715	PL.28004	B	Consumer	7.47Y	124.5	0.00	1.45	0.01	0	0	0	100	0.00	0.0	6.803	0.000	0	0	1	1
0237090	PL.28004	B	Consumer	7.47Y	124.5	0.00	1.45	0.54	0	4	1	97	0.00	0.0	6.803	0.000	4	1	1	1
PL.28005	PL.28004	A	2ACSR	7.51Y	125.1	0.00	0.87	2.07	1	14	6	92	0.00	0.0	6.830	0.027	0	0	0	5
		B		7.47Y	124.5	0.00	1.45	1.41	1	10	4	93					0	0	0	2
		C		7.51Y	125.2	-0.00	0.75	0.00	0	0	0	100					0	0	0	0
023712	PL.28005	A	Consumer	7.51Y	125.1	0.00	0.87	0.18	0	1	0	100	0.00	0.0	6.830	0.000	1	0	1	1
PL.27946	PL.28005	A	2ACSR	7.51Y	125.1	0.01	0.88	1.88	1	13	5	93	0.00	0.0	6.968	0.138	0	0	0	4
		B		7.47Y	124.5	0.00	1.45	1.41	1	10	4	93					0	0	0	2
		C		7.51Y	125.2	-0.00	0.75	0.00	0	0	0	100					0	0	0	0
PL.42177	PL.27946	B	2ACSR	7.47Y	124.5	0.00	1.46	1.41	1	10	4	93	0.00	0.0	6.988	0.020	0	0	0	2
PL.42178	PL.42177	B	2ACSR	7.47Y	124.5	0.00	1.46	0.71	0	5	2	93	0.00	0.0	7.025	0.037	0	0	0	1
0237091	PL.42178	B	Consumer	7.47Y	124.5	0.00	1.46	0.71	0	5	2	93	0.00	0.0	7.025	0.000	5	2	1	1
PL.42176	PL.42177	B	2ACSR	7.47Y	124.5	0.00	1.46	0.70	0	5	2	93	0.00	0.0	7.056	0.068	0	0	0	1
0237092	PL.42176	B	Consumer	7.47Y	124.5	0.00	1.46	0.70	0	5	2	93	0.00	0.0	7.056	0.000	5	2	1	1
PL.27947	PL.27946	A	2ACSR	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	7.039	0.071	0	0	0	0
		B		7.47Y	124.5	0.00	1.45	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.75	0.00	0	0	0	100					0	0	0	0
PD.7395-A	PL.27947	A	Open	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	7.039	0.000	0	0	0	0
		B		7.47Y	124.5	0.00	1.45	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.75	0.00	0	0	0	100					0	0	0	0
023711	PL.27946	A	Consumer	7.51Y	125.1	0.00	0.88	0.58	0	4	2	89	0.00	0.0	6.968	0.000	4	2	1	1
023764	PL.27946	A	Consumer	7.51Y	125.1	0.00	0.88	0.18	0	1	1	71	0.00	0.0	6.968	0.000	1	1	1	1
023731	PL.27946	A	Consumer	7.51Y	125.1	0.00	0.88	0.12	0	1	0	100	0.00	0.0	6.968	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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							
023710	PL.27946	A	Consumer	7.51Y	125.1	0.00	0.88	1.01	0	7	3	92	0.00	0.0	6.968	0.000	7	3	1	1
023803	PL.12009	B	Consumer	7.47Y	124.6	0.00	1.44	0.48	0	3	1	95	0.00	0.0	6.480	0.000	3	1	1	1
023807	PL.19616	A	Consumer	7.51Y	125.2	0.00	0.82	0.09	0	1	0	100	0.00	0.0	6.157	0.000	1	0	1	1
023817	PL.19615	C	Consumer	7.51Y	125.2	0.00	0.76	0.11	0	1	0	100	0.00	0.0	6.072	0.000	1	0	1	1
023809	PL.19615	C	Consumer	7.51Y	125.2	0.00	0.76	0.13	0	1	0	100	0.00	0.0	6.072	0.000	1	0	1	1
023812	PL.12006	A	Consumer	7.51Y	125.2	0.00	0.79	0.38	0	3	1	95	0.00	0.0	5.753	0.000	3	1	1	1
PL.1785	PL.12004	A	4ACSR	7.52Y	125.3	0.00	0.75	0.89	1	6	2	95	0.00	0.0	5.355	0.058	0	0	0	1
023945	PL.1785	A	Consumer	7.52Y	125.3	0.00	0.75	0.89	0	6	2	95	0.00	0.0	5.355	0.000	6	2	1	1
023941	PL.12004	B	Consumer	7.48Y	124.6	0.00	1.36	0.60	0	4	2	89	0.00	0.0	5.298	0.000	4	2	1	1
023902	PL.12004	A	Consumer	7.52Y	125.3	0.00	0.74	0.64	0	4	2	89	0.00	0.0	5.298	0.000	4	2	1	1
PL.41547	PL.6185	B	4ACSR	7.48Y	124.6	0.00	1.36	0.72	1	5	2	93	0.00	0.0	5.199	0.007	0	0	0	1
PD.166	PL.41547	B	fuse6AMP	7.48Y	124.6	0.00	1.36	0.72	12	5	2	93	0.00	0.0	5.199	0.000	0	0	0	1
PL.41548	PD.166	B	4ACSR	7.48Y	124.6	0.00	1.36	0.72	1	5	2	93	0.00	0.0	5.303	0.104	0	0	0	1
PL.6182	PL.41548	B	4ACSR	7.48Y	124.6	0.00	1.37	0.72	1	5	2	93	0.00	0.0	5.384	0.081	0	0	0	1
PL.1778	PL.6182	B	4ACSR	7.48Y	124.6	0.00	1.37	0.72	1	5	2	93	0.00	0.0	5.414	0.030	0	0	0	1
PL.1780	PL.1778	B	4ACSR	7.48Y	124.6	0.00	1.37	0.72	1	5	2	93	0.00	0.0	5.454	0.040	0	0	0	1
023939	PL.1780	B	Consumer	7.48Y	124.6	0.00	1.37	0.72	0	5	2	93	0.00	0.0	5.454	0.000	5	2	1	1
023933	PL.12002	A	Consumer	7.52Y	125.3	0.00	0.73	0.16	0	1	1	71	0.00	0.0	5.017	0.000	1	1	1	1
PL.27697	PL.12002	A	4ACSR	7.52Y	125.3	0.00	0.73	1.73	1	12	5	92	0.00	0.0	5.042	0.025	0	0	0	2
PD.2574	PL.27697	A	fuse6AMP	7.52Y	125.3	0.00	0.73	1.73	30	12	5	92	0.00	0.0	5.042	0.000	0	0	0	2
PL.27698	PD.2574	A	4ACSR	7.52Y	125.3	0.00	0.73	1.73	1	12	5	92	0.00	0.0	5.101	0.059	0	0	0	2
023918	PL.27698	A	Consumer	7.52Y	125.3	0.00	0.73	0.76	0	5	2	93	0.00	0.0	5.101	0.000	5	2	1	1
023917	PL.27698	A	Consumer	7.52Y	125.3	0.00	0.73	0.97	0	7	3	92	0.00	0.0	5.101	0.000	7	3	1	1
PL.1783	PL.29867	B	4ACSR	7.48Y	124.6	0.00	1.36	0.80	1	6	2	95	0.00	0.0	4.838	0.090	0	0	0	1
023910	PL.1783	B	Consumer	7.48Y	124.6	0.00	1.36	0.80	0	6	2	95	0.00	0.0	4.838	0.000	6	2	1	1
023943	PL.11998	C	Consumer	7.51Y	125.2	0.00	0.78	0.03	0	0	0	100	0.00	0.0	4.552	0.000	0	0	1	1
023938	PL.11997	C	Consumer	7.51Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	4.527	0.000	0	0	1	1
PL.19103	PL.11994	C	4ACSR	7.51Y	125.2	0.00	0.77	1.47	1	10	4	93	0.00	0.0	4.341	0.013	0	0	0	1
PD.2572	PL.19103	C	fuse6AMP	7.51Y	125.2	0.00	0.77	1.47	25	10	4	93	0.00	0.0	4.341	0.000	0	0	0	1
PL.19104	PD.2572	C	4ACSR	7.51Y	125.2	0.00	0.77	1.47	1	10	4	93	0.00	0.0	4.383	0.042	0	0	0	1
023914	PL.19104	C	Consumer	7.51Y	125.2	0.00	0.77	1.47	0	10	4	93	0.00	0.0	4.383	0.000	10	4	1	1
PL.1755	PL.30359	A	4ACSR	7.52Y	125.4	0.00	0.59	0.25	0	2	1	89	0.00	0.0	4.179	0.054	0	0	0	1
033242	PL.1755	A	Consumer	7.52Y	125.4	0.00	0.59	0.25	0	2	1	89	0.00	0.0	4.179	0.000	2	1	1	1
PL.1756	PL.30359	C	4ACSR	7.51Y	125.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	4.191	0.066	0	0	0	0
PL.1752	PL.11990	B	4ACSR	7.48Y	124.7	0.00	1.26	0.36	0	2	1	89	0.00	0.0	3.873	0.067	0	0	0	3
PL.45566	PL.1752	B	4ACSR	7.48Y	124.7	0.00	1.26	0.36	0	2	1	89	0.00	0.0	3.980	0.106	0	0	0	3
PL.45567	PL.45566	B	4ACSR	7.48Y	124.7	0.00	1.26	0.36	0	2	1	89	0.00	0.0	4.108	0.128	0	0	0	3
0332116	PL.45567	B	Consumer	7.48Y	124.7	0.00	1.26	0.01	0	0	0	100	0.00	0.0	4.108	0.000	0	0	1	1

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss		Length (mi)	KW			KVAR	
PL.20258	PL.45567	B	4ACSR	7.48Y	124.7	0.00	1.27	0.35	0	2	1	89	0.00	0.0	4.160	0.052	0	0	0	2
033298	PL.20258	B	Consumer	7.48Y	124.7	0.00	1.27	0.35	0	2	1	89	0.00	0.0	4.160	0.000	2	1	1	1
PL.20259	PL.20258	B	4ACSR	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.209	0.049	0	0	0	1
PL.12011	PL.20259	B	4ACSR	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.341	0.132	0	0	0	1
PL.12012	PL.12011	B	4ACSR	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.378	0.037	0	0	0	0
034210	PL.12012	B	Consumer	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.378	0.000	0	0	0	0
PL.6293	PL.12012	B	4ACSR	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.379	0.001	0	0	0	0
PL.1749	PL.12011	B	4ACSR	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.414	0.073	0	0	0	1
PL.1775	PL.1749	B	4ACSR	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.484	0.070	0	0	0	1
024902	PL.1775	B	Consumer	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.484	0.000	0	0	1	1
PL.1748	PL.1749	B	4ACSR	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.414	0.000	0	0	0	0
0332124	PL.45566	B	Consumer	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	3.980	0.000	0	0	0	0
033258	PL.11990	C	Consumer	7.51Y	125.2	0.00	0.75	0.42	0	3	1	95	0.00	0.0	3.807	0.000	3	1	1	1
033222	PL.11990	C	Consumer	7.51Y	125.2	0.00	0.75	0.05	0	0	0	100	0.00	0.0	3.807	0.000	0	0	1	1
0332105	PL.11990	A	Consumer	7.53Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	3.807	0.000	0	0	0	0
033294	PL.11990	C	Consumer	7.51Y	125.2	0.00	0.75	0.07	0	1	0	100	0.00	0.0	3.807	0.000	1	0	1	1
0332107	PL.11990	B	Consumer	7.48Y	124.7	0.00	1.26	0.63	0	4	2	89	0.00	0.0	3.807	0.000	4	2	1	1
PL.23843	PL.11990	C	4ACSR	7.51Y	125.2	0.00	0.75	0.00	0	0	0	100	0.00	0.0	3.886	0.079	0	0	0	1
033204	PL.23843	C	Consumer	7.51Y	125.2	0.00	0.75	0.00	0	0	0	100	0.00	0.0	3.886	0.000	0	0	1	1
033205	PL.11989	A	Consumer	7.53Y	125.5	0.00	0.53	0.72	0	5	2	93	0.00	0.0	3.700	0.000	5	2	1	1
PL.41543	PL.11988	B	4ACSR	7.49Y	124.8	0.00	1.23	1.12	1	8	3	94	0.00	0.0	3.674	0.006	0	0	0	1
PD.7477	PL.41543	B	fuse6AMP	7.49Y	124.8	0.00	1.23	1.12	19	8	3	94	0.00	0.0	3.674	0.000	0	0	0	1
PL.41544	PD.7477	B	4ACSR	7.49Y	124.8	0.00	1.24	1.12	1	8	3	94	0.00	0.0	3.733	0.058	0	0	0	1
033281	PL.41544	B	Consumer	7.49Y	124.8	0.00	1.24	1.12	0	8	3	94	0.00	0.0	3.733	0.000	8	3	1	1
PL.18033	PL.11982	C	4ACSR	7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	3.492	0.006	0	0	0	1
PD.1210	PL.18033	C	fuse6AMP	7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	3.492	0.000	0	0	0	1
PL.18034	PD.1210	C	4ACSR	7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	3.507	0.014	0	0	0	1
PL.6300	PL.18034	C	4ACSR	7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	3.556	0.049	0	0	0	1
033207	PL.6300	C	Consumer	7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	3.556	0.000	0	0	1	1
0332103	PL.6311	C	Consumer	7.52Y	125.3	0.00	0.73	0.72	0	5	2	93	0.00	0.0	3.416	0.000	5	2	1	1
PL.17202	PL.24639	C	4ACSR	7.52Y	125.3	0.00	0.68	0.25	0	2	1	89	0.00	0.0	3.337	0.026	0	0	0	1
PD.1209	PL.17202	C	fuse6AMP	7.52Y	125.3	0.00	0.68	0.25	4	2	1	89	0.00	0.0	3.337	0.000	0	0	0	1
PL.17778	PD.1209	C	4ACSR	7.52Y	125.3	0.00	0.68	0.25	0	2	1	89	0.00	0.0	3.368	0.031	0	0	0	1
033268	PL.17778	C	Consumer	7.52Y	125.3	0.00	0.68	0.25	0	2	1	89	0.00	0.0	3.368	0.000	2	1	1	1
033246	PL.19508	C	Consumer	7.53Y	125.4	0.00	0.57	0.62	0	4	2	89	0.00	0.0	3.095	0.000	4	2	1	1
033214	PL.19508	C	Consumer	7.53Y	125.4	0.00	0.57	0.44	0	3	1	95	0.00	0.0	3.095	0.000	3	1	1	1
033212	PL.11977	B	Consumer	7.50Y	125.0	0.00	1.00	0.55	0	4	1	97	0.00	0.0	3.032	0.000	4	1	1	1
033211	PL.11977	C	Consumer	7.53Y	125.5	0.00	0.54	0.50	0	4	1	97	0.00	0.0	3.032	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 0332123, 033225, 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\EXISTING JUL05 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-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	KW	KVAR						KW	KVAR		
PL.19900	PL.19899	A	6ACWC	7.51Y	125.2	0.10	0.84	22.60	19	169	16	100	0.81	0.1	3.463	0.109	0	0	0	1		
		B		7.45Y	124.1	0.22	1.91	46.87	40	339	85	97					0	0	0	51		
		C		7.51Y	125.2	0.07	0.81	24.65	21	184	25	99					0	0	0	5		
PL.42191	PL.19900	A	4ACSR	7.51Y	125.2	0.00	0.84	0.00	0	0	0	100	0.00	0.0	3.466	0.003	0	0	0	0		
PD.7641	PL.42191	A	fuse6AMP	7.51Y	125.2	0.00	0.84	0.00	0	0	0	100	0.00	0.0	3.466	0.000	0	0	0	0		
PL.42194	PD.7641	A	4ACSR	7.51Y	125.2	0.00	0.84	0.00	0	0	0	100	0.00	0.0	3.469	0.002	0	0	0	0		
PL.42195	PL.42194	A	4ACSR	7.51Y	125.2	0.00	0.84	0.00	0	0	0	100	0.00	0.0	3.567	0.099	0	0	0	0		
034218	PL.42195	A	Consumer	7.51Y	125.2	0.00	0.84	0.00	0	0	0	100	0.00	0.0	3.567	0.000	0	0	0	0		
PL.42193	PL.42194	A	4ACSR	7.51Y	125.2	0.00	0.84	0.00	0	0	0	100	0.00	0.0	3.535	0.067	0	0	0	0		
034212	PL.42193	A	Consumer	7.51Y	125.2	0.00	0.84	0.00	0	0	0	100	0.00	0.0	3.535	0.000	0	0	0	0		
PL.28006	PL.19900	A	6ACWC	7.51Y	125.1	0.04	0.88	22.60	19	169	16	100	0.32	0.0	3.507	0.044	0	0	0	1		
		B		7.44Y	124.0	0.09	2.00	46.33	39	335	83	97					0	0	0	50		
		C		7.51Y	125.2	0.03	0.84	24.65	21	184	25	99					0	0	0	5		
034242	PL.28006	C	Consumer	7.51Y	125.2	0.00	0.84	0.21	0	1	1	71	0.00	0.0	3.507	0.000	1	1	1	1		
PL.28007	PL.28006	A	6ACWC	7.51Y	125.1	0.02	0.91	22.60	19	169	16	100	0.19	0.0	3.533	0.026	0	0	0	1		
		B		7.44Y	123.9	0.05	2.05	46.33	39	334	83	97					0	0	0	50		
		C		7.51Y	125.1	0.02	0.86	24.45	21	182	24	99					0	0	0	4		
034211	PL.28007	C	Consumer	7.51Y	125.1	0.00	0.86	0.62	0	4	2	89	0.00	0.0	3.533	0.000	4	2	1	1		
PL.42187	PL.28007	A	6ACWC	7.49Y	124.8	0.26	1.16	22.60	19	169	16	100	1.98	0.3	3.809	0.275	0	0	0	1		
		B		7.40Y	123.4	0.55	2.60	46.33	39	334	83	97					0	0	0	50		
		C		7.50Y	125.0	0.18	1.04	23.84	20	178	22	99					0	0	0	3		
PD.7639-A	PL.42187	A	Closed	7.49Y	124.8	0.00	1.16	22.60	0	168	16	100	0.00	0.0	3.809	0.000	0	0	0	1		
		B		7.40Y	123.4	0.00	2.60	46.33	0	333	83	97					0	0	0	50		
		C		7.50Y	125.0	0.00	1.04	23.84	0	177	22	99					0	0	0	3		
PD.7639-B	PD.7639-A	A	Closed	7.49Y	124.8	0.00	1.16	22.60	0	168	16	100	0.00	0.0	3.809	0.000	0	0	0	1		
		B		7.40Y	123.4	0.00	2.60	46.33	0	333	83	97					0	0	0	50		
		C		7.50Y	125.0	0.00	1.04	23.84	0	177	22	99					0	0	0	3		
PL.42188	PD.7639-B	A	6ACWC	7.49Y	124.8	0.06	1.22	22.60	19	168	16	100	0.45	0.1	3.871	0.062	0	0	0	1		
		B		7.40Y	123.3	0.12	2.72	46.33	39	333	83	97					0	0	0	50		
		C		7.50Y	124.9	0.04	1.08	23.84	20	177	22	99					0	0	0	3		
PL.32984	PL.42188	A	6ACWC	7.48Y	124.7	0.05	1.27	21.02	18	157	10	100	0.38	0.1	3.929	0.058	0	0	0	0		
		B		7.39Y	123.2	0.11	2.84	44.63	38	321	76	97					0	0	0	49		
		C		7.49Y	124.9	0.03	1.10	20.97	18	157	10	100					0	0	0	0		
PL.19881	PL.32984	A	6ACWC	7.48Y	124.7	0.05	1.32	21.02	18	157	10	100	0.34	0.1	3.982	0.052	0	0	0	0		
		B		7.38Y	123.1	0.10	2.94	44.63	38	321	76	97					0	0	0	49		
		C		7.49Y	124.9	0.03	1.13	20.97	18	157	10	100					0	0	0	0		
PL.19882	PL.19881	A	6ACWC	7.48Y	124.6	0.09	1.42	21.02	18	157	10	100	0.69	0.1	4.089	0.108	0	0	0	0		
		B		7.37Y	122.9	0.21	3.14	44.63	38	321	75	97					0	0	0	49		
		C		7.49Y	124.8	0.05	1.19	20.97	18	157	10	100					0	0	0	0		
034247	PL.19882	B	Consumer	7.37Y	122.9	0.00	3.14	0.14	0	1	0	100	0.00	0.0	4.089	0.000	1	0	1	1		
PL.27957	PL.19882	A	6ACWC	7.47Y	124.6	0.03	1.45	21.02	18	157	10	100	0.23	0.0	4.125	0.036	0	0	0	0		
		B		7.37Y	122.8	0.07	3.21	44.49	38	319	75	97					0	0	0	48		
		C		7.49Y	124.8	0.02	1.20	20.97	18	157	10	100					0	0	0	0		
PL.27958	PL.27957	A	6ACWC	7.47Y	124.5	0.03	1.47	21.02	18	157	10	100	0.18	0.0	4.153	0.028	0	0	0	0		
		B		7.36Y	122.7	0.05	3.26	44.47	38	319	75	97					0	0	0	47		
		C		7.49Y	124.8	0.01	1.22	20.97	18	157	10	100					0	0	0	0		
PL.12013	PL.27958	A	6ACWC	7.47Y	124.5	0.02	1.49	21.02	18	157	10	100	0.14	0.0	4.175	0.022	0	0	0	0		
		B		7.36Y	122.7	0.04	3.31	44.47	38	319	75	97					0	0	0	47		
		C		7.49Y	124.8	0.01	1.23	20.97	18	157	10	100					0	0	0	0		
PL.1737	PL.12013	A	6ACWC	7.47Y	124.5	0.06	1.55	21.02	18	157	10	100	0.21	0.0	4.245	0.070	0	0	0	0		
		B		7.36Y	122.6	0.06	3.36	21.53	18	158	10	100					0	0	0	1		
		C		7.48Y	124.7	0.05	1.28	20.97	18	157	10	100					0	0	0	0		

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Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.28293, 034222, PL.1736, 034221, PL.20832, PD.3416, PL.39507, PL.39508, PL.39506, PL.18003, PL.20163, 035221, PL.20164, PL.42198, PD.7643-A, PD.7643-B, PL.42199, PL.6368, 035201, PL.6365, 035204.

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Unbalanced Voltage Drop Report
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Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for various elements like PL.20052, PL.20053, SAW MILL, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.6233	PL.26288	B	4ACSR	7.27Y	121.1	0.12	4.87	8.67	7	59	23	93	0.05	0.1	7.028	0.298	0	0	0	16
PL.88	PL.6233	B	4ACSR	7.27Y	121.1	0.02	4.90	8.67	7	59	23	93	0.01	0.0	7.087	0.059	0	0	0	16
PL.87	PL.88	B	4ACSR	7.26Y	121.0	0.06	4.96	8.67	7	59	23	93	0.03	0.0	7.239	0.153	0	0	0	16
PL.23639	PL.87	B	4ACSR	7.26Y	121.0	0.09	5.05	8.67	7	59	23	93	0.04	0.1	7.466	0.227	0	0	0	16
036218	PL.23639	B	Consumer	7.26Y	121.0	0.00	5.05	0.00	0	0	0	100	0.00	0.0	7.466	0.000	0	0	0	0
036229	PL.23639	B	Consumer	7.26Y	121.0	0.00	5.05	0.00	0	0	0	100	0.00	0.0	7.466	0.000	0	0	0	0
036216	PL.23639	B	Consumer	7.26Y	121.0	0.00	5.05	0.71	0	5	2	93	0.00	0.0	7.466	0.000	5	2	1	1
PL.23638	PL.23639	B	4ACSR	7.26Y	120.9	0.02	5.07	7.96	7	54	21	93	0.01	0.0	7.522	0.056	0	0	0	15
PL.35668	PL.23638	B	4ACSR	7.26Y	120.9	0.01	5.08	7.96	7	54	21	93	0.00	0.0	7.542	0.019	0	0	0	15
0372023	PL.35668	B	Consumer	7.26Y	120.9	0.00	5.08	0.34	0	2	1	89	0.00	0.0	7.542	0.000	2	1	1	1
PL.35669	PL.35668	B	4ACSR	7.25Y	120.9	0.03	5.10	7.62	6	52	20	93	0.01	0.0	7.622	0.081	0	0	0	14
037211	PL.35669	B	Consumer	7.25Y	120.9	0.00	5.10	0.58	0	4	2	89	0.00	0.0	7.622	0.000	4	2	1	1
037209	PL.35669	B	Consumer	7.25Y	120.9	0.00	5.10	0.68	0	5	2	93	0.00	0.0	7.622	0.000	5	2	1	1
PL.28631	PL.35669	B	4ACSR	7.25Y	120.8	0.05	5.15	6.36	5	43	17	93	0.02	0.0	7.786	0.163	0	0	0	12
PL.28632	PL.28631	B	4ACSR	7.25Y	120.8	0.02	5.17	5.65	5	38	15	93	0.00	0.0	7.850	0.064	0	0	0	10
PL.21122	PL.28632	B	4ACSR	7.25Y	120.8	0.00	5.17	0.00	0	0	0	100	0.00	0.0	7.871	0.021	0	0	0	0
PL.21121	PL.21122	B	4ACSR	7.25Y	120.8	0.00	5.17	0.00	0	0	0	100	0.00	0.0	7.983	0.112	0	0	0	0
PL.21120	PL.21121	B	4ACSR	7.25Y	120.8	0.00	5.17	0.00	0	0	0	100	0.00	0.0	8.017	0.034	0	0	0	0
PL.2097	PL.21120	B	4ACSR	7.25Y	120.8	0.00	5.17	0.00	0	0	0	100	0.00	0.0	8.037	0.020	0	0	0	0
PL.21136	PL.28632	B	4ACSR	7.25Y	120.8	0.01	5.18	5.65	5	38	15	93	0.00	0.0	7.893	0.043	0	0	0	10
PL.21137	PL.21136	B	4ACSR	7.25Y	120.8	0.04	5.22	2.94	2	20	8	93	0.01	0.0	8.187	0.294	0	0	0	6
PL.21119	PL.21137	B	4ACSR	7.25Y	120.8	0.00	5.22	1.26	1	9	3	95	0.00	0.0	8.234	0.047	0	0	0	1
037207	PL.21119	B	Consumer	7.25Y	120.8	0.00	5.22	1.26	0	9	3	95	0.00	0.0	8.234	0.000	9	3	1	1
PL.21138	PL.21137	B	4ACSR	7.25Y	120.8	0.00	5.22	1.68	1	11	4	94	0.00	0.0	8.208	0.021	0	0	0	5
PL.21118	PL.21138	B	4ACSR	7.25Y	120.8	0.00	5.22	0.00	0	0	0	100	0.00	0.0	8.349	0.141	0	0	0	0
037202	PL.21138	B	Consumer	7.25Y	120.8	0.00	5.22	0.63	0	4	2	89	0.00	0.0	8.208	0.000	4	2	1	1
037212	PL.21138	B	Consumer	7.25Y	120.8	0.00	5.22	0.27	0	2	1	89	0.00	0.0	8.208	0.000	2	1	1	1
PL.23277	PL.21138	B	4ACSR	7.25Y	120.8	0.00	5.22	0.77	1	5	2	93	0.00	0.0	8.334	0.125	0	0	0	3
PL.26290	PL.23277	B	4ACSR	7.25Y	120.8	0.00	5.23	0.37	0	3	1	95	0.00	0.0	8.379	0.046	0	0	0	2
PL.2127	PL.26290	B	4ACSR	7.25Y	120.8	0.00	5.23	0.03	0	0	0	100	0.00	0.0	8.441	0.061	0	0	0	1
037217	PL.2127	B	Consumer	7.25Y	120.8	0.00	5.23	0.03	0	0	0	100	0.00	0.0	8.441	0.000	0	0	1	1
PL.26291	PL.26290	B	4ACSR	7.25Y	120.8	0.00	5.23	0.34	0	2	1	89	0.00	0.0	8.488	0.108	0	0	0	1
037206	PL.26291	B	Consumer	7.25Y	120.8	0.00	5.23	0.34	0	2	1	89	0.00	0.0	8.488	0.000	2	1	1	1
037221	PL.23277	B	Consumer	7.25Y	120.8	0.00	5.22	0.40	0	3	1	95	0.00	0.0	8.334	0.000	3	1	1	1
PL.23275	PL.21136	B	4ACSR	7.25Y	120.8	0.00	5.18	0.66	1	4	2	89	0.00	0.0	7.932	0.039	0	0	0	1
PL.23276	PL.23275	B	4ACSR	7.25Y	120.8	0.00	5.18	0.00	0	0	0	100	0.00	0.0	8.162	0.230	0	0	0	0
037219	PL.23275	B	Consumer	7.25Y	120.8	0.00	5.18	0.66	0	4	2	89	0.00	0.0	7.932	0.000	4	2	1	1
PL.35641	PL.21136	B	4ACSR	7.25Y	120.8	0.00	5.18	2.06	2	14	5	94	0.00	0.0	7.917	0.024	0	0	0	3

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	% PF	kW Loss	% Loss							
PL.35642	PL.35641	B	4ACSR	7.25Y	120.8	0.00	5.19	1.38	1	9	4	91	0.00	0.0	7.972	0.055	0	0	0	2
037220	PL.35642	B	Consumer	7.25Y	120.8	0.00	5.19	1.05	0	7	3	92	0.00	0.0	7.972	0.000	7	3	1	1
037218	PL.35642	B	Consumer	7.25Y	120.8	0.00	5.19	0.33	0	2	1	89	0.00	0.0	7.972	0.000	2	1	1	1
0372022	PL.35641	B	Consumer	7.25Y	120.8	0.00	5.18	0.68	0	5	2	93	0.00	0.0	7.917	0.000	5	2	1	1
037216	PL.28631	B	Consumer	7.25Y	120.8	0.00	5.15	0.09	0	1	0	100	0.00	0.0	7.786	0.000	1	0	1	1
037215	PL.28631	B	Consumer	7.25Y	120.8	0.00	5.15	0.62	0	4	2	89	0.00	0.0	7.786	0.000	4	2	1	1
PL.25737	PL.23639	B	4ACSR	7.26Y	121.0	0.00	5.05	0.00	0	0	0	100	0.00	0.0	7.469	0.003	0	0	0	0
PD.278-A	PL.25737	B	Open	7.26Y	121.0	0.00	5.05	0.00	0	0	0	100	0.00	0.0	7.469	0.000	0	0	0	0
026918	PL.43719	B	Consumer	7.28Y	121.3	0.00	4.69	0.02	0	0	0	100	0.00	0.0	6.581	0.000	0	0	1	1
026933	PL.43721	B	Consumer	7.28Y	121.3	0.00	4.65	0.34	0	2	1	89	0.00	0.0	6.490	0.000	2	1	1	1
PL.20383	PL.6229	B	4ACSR	7.30Y	121.6	0.00	4.36	1.01	1	7	3	92	0.00	0.0	5.879	0.020	0	0	0	2
PD.2773	PL.20383	B	fuse6AMP	7.30Y	121.6	0.00	4.36	1.01	17	7	3	92	0.00	0.0	5.879	0.000	0	0	0	2
PL.41075	PD.2773	B	4ACSR	7.30Y	121.6	0.00	4.36	1.01	1	7	3	92	0.00	0.0	5.889	0.010	0	0	0	2
026924	PL.41075	B	Consumer	7.30Y	121.6	0.00	4.36	0.67	0	5	2	93	0.00	0.0	5.889	0.000	5	2	1	1
PL.41076	PL.41075	B	4ACSR	7.30Y	121.6	0.00	4.36	0.34	0	2	1	89	0.00	0.0	6.063	0.174	0	0	0	1
PL.21903	PL.41076	B	4ACSR	7.30Y	121.6	0.00	4.36	0.34	0	2	1	89	0.00	0.0	6.217	0.154	0	0	0	1
PL.21904	PL.21903	B	4ACSR	7.30Y	121.6	0.00	4.36	0.34	0	2	1	89	0.00	0.0	6.246	0.029	0	0	0	1
PL.21116	PL.21904	B	4ACSR	7.30Y	121.6	0.00	4.37	0.34	0	2	1	89	0.00	0.0	6.363	0.117	0	0	0	1
036208	PL.21116	B	Consumer	7.30Y	121.6	0.00	4.37	0.34	0	2	1	89	0.00	0.0	6.363	0.000	2	1	1	1
025914	PL.42201	B	Consumer	7.31Y	121.8	0.00	4.20	0.35	0	2	1	89	0.00	0.0	5.555	0.000	2	1	1	1
025903	PL.42201	B	Consumer	7.31Y	121.8	0.00	4.20	0.71	0	5	2	93	0.00	0.0	5.555	0.000	5	2	1	1
PL.6230	PL.6231	B	4ACSR	7.31Y	121.8	0.03	4.20	6.01	5	41	16	93	0.01	0.0	5.620	0.114	0	0	0	11
025918	PL.6230	B	Consumer	7.31Y	121.8	0.00	4.20	0.45	0	3	1	95	0.00	0.0	5.620	0.000	3	1	1	1
PL.43485	PL.6230	B	4ACSR	7.30Y	121.6	0.15	4.35	5.56	5	38	15	93	0.04	0.1	6.202	0.581	0	0	0	10
PL.43486	PL.43485	B	4ACSR	7.30Y	121.6	0.01	4.37	5.48	5	37	15	93	0.00	0.0	6.253	0.052	0	0	0	9
PL.22216	PL.43486	B	4ACSR	7.30Y	121.6	0.01	4.38	2.05	2	14	5	94	0.00	0.0	6.366	0.113	0	0	0	3
PL.41526	PL.22216	B	4ACSR	7.30Y	121.6	0.00	4.38	2.05	2	14	5	94	0.00	0.0	6.375	0.009	0	0	0	3
PD.7460	PL.41526	B	fuse6AMP	7.30Y	121.6	0.00	4.38	2.05	35	14	5	94	0.00	0.0	6.375	0.000	0	0	0	3
PL.41527	PD.7460	B	4ACSR	7.30Y	121.6	0.02	4.39	2.05	2	14	5	94	0.00	0.0	6.549	0.174	0	0	0	3
025907	PL.41527	B	Consumer	7.30Y	121.6	0.00	4.39	0.33	0	2	1	89	0.00	0.0	6.549	0.000	2	1	1	1
025906	PL.41527	B	Consumer	7.30Y	121.6	0.00	4.39	0.77	0	5	2	93	0.00	0.0	6.549	0.000	5	2	1	1
PL.22215	PL.41527	B	4ACSR	7.30Y	121.6	0.01	4.40	0.95	1	6	3	89	0.00	0.0	6.674	0.124	0	0	0	1
PL.22214	PL.22215	B	4ACSR	7.30Y	121.6	0.00	4.40	0.95	1	6	3	89	0.00	0.0	6.720	0.046	0	0	0	1
0259022	PL.22214	B	Consumer	7.30Y	121.6	0.00	4.40	0.95	0	6	3	89	0.00	0.0	6.720	0.000	6	3	1	1
PL.6234	PL.22216	B	4ACSR	7.30Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	6.391	0.025	0	0	0	0
PL.6235	PL.6234	B	4ACSR	7.30Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	6.424	0.033	0	0	0	0
PL.1712	PL.6235	B	4ACSR	7.30Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	6.577	0.152	0	0	0	0
PL.1713	PL.1712	B	4ACSR	7.30Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	6.900	0.323	0	0	0	0

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.1714	PL.1713	B	4ACSR	7.30Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	6.968	0.068	0	0	0	0
PL.18463	PL.43486	B	4ACSR	7.29Y	121.6	0.07	4.43	3.43	3	23	9	93	0.01	0.1	6.673	0.420	0	0	0	6
PD.226	PL.18463	B	fuse6AMP	7.29Y	121.6	0.00	4.43	3.43	59	23	9	93	0.00	0.0	6.673	0.000	0	0	0	6
PL.18206	PD.226	B	4ACSR	7.29Y	121.6	0.00	4.44	3.43	3	23	9	93	0.00	0.0	6.701	0.028	0	0	0	6
PL.43762	PL.18206	B	4ACSR	7.29Y	121.5	0.03	4.47	3.43	3	23	9	93	0.01	0.0	6.886	0.185	0	0	0	6
PL.43763	PL.43762	B	4ACSR	7.29Y	121.4	0.09	4.55	3.29	3	22	9	93	0.02	0.1	7.468	0.582	0	0	0	5
PL.26286	PL.43763	B	4ACSR	7.29Y	121.4	0.01	4.56	2.54	2	17	7	92	0.00	0.0	7.539	0.071	0	0	0	4
PL.41522	PL.26286	B	4ACSR	7.29Y	121.4	0.00	4.56	1.86	2	13	5	93	0.00	0.0	7.546	0.007	0	0	0	3
PD.7458	PL.41522	B	fuse6AMP	7.29Y	121.4	0.00	4.56	1.86	32	13	5	93	0.00	0.0	7.546	0.000	0	0	0	3
PL.41523	PD.7458	B	4ACSR	7.29Y	121.4	0.01	4.57	1.86	2	13	5	93	0.00	0.0	7.608	0.063	0	0	0	3
PL.6236	PL.41523	B	4ACSR	7.29Y	121.4	0.01	4.58	1.49	1	10	4	93	0.00	0.0	7.727	0.119	0	0	0	2
025807	PL.6236	B	Consumer	7.29Y	121.4	0.00	4.58	0.16	0	1	0	100	0.00	0.0	7.727	0.000	1	0	1	1
PL.6237	PL.6236	B	4ACSR	7.29Y	121.4	0.01	4.58	1.33	1	9	4	91	0.00	0.0	7.817	0.090	0	0	0	1
025802	PL.6237	B	Consumer	7.29Y	121.4	0.00	4.58	1.33	0	9	4	91	0.00	0.0	7.817	0.000	9	4	1	1
025806	PL.41523	B	Consumer	7.29Y	121.4	0.00	4.57	0.37	0	2	1	89	0.00	0.0	7.608	0.000	2	1	1	1
PL.41524	PL.26286	B	4ACSR	7.29Y	121.4	0.00	4.56	0.69	1	5	2	93	0.00	0.0	7.551	0.012	0	0	0	1
PD.7459	PL.41524	B	fuse6AMP	7.29Y	121.4	0.00	4.56	0.69	12	5	2	93	0.00	0.0	7.551	0.000	0	0	0	1
PL.41525	PD.7459	B	4ACSR	7.29Y	121.4	0.00	4.56	0.69	1	5	2	93	0.00	0.0	7.614	0.063	0	0	0	1
PL.40583	PL.41525	B	4ACSR	7.29Y	121.4	0.00	4.57	0.69	1	5	2	93	0.00	0.0	7.656	0.042	0	0	0	1
PL.40584	PL.40583	B	4ACSR	7.29Y	121.4	0.00	4.57	0.69	1	5	2	93	0.00	0.0	7.689	0.034	0	0	0	1
PL.21907	PL.40584	B	4ACSR	7.29Y	121.4	0.00	4.57	0.69	1	5	2	93	0.00	0.0	7.775	0.086	0	0	0	1
025805	PL.21907	B	Consumer	7.29Y	121.4	0.00	4.57	0.69	0	5	2	93	0.00	0.0	7.775	0.000	5	2	1	1
PL.41520	PL.43763	B	4ACSR	7.29Y	121.4	0.00	4.55	0.75	1	5	2	93	0.00	0.0	7.477	0.009	0	0	0	1
PD.7457	PL.41520	B	fuse6AMP	7.29Y	121.4	0.00	4.55	0.75	13	5	2	93	0.00	0.0	7.477	0.000	0	0	0	1
PL.41521	PD.7457	B	4ACSR	7.29Y	121.4	0.00	4.56	0.75	1	5	2	93	0.00	0.0	7.521	0.044	0	0	0	1
025804	PL.41521	B	Consumer	7.29Y	121.4	0.00	4.56	0.75	0	5	2	93	0.00	0.0	7.521	0.000	5	2	1	1
0258008	PL.43762	B	Consumer	7.29Y	121.5	0.00	4.47	0.14	0	1	0	100	0.00	0.0	6.886	0.000	1	0	1	1
PL.1977	PL.18206	B	4ACSR	7.29Y	121.6	0.00	4.44	0.00	0	0	0	100	0.00	0.0	6.762	0.061	0	0	0	0
025921	PL.43485	B	Consumer	7.30Y	121.6	0.00	4.35	0.08	0	1	0	100	0.00	0.0	6.202	0.000	1	0	1	1
025916	PL.19093	B	Consumer	7.31Y	121.9	0.00	4.10	0.42	0	3	1	95	0.00	0.0	5.424	0.000	3	1	1	1
025919	PL.19092	B	Consumer	7.32Y	122.0	0.00	4.04	0.15	0	1	0	100	0.00	0.0	5.359	0.000	1	0	1	1
025904	PL.6232	B	Consumer	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	5.236	0.000	0	0	0	0
035220	PL.20052	B	Consumer	7.33Y	122.2	0.00	3.81	0.34	0	2	1	89	0.00	0.0	5.051	0.000	2	1	1	1
035213	PL.20052	B	Consumer	7.33Y	122.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	5.051	0.000	0	0	0	0
035210	PL.20052	B	Consumer	7.33Y	122.2	0.00	3.81	0.54	0	4	1	97	0.00	0.0	5.051	0.000	4	1	1	1
035208	PL.20052	B	Consumer	7.33Y	122.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	5.051	0.000	0	0	0	0
035218	PL.42199	B	Consumer	7.34Y	122.3	0.00	3.66	0.47	0	3	1	95	0.00	0.0	4.785	0.000	3	1	1	1
PL.20456	PL.18003	B	4ACSR	7.35Y	122.4	0.00	3.55	0.00	0	0	0	100	0.00	0.0	4.613	0.011	0	0	0	0

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.1276	PL.20456	B	fuse6AMP	7.35Y	122.4	0.00	3.55	0.00	0	0	0	100	0.00	0.0	4.613	0.000	0	0	0	0
PL.20457	PD.1276	B	4ACSR	7.35Y	122.4	0.00	3.55	0.00	0	0	0	100	0.00	0.0	4.644	0.030	0	0	0	0
035202	PL.20457	B	Consumer	7.35Y	122.4	0.00	3.55	0.00	0	0	0	100	0.00	0.0	4.644	0.000	0	0	0	0
PL.40288	PL.39508	B	2ACSR	7.36Y	122.7	0.00	3.31	1.08	1	7	3	92	0.00	0.0	4.212	0.024	0	0	0	1
034243	PL.40288	B	Consumer	7.36Y	122.7	0.00	3.31	1.08	0	7	3	92	0.00	0.0	4.212	0.000	7	3	1	1
034244	PL.27957	B	Consumer	7.37Y	122.8	0.00	3.21	0.02	0	0	0	100	0.00	0.0	4.125	0.000	0	0	1	1
PL.42196	PL.42188	A	2ACSR	7.49Y	124.8	0.00	1.22	1.76	1	11	7	84	0.00	0.0	3.878	0.007	0	0	0	0
		B		7.40Y	123.3	0.00	2.72	1.78	1	11	7	86			0	0	0	0	0	
		C		7.50Y	124.9	0.00	1.08	3.18	2	20	12	86			0	0	0	0	2	
PD.7642	PL.42196	A	fuse6AMP	7.49Y	124.8	0.00	1.22	1.76	30	11	7	84	0.00	0.0	3.878	0.000	0	0	0	0
		B		7.40Y	123.3	0.00	2.72	1.78	30	11	7	86			0	0	0	0	0	
		C		7.50Y	124.9	0.00	1.08	3.18	54	20	12	86			0	0	0	0	2	
PL.42197	PD.7642	A	2ACSR	7.49Y	124.8	0.00	1.22	1.76	1	11	7	84	0.00	0.0	3.905	0.027	0	0	0	0
		B		7.40Y	123.3	0.00	2.73	1.78	1	11	7	86			0	0	0	0	0	
		C		7.50Y	124.9	0.00	1.08	3.18	2	20	12	86			0	0	0	0	2	
034233	PL.42197	C	Consumer	7.50Y	124.9	0.00	1.08	0.14	0	1	0	100	0.00	0.0	3.905	0.000	1	0	1	1
PL.45302	PL.42197	A	2ACSR	7.49Y	124.8	0.00	1.22	1.76	1	11	7	84	0.00	0.0	3.924	0.019	0	0	0	0
		B		7.40Y	123.3	0.00	2.73	1.78	1	11	7	86			0	0	0	0	0	
		C		7.50Y	124.9	0.00	1.08	3.04	2	20	12	86			0	0	0	0	1	
PL.45303	PL.45302	A	2ACSR	7.49Y	124.8	0.00	1.22	1.76	1	11	7	84	0.00	0.0	3.930	0.006	0	0	0	0
		B		7.40Y	123.3	0.00	2.73	1.78	1	11	7	86			0	0	0	0	0	
		C		7.50Y	124.9	0.00	1.08	3.04	2	20	12	86			0	0	0	0	1	
P PL.33085	PL.45303	A	1/0EPRJCN	7.49Y	124.8	-0.00	1.22	-0.05	0	0	0	100	0.00	0.0	4.002	0.072	0	0	0	0 P
		B		7.40Y	123.3	-0.00	2.73	-0.04	0	0	0	0			0	0	0	0	0	
		C		7.50Y	124.9	0.00	1.08	1.27	1	8	5	87			0	0	0	0	1	
0342051	PL.33085	C	Consumer	7.50Y	124.9	0.00	1.08	1.29	0	8	5	85	0.00	0.0	4.002	0.000	8	5	1	1
PL.33087	PL.45303	A	2ACSR	7.49Y	124.8	0.00	1.23	1.78	1	11	7	84	0.00	0.0	3.939	0.009	0	0	0	0
		B		7.40Y	123.3	0.00	2.73	1.80	1	11	7	85			0	0	0	0	0	
		C		7.50Y	124.9	0.00	1.08	1.78	1	11	7	85			0	0	0	0	0	
0342050	PL.33087	A	Consumer	7.49Y	124.8	0.00	1.23	1.78	0	11	7	84	0.00	0.0	3.939	0.000	11	7	0	0
		B		7.40Y	123.3	0.00	2.73	1.80	0	11	7	85			11	7	0	0	0	
		C		7.50Y	124.9	0.00	1.08	1.78	0	11	7	85			11	7	0	0	0	
0342053	PL.45302	A	Consumer	7.49Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	3.924	0.000	0	0	0	0
034205	PL.19900	B	Consumer	7.45Y	124.1	0.00	1.91	0.55	0	4	1	97	0.00	0.0	3.463	0.000	4	1	1	1
034248	PL.19899	B	Consumer	7.46Y	124.3	0.00	1.69	0.14	0	1	0	100	0.00	0.0	3.354	0.000	1	0	1	1
034245	PL.21377	B	Consumer	7.48Y	124.7	0.00	1.32	0.00	0	0	0	100	0.00	0.0	3.172	0.000	0	0	1	1
PL.42189	PL.21377	A	4ACSR	7.53Y	125.4	0.00	0.57	0.77	1	5	2	93	0.00	0.0	3.176	0.004	0	0	0	1
PD.7640	PL.42189	A	fuse6AMP	7.53Y	125.4	0.00	0.57	0.77	13	5	2	93	0.00	0.0	3.176	0.000	0	0	0	1
PL.42190	PD.7640	A	4ACSR	7.53Y	125.4	0.00	0.57	0.77	1	5	2	93	0.00	0.0	3.228	0.052	0	0	0	1
PL.1741	PL.42190	A	4ACSR	7.53Y	125.4	0.00	0.58	0.77	1	5	2	93	0.00	0.0	3.330	0.102	0	0	0	1
034229	PL.1741	A	Consumer	7.53Y	125.4	0.00	0.58	0.77	0	5	2	93	0.00	0.0	3.330	0.000	5	2	1	1
PL.23844	PL.6294	B	4ACSR	7.50Y	124.9	0.02	1.07	3.95	3	28	11	93	0.00	0.0	3.031	0.089	0	0	0	10
PL.26036	PL.23844	B	4ACSR	7.50Y	124.9	0.00	1.07	1.42	1	10	4	93	0.00	0.0	3.049	0.018	0	0	0	5
PL.1750	PL.26036	B	4ACSR	7.50Y	124.9	0.00	1.07	0.57	0	4	2	89	0.00	0.0	3.084	0.035	0	0	0	2
033274	PL.1750	B	Consumer	7.50Y	124.9	0.00	1.07	0.24	0	2	1	89	0.00	0.0	3.084	0.000	2	1	1	1
0332104	PL.1750	B	Consumer	7.50Y	124.9	0.00	1.07	0.34	0	2	1	89	0.00	0.0	3.084	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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							
034215	PL.26036	B	Consumer	7.50Y	124.9	0.00	1.07	0.39	0	3	1	95	0.00	0.0	3.049	0.000	3	1	1	1
033271	PL.26036	B	Consumer	7.50Y	124.9	0.00	1.07	0.45	0	3	1	95	0.00	0.0	3.049	0.000	3	1	1	1
034249	PL.26036	B	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	3.049	0.000	0	0	1	1
PL.11976	PL.23844	B	4ACSR	7.50Y	124.9	0.00	1.07	1.97	2	14	5	94	0.00	0.0	3.039	0.008	0	0	0	4
PL.26035	PL.11976	B	4ACSR	7.50Y	124.9	0.00	1.07	1.97	2	14	5	94	0.00	0.0	3.065	0.027	0	0	0	4
033272	PL.26035	B	Consumer	7.50Y	124.9	0.00	1.07	0.39	0	3	1	95	0.00	0.0	3.065	0.000	3	1	1	1
033219	PL.26035	B	Consumer	7.50Y	124.9	0.00	1.07	0.19	0	1	1	71	0.00	0.0	3.065	0.000	1	1	1	1
033273	PL.26035	B	Consumer	7.50Y	124.9	0.00	1.07	0.32	0	2	1	89	0.00	0.0	3.065	0.000	2	1	1	1
033269	PL.26035	B	Consumer	7.50Y	124.9	0.00	1.07	1.06	0	7	3	92	0.00	0.0	3.065	0.000	7	3	1	1
0332108	PL.23844	B	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	3.031	0.000	0	0	0	0
033270	PL.23844	B	Consumer	7.50Y	124.9	0.00	1.07	0.56	0	4	2	89	0.00	0.0	3.031	0.000	4	2	1	1
CP.2	PL.28038	A	Cap (150)	7.54Y	125.7	0.00	0.27	-7.28	0	0	-55	0	0.00	0.0	2.775	0.000	0	0	0	0
		B		7.52Y	125.3	0.00	0.65	-7.25	0	0	-55	0					0	0	0	0
P		C		7.54Y	125.7	0.00	0.32	-7.27	0	0	-55	0					0	0	0	0 P
034326	PL.6295	B	Consumer	7.53Y	125.6	0.00	0.45	0.19	0	1	1	71	0.00	0.0	2.691	0.000	1	1	1	1
034328	PL.6295	B	Consumer	7.53Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	2.691	0.000	0	0	0	0
034342	PL.6295	B	Consumer	7.53Y	125.6	0.00	0.45	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	125.8	0.00	0.22	0.80	0	5	3	86	0.00	0.0	2.691	0.000	5	3	1	1
0343100	PL.6295	B	Consumer	7.53Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	2.691	0.000	0	0	0	0
0343108	PL.6295	B	Consumer	7.53Y	125.6	0.00	0.45	0.34	0	2	1	89	0.00	0.0	2.691	0.000	2	1	1	1
034327	PL.6295	B	Consumer	7.53Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	2.691	0.000	0	0	0	0
034355	PL.6295	B	Consumer	7.53Y	125.6	0.00	0.45	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	125.8	0.00	0.22	3.28	0	22	11	89	0.00	0.0	2.691	0.000	22	11	1	1
034358	PL.6295	B	Consumer	7.53Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	2.691	0.000	0	0	0	0
PL.1744	PL.6296	B	4ACSR	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	2.843	0.177	0	0	0	0
PL.1746	PL.1744	B	4ACSR	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	2.989	0.146	0	0	0	0
PL.1747	PL.1746	B	4ACSR	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	3.093	0.104	0	0	0	0
034322	PL.6296	B	Consumer	7.54Y	125.6	0.00	0.38	0.20	0	1	1	71	0.00	0.0	2.666	0.000	1	1	1	1
034302	PL.6296	B	Consumer	7.54Y	125.6	0.00	0.38	0.06	0	0	0	100	0.00	0.0	2.666	0.000	0	0	1	1
034332	PL.6296	B	Consumer	7.54Y	125.6	0.00	0.38	0.25	0	2	1	89	0.00	0.0	2.666	0.000	2	1	1	1
034361	PL.6296	B	Consumer	7.54Y	125.6	0.00	0.38	0.40	0	3	1	95	0.00	0.0	2.666	0.000	3	1	1	1
PL.28164	PL.6296	B	4ACSR	7.54Y	125.6	0.02	0.41	5.52	5	38	17	91	0.01	0.0	2.759	0.093	0	0	0	20
PL.28165	PL.28164	B	4ACSR	7.54Y	125.6	0.00	0.41	1.27	1	9	3	95	0.00	0.0	2.815	0.056	0	0	0	9
033324	PL.28165	B	Consumer	7.54Y	125.6	0.00	0.41	0.24	0	2	1	89	0.00	0.0	2.815	0.000	2	1	1	1
033329	PL.28165	B	Consumer	7.54Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	2.815	0.000	0	0	1	1
033322	PL.28165	B	Consumer	7.54Y	125.6	0.00	0.41	0.18	0	1	0	100	0.00	0.0	2.815	0.000	1	0	1	1
033325	PL.28165	B	Consumer	7.54Y	125.6	0.00	0.41	0.07	0	0	0	100	0.00	0.0	2.815	0.000	0	0	1	1
033321	PL.28165	B	Consumer	7.54Y	125.6	0.00	0.41	0.22	0	2	1	89	0.00	0.0	2.815	0.000	2	1	1	1
033320	PL.28165	B	Consumer	7.54Y	125.6	0.00	0.41	0.19	0	1	1	71	0.00	0.0	2.815	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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							
033323	PL.28165	B	Consumer	7.54Y	125.6	0.00	0.41	0.15	0	1	0	100	0.00	0.0	2.815	0.000	1	0	1	1
033319	PL.28165	B	Consumer	7.54Y	125.6	0.00	0.41	0.10	0	1	0	100	0.00	0.0	2.815	0.000	1	0	1	1
033326	PL.28165	B	Consumer	7.54Y	125.6	0.00	0.41	0.12	0	1	0	100	0.00	0.0	2.815	0.000	1	0	1	1
033315	PL.28164	B	Consumer	7.54Y	125.6	0.00	0.41	0.12	0	1	0	100	0.00	0.0	2.759	0.000	1	0	1	1
033328	PL.28164	B	Consumer	7.54Y	125.6	0.00	0.41	0.03	0	0	0	100	0.00	0.0	2.759	0.000	0	0	1	1
033316	PL.28164	B	Consumer	7.54Y	125.6	0.00	0.41	0.21	0	1	1	71	0.00	0.0	2.759	0.000	1	1	1	1
033314	PL.28164	B	Consumer	7.54Y	125.6	0.00	0.41	2.80	0	19	9	90	0.00	0.0	2.759	0.000	19	9	1	1
033317	PL.28164	B	Consumer	7.54Y	125.6	0.00	0.41	0.13	0	1	0	100	0.00	0.0	2.759	0.000	1	0	1	1
033318	PL.28164	B	Consumer	7.54Y	125.6	0.00	0.41	0.11	0	1	0	100	0.00	0.0	2.759	0.000	1	0	1	1
033327	PL.28164	B	Consumer	7.54Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	2.759	0.000	0	0	1	1
033313	PL.28164	B	Consumer	7.54Y	125.6	0.00	0.41	0.10	0	1	0	100	0.00	0.0	2.759	0.000	1	0	1	1
033312	PL.28164	B	Consumer	7.54Y	125.6	0.00	0.41	0.17	0	1	0	100	0.00	0.0	2.759	0.000	1	0	1	1
033311	PL.28164	B	Consumer	7.54Y	125.6	0.00	0.41	0.20	0	1	1	71	0.00	0.0	2.759	0.000	1	1	1	1
033310	PL.28164	B	Consumer	7.54Y	125.6	0.00	0.41	0.38	0	3	1	95	0.00	0.0	2.759	0.000	3	1	1	1
034345	PL.17420	B	Consumer	7.22Y	120.3	0.00	5.69	0.34	0	2	1	89	0.00	0.0	2.411	0.000	2	1	1	1
034304	PL.17420	B	Consumer	7.22Y	120.3	0.00	5.69	1.11	0	7	3	92	0.00	0.0	2.411	0.000	7	3	1	1
034330	PL.17420	B	Consumer	7.22Y	120.3	0.00	5.69	0.23	0	2	1	89	0.00	0.0	2.411	0.000	2	1	1	1
034324	PL.17420	B	Consumer	7.22Y	120.3	0.00	5.69	0.61	0	4	2	89	0.00	0.0	2.411	0.000	4	2	1	1
PL.42952	PL.26032	A	4ACSR	7.36Y	122.7	0.00	3.32	0.48	0	3	1	95	0.00	0.0	2.313	0.004	0	0	0	3
PD.8196	PL.42952	A	fuse6AMP	7.36Y	122.7	0.00	3.32	0.48	8	3	1	95	0.00	0.0	2.313	0.000	0	0	0	3
PL.45895	PD.8196	A	4ACSR	7.36Y	122.7	0.00	3.32	0.48	0	3	1	95	0.00	0.0	2.327	0.014	0	0	0	3
PL.45896	PL.45895	A	4ACSR	7.36Y	122.7	0.00	3.32	0.48	0	3	1	95	0.00	0.0	2.338	0.011	0	0	0	3
034399	PL.45896	A	Consumer	7.36Y	122.7	0.00	3.32	0.02	0	0	0	100	0.00	0.0	2.338	0.000	0	0	1	1
034336	PL.45896	A	Consumer	7.36Y	122.7	0.00	3.32	0.46	0	3	1	95	0.00	0.0	2.338	0.000	3	1	1	1
0343102	PL.45896	A	Consumer	7.36Y	122.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	2.338	0.000	0	0	1	1
0343112	PL.45895	A	Consumer	7.36Y	122.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	2.327	0.000	0	0	0	0
PL.42948	PL.21584	A	2ACSR	7.37Y	122.8	0.00	3.22	1.56	1	11	4	94	0.00	0.0	2.233	0.004	0	0	0	8
PD.8194	PL.42948	A	fuse6AMP	7.37Y	122.8	0.00	3.22	1.56	27	11	4	94	0.00	0.0	2.233	0.000	0	0	0	8
PL.42949	PD.8194	A	2ACSR	7.37Y	122.8	0.00	3.22	1.56	1	11	4	94	0.00	0.0	2.237	0.005	0	0	0	8
PL.30989	PL.42949	A	4ACSR	7.37Y	122.8	0.00	3.22	1.56	1	11	4	94	0.00	0.0	2.253	0.015	0	0	0	8
034387	PL.30989	A	Consumer	7.37Y	122.8	0.00	3.22	0.21	0	1	1	71	0.00	0.0	2.253	0.000	1	1	1	1
034383	PL.30989	A	Consumer	7.37Y	122.8	0.00	3.22	0.12	0	1	0	100	0.00	0.0	2.253	0.000	1	0	1	1
034386	PL.30989	A	Consumer	7.37Y	122.8	0.00	3.22	0.13	0	1	0	100	0.00	0.0	2.253	0.000	1	0	1	1
034385	PL.30989	A	Consumer	7.37Y	122.8	0.00	3.22	0.62	0	4	2	89	0.00	0.0	2.253	0.000	4	2	1	1
034382	PL.30989	A	Consumer	7.37Y	122.8	0.00	3.22	0.04	0	0	0	100	0.00	0.0	2.253	0.000	0	0	1	1
034381	PL.30989	A	Consumer	7.37Y	122.8	0.00	3.22	0.12	0	1	0	100	0.00	0.0	2.253	0.000	1	0	1	1
034384	PL.30989	A	Consumer	7.37Y	122.8	0.00	3.22	0.20	0	1	1	71	0.00	0.0	2.253	0.000	1	1	1	1
034388	PL.30989	A	Consumer	7.37Y	122.8	0.00	3.22	0.11	0	1	0	100	0.00	0.0	2.253	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.17421	PL.26028	A	4ACSR	7.37Y	122.8	0.00	3.18	9.76	8	67	26	93	0.00	0.0	2.203	0.006	0	0	0	23
PD.3415	PL.17421	A	50L	7.37Y	122.8	0.00	3.18	9.76	20	67	26	93	0.00	0.0	2.203	0.000	0	0	0	23
PL.17422	PD.3415	A	4ACSR	7.37Y	122.8	0.01	3.19	9.76	8	67	26	93	0.01	0.0	2.234	0.031	0	0	0	23
0343110	PL.17422	A	Consumer	7.37Y	122.8	0.00	3.19	0.10	0	1	0	100	0.00	0.0	2.234	0.000	1	0	1	1
034329	PL.17422	A	Consumer	7.37Y	122.8	0.00	3.19	0.54	0	4	1	97	0.00	0.0	2.234	0.000	4	1	1	1
PL.20172	PL.17422	A	4ACSR	7.36Y	122.7	0.08	3.27	9.11	8	63	24	93	0.04	0.1	2.425	0.191	0	0	0	21
PL.20171	PL.20172	A	4ACSR	7.36Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	2.441	0.016	0	0	0	0
548101	PL.20171	A	Consumer	7.36Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	2.441	0.000	0	0	0	0
PL.20173	PL.20172	A	4ACSR	7.36Y	122.6	0.13	3.40	9.11	8	63	24	93	0.06	0.1	2.729	0.304	0	0	0	21
PL.26029	PL.20173	A	4ACSR	7.36Y	122.6	0.02	3.41	8.86	7	61	24	93	0.01	0.0	2.768	0.039	0	0	0	19
034364	PL.26029	A	Consumer	7.36Y	122.6	0.00	3.41	0.73	0	5	2	93	0.00	0.0	2.768	0.000	5	2	1	1
034352	PL.26029	A	Consumer	7.36Y	122.6	0.00	3.41	0.42	0	3	1	95	0.00	0.0	2.768	0.000	3	1	1	1
034360	PL.26029	A	Consumer	7.36Y	122.6	0.00	3.41	0.10	0	1	0	100	0.00	0.0	2.768	0.000	1	0	1	1
PL.42217	PL.26029	A	4ACSR	7.36Y	122.6	0.00	3.41	5.92	5	41	16	93	0.00	0.0	2.776	0.009	0	0	0	12
PD.7650-A	PL.42217	A	Closed	7.36Y	122.6	0.00	3.41	5.92	0	41	16	93	0.00	0.0	2.776	0.000	0	0	0	12
PD.7650-B	PD.7650-A	A	Closed	7.36Y	122.6	0.00	3.41	5.92	0	41	16	93	0.00	0.0	2.776	0.000	0	0	0	12
PL.42218	PD.7650-B	A	4ACSR	7.35Y	122.6	0.01	3.43	5.92	5	41	16	93	0.00	0.0	2.824	0.048	0	0	0	12
PL.6291	PL.42218	A	4ACSR	7.35Y	122.5	0.03	3.45	4.48	4	31	12	93	0.01	0.0	2.952	0.128	0	0	0	10
034333	PL.6291	A	Consumer	7.35Y	122.5	0.00	3.45	0.18	0	1	0	100	0.00	0.0	2.952	0.000	1	0	1	1
034315	PL.6291	A	Consumer	7.35Y	122.5	0.00	3.45	0.35	0	2	1	89	0.00	0.0	2.952	0.000	2	1	1	1
034363	PL.6291	A	Consumer	7.35Y	122.5	0.00	3.45	0.05	0	0	0	100	0.00	0.0	2.952	0.000	0	0	1	1
PL.19691	PL.6291	A	4ACSR	7.35Y	122.5	0.00	3.46	3.90	3	27	10	94	0.00	0.0	2.971	0.019	0	0	0	7
034371	PL.19691	A	Consumer	7.35Y	122.5	0.00	3.46	0.61	0	4	2	89	0.00	0.0	2.971	0.000	4	2	1	1
PL.19692	PL.19691	A	4ACSR	7.35Y	122.5	0.00	3.46	3.28	3	22	9	93	0.00	0.0	2.984	0.014	0	0	0	6
PL.26031	PL.19692	A	4ACSR	7.35Y	122.5	0.00	3.46	2.94	2	20	8	93	0.00	0.0	3.020	0.036	0	0	0	5
PL.28158	PL.26031	A	4ACSR	7.35Y	122.5	0.01	3.47	2.94	2	20	8	93	0.00	0.0	3.075	0.055	0	0	0	5
PL.28159	PL.28158	A	4ACSR	7.35Y	122.5	0.02	3.49	2.94	2	20	8	93	0.00	0.0	3.208	0.133	0	0	0	5
PL.27859	PL.28159	A	4ACSR	7.35Y	122.5	0.00	3.49	1.36	1	9	4	91	0.00	0.0	3.252	0.045	0	0	0	3
PL.28160	PL.27859	A	4ACSR	7.35Y	122.5	0.00	3.50	1.36	1	9	4	91	0.00	0.0	3.313	0.061	0	0	0	3
035368	PL.28160	A	Consumer	7.35Y	122.5	0.00	3.50	1.04	0	7	3	92	0.00	0.0	3.313	0.000	7	3	1	1
PL.28161	PL.28160	A	4ACSR	7.35Y	122.5	0.00	3.50	0.31	0	2	1	89	0.00	0.0	3.371	0.058	0	0	0	2
035369	PL.28161	A	Consumer	7.35Y	122.5	0.00	3.50	0.31	0	2	1	89	0.00	0.0	3.371	0.000	2	1	1	1
035341	PL.28161	A	Consumer	7.35Y	122.5	0.00	3.50	0.01	0	0	0	100	0.00	0.0	3.371	0.000	0	0	1	1
035370	PL.28159	A	Consumer	7.35Y	122.5	0.00	3.49	0.95	0	7	3	92	0.00	0.0	3.208	0.000	7	3	1	1
035325	PL.28159	A	Consumer	7.35Y	122.5	0.00	3.49	0.63	0	4	2	89	0.00	0.0	3.208	0.000	4	2	1	1
035351	PL.28159	A	Consumer	7.35Y	122.5	0.00	3.49	0.00	0	0	0	100	0.00	0.0	3.208	0.000	0	0	0	0
034366	PL.19692	A	Consumer	7.35Y	122.5	0.00	3.46	0.34	0	2	1	89	0.00	0.0	2.984	0.000	2	1	1	1
034350	PL.42218	A	Consumer	7.35Y	122.6	0.00	3.43	0.82	0	6	2	95	0.00	0.0	2.824	0.000	6	2	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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
034349	PL.42218	A	Consumer	7.35Y	122.6	0.00	3.43	0.63	0	4	2	89	0.00	0.0	2.824	0.000	4	2	1	1
PL.42215	PL.26029	A	4ACSR	7.36Y	122.6	0.00	3.41	1.70	1	12	5	92	0.00	0.0	2.781	0.013	0	0	0	4
PD.7649	PL.42215	A	fuse6AMP	7.36Y	122.6	0.00	3.41	1.70	29	12	5	92	0.00	0.0	2.781	0.000	0	0	0	4
PL.42216	PD.7649	A	4ACSR	7.36Y	122.6	0.00	3.42	1.70	1	12	5	92	0.00	0.0	2.816	0.035	0	0	0	4
PL.21586	PL.42216	A	4ACSR	7.35Y	122.6	0.01	3.42	1.11	1	8	3	94	0.00	0.0	2.988	0.172	0	0	0	3
0343103	PL.21586	A	Consumer	7.35Y	122.6	0.00	3.42	0.76	0	5	2	93	0.00	0.0	2.988	0.000	5	2	1	1
PL.21587	PL.21586	A	4ACSR	7.35Y	122.6	0.00	3.43	0.35	0	2	1	89	0.00	0.0	3.028	0.040	0	0	0	2
034367	PL.21587	A	Consumer	7.35Y	122.6	0.00	3.43	0.25	0	2	1	89	0.00	0.0	3.028	0.000	2	1	1	1
034319	PL.21587	A	Consumer	7.35Y	122.6	0.00	3.43	0.10	0	1	0	100	0.00	0.0	3.028	0.000	1	0	1	1
PL.23266	PL.21587	A	4ACSR	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	3.380	0.352	0	0	0	0
PL.21117	PL.23266	A	4ACSR	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	3.566	0.185	0	0	0	0
PL.21217	PL.42216	A	4ACSR	7.35Y	122.6	0.00	3.42	0.58	0	4	2	89	0.00	0.0	2.863	0.047	0	0	0	1
0343101	PL.21217	A	Consumer	7.35Y	122.6	0.00	3.42	0.58	0	4	2	89	0.00	0.0	2.863	0.000	4	2	1	1
034347	PL.20173	A	Consumer	7.36Y	122.6	0.00	3.40	0.11	0	1	0	100	0.00	0.0	2.729	0.000	1	0	1	1
034348	PL.20173	A	Consumer	7.36Y	122.6	0.00	3.40	0.00	0	0	0	100	0.00	0.0	2.729	0.000	0	0	0	0
034346	PL.20173	A	Consumer	7.36Y	122.6	0.00	3.40	0.14	0	1	0	100	0.00	0.0	2.729	0.000	1	0	1	1
PL.42946	PL.25749	A	2ACSR	7.37Y	122.9	0.00	3.11	0.09	0	1	0	100	0.00	0.0	2.166	0.005	0	0	0	0
		B		7.27Y	121.1	0.00	4.91	0.09	0	1	0	90			0	0	0	0	0	
		C		7.41Y	123.4	0.00	2.58	0.09	0	1	0	90			0	0	0	0	0	
PD.8193	PL.42946	A	fuse8AMP	7.37Y	122.9	0.00	3.11	0.09	1	1	0	100	0.00	0.0	2.166	0.000	0	0	0	0
		B		7.27Y	121.1	0.00	4.91	0.09	1	1	0	90			0	0	0	0	0	
		C		7.41Y	123.4	0.00	2.58	0.09	1	1	0	90			0	0	0	0	0	
PL.42947	PD.8193	A	2ACSR	7.37Y	122.9	0.00	3.11	0.09	0	1	0	100	0.00	0.0	2.185	0.018	0	0	0	0
		B		7.27Y	121.1	0.00	4.91	0.09	0	1	0	90			0	0	0	0	0	
		C		7.41Y	123.4	0.00	2.58	0.09	0	1	0	90			0	0	0	0	0	
034359	PL.42947	A	Consumer	7.37Y	122.9	0.00	3.11	0.09	0	1	0	100	0.00	0.0	2.185	0.000	1	0	0	0
		B		7.27Y	121.1	0.00	4.91	0.09	0	1	0	90			1	0	0	0	0	
		C		7.41Y	123.4	0.00	2.58	0.09	0	1	0	90			1	0	0	0	0	
546103	PL.25747	B	Consumer	7.29Y	121.5	0.00	4.54	0.40	0	3	1	95	0.00	0.0	2.038	0.000	3	1	1	1
546107	PL.25747	B	Consumer	7.29Y	121.5	0.00	4.54	0.63	0	4	2	89	0.00	0.0	2.038	0.000	4	2	1	1
546106	PL.25747	C	Consumer	7.42Y	123.6	0.00	2.41	0.57	0	4	2	89	0.00	0.0	2.038	0.000	4	2	1	1
546102	PL.25747	B	Consumer	7.29Y	121.5	0.00	4.54	0.60	0	4	2	89	0.00	0.0	2.038	0.000	4	2	1	1
546101	PL.25747	B	Consumer	7.29Y	121.5	0.00	4.54	0.70	0	5	2	93	0.00	0.0	2.038	0.000	5	2	1	1
545206	PL.18617	C	Consumer	7.42Y	123.7	0.00	2.28	0.04	0	0	0	100	0.00	0.0	1.948	0.000	0	0	1	1
545301	PL.6971	C	Consumer	7.43Y	123.9	0.00	2.11	0.42	0	3	1	95	0.00	0.0	1.847	0.000	3	1	1	1
545433	PL.25739	C	Consumer	7.45Y	124.1	0.00	1.86	0.13	0	1	0	100	0.00	0.0	1.705	0.000	1	0	1	1
545402	PL.25739	C	Consumer	7.45Y	124.1	0.00	1.86	0.68	0	5	2	93	0.00	0.0	1.705	0.000	5	2	1	1
544406	PL.25739	B	Consumer	7.35Y	122.5	0.00	3.45	0.40	0	3	1	95	0.00	0.0	1.705	0.000	3	1	1	1
545501	PL.20125	B	Consumer	7.37Y	122.8	0.00	3.17	0.16	0	1	0	100	0.00	0.0	1.626	0.000	1	0	1	1
545434	PL.20125	A	Consumer	7.44Y	123.9	0.00	2.07	3.02	0	20	10	89	0.00	0.0	1.626	0.000	20	10	1	1
544409	PL.20125	C	Consumer	7.46Y	124.3	0.00	1.71	0.12	0	1	0	100	0.00	0.0	1.626	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\EXISTING JUL05 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.3524	PL.11274	A	2ACSR	7.44Y	124.0	0.00	1.95	0.94	1	6	3	89	0.00	0.0	1.619	0.040	0	0	0	0		
		B		7.38Y	123.0	0.00	3.00	0.95	1	6	3	90					0	0	0	0		
		C		7.46Y	124.4	0.00	1.61	0.94	1	6	3	90					0	0	0	0		
PL.11278	PL.3524	A	2ACSR	7.44Y	124.0	0.00	1.95	0.00	0	0	0	100	0.00	0.0	1.634	0.015	0	0	0	0		
		B		7.38Y	123.0	0.00	3.00	0.00	0	0	0	100					0	0	0	0		
		C		7.46Y	124.4	0.00	1.61	0.00	0	0	0	100					0	0	0	0		
PD.189-A	PL.11278	A	Open	7.44Y	124.0	0.00	1.95	0.00	0	0	0	100	0.00	0.0	1.634	0.000	0	0	0	0		
		B		7.38Y	123.0	0.00	3.00	0.00	0	0	0	100					0	0	0	0		
		C		7.46Y	124.4	0.00	1.61	0.00	0	0	0	100					0	0	0	0		
545514	PL.3524	A	Consumer	7.44Y	124.0	0.00	1.95	0.94	0	6	3	89	0.00	0.0	1.619	0.000	6	3	0	0		
		B		7.38Y	123.0	0.00	3.00	0.95	0	6	3	90					6	3	0	0		
		C		7.46Y	124.4	0.00	1.61	0.94	0	6	3	90					6	3	0	0		
545511	PL.11274	C	Consumer	7.46Y	124.4	0.00	1.61	0.00	0	0	0	100	0.00	0.0	1.579	0.000	0	0	1	1		
545513	PL.11274	C	Consumer	7.46Y	124.4	0.00	1.61	0.01	0	0	0	100	0.00	0.0	1.579	0.000	0	0	1	1		
544512	PL.11274	C	Consumer	7.46Y	124.4	0.00	1.61	0.00	0	0	0	100	0.00	0.0	1.579	0.000	0	0	1	1		
545505	PL.11274	C	Consumer	7.46Y	124.4	0.00	1.61	0.40	0	3	1	95	0.00	0.0	1.579	0.000	3	1	1	1		
544511	PL.18025	C	Consumer	7.47Y	124.6	0.00	1.42	0.08	0	1	0	100	0.00	0.0	1.487	0.000	1	0	1	1		
544502	PL.18025	C	Consumer	7.47Y	124.6	0.00	1.42	0.10	0	1	0	100	0.00	0.0	1.487	0.000	1	0	1	1		
544518	PL.18025	C	Consumer	7.47Y	124.6	0.00	1.42	0.11	0	1	0	100	0.00	0.0	1.487	0.000	1	0	1	1		
544521	PL.18025	A	Consumer	7.46Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	1.487	0.000	0	0	0	0		
544516	PL.18025	C	Consumer	7.47Y	124.6	0.00	1.42	0.32	0	2	1	89	0.00	0.0	1.487	0.000	2	1	1	2		
5445021	544516	C	Consumer	7.47Y	124.6	0.00	1.42	0.08	0	1	0	100	0.00	0.0	1.487	0.000	1	0	1	1		
544517	PL.18025	C	Consumer	7.47Y	124.6	0.00	1.42	0.23	0	2	1	89	0.00	0.0	1.487	0.000	2	1	1	1		
544515	PL.18025	A	Consumer	7.46Y	124.3	0.00	1.72	0.27	0	2	1	89	0.00	0.0	1.487	0.000	2	1	1	1		
5445023	PL.18025	C	Consumer	7.47Y	124.6	0.00	1.42	0.34	0	2	1	89	0.00	0.0	1.487	0.000	2	1	1	1		
544520	PL.18025	C	Consumer	7.47Y	124.6	0.00	1.42	0.05	0	0	0	100	0.00	0.0	1.487	0.000	0	0	1	1		
544519	PL.18025	C	Consumer	7.47Y	124.6	0.00	1.42	0.02	0	0	0	100	0.00	0.0	1.487	0.000	0	0	1	1		
543604	PL.11271	A	Consumer	7.46Y	124.4	0.00	1.63	0.89	0	6	2	95	0.00	0.0	1.416	0.000	6	2	1	1		
543609	PL.11271	A	Consumer	7.46Y	124.4	0.00	1.63	0.20	0	1	1	71	0.00	0.0	1.416	0.000	1	1	1	1		
543505	PL.11271	A	Consumer	7.46Y	124.4	0.00	1.63	0.32	0	2	1	89	0.00	0.0	1.416	0.000	2	1	1	1		
543504	PL.11271	A	Consumer	7.46Y	124.4	0.00	1.63	0.37	0	3	1	95	0.00	0.0	1.416	0.000	3	1	1	1		
543605	PL.11271	A	Consumer	7.46Y	124.4	0.00	1.63	0.18	0	1	0	100	0.00	0.0	1.416	0.000	1	0	1	1		
543507	PL.11271	A	Consumer	7.46Y	124.4	0.00	1.63	0.26	0	2	1	89	0.00	0.0	1.416	0.000	2	1	1	1		
543506	PL.11271	A	Consumer	7.46Y	124.4	0.00	1.63	0.25	0	2	1	89	0.00	0.0	1.416	0.000	2	1	1	1		
543603	PL.7379	A	Consumer	7.47Y	124.5	0.00	1.53	0.25	0	2	1	89	0.00	0.0	1.339	0.000	2	1	1	1		
543613	PL.7379	A	Consumer	7.47Y	124.5	0.00	1.53	0.07	0	0	0	100	0.00	0.0	1.339	0.000	0	0	1	1		
543606	PL.7379	A	Consumer	7.47Y	124.5	0.00	1.53	0.25	0	2	1	89	0.00	0.0	1.339	0.000	2	1	1	1		
PL.18023	PL.11269	A	4ACSR	7.47Y	124.6	0.00	1.44	6.16	5	43	17	93	0.00	0.0	1.270	0.003	0	0	0	30		
C PD.2827	PL.18023	A	fuse6AMP	7.47Y	124.6	0.00	1.44	6.16	105	43	17	93	0.00	0.0	1.270	0.000	0	0	0	30 C		
PL.18022	PD.2827	A	4ACSR	7.47Y	124.5	0.02	1.46	6.16	5	43	17	93	0.00	0.0	1.323	0.053	0	0	0	30		
PL.3528	PL.18022	A	4ACSR	7.47Y	124.5	0.00	1.46	1.56	1	11	4	94	0.00	0.0	1.341	0.018	0	0	0	9		
542624	PL.3528	A	Consumer	7.47Y	124.5	0.00	1.46	0.20	0	1	1	71	0.00	0.0	1.341	0.000	1	1	1	1		

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
542621	PL.3528	A	Consumer	7.47Y	124.5	0.00	1.46	0.04	0	0	0	100	0.00	0.0	1.341	0.000	0	0	1	1
542627	PL.3528	A	Consumer	7.47Y	124.5	0.00	1.46	0.17	0	1	0	100	0.00	0.0	1.341	0.000	1	0	1	1
542626	PL.3528	A	Consumer	7.47Y	124.5	0.00	1.46	0.15	0	1	0	100	0.00	0.0	1.341	0.000	1	0	1	1
542623	PL.3528	A	Consumer	7.47Y	124.5	0.00	1.46	0.07	0	0	0	100	0.00	0.0	1.341	0.000	0	0	1	1
542622	PL.3528	A	Consumer	7.47Y	124.5	0.00	1.46	0.13	0	1	0	100	0.00	0.0	1.341	0.000	1	0	1	1
542628	PL.3528	A	Consumer	7.47Y	124.5	0.00	1.46	0.18	0	1	1	71	0.00	0.0	1.341	0.000	1	1	1	1
542620	PL.3528	A	Consumer	7.47Y	124.5	0.00	1.46	0.42	0	3	1	95	0.00	0.0	1.341	0.000	3	1	1	1
542625	PL.3528	A	Consumer	7.47Y	124.5	0.00	1.46	0.20	0	1	1	71	0.00	0.0	1.341	0.000	1	1	1	1
PL.3510	PL.18022	A	4ACSR	7.47Y	124.5	0.00	1.46	2.93	2	20	8	93	0.00	0.0	1.351	0.027	0	0	0	18
541609	PL.3510	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
542635	PL.3510	A	Consumer	7.47Y	124.5	0.00	1.46	0.22	0	2	1	89	0.00	0.0	1.351	0.000	2	1	1	1
541608	PL.3510	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
541606	PL.3510	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
542636	PL.3510	A	Consumer	7.47Y	124.5	0.00	1.46	0.11	0	1	0	100	0.00	0.0	1.351	0.000	1	0	1	1
541604	PL.3510	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
541602	PL.3510	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
541607	PL.3510	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
541603	PL.3510	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
541605	PL.3510	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
PL.7382	PL.3510	A	4ACSR	7.47Y	124.5	0.00	1.47	2.60	2	18	7	93	0.00	0.0	1.377	0.026	0	0	0	16
542631	PL.7382	A	Consumer	7.47Y	124.5	0.00	1.47	0.15	0	1	0	100	0.00	0.0	1.377	0.000	1	0	1	1
542630	PL.7382	A	Consumer	7.47Y	124.5	0.00	1.47	0.19	0	1	1	71	0.00	0.0	1.377	0.000	1	1	1	1
542633	PL.7382	A	Consumer	7.47Y	124.5	0.00	1.47	0.19	0	1	1	71	0.00	0.0	1.377	0.000	1	1	1	1
542632	PL.7382	A	Consumer	7.47Y	124.5	0.00	1.47	0.11	0	1	0	100	0.00	0.0	1.377	0.000	1	0	1	1
542634	PL.7382	A	Consumer	7.47Y	124.5	0.00	1.47	0.06	0	0	0	100	0.00	0.0	1.377	0.000	0	0	1	1
542629	PL.7382	A	Consumer	7.47Y	124.5	0.00	1.47	0.31	0	2	1	89	0.00	0.0	1.377	0.000	2	1	1	1
PL.7381	PL.7382	A	4ACSR	7.47Y	124.5	0.00	1.47	1.59	1	11	4	94	0.00	0.0	1.411	0.035	0	0	0	10
541506	PL.7381	A	Consumer	7.47Y	124.5	0.00	1.47	0.09	0	1	0	100	0.00	0.0	1.411	0.000	1	0	1	1
541502	PL.7381	A	Consumer	7.47Y	124.5	0.00	1.47	0.16	0	1	0	100	0.00	0.0	1.411	0.000	1	0	1	1
541507	PL.7381	A	Consumer	7.47Y	124.5	0.00	1.47	0.04	0	0	0	100	0.00	0.0	1.411	0.000	0	0	1	1
541504	PL.7381	A	Consumer	7.47Y	124.5	0.00	1.47	0.15	0	1	0	100	0.00	0.0	1.411	0.000	1	0	1	1
541501	PL.7381	A	Consumer	7.47Y	124.5	0.00	1.47	0.37	0	3	1	95	0.00	0.0	1.411	0.000	3	1	1	1
541510	PL.7381	A	Consumer	7.47Y	124.5	0.00	1.47	0.05	0	0	0	100	0.00	0.0	1.411	0.000	0	0	1	1
541503	PL.7381	A	Consumer	7.47Y	124.5	0.00	1.47	0.13	0	1	0	100	0.00	0.0	1.411	0.000	1	0	1	1
541509	PL.7381	A	Consumer	7.47Y	124.5	0.00	1.47	0.26	0	2	1	89	0.00	0.0	1.411	0.000	2	1	1	1
541505	PL.7381	A	Consumer	7.47Y	124.5	0.00	1.47	0.15	0	1	0	100	0.00	0.0	1.411	0.000	1	0	1	1
541508	PL.7381	A	Consumer	7.47Y	124.5	0.00	1.47	0.18	0	1	1	71	0.00	0.0	1.411	0.000	1	1	1	1
542617	PL.18022	A	Consumer	7.47Y	124.5	0.00	1.46	0.54	0	4	1	97	0.00	0.0	1.323	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
542616	PL.18022	A	Consumer	7.47Y	124.5	0.00	1.46	0.51	0	4	1	97	0.00	0.0	1.323	0.000	4	1	1	1
542619	PL.18022	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.323	0.000	0	0	0	0
542637	PL.18022	A	Consumer	7.47Y	124.5	0.00	1.46	0.62	0	4	2	89	0.00	0.0	1.323	0.000	4	2	1	1
542615	PL.11269	B	Consumer	7.42Y	123.7	0.00	2.27	0.29	0	2	1	89	0.00	0.0	1.267	0.000	2	1	1	1
542705	PL.11269	B	Consumer	7.42Y	123.7	0.00	2.27	0.54	0	4	1	97	0.00	0.0	1.267	0.000	4	1	1	1
542602	PL.11269	B	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	1.267	0.000	0	0	0	0
542608	PL.11269	B	Consumer	7.42Y	123.7	0.00	2.27	0.11	0	1	0	100	0.00	0.0	1.267	0.000	1	0	1	1
542607	PL.11269	B	Consumer	7.42Y	123.7	0.00	2.27	0.34	0	2	1	89	0.00	0.0	1.267	0.000	2	1	1	1
542604	PL.11269	B	Consumer	7.42Y	123.7	0.00	2.27	0.74	0	5	2	93	0.00	0.0	1.267	0.000	5	2	1	1
542618	PL.11269	B	Consumer	7.42Y	123.7	0.00	2.27	0.23	0	2	1	89	0.00	0.0	1.267	0.000	2	1	1	1
542603	PL.11269	B	Consumer	7.42Y	123.7	0.00	2.27	0.20	0	1	1	71	0.00	0.0	1.267	0.000	1	1	1	1
542612	PL.11269	B	Consumer	7.42Y	123.7	0.00	2.27	0.40	0	3	1	95	0.00	0.0	1.267	0.000	3	1	1	1
5417022	PL.18702	A	Consumer	7.49Y	124.8	0.00	1.25	0.00	0	0	0	100	0.00	0.0	1.126	0.000	0	0	1	1
541721	PL.18702	A	Consumer	7.49Y	124.8	0.00	1.25	0.00	0	0	0	100	0.00	0.0	1.126	0.000	0	0	0	0
541720	PL.18702	A	Consumer	7.49Y	124.8	0.00	1.25	0.05	0	0	0	100	0.00	0.0	1.126	0.000	0	0	1	1
541714	PL.18702	A	Consumer	7.49Y	124.8	0.00	1.25	0.83	0	6	3	89	0.00	0.0	1.126	0.000	6	3	1	1
541715	PL.18702	A	Consumer	7.49Y	124.8	0.00	1.25	1.50	0	10	5	89	0.00	0.0	1.126	0.000	10	5	1	1
541701	PL.26215	A	Consumer	7.49Y	124.9	0.00	1.14	0.18	0	1	0	100	0.00	0.0	1.053	0.000	1	0	1	1
541802	PL.26215	A	Consumer	7.49Y	124.9	0.00	1.14	0.24	0	2	1	89	0.00	0.0	1.053	0.000	2	1	1	1
540701	PL.26215	A	Consumer	7.49Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	1.053	0.000	0	0	1	1
541801	PL.26215	A	Consumer	7.49Y	124.9	0.00	1.14	0.46	0	3	1	95	0.00	0.0	1.053	0.000	3	1	1	1
540811	PL.27830	A	Consumer	7.50Y	124.9	0.00	1.08	0.40	0	3	1	95	0.00	0.0	1.014	0.000	3	1	1	1
540812	PL.27830	A	Consumer	7.50Y	124.9	0.00	1.08	0.03	0	0	0	100	0.00	0.0	1.014	0.000	0	0	1	1
540804	PL.27830	A	Consumer	7.50Y	124.9	0.00	1.08	0.60	0	4	2	89	0.00	0.0	1.014	0.000	4	2	1	1
PL.18404	PL.27830	B	4ACSR	7.45Y	124.2	0.00	1.80	1.33	1	9	4	91	0.00	0.0	1.022	0.008	0	0	0	2
PD.2531	PL.18404	B	fuse6AMP	7.45Y	124.2	0.00	1.80	1.33	23	9	4	91	0.00	0.0	1.022	0.000	0	0	0	2
PL.18405	PD.2531	B	4ACSR	7.45Y	124.2	0.00	1.80	1.33	1	9	4	91	0.00	0.0	1.035	0.013	0	0	0	2
540815	PL.18405	B	Consumer	7.45Y	124.2	0.00	1.80	0.48	0	3	1	95	0.00	0.0	1.035	0.000	3	1	1	1
540813	PL.18405	B	Consumer	7.45Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	1.035	0.000	0	0	0	0
540814	PL.18405	B	Consumer	7.45Y	124.2	0.00	1.80	0.84	0	6	2	95	0.00	0.0	1.035	0.000	6	2	1	1
540816	PL.18405	B	Consumer	7.45Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	1.035	0.000	0	0	0	0
540808	PL.19912	C	Consumer	7.51Y	125.2	0.00	0.85	0.31	0	2	1	89	0.00	0.0	0.922	0.000	2	1	1	1
540810	PL.19912	C	Consumer	7.51Y	125.2	0.00	0.85	0.15	0	1	0	100	0.00	0.0	0.922	0.000	1	0	1	1
540807	PL.19912	A	Consumer	7.50Y	125.1	0.00	0.94	0.93	0	7	3	92	0.00	0.0	0.922	0.000	7	3	1	1
540805	PL.19912	A	Consumer	7.50Y	125.1	0.00	0.94	0.44	0	3	1	95	0.00	0.0	0.922	0.000	3	1	1	1
033407	PL.26214	A	Consumer	7.51Y	125.1	0.00	0.87	0.07	0	1	0	100	0.00	0.0	0.873	0.000	1	0	1	1
033477	PL.26214	A	Consumer	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	0.873	0.000	0	0	0	0
033406	PL.26214	C	Consumer	7.51Y	125.2	0.00	0.79	0.11	0	1	0	100	0.00	0.0	0.873	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
033479	PL.26214	A	Consumer	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	0.873	0.000	0	0	0	0
PL.26212	PL.26213	A	397ACSR	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	0.857	0.025	0	0	0	0
		B		7.47Y	124.5	0.00	1.46	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.75	0.00	0	0	0	100					0	0	0	0
PL.42186	PL.26212	A	397ACSR	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	0.859	0.002	0	0	0	0
		B		7.47Y	124.5	0.00	1.46	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.75	0.00	0	0	0	100					0	0	0	0
PD.7638-B	PL.42186	A	Open	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	0.859	0.000	0	0	0	0
		B		7.47Y	124.5	0.00	1.46	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.75	0.00	0	0	0	100					0	0	0	0
033416	PL.24655	B	Consumer	7.48Y	124.6	0.00	1.39	0.36	0	3	1	95	0.00	0.0	0.792	0.000	3	1	1	1
033424	PL.24655	B	Consumer	7.48Y	124.6	0.00	1.39	0.00	0	0	0	100	0.00	0.0	0.792	0.000	0	0	1	1
033412	PL.24655	B	Consumer	7.48Y	124.6	0.00	1.39	0.42	0	3	1	95	0.00	0.0	0.792	0.000	3	1	1	1
033421	PL.24655	B	Consumer	7.48Y	124.6	0.00	1.39	0.24	0	2	1	89	0.00	0.0	0.792	0.000	2	1	1	1
033487	PL.24654	B	Consumer	7.49Y	124.8	0.00	1.21	0.18	0	1	0	100	0.00	0.0	0.701	0.000	1	0	1	1
033488	PL.24654	B	Consumer	7.49Y	124.8	0.00	1.21	0.42	0	3	1	95	0.00	0.0	0.701	0.000	3	1	1	1
033489	PL.24654	B	Consumer	7.49Y	124.8	0.00	1.21	0.93	0	6	3	89	0.00	0.0	0.701	0.000	6	3	1	1
033491	PL.24654	B	Consumer	7.49Y	124.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	0.701	0.000	0	0	0	0
033490	PL.24654	C	Consumer	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	0.701	0.000	0	0	0	0
PL.28207	PL.27876	A	4ACSR	7.52Y	125.3	0.00	0.66	4.92	4	35	13	94	0.00	0.0	0.662	0.009	0	0	0	12
C PD.3091	PL.28207	A	fuse6AMP	7.52Y	125.3	0.00	0.66	4.92	84	35	13	94	0.00	0.0	0.662	0.000	0	0	0	12 C
PL.28208	PD.3091	A	4ACSR	7.52Y	125.3	0.03	0.69	4.92	4	35	13	94	0.01	0.0	0.791	0.129	0	0	0	12
PL.33865	PL.28208	A	4ACSR	7.52Y	125.3	0.03	0.71	4.92	4	34	13	93	0.01	0.0	0.912	0.121	0	0	0	12
PL.33866	PL.33865	A	4ACSR	7.52Y	125.3	0.01	0.72	4.87	4	34	13	93	0.00	0.0	0.947	0.035	0	0	0	11
033468	PL.33866	A	Consumer	7.52Y	125.3	0.00	0.72	0.82	0	6	2	95	0.00	0.0	0.947	0.000	6	2	1	1
033484	PL.33866	A	Consumer	7.52Y	125.3	0.00	0.72	0.39	0	3	1	95	0.00	0.0	0.947	0.000	3	1	1	1
PL.20150	PL.33866	A	4ACSR	7.52Y	125.3	0.02	0.75	3.66	3	26	10	93	0.00	0.0	1.093	0.146	0	0	0	9
PL.20151	PL.20150	A	4ACSR	7.52Y	125.3	0.00	0.75	3.48	3	24	10	92	0.00	0.0	1.122	0.029	0	0	0	8
PL.6309	PL.20151	A	4ACSR	7.51Y	125.2	0.02	0.77	3.48	3	24	10	92	0.00	0.0	1.229	0.106	0	0	0	8
033359	PL.6309	A	Consumer	7.51Y	125.2	0.00	0.77	0.79	0	6	2	95	0.00	0.0	1.229	0.000	6	2	1	1
033309	PL.6309	A	Consumer	7.51Y	125.2	0.00	0.77	0.29	0	2	1	89	0.00	0.0	1.229	0.000	2	1	1	1
PL.41555	PL.6309	A	4ACSR	7.51Y	125.2	0.00	0.77	2.40	2	17	7	92	0.00	0.0	1.259	0.030	0	0	0	6
PD.7482-A	PL.41555	A	Closed	7.51Y	125.2	0.00	0.77	2.40	0	17	7	92	0.00	0.0	1.259	0.000	0	0	0	6
PD.7482-B	PD.7482-A	A	Closed	7.51Y	125.2	0.00	0.77	2.40	0	17	7	92	0.00	0.0	1.259	0.000	0	0	0	6
PL.41556	PD.7482-B	A	4ACSR	7.51Y	125.2	0.01	0.78	2.40	2	17	7	92	0.00	0.0	1.309	0.050	0	0	0	6
PL.19429	PL.41556	A	4ACSR	7.51Y	125.2	0.01	0.78	1.90	2	13	5	93	0.00	0.0	1.368	0.059	0	0	0	5
033363	PL.19429	A	Consumer	7.51Y	125.2	0.00	0.78	0.46	0	3	1	95	0.00	0.0	1.368	0.000	3	1	1	1
PL.6312	PL.19429	A	4ACSR	7.51Y	125.2	0.00	0.78	1.43	1	10	4	93	0.00	0.0	1.403	0.035	0	0	0	4
033362	PL.6312	A	Consumer	7.51Y	125.2	0.00	0.78	0.03	0	0	0	100	0.00	0.0	1.403	0.000	0	0	1	1
PL.6308	PL.6312	A	4ACSR	7.51Y	125.2	0.00	0.79	1.41	1	10	4	93	0.00	0.0	1.475	0.072	0	0	0	3
PL.19685	PL.6308	A	4ACSR	7.51Y	125.2	0.00	0.79	0.81	1	6	2	95	0.00	0.0	1.532	0.056	0	0	0	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.19686	PL.19685	A	4ACSR	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	1.574	0.042	0	0	0	0
033331	PL.19686	A	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	1.574	0.000	0	0	0	0
033358	PL.19685	A	Consumer	7.51Y	125.2	0.00	0.79	0.81	0	6	2	95	0.00	0.0	1.532	0.000	6	2	1	1
033330	PL.6308	A	Consumer	7.51Y	125.2	0.00	0.79	0.14	0	1	0	100	0.00	0.0	1.475	0.000	1	0	1	1
033304	PL.6308	A	Consumer	7.51Y	125.2	0.00	0.79	0.45	0	3	1	95	0.00	0.0	1.475	0.000	3	1	1	1
033332	PL.41556	A	Consumer	7.51Y	125.2	0.00	0.78	0.50	0	4	1	97	0.00	0.0	1.309	0.000	4	1	1	1
033475	PL.20150	A	Consumer	7.52Y	125.3	0.00	0.75	0.18	0	1	0	100	0.00	0.0	1.093	0.000	1	0	1	1
0334096	PL.33865	A	Consumer	7.52Y	125.3	0.00	0.71	0.06	0	0	0	100	0.00	0.0	0.912	0.000	0	0	1	1
033405	PL.27876	C	Consumer	7.53Y	125.4	0.00	0.57	0.00	0	0	0	100	0.00	0.0	0.653	0.000	0	0	0	0
033478	PL.27876	A	Consumer	7.52Y	125.3	0.00	0.65	0.48	0	3	1	95	0.00	0.0	0.653	0.000	3	1	1	1
033401	PL.45289	B	Consumer	7.51Y	125.2	0.00	0.77	0.17	0	1	0	100	0.00	0.0	0.475	0.000	1	0	1	1
PL.41531	PL.45289	C	4ACSR	7.54Y	125.6	0.00	0.40	0.87	1	6	2	95	0.00	0.0	0.482	0.007	0	0	0	2
PD.7462	PL.41531	C	fuse6AMP	7.54Y	125.6	0.00	0.40	0.87	15	6	2	95	0.00	0.0	0.482	0.000	0	0	0	2
PL.41532	PD.7462	C	4ACSR	7.54Y	125.6	0.00	0.40	0.87	1	6	2	95	0.00	0.0	0.514	0.033	0	0	0	2
033486	PL.41532	C	Consumer	7.54Y	125.6	0.00	0.40	0.03	0	0	0	100	0.00	0.0	0.514	0.000	0	0	1	1
033428	PL.41532	C	Consumer	7.54Y	125.6	0.00	0.40	0.85	0	6	2	95	0.00	0.0	0.514	0.000	6	2	1	1
0324105	PL.45288	B	Consumer	7.53Y	125.4	0.00	0.58	0.00	0	0	0	100	0.00	0.0	0.318	0.000	0	0	0	0
032464	PL.9656	C	Consumer	7.55Y	125.9	0.00	0.10	0.54	0	4	2	89	0.00	0.0	0.097	0.000	4	2	1	1
032426	PL.9656	C	Consumer	7.55Y	125.9	0.00	0.10	0.44	0	3	1	95	0.00	0.0	0.097	0.000	3	1	1	1
032463	PL.9656	C	Consumer	7.55Y	125.9	0.00	0.10	0.54	0	4	2	89	0.00	0.0	0.097	0.000	4	2	1	1
032475	PL.9656	C	Consumer	7.55Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	0.097	0.000	0	0	1	1
032492	PL.9656	C	Consumer	7.55Y	125.9	0.00	0.10	0.07	0	0	0	100	0.00	0.0	0.097	0.000	0	0	1	1
PL.29093	FRENCHBURG	A	1/0CU	7.56Y	126.0	0.01	0.01	87.83	33	613	255	92	0.14	0.0	0.012	0.012	0	0	0	166
		B		7.56Y	126.0	0.01	0.01	73.01	28	513	205	93					0	0	0	121
		C		7.56Y	126.0	0.01	0.01	88.41	33	618	255	92					0	0	0	135
PL.32858	PL.29093	A	1/0CU	7.56Y	126.0	0.00	0.02	87.83	33	613	255	92	0.05	0.0	0.016	0.004	0	0	0	166
		B		7.56Y	126.0	0.00	0.01	73.01	28	513	205	93					0	0	0	121
		C		7.56Y	126.0	0.01	0.02	88.41	33	618	255	92					0	0	0	135
----- Feeder No. 1 (FRNBURG1) Beginning with Device PD.3890 -----																				
PD.3890	PL.32858	A	VWVE	7.56Y	126.0	0.00	0.02	87.83	0	613	255	92	0.00	0.0	0.016	0.000	0	0	0	166
		B		7.56Y	126.0	0.00	0.01	73.01	0	512	205	93					0	0	0	121
		C		7.56Y	126.0	0.00	0.02	88.41	0	618	255	92					0	0	0	135
PL.32859	PD.3890	A	1/0CU	7.56Y	126.0	0.02	0.03	87.83	33	613	255	92	0.16	0.0	0.030	0.014	0	0	0	166
		B		7.56Y	126.0	0.01	0.03	73.01	28	512	205	93					0	0	0	121
		C		7.56Y	126.0	0.02	0.04	88.41	33	618	255	92					0	0	0	135
PL.28166	PL.32859	A	1/0CU	7.56Y	126.0	0.01	0.05	87.83	33	613	255	92	0.13	0.0	0.041	0.011	0	0	0	166
		B		7.56Y	126.0	0.01	0.04	73.01	28	512	205	93					0	0	0	121
		C		7.56Y	125.9	0.01	0.05	88.41	33	618	255	92					0	0	0	135
PL.28167	PL.28166	A	1/0CU	7.56Y	125.9	0.03	0.07	87.83	33	613	255	92	0.26	0.0	0.064	0.023	0	0	0	166
		B		7.56Y	125.9	0.02	0.06	73.01	28	512	205	93					0	0	0	121
		C		7.56Y	125.9	0.03	0.08	88.02	33	615	254	92					0	0	0	134
PL.19482	PL.28167	A	1/0CU	7.55Y	125.9	0.02	0.10	74.44	28	522	211	93	0.28	0.0	0.091	0.027	0	0	0	162
		B		7.56Y	125.9	0.03	0.08	73.01	28	512	205	93					0	0	0	121
		C		7.55Y	125.9	0.03	0.12	87.44	33	611	252	92					0	0	0	133
032498	PL.19482	C	Consumer	7.55Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	0.091	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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-							% Loss	% Loss	mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW				Length (mi)	KW		
032409	PL.19482	C	Consumer	7.55Y	125.9	0.00	0.12	0.15	0	1	0	100	0.00	0.0	0.091	0.000	1	0	1	1
032425	PL.19482	C	Consumer	7.55Y	125.9	0.00	0.12	0.39	0	3	1	95	0.00	0.0	0.091	0.000	3	1	1	1
032479	PL.19482	C	Consumer	7.55Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	0.091	0.000	0	0	1	1
032443	PL.19482	C	Consumer	7.55Y	125.9	0.00	0.12	1.18	0	8	4	89	0.00	0.0	0.091	0.000	8	4	1	1
PL.19483	PL.19482	A	1/0CU	7.55Y	125.9	0.02	0.12	74.44	28	521	211	93	0.23	0.0	0.113	0.023	0	0	0	162
		B		7.55Y	125.9	0.02	0.10	73.01	28	512	205	93					0	0	0	121
		C		7.55Y	125.9	0.03	0.14	85.72	32	599	246	92					0	0	0	128
PL.4871	PL.19483	A	1/0CU	7.55Y	125.9	0.00	0.12	74.44	28	521	210	93	0.06	0.0	0.119	0.005	0	0	0	162
		B		7.55Y	125.9	0.01	0.11	73.01	28	512	204	93					0	0	0	121
		C		7.55Y	125.8	0.01	0.15	85.70	32	599	246	92					0	0	0	127
PL.40619	PL.4871	A	2ACSR	7.55Y	125.9	0.00	0.12	0.70	0	5	2	93	0.00	0.0	0.126	0.007	0	0	0	3
		C		7.55Y	125.8	0.00	0.15	2.35	2	17	6	93					0	0	0	6
PD.7237	PL.40619	A	fuse6AMP	7.55Y	125.9	0.00	0.12	0.70	12	5	2	93	0.00	0.0	0.126	0.000	0	0	0	3
		C		7.55Y	125.8	0.00	0.15	2.35	40	17	6	93					0	0	0	6
PL.40620	PD.7237	A	2ACSR	7.55Y	125.9	0.00	0.12	0.70	0	5	2	93	0.00	0.0	0.195	0.070	0	0	0	3
		C		7.55Y	125.8	0.01	0.16	2.35	2	17	6	93					0	0	0	6
032488	PL.40620	A	Consumer	7.55Y	125.9	0.00	0.12	0.05	0	0	0	100	0.00	0.0	0.195	0.000	0	0	1	1
		C		7.55Y	125.8	0.00	0.16	0.05	0	0	0	93					0	0	1	1
032472	PL.40620	A	Consumer	7.55Y	125.9	0.00	0.12	0.36	0	3	1	95	0.00	0.0	0.195	0.000	3	1	1	1
		C		7.55Y	125.8	0.00	0.16	0.36	0	3	1	93					3	1	1	1
032494	PL.40620	A	Consumer	7.55Y	125.9	0.00	0.12	0.10	0	1	0	100	0.00	0.0	0.195	0.000	1	0	1	1
		C		7.55Y	125.8	0.00	0.16	0.10	0	1	0	93					1	0	1	1
032489	PL.40620	A	Consumer	7.55Y	125.9	0.00	0.12	0.04	0	0	0	100	0.00	0.0	0.195	0.000	0	0	1	1
		C		7.55Y	125.8	0.00	0.16	0.04	0	0	0	93					0	0	1	1
0324103	PL.40620	A	Consumer	7.55Y	125.9	0.00	0.12	0.14	0	1	0	100	0.00	0.0	0.195	0.000	1	0	1	1
		C		7.55Y	125.8	0.00	0.16	0.14	0	1	0	93					1	0	1	1
PL.19486	PL.40620	C	4ACSR	7.55Y	125.8	0.00	0.16	1.66	1	12	5	92	0.00	0.0	0.248	0.053	0	0	0	3
032474	PL.19486	C	Consumer	7.55Y	125.8	0.00	0.16	0.73	0	5	2	93	0.00	0.0	0.248	0.000	5	2	1	1
032454	PL.19486	C	Consumer	7.55Y	125.8	0.00	0.16	0.43	0	3	1	95	0.00	0.0	0.248	0.000	3	1	1	1
032495	PL.19486	C	Consumer	7.55Y	125.8	0.00	0.16	0.50	0	4	1	97	0.00	0.0	0.248	0.000	4	1	1	1
C PL.18245	PL.4871	A	6ACWC	7.55Y	125.8	0.12	0.24	73.75	62	516	209	93	1.62	0.1	0.160	0.042	0	0	0	159 C
C		B		7.55Y	125.8	0.12	0.23	73.01	62	512	204	93					0	0	0	121 C
C		C		7.54Y	125.7	0.14	0.29	83.34	71	582	240	92					0	0	0	121 C
0324100	PL.18245	C	Consumer	7.54Y	125.7	0.00	0.29	0.41	0	3	1	95	0.00	0.0	0.160	0.000	3	1	1	1
C PL.18246	PL.18245	A	6ACWC	7.54Y	125.6	0.18	0.42	73.75	62	516	208	93	2.48	0.2	0.224	0.064	0	0	0	159 C
C		B		7.54Y	125.6	0.18	0.41	73.01	62	512	204	93					0	0	0	121 C
C		C		7.53Y	125.5	0.21	0.50	82.93	70	578	238	92					0	0	0	120 C
C PL.9734	PL.18246	A	6ACWC	7.51Y	125.2	0.37	0.79	73.01	62	510	206	93	5.21	0.3	0.359	0.135	0	0	0	157 C
C		B		7.51Y	125.2	0.39	0.81	73.01	62	511	204	93					0	0	0	121 C
C		C		7.50Y	125.0	0.45	0.95	82.93	70	577	238	92					0	0	0	120 C
PL.40621	PL.9734	C	4ACSR	7.50Y	125.0	0.00	0.95	0.47	0	3	1	95	0.00	0.0	0.368	0.009	0	0	0	2
PD.7238	PL.40621	C	fuse6AMP	7.50Y	125.0	0.00	0.95	0.47	8	3	1	95	0.00	0.0	0.368	0.000	0	0	0	2
PL.40622	PD.7238	C	4ACSR	7.50Y	125.0	0.00	0.95	0.47	0	3	1	95	0.00	0.0	0.401	0.033	0	0	0	2
032441	PL.40622	C	Consumer	7.50Y	125.0	0.00	0.95	0.22	0	1	1	71	0.00	0.0	0.401	0.000	1	1	1	1
032433	PL.40622	C	Consumer	7.50Y	125.0	0.00	0.95	0.25	0	2	1	89	0.00	0.0	0.401	0.000	2	1	1	1
032451	PL.40622	C	Consumer	7.50Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	0.401	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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 elements like PL.19754, 032467, 032480, PL.19755, PL.9732, PL.9733, PL.43493, PD.8275-A, PD.8275-B, PL.43494, PL.4874, PD.8273, PL.1718, PL.4877, PL.4878, PL.1719, PL.1720, PL.1721, PL.24527, 031316, 031305, PL.24528, 032427, 032401, 032414, PL.43489, PD.7242-A, PD.7242-B, PL.43490.

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\EXISTING JUL05 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						% PF	kW Loss	% Loss	mi From Src	-----Element-----		Cons Cons	
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR					mi Length (mi)	KW	KVAR	On
PL.40638	PL.43490	A	336ACSR	7.46Y	124.3	0.24	1.71	66.81	15	463	187	93	2.29	0.2	1.174	0.515	0	0	0	145
		B		7.45Y	124.1	0.33	1.90	71.62	16	497	199	93					0	0	0	115
		C		7.43Y	123.8	0.37	2.19	81.59	18	562	231	92					0	0	0	116
PL.27277	PL.40638	C	4ACSR	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	1.184	0.010	0	0	0	1
PD.1198	PL.27277	C	fuse6AMP	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	1.184	0.000	0	0	0	1
PL.27278	PD.1198	C	4ACSR	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	1.221	0.037	0	0	0	1
PL.1722	PL.27278	C	4ACSR	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	1.247	0.026	0	0	0	1
PL.1723	PL.1722	C	4ACSR	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	1.320	0.072	0	0	0	1
031423	PL.1723	C	Consumer	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	1.320	0.000	0	0	1	1
0314030	031423	C	Consumer	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	1.320	0.000	0	0	0	0
C PL.37743 C C	PL.40638	A	6ACWC	7.45Y	124.2	0.05	1.76	66.81	57	462	186	93	0.69	0.0	1.194	0.019	0	0	0	145 C
		B		7.44Y	124.0	0.06	1.96	71.62	61	496	197	93					0	0	0	115 C
		C		7.43Y	123.8	0.06	2.25	81.59	69	561	229	93					0	0	0	115 C
PD.6214-A	PL.37743	A	Closed	7.45Y	124.2	0.00	1.76	66.81	0	462	186	93	0.00	0.0	1.194	0.000	0	0	0	145
		B		7.44Y	124.0	0.00	1.96	71.62	0	495	197	93					0	0	0	115
		C		7.43Y	123.8	0.00	2.25	81.59	0	561	229	93					0	0	0	115
PD.6214-B	PD.6214-A	A	Closed	7.45Y	124.2	0.00	1.76	66.81	0	462	186	93	0.00	0.0	1.194	0.000	0	0	0	145
		B		7.44Y	124.0	0.00	1.96	71.62	0	495	197	93					0	0	0	115
		C		7.43Y	123.8	0.00	2.25	81.59	0	561	229	93					0	0	0	115
C PL.37744 C C	PD.6214-B	A	6ACWC	7.44Y	124.1	0.17	1.93	66.81	57	462	186	93	2.41	0.2	1.261	0.067	0	0	0	145 C
		B		7.43Y	123.8	0.19	2.15	71.62	61	495	197	93					0	0	0	115 C
		C		7.41Y	123.5	0.22	2.47	81.59	69	561	229	93					0	0	0	115 C
RG.11 C	PL.37744	A	1ph-100A-7	7.56Y	126.0	-1.93	-0.00	66.81	67	461	186	93	percent Boost= 1.55 Tap= 2.5							145
		B		7.56Y	126.0	-2.15	-0.00	71.62	72	495	197	93	percent Boost= 1.74 Tap= 2.8							
		C		7.56Y	126.0	-2.47	0.00	81.59	82	560	228	93	percent Boost= 2.00 Tap= 3.2							C
C PL.28134 C C	RG.11	A	6ACWC	7.55Y	125.9	0.13	0.13	65.78	56	461	186	93	1.91	0.1	1.316	0.055	0	0	0	145 C
		B		7.55Y	125.8	0.16	0.16	70.40	60	495	197	93					0	0	0	115 C
		C		7.55Y	125.8	0.18	0.18	79.99	68	560	228	93					0	0	0	115 C
PL.40617	PL.28134	B	4ACSR	7.55Y	125.8	0.00	0.16	0.73	1	5	2	93	0.00	0.0	1.320	0.004	0	0	0	3
PD.7236	PL.40617	B	fuse6AMP	7.55Y	125.8	0.00	0.16	0.73	12	5	2	93	0.00	0.0	1.320	0.000	0	0	0	3
PL.40618	PD.7236	B	4ACSR	7.55Y	125.8	0.00	0.16	0.73	1	5	2	93	0.00	0.0	1.369	0.049	0	0	0	3
PL.9730	PL.40618	B	4ACSR	7.55Y	125.8	0.00	0.16	0.73	1	5	2	93	0.00	0.0	1.500	0.131	0	0	0	2
PL.9731	PL.9730	B	4ACSR	7.55Y	125.8	0.00	0.16	0.73	1	5	2	93	0.00	0.0	1.520	0.020	0	0	0	1
031425	PL.9731	B	Consumer	7.55Y	125.8	0.00	0.16	0.73	0	5	2	93	0.00	0.0	1.520	0.000	5	2	1	1
031426	PL.9730	B	Consumer	7.55Y	125.8	0.00	0.16	0.00	0	0	0	100	0.00	0.0	1.500	0.000	0	0	1	1
031407	PL.40618	B	Consumer	7.55Y	125.8	0.00	0.16	0.00	0	0	0	100	0.00	0.0	1.369	0.000	0	0	1	1
C PL.40650 C C	PL.28134	A	6ACWC	7.54Y	125.7	0.13	0.26	65.78	56	461	185	93	1.77	0.1	1.368	0.052	0	0	0	145 C
		B		7.54Y	125.7	0.14	0.30	69.67	59	489	194	93					0	0	0	112 C
		C		7.54Y	125.7	0.17	0.34	79.99	68	559	228	93					0	0	0	115 C
PD.7244-A	PL.40650	A	Closed	7.54Y	125.7	0.00	0.26	65.78	0	460	185	93	0.00	0.0	1.368	0.000	0	0	0	145
		B		7.54Y	125.7	0.00	0.30	69.67	0	488	194	93					0	0	0	112
		C		7.54Y	125.7	0.00	0.34	79.99	0	558	228	93					0	0	0	115
PD.7244-B	PD.7244-A	A	Closed	7.54Y	125.7	0.00	0.26	65.78	0	460	185	93	0.00	0.0	1.368	0.000	0	0	0	145
		B		7.54Y	125.7	0.00	0.30	69.67	0	488	194	93					0	0	0	112
		C		7.54Y	125.7	0.00	0.34	79.99	0	558	228	93					0	0	0	115
C PL.40651 C C	PD.7244-B	A	6ACWC	7.54Y	125.6	0.12	0.38	65.78	56	460	185	93	1.74	0.1	1.418	0.051	0	0	0	145 C
		B		7.53Y	125.6	0.14	0.45	69.67	59	488	194	93					0	0	0	112 C
		C		7.53Y	125.5	0.16	0.50	79.99	68	558	228	93					0	0	0	115 C
031409	PL.40651	B	Consumer	7.53Y	125.6	0.00	0.45	0.44	0	3	1	95	0.00	0.0	1.418	0.000	3	1	1	1

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Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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 like 031411, PL.40615, PD.7235, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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							% 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
C PL.43739	PL.19708	A	6ACWC	7.41Y	123.6	0.17	2.43	62.67	53	432	174	93	2.26	0.2	2.278	0.072	0	0	0	137	C	
C		B		7.40Y	123.3	0.19	2.74	66.09	56	455	182	93					0	0	0	105	C	
C		C		7.36Y	122.7	0.22	3.28	76.77	65	525	212	93					0	0	0	113	C	
C PD.3410	PL.43739	A	70L	7.41Y	123.6	0.00	2.43	62.67	90	431	174	93	0.00	0.0	2.278	0.000	0	0	0	137	C	
C		B		7.40Y	123.3	0.00	2.74	66.09	94	454	181	93					0	0	0	105	C	
C		C		7.36Y	122.7	0.00	3.28	76.77	110	524	212	93					0	0	0	113	C	
C PL.43740	PD.3410	A	6ACWC	7.41Y	123.5	0.11	2.54	62.67	53	431	174	93	1.54	0.1	2.327	0.049	0	0	0	137	C	
C		B		7.39Y	123.1	0.13	2.87	66.09	56	454	181	93					0	0	0	105	C	
C		C		7.35Y	122.6	0.15	3.43	76.77	65	524	212	93					0	0	0	113	C	
PL.27281	PL.43740	C	4ACSR	7.35Y	122.6	0.00	3.43	15.22	13	104	41	93	0.00	0.0	2.328	0.001	0	0	0	25		
PL.27282	PL.27281	C	4ACSR	7.35Y	122.6	0.00	3.43	15.22	13	104	41	93	0.00	0.0	2.330	0.002	0	0	0	25		
PL.43741	PL.27282	C	4ACSR	7.35Y	122.6	0.01	3.44	15.22	13	104	41	93	0.01	0.0	2.346	0.016	0	0	0	25		
PD.3409	PL.43741	C	35L	7.35Y	122.6	0.00	3.44	15.22	43	104	41	93	0.00	0.0	2.346	0.000	0	0	0	25		
PL.43742	PD.3409	C	4ACSR	7.35Y	122.5	0.08	3.52	15.22	13	104	41	93	0.06	0.1	2.456	0.110	0	0	0	25		
PL.24530	PL.43742	C	4ACSR	7.35Y	122.4	0.05	3.57	14.36	12	98	38	93	0.04	0.0	2.528	0.072	0	0	0	23		
PL.9736	PL.24530	C	4ACSR	7.34Y	122.4	0.05	3.62	13.65	11	93	36	93	0.04	0.0	2.614	0.086	0	0	0	22		
PL.40597	PL.9736	C	4ACSR	7.34Y	122.3	0.03	3.65	11.26	9	77	30	93	0.02	0.0	2.677	0.063	0	0	0	20		
PD.7226-A	PL.40597	C	Closed	7.34Y	122.3	0.00	3.65	11.26	0	77	30	93	0.00	0.0	2.677	0.000	0	0	0	20		
PD.7226-B	PD.7226-A	C	Closed	7.34Y	122.3	0.00	3.65	11.26	0	77	30	93	0.00	0.0	2.677	0.000	0	0	0	20		
PL.40598	PD.7226-B	C	4ACSR	7.34Y	122.3	0.01	3.66	11.26	9	77	30	93	0.00	0.0	2.689	0.012	0	0	0	20		
PL.19614	PL.40598	C	4ACSR	7.34Y	122.3	0.05	3.71	10.57	9	72	28	93	0.03	0.0	2.788	0.099	0	0	0	19		
PL.9737	PL.19614	C	4ACSR	7.34Y	122.3	0.02	3.73	10.25	9	70	27	93	0.01	0.0	2.832	0.044	0	0	0	18		
031322	PL.9737	C	Consumer	7.34Y	122.3	0.00	3.73	1.36	0	9	4	91	0.00	0.0	2.832	0.000	9	4	1	1		
PL.9738	PL.9737	C	4ACSR	7.33Y	122.2	0.10	3.82	8.89	7	61	24	93	0.04	0.1	3.070	0.237	0	0	0	17		
PL.40599	PL.9738	C	4ACSR	7.33Y	122.2	0.00	3.83	0.69	1	5	2	93	0.00	0.0	3.078	0.009	0	0	0	1		
PD.7227	PL.40599	C	fuse6AMP	7.33Y	122.2	0.00	3.83	0.69	12	5	2	93	0.00	0.0	3.078	0.000	0	0	0	1		
PL.40600	PD.7227	C	4ACSR	7.33Y	122.2	0.00	3.83	0.69	1	5	2	93	0.00	0.0	3.130	0.052	0	0	0	1		
031328	PL.40600	C	Consumer	7.33Y	122.2	0.00	3.83	0.69	0	5	2	93	0.00	0.0	3.130	0.000	5	2	1	1		
PL.9739	PL.9738	C	4ACSR	7.33Y	122.2	0.02	3.85	8.20	7	56	22	93	0.01	0.0	3.131	0.062	0	0	0	16		
031307	PL.9739	C	Consumer	7.33Y	122.2	0.00	3.85	0.42	0	3	1	95	0.00	0.0	3.131	0.000	3	1	1	1		
0313033	PL.9739	C	Consumer	7.33Y	122.2	0.00	3.85	0.27	0	2	1	89	0.00	0.0	3.131	0.000	2	1	1	1		
PL.9740	PL.9739	C	4ACSR	7.33Y	122.1	0.02	3.86	6.54	5	45	17	94	0.01	0.0	3.186	0.054	0	0	0	12		
PL.24529	PL.9740	C	4ACSR	7.33Y	122.1	0.02	3.88	5.87	5	40	16	93	0.01	0.0	3.247	0.061	0	0	0	11		
031318	PL.24529	C	Consumer	7.33Y	122.1	0.00	3.88	0.77	0	5	2	93	0.00	0.0	3.247	0.000	5	2	1	1		
031324	PL.24529	C	Consumer	7.33Y	122.1	0.00	3.88	0.95	0	7	3	92	0.00	0.0	3.247	0.000	7	3	1	1		
PL.40611	PL.24529	C	4ACSR	7.33Y	122.1	0.01	3.89	3.09	3	21	8	93	0.00	0.0	3.316	0.070	0	0	0	7		
PD.7233-A	PL.40611	C	Closed	7.33Y	122.1	0.00	3.89	3.09	0	21	8	93	0.00	0.0	3.316	0.000	0	0	0	7		
PD.7233-B	PD.7233-A	C	Closed	7.33Y	122.1	0.00	3.89	3.09	0	21	8	93	0.00	0.0	3.316	0.000	0	0	0	7		
PL.40612	PD.7233-B	C	4ACSR	7.33Y	122.1	0.00	3.89	3.09	3	21	8	93	0.00	0.0	3.329	0.012	0	0	0	7		
PL.40607	PL.40612	C	4ACSR	7.33Y	122.1	0.00	3.89	0.14	0	1	0	100	0.00	0.0	3.333	0.005	0	0	0	1		
PD.7231	PL.40607	C	fuse6AMP	7.33Y	122.1	0.00	3.89	0.14	2	1	0	100	0.00	0.0	3.333	0.000	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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.40608	PD.7231	C	4ACSR	7.33Y	122.1	0.00	3.89	0.14	0	1	0	100	0.00	0.0	3.426	0.092	0	0	0	1	
031306	PL.40608	C	Consumer	7.33Y	122.1	0.00	3.89	0.14	0	1	0	100	0.00	0.0	3.426	0.000	1	0	1	1	
PL.9742	PL.40612	C	4ACSR	7.33Y	122.1	0.01	3.90	2.22	2	15	6	93	0.00	0.0	3.395	0.067	0	0	0	4	
031313	PL.9742	C	Consumer	7.33Y	122.1	0.00	3.90	0.90	0	6	2	95	0.00	0.0	3.395	0.000	6	2	1	1	
PL.9743	PL.9742	C	4ACSR	7.33Y	122.1	0.01	3.91	1.32	1	9	4	91	0.00	0.0	3.492	0.096	0	0	0	3	
PL.40613	PL.9743	C	4ACSR	7.33Y	122.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	3.496	0.004	0	0	0	0	
PD.7234	PL.40613	C	fuse6AMP	7.33Y	122.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	3.496	0.000	0	0	0	0	
PL.40614	PD.7234	C	4ACSR	7.33Y	122.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	3.584	0.088	0	0	0	0	
PL.9744	PL.9743	C	4ACSR	7.33Y	122.1	0.00	3.91	1.02	1	7	3	92	0.00	0.0	3.529	0.037	0	0	0	2	
031327	PL.9744	C	Consumer	7.33Y	122.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	3.529	0.000	0	0	1	1	
PL.27799	PL.9744	C	4ACSR	7.33Y	122.1	0.00	3.91	1.02	1	7	3	92	0.00	0.0	3.562	0.033	0	0	0	1	
PL.27800	PL.27799	C	4ACSR	7.33Y	122.1	0.00	3.91	1.02	1	7	3	92	0.00	0.0	3.623	0.062	0	0	0	1	
032307	PL.27800	C	Consumer	7.33Y	122.1	0.00	3.91	1.02	0	7	3	92	0.00	0.0	3.623	0.000	7	3	1	1	
032306	PL.9743	C	Consumer	7.33Y	122.1	0.00	3.91	0.30	0	2	1	89	0.00	0.0	3.492	0.000	2	1	1	1	
PL.40609	PL.40612	C	4ACSR	7.33Y	122.1	0.00	3.89	0.73	1	5	2	93	0.00	0.0	3.335	0.006	0	0	0	2	
PD.7232	PL.40609	C	fuse6AMP	7.33Y	122.1	0.00	3.89	0.73	12	5	2	93	0.00	0.0	3.335	0.000	0	0	0	2	
PL.40610	PD.7232	C	4ACSR	7.33Y	122.1	0.00	3.90	0.73	1	5	2	93	0.00	0.0	3.466	0.132	0	0	0	2	
031329	PL.40610	C	Consumer	7.33Y	122.1	0.00	3.90	0.65	0	4	2	89	0.00	0.0	3.466	0.000	4	2	1	1	
031331	PL.40610	C	Consumer	7.33Y	122.1	0.00	3.90	0.08	0	1	0	100	0.00	0.0	3.466	0.000	1	0	1	1	
PL.40605	PL.24529	C	4ACSR	7.33Y	122.1	0.00	3.88	1.06	1	7	3	92	0.00	0.0	3.259	0.012	0	0	0	2	
PD.7230	PL.40605	C	fuse6AMP	7.33Y	122.1	0.00	3.88	1.06	18	7	3	92	0.00	0.0	3.259	0.000	0	0	0	2	
PL.40606	PD.7230	C	4ACSR	7.33Y	122.1	0.00	3.88	1.06	1	7	3	92	0.00	0.0	3.329	0.070	0	0	0	2	
031323	PL.40606	C	Consumer	7.33Y	122.1	0.00	3.88	0.49	0	3	1	95	0.00	0.0	3.329	0.000	3	1	1	1	
031321	PL.40606	C	Consumer	7.33Y	122.1	0.00	3.88	0.57	0	4	2	89	0.00	0.0	3.329	0.000	4	2	1	1	
031310	PL.40606	C	Consumer	7.33Y	122.1	0.00	3.88	0.00	0	0	0	100	0.00	0.0	3.329	0.000	0	0	0	0	
031308	PL.9740	C	Consumer	7.33Y	122.1	0.00	3.86	0.67	0	5	2	93	0.00	0.0	3.186	0.000	5	2	1	1	
PL.40601	PL.9739	C	4ACSR	7.33Y	122.2	0.00	3.85	0.17	0	1	0	100	0.00	0.0	3.140	0.009	0	0	0	1	
PD.7228	PL.40601	C	fuse6AMP	7.33Y	122.2	0.00	3.85	0.17	3	1	0	100	0.00	0.0	3.140	0.000	0	0	0	1	
PL.40602	PD.7228	C	4ACSR	7.33Y	122.2	0.00	3.85	0.17	0	1	0	100	0.00	0.0	3.182	0.042	0	0	0	1	
031330	PL.40602	C	Consumer	7.33Y	122.2	0.00	3.85	0.17	0	1	0	100	0.00	0.0	3.182	0.000	1	0	1	1	
PL.40603	PL.9739	C	2ACSR	7.33Y	122.2	0.00	3.85	0.79	1	5	2	93	0.00	0.0	3.141	0.010	0	0	0	1	
PD.7229	PL.40603	C	fuse6AMP	7.33Y	122.2	0.00	3.85	0.79	13	5	2	93	0.00	0.0	3.141	0.000	0	0	0	1	
PL.40604	PD.7229	C	2ACSR	7.33Y	122.2	0.00	3.85	0.79	1	5	2	93	0.00	0.0	3.161	0.020	0	0	0	1	
031312	PL.40604	C	Consumer	7.33Y	122.2	0.00	3.85	0.79	0	5	2	93	0.00	0.0	3.161	0.000	5	2	1	1	
031304	PL.19614	C	Consumer	7.34Y	122.3	0.00	3.71	0.32	0	2	1	89	0.00	0.0	2.788	0.000	2	1	1	1	
031314	PL.19614	C	Consumer	7.34Y	122.3	0.00	3.71	0.00	0	0	0	100	0.00	0.0	2.788	0.000	0	0	0	0	
031325	PL.40598	C	Consumer	7.34Y	122.3	0.00	3.66	0.69	0	5	2	93	0.00	0.0	2.689	0.000	5	2	1	1	
031319	PL.9736	C	Consumer	7.34Y	122.4	0.00	3.62	0.00	0	0	0	100	0.00	0.0	2.614	0.000	0	0	0	0	

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
031303	PL.9736	C	Consumer	7.34Y	122.4	0.00	3.62	1.48	0	10	4	93	0.00	0.0	2.614	0.000	10	4	1	1
0313032	PL.9736	C	Consumer	7.34Y	122.4	0.00	3.62	0.90	0	6	2	95	0.00	0.0	2.614	0.000	6	2	1	1
031326	PL.9736	C	Consumer	7.34Y	122.4	0.00	3.62	0.00	0	0	0	100	0.00	0.0	2.614	0.000	0	0	0	0
031320	PL.24530	C	Consumer	7.35Y	122.4	0.00	3.57	0.71	0	5	2	93	0.00	0.0	2.528	0.000	5	2	1	1
030322	PL.43742	C	Consumer	7.35Y	122.5	0.00	3.52	0.00	0	0	0	100	0.00	0.0	2.456	0.000	0	0	0	0
030326	PL.43742	C	Consumer	7.35Y	122.5	0.00	3.52	0.00	0	0	0	100	0.00	0.0	2.456	0.000	0	0	1	1
030324	PL.43742	C	Consumer	7.35Y	122.5	0.00	3.52	0.86	0	6	2	95	0.00	0.0	2.456	0.000	6	2	1	1
PL.27285	PL.43740	A	4ACSR	7.41Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	2.327	0.000	0	0	0	0
		B		7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0			0	0	0	0
		C		7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0			0	0	0	0
030325	PL.43740	A	Consumer	7.41Y	123.5	0.00	2.54	0.51	0	4	1	97	0.00	0.0	2.327	0.000	4	1	1	1
030302	PL.43740	C	Consumer	7.35Y	122.6	0.00	3.43	0.10	0	1	0	100	0.00	0.0	2.327	0.000	1	0	1	1
030320	PL.43740	C	Consumer	7.35Y	122.6	0.00	3.43	0.99	0	7	3	92	0.00	0.0	2.327	0.000	7	3	1	1
C PL.27286	PL.43740	A	4ACSR	7.41Y	123.5	0.00	2.55	62.17	52	427	172	93	0.03	0.0	2.329	0.001	0	0	0	136 C
C		B		7.39Y	123.1	0.00	2.87	66.09	56	453	181	93					0	0	0	105 C
C		C		7.35Y	122.6	0.00	3.43	60.47	51	412	168	93					0	0	0	86 C
C PL.27284	PL.27286	A	4ACSR	7.41Y	123.4	0.00	2.55	62.17	52	427	172	93	0.04	0.0	2.330	0.002	0	0	0	136 C
C		B		7.39Y	123.1	0.00	2.88	66.09	56	453	181	93					0	0	0	105 C
C		C		7.35Y	122.6	0.00	3.44	60.47	51	412	168	93					0	0	0	86 C
C PL.28168	PL.27284	A	6ACWC	7.39Y	123.2	0.24	2.79	62.17	53	427	172	93	2.48	0.2	2.425	0.095	0	0	0	136 C
C		B		7.37Y	122.9	0.25	3.13	66.09	56	453	181	93					0	0	0	105 C
C		C		7.34Y	122.3	0.22	3.66	60.47	51	412	168	93					0	0	0	86 C
C PL.20745	PL.28168	A	6ACWC	7.36Y	122.6	0.63	3.41	62.17	53	426	172	93	6.62	0.5	2.678	0.253	0	0	0	136 C
C		B		7.33Y	122.2	0.66	3.79	66.09	56	452	181	93					0	0	0	105 C
C		C		7.31Y	121.8	0.59	4.24	60.47	51	411	168	93					0	0	0	86 C
PL.9724	PL.20745	B	4ACSR	7.33Y	122.2	0.00	3.79	0.22	0	2	1	89	0.00	0.0	2.707	0.029	0	0	0	1
459319	PL.9724	B	Consumer	7.33Y	122.2	0.00	3.79	0.00	0	0	0	100	0.00	0.0	2.707	0.000	0	0	0	0
030301	PL.9724	B	Consumer	7.33Y	122.2	0.00	3.79	0.00	0	0	0	100	0.00	0.0	2.707	0.000	0	0	0	0
PL.9725	PL.9724	B	4ACSR	7.33Y	122.2	0.00	3.79	0.22	0	2	1	89	0.00	0.0	2.777	0.069	0	0	0	1
030303	PL.9725	B	Consumer	7.33Y	122.2	0.00	3.79	0.22	0	2	1	89	0.00	0.0	2.777	0.000	2	1	1	1
PL.1715	PL.20745	B	4ACSR	7.33Y	122.2	0.00	3.79	0.55	0	4	1	97	0.00	0.0	2.706	0.028	0	0	0	1
PL.2912	PL.1715	B	4ACSR	7.33Y	122.2	0.00	3.79	0.55	0	4	1	97	0.00	0.0	2.733	0.027	0	0	0	1
459324	PL.2912	B	Consumer	7.33Y	122.2	0.00	3.79	0.55	0	4	1	97	0.00	0.0	2.733	0.000	4	1	1	1
C PL.9723	PL.20745	A	6ACWC	7.35Y	122.5	0.07	3.48	62.17	53	424	171	93	0.71	0.1	2.706	0.027	0	0	0	136 C
C		B		7.33Y	122.1	0.07	3.86	65.32	55	445	178	93					0	0	0	103 C
C		C		7.30Y	121.7	0.06	4.31	60.47	51	409	167	93					0	0	0	86 C
C PL.9720	PL.9723	A	6ACWC	7.35Y	122.5	0.06	3.55	62.17	53	424	171	93	0.68	0.1	2.732	0.026	0	0	0	136 C
C		B		7.32Y	122.1	0.07	3.92	65.32	55	445	178	93					0	0	0	103 C
C		C		7.30Y	121.6	0.06	4.37	60.47	51	409	167	93					0	0	0	86 C
C PL.9721	PL.9720	A	6ACWC	7.34Y	122.3	0.15	3.69	62.17	53	424	171	93	1.55	0.1	2.791	0.060	0	0	0	136 C
C		B		7.32Y	121.9	0.15	4.08	65.32	55	444	178	93					0	0	0	103 C
C		C		7.29Y	121.5	0.14	4.51	60.47	51	409	167	93					0	0	0	86 C
C PL.9722	PL.9721	A	6ACWC	7.31Y	121.9	0.40	4.10	62.17	53	423	171	93	4.17	0.3	2.954	0.162	0	0	0	136 C
C		B		7.29Y	121.5	0.41	4.49	64.58	55	439	175	93					0	0	0	102 C
C		C		7.27Y	121.1	0.38	4.88	60.47	51	408	167	93					0	0	0	86 C
PL.28110	PL.9722	C	4ACSR	7.27Y	121.1	0.00	4.88	0.93	1	6	2	95	0.00	0.0	2.959	0.005	0	0	0	1
PD.1515	PL.28110	C	fuse6AMP	7.27Y	121.1	0.00	4.88	0.93	16	6	2	95	0.00	0.0	2.959	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.28111, PL.459301, etc., and a summary for PL.40908.

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.7288-B, C PL.40909, PL.41717, PD.7504, PL.41718, 459317, 459321, C PL.9478, 458321, PL.27347, PD.1517, PL.27263, PL.7040, 458322, 458348, C PL.9479, C PL.7024, C PL.9718, C PL.33045, 458342, 458350, 458338, C PL.33046, C PL.41719, 458318, 458331, C PL.41720, PL.41773.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

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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 PD.7516, PL.41774, 4583063, 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
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.7279-B, PL.40893, 457314, PL.9471, PL.19583, PL.19584, L PL.41760, L PD.7510, L PL.41761, L PL.2913, L 457343, L 457320, PL.9470, RG.16, OH48, 457334, 457317, 457322, 457319, PL.7037, PL.15561, PL.15562, PL.9468, PL.9469, 456360, PL.9745.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
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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		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss			KW	KVAR		
PL.16891	PL.9745	B	4ACSR	7.50Y	125.0	0.00	1.02	1.83	2	13	5	93	0.00	0.0	5.610	0.007	0	0	0	2
PD.1061	PL.16891	B	fuse6AMP	7.50Y	125.0	0.00	1.02	1.83	31	13	5	93	0.00	0.0	5.610	0.000	0	0	0	2
PL.16892	PD.1061	B	4ACSR	7.50Y	125.0	0.00	1.03	1.83	2	13	5	93	0.00	0.0	5.660	0.051	0	0	0	2
456354	PL.16892	B	Consumer	7.50Y	125.0	0.00	1.03	1.51	0	11	4	94	0.00	0.0	5.660	0.000	11	4	1	1
456363	PL.16892	B	Consumer	7.50Y	125.0	0.00	1.03	0.32	0	2	1	89	0.00	0.0	5.660	0.000	2	1	1	1
PL.9746	PL.9745	B	4ACSR	7.50Y	125.0	0.02	1.04	35.21	30	246	96	93	0.03	0.0	5.612	0.009	0	0	0	55
		C		7.56Y	126.0	-0.00	0.01	4.11	3	29	11	93			0	0	0	0	8	
PL.9747	PL.9746	B	4ACSR	7.50Y	124.9	0.01	1.05	35.21	30	246	96	93	0.02	0.0	5.620	0.008	0	0	0	55
		C		7.56Y	126.0	-0.00	0.01	4.11	3	29	11	93			0	0	0	0	8	
PL.16885	PL.9747	B	4ACSR	7.50Y	124.9	0.00	1.05	35.21	30	246	96	93	0.00	0.0	5.621	0.001	0	0	0	55
		C		7.56Y	126.0	-0.00	0.01	4.11	3	29	11	93			0	0	0	0	8	
PL.16886	PL.16885	B	4ACSR	7.49Y	124.9	0.04	1.09	35.21	30	246	96	93	0.07	0.0	5.643	0.022	0	0	0	55
		C		7.56Y	126.0	-0.00	0.00	2.57	2	18	7	93			0	0	0	0	7	
PL.16889	PL.16886	B	4ACSR	7.49Y	124.9	0.00	1.09	0.99	1	7	3	92	0.00	0.0	5.646	0.003	0	0	0	1
PD.1058	PL.16889	B	fuse6AMP	7.49Y	124.9	0.00	1.09	0.99	17	7	3	92	0.00	0.0	5.646	0.000	0	0	0	1
PL.16890	PD.1058	B	4ACSR	7.49Y	124.9	0.01	1.10	0.99	1	7	3	92	0.00	0.0	5.960	0.314	0	0	0	1
456357	PL.16890	B	Consumer	7.49Y	124.9	0.00	1.10	0.99	0	7	3	92	0.00	0.0	5.960	0.000	7	3	1	1
PL.9748	PL.16886	B	4ACSR	7.49Y	124.9	0.05	1.14	34.21	29	239	93	93	0.09	0.0	5.677	0.034	0	0	0	54
		C		7.56Y	126.0	-0.01	-0.01	2.57	2	18	7	93			0	0	0	0	7	
PL.16887	PL.9748	B	4ACSR	7.49Y	124.9	0.00	1.14	1.64	1	11	4	94	0.00	0.0	5.678	0.002	0	0	0	2
PD.1060	PL.16887	B	fuse6AMP	7.49Y	124.9	0.00	1.14	1.64	28	11	4	94	0.00	0.0	5.678	0.000	0	0	0	2
PL.16888	PD.1060	B	4ACSR	7.49Y	124.9	0.00	1.14	1.64	1	11	4	94	0.00	0.0	5.679	0.001	0	0	0	2
PL.23517	PL.16888	B	4ACSR	7.49Y	124.9	0.00	1.14	0.65	1	5	2	93	0.00	0.0	5.740	0.061	0	0	0	1
456256	PL.23517	B	Consumer	7.49Y	124.9	0.00	1.14	0.65	0	5	2	93	0.00	0.0	5.740	0.000	5	2	1	1
PL.23017	PL.16888	B	4ACSR	7.49Y	124.9	0.00	1.14	0.99	1	7	3	92	0.00	0.0	5.739	0.060	0	0	0	1
456251	PL.23017	B	Consumer	7.49Y	124.9	0.00	1.14	0.99	0	7	3	92	0.00	0.0	5.739	0.000	7	3	1	1
PL.9749	PL.9748	B	4ACSR	7.49Y	124.8	0.10	1.24	32.58	27	227	89	93	0.17	0.1	5.744	0.067	0	0	0	52
		C		7.56Y	126.0	-0.01	-0.02	2.57	2	18	7	93			0	0	0	0	7	
PL.9750	PL.9749	B	4ACSR	7.47Y	124.6	0.18	1.42	31.22	26	218	85	93	0.28	0.1	5.866	0.123	0	0	0	50
		C		7.56Y	126.0	-0.02	-0.04	2.24	2	16	6	93			0	0	0	0	6	
456220	PL.9750	C	Consumer	7.56Y	126.0	0.00	-0.04	0.15	0	1	0	100	0.00	0.0	5.866	0.000	1	0	1	1
456225	PL.9750	C	Consumer	7.56Y	126.0	0.00	-0.04	0.11	0	1	0	100	0.00	0.0	5.866	0.000	1	0	1	1
456209	PL.9750	C	Consumer	7.56Y	126.0	0.00	-0.04	0.64	0	4	2	89	0.00	0.0	5.866	0.000	4	2	1	1
PL.9751	PL.9750	B	4ACSR	7.47Y	124.5	0.13	1.54	31.22	26	217	85	93	0.20	0.1	5.954	0.087	0	0	0	50
		C		7.56Y	126.1	-0.02	-0.07	1.34	1	9	4	93			0	0	0	0	3	
PL.9752	PL.9751	B	4ACSR	7.47Y	124.5	0.00	1.54	5.56	5	39	15	93	0.00	0.0	5.954	0.001	0	0	0	6
		C		7.56Y	126.1	0.00	-0.07	1.34	1	9	4	93			0	0	0	0	3	
PL.13605	PL.9752	B	4ACSR	7.47Y	124.4	0.03	1.57	5.56	5	39	15	93	0.01	0.0	6.075	0.121	0	0	0	6
		C		7.56Y	126.1	0.00	-0.06	1.34	1	9	4	93			0	0	0	0	3	
PL.41762	PL.13605	B	4ACSR	7.47Y	124.4	0.00	1.57	3.91	3	27	11	93	0.00	0.0	6.077	0.002	0	0	0	4
PD.7511	PL.41762	B	fuse6AMP	7.47Y	124.4	0.00	1.57	3.91	67	27	11	93	0.00	0.0	6.077	0.000	0	0	0	4
PL.41765	PD.7511	B	4ACSR	7.47Y	124.4	0.00	1.58	3.91	3	27	11	93	0.00	0.0	6.079	0.002	0	0	0	4
PL.41766	PL.41765	B	4ACSR	7.46Y	124.4	0.01	1.58	2.28	2	16	6	94	0.00	0.0	6.172	0.093	0	0	0	2

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Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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
456206	PL.41766	B	Consumer	7.46Y	124.4	0.00	1.58	0.93	0	6	3	89	0.00	0.0	6.172	0.000	6	3	1	1
PL.22533	PL.41766	B	4ACSR	7.46Y	124.4	0.00	1.58	1.35	1	9	4	91	0.00	0.0	6.173	0.001	0	0	0	1
PL.22331	PL.22533	B	4ACSR	7.46Y	124.4	0.01	1.59	1.35	1	9	4	91	0.00	0.0	6.281	0.108	0	0	0	1
456244	PL.22331	B	Consumer	7.46Y	124.4	0.00	1.59	1.35	0	9	4	91	0.00	0.0	6.281	0.000	9	4	1	1
PL.41764	PL.41765	B	4ACSR	7.47Y	124.4	0.01	1.58	1.63	1	11	4	94	0.00	0.0	6.166	0.086	0	0	0	2
456217	PL.41764	B	Consumer	7.47Y	124.4	0.00	1.58	0.76	0	5	2	93	0.00	0.0	6.166	0.000	5	2	1	1
456247	PL.41764	B	Consumer	7.47Y	124.4	0.00	1.58	0.87	0	6	2	95	0.00	0.0	6.166	0.000	6	2	1	1
PL.13606	PL.13605	B	4ACSR	7.46Y	124.4	0.01	1.59	1.65	1	11	4	94	0.00	0.0	6.233	0.158	0	0	0	2
		C		7.56Y	126.1	0.01	-0.06	1.34	1	9	4	93					0	0	0	3
PL.40282	PL.13606	C	4ACSR	7.56Y	126.1	0.00	-0.06	0.70	1	5	2	93	0.00	0.0	6.236	0.003	0	0	0	1
PD.7134	PL.40282	C	fuse6AMP	7.56Y	126.1	0.00	-0.06	0.70	12	5	2	93	0.00	0.0	6.236	0.000	0	0	0	1
PL.40283	PD.7134	C	4ACSR	7.56Y	126.1	0.00	-0.05	0.70	1	5	2	93	0.00	0.0	6.333	0.097	0	0	0	1
456216	PL.40283	C	Consumer	7.56Y	126.1	0.00	-0.05	0.00	0	0	0	100	0.00	0.0	6.333	0.000	0	0	0	0
456224	PL.40283	C	Consumer	7.56Y	126.1	0.00	-0.05	0.70	0	5	2	93	0.00	0.0	6.333	0.000	5	2	1	1
PL.13607	PL.13606	B	4ACSR	7.46Y	124.4	0.01	1.60	1.65	1	11	4	94	0.00	0.0	6.419	0.186	0	0	0	2
		C		7.56Y	126.1	0.00	-0.05	0.64	1	5	2	93					0	0	0	2
PL.41767	PL.13607	B	4ACSR	7.46Y	124.4	0.00	1.60	1.03	1	7	3	92	0.00	0.0	6.423	0.004	0	0	0	1
PD.7512	PL.41767	B	fuse6AMP	7.46Y	124.4	0.00	1.60	1.03	18	7	3	92	0.00	0.0	6.423	0.000	0	0	0	1
PL.41768	PD.7512	B	4ACSR	7.46Y	124.4	0.00	1.60	1.03	1	7	3	92	0.00	0.0	6.488	0.065	0	0	0	1
456231	PL.41768	B	Consumer	7.46Y	124.4	0.00	1.60	1.03	0	7	3	92	0.00	0.0	6.488	0.000	7	3	1	1
PL.21236	PL.13607	B	4ACSR	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	6.460	0.041	0	0	0	0
		C		7.56Y	126.1	0.00	-0.05	0.64	1	5	2	93					0	0	0	2
456223	PL.21236	C	Consumer	7.56Y	126.1	0.00	-0.05	0.00	0	0	0	100	0.00	0.0	6.460	0.000	0	0	0	0
PL.22595	PL.21236	B	4ACSR	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	6.501	0.041	0	0	0	0
		C		7.56Y	126.1	0.00	-0.05	0.64	1	5	2	93					0	0	0	2
456232	PL.22595	C	Consumer	7.56Y	126.1	0.00	-0.05	0.60	0	4	2	89	0.00	0.0	6.501	0.000	4	2	1	1
456240	PL.22595	C	Consumer	7.56Y	126.1	0.00	-0.05	0.04	0	0	0	100	0.00	0.0	6.501	0.000	0	0	1	1
PL.40889	PL.22595	B	4ACSR	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	6.548	0.047	0	0	0	0
		C		7.56Y	126.1	0.00	-0.05	0.00	0	0	0	100					0	0	0	0
PD.7276-B	PL.40889	B	Open	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	6.548	0.000	0	0	0	0
		C		7.56Y	126.1	0.00	-0.05	0.00	0	0	0	100					0	0	0	0
456230	PL.13607	B	Consumer	7.46Y	124.4	0.00	1.60	0.62	0	4	2	89	0.00	0.0	6.419	0.000	4	2	1	1
456203	PL.13607	B	Consumer	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	6.419	0.000	0	0	0	0
PL.7018	PL.9751	C	4ACSR	7.56Y	126.1	0.00	-0.07	0.00	0	0	0	100	0.00	0.0	5.955	0.001	0	0	0	0
PL.28657	PL.7018	C	4ACSR	7.56Y	126.1	0.00	-0.07	0.00	0	0	0	100	0.00	0.0	6.022	0.067	0	0	0	0
456208	PL.28657	C	Consumer	7.56Y	126.1	0.00	-0.07	0.00	0	0	0	100	0.00	0.0	6.022	0.000	0	0	0	0
PL.32789	PL.28657	C	4ACSR	7.56Y	126.1	0.00	-0.07	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	124.4	0.01	1.55	25.66	22	178	70	93	0.01	0.0	5.962	0.008	0	0	0	44
PD.3525	PL.13603	B	50L	7.47Y	124.4	0.00	1.55	25.66	51	178	70	93	0.00	0.0	5.962	0.000	0	0	0	44
PL.13604	PD.3525	B	4ACSR	7.46Y	124.4	0.04	1.59	25.66	22	178	70	93	0.05	0.0	5.994	0.032	0	0	0	44
PL.41040	PL.13604	B	4ACSR	7.46Y	124.4	0.00	1.59	0.45	0	3	1	95	0.00	0.0	5.998	0.004	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	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
PD.7334	PL.41040	B	fuse6AMP	7.46Y	124.4	0.00	1.59	0.45	8	3	1	95	0.00	0.0	5.998	0.000	0	0	0	1
PL.41041	PD.7334	B	4ACSR	7.46Y	124.4	0.00	1.59	0.45	0	3	1	95	0.00	0.0	6.032	0.034	0	0	0	1
456239	PL.41041	B	Consumer	7.46Y	124.4	0.00	1.59	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	1.70	25.20	21	175	68	93	0.15	0.1	6.090	0.096	0	0	0	43
PL.9754	PL.9753	B	4ACSR	7.45Y	124.2	0.05	1.75	23.13	19	161	63	93	0.06	0.0	6.139	0.049	0	0	0	40
PL.41042	PL.9754	B	4ACSR	7.45Y	124.2	0.00	1.75	1.32	1	9	4	91	0.00	0.0	6.143	0.004	0	0	0	1
PD.7335	PL.41042	B	fuse6AMP	7.45Y	124.2	0.00	1.75	1.32	22	9	4	91	0.00	0.0	6.143	0.000	0	0	0	1
PL.41043	PD.7335	B	4ACSR	7.45Y	124.2	0.00	1.76	1.32	1	9	4	91	0.00	0.0	6.213	0.070	0	0	0	1
4562065	PL.41043	B	Consumer	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	6.213	0.000	0	0	0	0
456254	PL.41043	B	Consumer	7.45Y	124.2	0.00	1.76	1.32	0	9	4	91	0.00	0.0	6.213	0.000	9	4	1	1
PL.9755	PL.9754	B	4ACSR	7.45Y	124.2	0.03	1.78	21.82	18	152	59	93	0.03	0.0	6.165	0.026	0	0	0	39
PL.9756	PL.9755	B	4ACSR	7.45Y	124.1	0.09	1.87	19.19	16	133	52	93	0.09	0.1	6.273	0.108	0	0	0	36
PL.9757	PL.9756	B	4ACSR	7.44Y	124.1	0.05	1.93	16.92	14	117	46	93	0.05	0.0	6.341	0.068	0	0	0	33
456201	PL.9757	B	Consumer	7.44Y	124.1	0.00	1.93	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	124.0	0.04	1.97	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	124.0	0.00	1.97	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	1.99	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	2.00	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	2.00	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	2.00	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	2.00	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	2.01	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	2.01	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	2.01	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	2.02	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	2.02	0.80	0	6	2	95	0.00	0.0	6.788	0.000	6	2	1	1
PL.45983	PL.45984	B	1/0EPRJCN	7.44Y	124.0	-0.00	2.01	-0.02	0	0	0	100	0.00	0.0	6.635	0.040	0	0	0	0
4572029	PL.45983	B	Consumer	7.44Y	124.0	0.00	2.01	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	2.04	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	2.04	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	2.04	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	2.04	0.70	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	2.04	0.70	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	2.04	0.70	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	2.04	0.70	0	5	2	93	0.00	0.0	6.593	0.000	5	2	1	1
PL.7038	PL.9762	B	4ACSR	7.43Y	123.9	0.07	2.11	12.08	10	84	33	93	0.04	0.0	6.616	0.119	0	0	0	25
457208	PL.7038	B	Consumer	7.43Y	123.9	0.00	2.11	0.54	0	4	1	97	0.00	0.0	6.616	0.000	4	1	1	1
457223	PL.7038	B	Consumer	7.43Y	123.9	0.00	2.11	0.97	0	7	3	92	0.00	0.0	6.616	0.000	7	3	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.9763	PL.7038	B	4ACSR	7.43Y	123.9	0.04	2.14	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	123.8	0.02	2.16	7.70	6	53	21	93	0.01	0.0	6.744	0.049	0	0	0	20
457221	PL.9764	B	Consumer	7.43Y	123.8	0.00	2.16	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	123.8	0.00	2.16	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	123.8	0.00	2.16	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	123.8	0.01	2.17	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	123.8	0.00	2.17	0.82	1	6	2	95	0.00	0.0	6.786	0.009	0	0	0	1
PD.7345	PL.41063	B	fuse6AMP	7.43Y	123.8	0.00	2.17	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	123.8	0.00	2.18	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	123.8	0.00	2.18	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	123.8	0.00	2.17	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	123.8	0.00	2.17	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	2.19	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	2.20	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	2.20	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	2.20	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	2.20	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	2.20	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	2.20	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	2.21	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	2.21	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	2.22	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	2.22	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	2.22	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	2.22	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	2.22	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	2.22	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	2.23	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	2.24	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	2.24	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	2.24	1.98	2	14	5	94	0.00	0.0	7.183	0.029	0	0	0	3
PL.6549	PL.22189	B	4ACSR	7.42Y	123.7	0.01	2.26	1.14	1	8	3	94	0.00	0.0	7.446	0.263	0	0	0	2
PL.6550	PL.6549	B	4ACSR	7.42Y	123.7	0.00	2.26	1.03	1	7	3	92	0.00	0.0	7.525	0.079	0	0	0	1
446913	PL.6550	B	Consumer	7.42Y	123.7	0.00	2.26	1.03	0	7	3	92	0.00	0.0	7.525	0.000	7	3	1	1
446914	PL.6549	B	Consumer	7.42Y	123.7	0.00	2.26	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	2.24	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	2.24	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	2.22	1.22	1	8	3	94	0.00	0.0	6.984	0.007	0	0	0	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PD.7347	PL.41065	B	fuse6AMP	7.43Y	123.8	0.00	2.22	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	2.23	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	2.23	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	2.23	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	2.23	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	2.23	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	2.23	0.00	0	0	0	100	0.00	0.0	7.670	0.000	0	0	0	0
PL.29628	PL.22188	B	4ACSR	7.43Y	123.8	0.00	2.23	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	2.23	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	2.23	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	2.23	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	2.25	1.55	1	11	4	94	0.00	0.0	7.352	0.282	0	0	0	5
PL.23321	PL.21445	B	4ACSR	7.42Y	123.7	0.00	2.25	0.82	1	6	2	95	0.00	0.0	7.429	0.077	0	0	0	3
PL.22535	PL.23321	B	4ACSR	7.42Y	123.7	0.00	2.25	0.82	1	6	2	95	0.00	0.0	7.485	0.056	0	0	0	3
PL.24025	PL.22535	B	4ACSR	7.42Y	123.7	0.02	2.27	0.82	1	6	2	95	0.00	0.0	7.904	0.419	0	0	0	3
PL.24026	PL.24025	B	4ACSR	7.42Y	123.7	0.00	2.28	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	7.42Y	123.7	0.00	2.28	0.51	0	4	1	97	0.00	0.0	8.073	0.040	0	0	0	2
4469017	PL.32989	B	Consumer	7.42Y	123.7	0.00	2.28	0.36	0	2	1	89	0.00	0.0	8.073	0.000	2	1	1	1
4469015	PL.32989	B	Consumer	7.42Y	123.7	0.00	2.28	0.16	0	1	0	100	0.00	0.0	8.073	0.000	1	0	1	1
446905	PL.24026	B	Consumer	7.42Y	123.7	0.00	2.28	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	2.25	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	2.25	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	2.23	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	2.22	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	2.21	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	2.21	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	2.19	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	2.14	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	2.14	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	2.14	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	2.15	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	2.15	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	2.15	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	2.15	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	2.00	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	2.00	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	2.00	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	2.01	1.05	1	7	3	92	0.00	0.0	6.499	0.049	0	0	0	2

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						
456226	PL.41050	B	Consumer	7.44Y	124.0	0.00	2.01	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	2.01	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	124.1	0.00	1.87	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	124.1	0.00	1.87	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	1.88	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	1.88	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	1.88	0.23	0	2	1	89	0.00	0.0	6.439	0.000	2	1	1	1		
456202	PL.9756	B	Consumer	7.45Y	124.1	0.00	1.87	1.37	0	10	4	93	0.00	0.0	6.273	0.000	10	4	1	1		
4562066	PL.9755	B	Consumer	7.45Y	124.2	0.00	1.78	0.00	0	0	0	100	0.00	0.0	6.165	0.000	0	0	0	0		
456250	PL.9755	B	Consumer	7.45Y	124.2	0.00	1.78	1.14	0	8	3	94	0.00	0.0	6.165	0.000	8	3	1	1		
456255	PL.9755	B	Consumer	7.45Y	124.2	0.00	1.78	0.48	0	3	1	95	0.00	0.0	6.165	0.000	3	1	1	1		
456252	PL.9755	B	Consumer	7.45Y	124.2	0.00	1.78	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	1.70	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	1.70	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	1.70	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	1.70	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	1.70	0.00	0	0	0	100	0.00	0.0	6.153	0.000	0	0	0	0		
PL.21465	PL.9749	C	4ACSR	7.56Y	126.0	0.00	-0.02	0.33	0	2	1	89	0.00	0.0	5.758	0.015	0	0	0	1		
PD.1057	PL.21465	C	fuse6AMP	7.56Y	126.0	0.00	-0.02	0.33	6	2	1	89	0.00	0.0	5.758	0.000	0	0	0	1		
PL.21466	PD.1057	C	4ACSR	7.56Y	126.0	0.00	-0.02	0.33	0	2	1	89	0.00	0.0	5.841	0.083	0	0	0	1		
456211	PL.21466	C	Consumer	7.56Y	126.0	0.00	-0.02	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	1.24	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	1.24	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	1.25	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	1.25	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	1.25	0.19	0	1	1	71	0.00	0.0	5.830	0.000	1	1	1	1		
PL.21604	PL.16885	C	4ACSR	7.56Y	126.0	0.00	0.01	1.54	1	11	4	94	0.00	0.0	5.631	0.010	0	0	0	1		
PD.1064	PL.21604	C	fuse6AMP	7.56Y	126.0	0.00	0.01	1.54	26	11	4	94	0.00	0.0	5.631	0.000	0	0	0	1		
PL.21605	PD.1064	C	4ACSR	7.56Y	126.0	0.00	0.01	1.54	1	11	4	94	0.00	0.0	5.652	0.021	0	0	0	1		
456362	PL.21605	C	Consumer	7.56Y	126.0	0.00	0.01	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	0.20	0.00	0	0	0	100	0.00	0.0	5.120	0.000	0	0	0	0		
457303	PL.7037	C	Consumer	7.55Y	125.9	0.00	0.09	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	0.01	0.05	21.46	18	151	60	93	0.06	0.0	5.095	0.013	0	0	0	56		
		B		7.55Y	125.9	0.01	0.14	13.61	12	95	40	92					0	0	0	21		
		C		7.55Y	125.9	0.02	0.12	38.06	32	267	107	93					0	0	0	59		
PL.27917	PL.20617	A	6ACWC	7.56Y	125.9	0.01	0.05	21.46	18	151	60	93	0.06	0.0	5.107	0.012	0	0	0	56		
		B		7.55Y	125.9	0.01	0.15	13.61	12	95	40	92					0	0	0	21		
		C		7.55Y	125.9	0.02	0.14	38.06	32	267	107	93					0	0	0	59		
PD.411-A	PL.27917	A	Closed	7.56Y	125.9	0.00	0.05	21.46	0	151	60	93	0.00	0.0	5.107	0.000	0	0	0	56		
		B		7.55Y	125.9	0.00	0.15	13.61	0	95	40	92					0	0	0	21		
		C		7.55Y	125.9	0.00	0.14	38.06	0	267	107	93					0	0	0	59		

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 various elements like PD.411-B, PL.40890, PD.7277, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW		Cons		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	On	Thru
PL.41024	PL.9831	C	4ACSR	7.51Y	125.2	0.00	0.84	0.92	1	6	3	89	0.00	0.0	5.546	0.009	0	0	0	2
PD.7326	PL.41024	C	fuse6AMP	7.51Y	125.2	0.00	0.84	0.92	16	6	3	89	0.00	0.0	5.546	0.000	0	0	0	2
PL.41025	PD.7326	C	4ACSR	7.51Y	125.2	0.00	0.85	0.92	1	6	3	89	0.00	0.0	5.608	0.062	0	0	0	2
456367	PL.41025	C	Consumer	7.51Y	125.2	0.00	0.85	0.00	0	0	0	100	0.00	0.0	5.608	0.000	0	0	1	1
456341	PL.41025	C	Consumer	7.51Y	125.2	0.00	0.85	0.92	0	6	3	89	0.00	0.0	5.608	0.000	6	3	1	1
PL.41022	PL.9831	B	4ACSR	7.54Y	125.6	0.00	0.38	1.52	1	11	4	94	0.00	0.0	5.544	0.006	0	0	0	1
PD.7325	PL.41022	B	fuse6AMP	7.54Y	125.6	0.00	0.38	1.52	26	11	4	94	0.00	0.0	5.544	0.000	0	0	0	1
PL.41023	PD.7325	B	4ACSR	7.54Y	125.6	0.00	0.38	1.52	1	11	4	94	0.00	0.0	5.580	0.036	0	0	0	1
456333	PL.41023	B	Consumer	7.54Y	125.6	0.00	0.38	1.52	0	11	4	94	0.00	0.0	5.580	0.000	11	4	1	1
PL.9464	PL.9831	A	6ACWC	7.54Y	125.6	0.07	0.40	20.90	18	147	58	93	0.35	0.1	5.642	0.104	0	0	0	53
		B		7.53Y	125.6	0.05	0.42	12.09	10	84	36	92			0	0	0	0	20	
		C		7.50Y	125.0	0.14	0.99	30.17	26	210	85	93			0	0	0	0	46	
PL.9829	PL.9464	A	6ACWC	7.53Y	125.6	0.04	0.43	20.90	18	146	58	93	0.18	0.0	5.696	0.054	0	0	0	53
		B		7.53Y	125.6	0.02	0.45	12.09	10	84	36	92			0	0	0	0	20	
		C		7.50Y	124.9	0.07	1.06	30.17	26	210	85	93			0	0	0	0	46	
456336	PL.9829	A	Consumer	7.53Y	125.6	0.00	0.43	0.23	0	2	1	89	0.00	0.0	5.696	0.000	2	1	1	1
456311	PL.9829	A	Consumer	7.53Y	125.6	0.00	0.43	0.13	0	1	0	100	0.00	0.0	5.696	0.000	1	0	1	1
456348	PL.9829	A	Consumer	7.53Y	125.6	0.00	0.43	0.02	0	0	0	100	0.00	0.0	5.696	0.000	0	0	1	1
PL.41026	PL.9829	A	4ACSR	7.53Y	125.6	0.00	0.43	0.16	0	1	0	100	0.00	0.0	5.703	0.007	0	0	0	1
PD.7327	PL.41026	A	fuse6AMP	7.53Y	125.6	0.00	0.43	0.16	3	1	0	100	0.00	0.0	5.703	0.000	0	0	0	1
PL.41027	PD.7327	A	4ACSR	7.53Y	125.6	0.00	0.43	0.16	0	1	0	100	0.00	0.0	5.780	0.076	0	0	0	1
PL.28656	PL.41027	A	4ACSR	7.53Y	125.6	0.00	0.43	0.16	0	1	0	100	0.00	0.0	5.843	0.064	0	0	0	1
456361	PL.28656	A	Consumer	7.53Y	125.6	0.00	0.43	0.16	0	1	0	100	0.00	0.0	5.843	0.000	1	0	1	1
PL.9830	PL.9829	A	6ACWC	7.53Y	125.5	0.04	0.47	20.37	17	143	56	93	0.19	0.0	5.755	0.059	0	0	0	49
		B		7.53Y	125.5	0.03	0.47	12.09	10	84	36	92			0	0	0	0	20	
		C		7.49Y	124.9	0.08	1.14	30.17	26	210	85	93			0	0	0	0	46	
456320	PL.9830	A	Consumer	7.53Y	125.5	0.00	0.47	0.32	0	2	1	89	0.00	0.0	5.755	0.000	2	1	1	1
456366	PL.9830	A	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	5.755	0.000	0	0	1	1
PL.9826	PL.9830	A	6ACWC	7.53Y	125.5	0.06	0.53	20.04	17	140	56	93	0.32	0.1	5.853	0.098	0	0	0	47
		B		7.53Y	125.5	0.04	0.52	12.09	10	84	36	92			0	0	0	0	20	
		C		7.48Y	124.7	0.13	1.27	30.17	26	209	85	93			0	0	0	0	46	
PL.41028	PL.9826	A	4ACSR	7.53Y	125.5	0.00	0.53	3.96	3	28	11	93	0.00	0.0	5.860	0.007	0	0	0	10
PD.7328	PL.41028	A	fuse8AMP	7.53Y	125.5	0.00	0.53	3.96	54	28	11	93	0.00	0.0	5.860	0.000	0	0	0	10
PL.41029	PD.7328	A	4ACSR	7.53Y	125.5	0.01	0.55	3.96	3	28	11	93	0.00	0.0	5.939	0.079	0	0	0	10
PL.21619	PL.41029	A	4ACSR	7.53Y	125.4	0.00	0.55	3.10	3	22	8	94	0.00	0.0	5.970	0.031	0	0	0	8
PL.23090	PL.21619	A	4ACSR	7.53Y	125.4	0.00	0.56	1.71	1	12	5	92	0.00	0.0	6.016	0.046	0	0	0	4
PL.23088	PL.23090	A	4ACSR	7.53Y	125.4	0.00	0.56	1.71	1	12	5	92	0.00	0.0	6.075	0.059	0	0	0	4
PL.23087	PL.23088	A	4ACSR	7.53Y	125.4	0.00	0.56	1.06	1	7	3	92	0.00	0.0	6.115	0.041	0	0	0	3
456364	PL.23087	A	Consumer	7.53Y	125.4	0.00	0.56	0.06	0	0	0	100	0.00	0.0	6.115	0.000	0	0	1	1
456317	PL.23087	A	Consumer	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	6.115	0.000	0	0	0	0
456318	PL.23087	A	Consumer	7.53Y	125.4	0.00	0.56	0.32	0	2	1	89	0.00	0.0	6.115	0.000	2	1	1	1
456321	PL.23087	A	Consumer	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	6.115	0.000	0	0	0	0

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 456349, PL.22534, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
456408	PL.9825	A	Consumer	7.52Y	125.4	0.00	0.65	0.99	0	7	3	92	0.00	0.0	6.144	0.000	7	3	1	1
PL.7019	PL.9825	A	6ACWC	7.52Y	125.3	0.04	0.69	13.13	11	92	37	93	0.30	0.1	6.262	0.117	0	0	0	32
		B		7.52Y	125.3	0.06	0.72	11.54	10	80	34	92					0	0	0	19
		C		7.45Y	124.2	0.15	1.80	28.75	24	199	81	93					0	0	0	43
456404	PL.7019	A	Consumer	7.52Y	125.3	0.00	0.69	0.16	0	1	0	100	0.00	0.0	6.262	0.000	1	0	1	1
PL.9822	PL.7019	A	6ACWC	7.52Y	125.3	0.01	0.70	12.97	11	91	36	93	0.11	0.0	6.306	0.044	0	0	0	31
		B		7.52Y	125.3	0.02	0.75	11.54	10	80	34	92					0	0	0	19
		C		7.45Y	124.1	0.06	1.86	28.75	24	199	81	93					0	0	0	43
PL.13599	PL.9822	B	4ACSR	7.52Y	125.3	0.00	0.75	0.33	0	2	1	89	0.00	0.0	6.330	0.024	0	0	0	2
PD.1513	PL.13599	B	fuse6AMP	7.52Y	125.3	0.00	0.75	0.33	6	2	1	89	0.00	0.0	6.330	0.000	0	0	0	2
PL.13600	PD.1513	B	4ACSR	7.52Y	125.3	0.00	0.75	0.33	0	2	1	89	0.00	0.0	6.426	0.096	0	0	0	2
456411	PL.13600	B	Consumer	7.52Y	125.3	0.00	0.75	0.33	0	2	1	89	0.00	0.0	6.426	0.000	2	1	1	1
456412	PL.13600	B	Consumer	7.52Y	125.3	0.00	0.75	0.00	0	0	0	100	0.00	0.0	6.426	0.000	0	0	1	1
PL.9823	PL.9822	A	6ACWC	7.52Y	125.3	0.01	0.71	12.97	11	91	36	93	0.06	0.0	6.329	0.023	0	0	0	31
		B		7.51Y	125.2	0.01	0.76	11.21	10	77	33	92					0	0	0	17
		C		7.45Y	124.1	0.03	1.89	27.90	24	192	78	93					0	0	0	42
PL.41034	PL.9823	C	4ACSR	7.45Y	124.1	0.00	1.89	10.83	9	75	29	93	0.00	0.0	6.333	0.004	0	0	0	18
PD.7331-A	PL.41034	C	Closed	7.45Y	124.1	0.00	1.89	10.83	0	75	29	93	0.00	0.0	6.333	0.000	0	0	0	18
PD.7331-B	PD.7331-A	C	Closed	7.45Y	124.1	0.00	1.89	10.83	0	75	29	93	0.00	0.0	6.333	0.000	0	0	0	18
PL.41035	PD.7331-B	C	4ACSR	7.45Y	124.1	0.00	1.89	10.83	9	75	29	93	0.00	0.0	6.342	0.009	0	0	0	18
PD.3527	PL.41035	C	25L	7.45Y	124.1	0.00	1.89	10.83	43	75	29	93	0.00	0.0	6.342	0.000	0	0	0	18
PL.13602	PD.3527	C	4ACSR	7.44Y	124.0	0.07	1.96	10.83	9	75	29	93	0.04	0.1	6.478	0.136	0	0	0	18
PL.25481	PL.13602	C	4ACSR	7.44Y	124.0	0.01	1.98	9.95	8	69	27	93	0.01	0.0	6.508	0.030	0	0	0	16
PL.7006	PL.25481	C	4ACSR	7.44Y	123.9	0.07	2.05	9.95	8	69	27	93	0.04	0.1	6.672	0.164	0	0	0	16
455307	PL.7006	C	Consumer	7.44Y	123.9	0.00	2.05	1.11	0	8	3	94	0.00	0.0	6.672	0.000	8	3	1	1
455303	PL.7006	C	Consumer	7.44Y	123.9	0.00	2.05	0.77	0	5	2	93	0.00	0.0	6.672	0.000	5	2	1	1
PL.7016	PL.7006	C	4ACSR	7.44Y	123.9	0.01	2.06	8.07	7	56	22	93	0.00	0.0	6.698	0.027	0	0	0	14
455316	PL.7016	C	Consumer	7.44Y	123.9	0.00	2.06	0.00	0	0	0	100	0.00	0.0	6.698	0.000	0	0	1	1
PL.7017	PL.7016	C	4ACSR	7.43Y	123.9	0.09	2.15	8.07	7	56	22	93	0.04	0.1	6.933	0.234	0	0	0	13
PL.25482	PL.7017	C	4ACSR	7.43Y	123.8	0.03	2.18	7.38	6	51	20	93	0.01	0.0	7.030	0.098	0	0	0	12
PL.40866	PL.25482	C	4ACSR	7.43Y	123.8	0.00	2.18	0.36	0	3	1	95	0.00	0.0	7.036	0.006	0	0	0	1
PD.7265	PL.40866	C	fuse6AMP	7.43Y	123.8	0.00	2.18	0.36	6	3	1	95	0.00	0.0	7.036	0.000	0	0	0	1
PL.40867	PD.7265	C	4ACSR	7.43Y	123.8	0.00	2.18	0.36	0	3	1	95	0.00	0.0	7.112	0.076	0	0	0	1
455312	PL.40867	C	Consumer	7.43Y	123.8	0.00	2.18	0.36	0	3	1	95	0.00	0.0	7.112	0.000	3	1	1	1
PL.9818	PL.25482	C	4ACSR	7.43Y	123.8	0.05	2.23	7.02	6	49	19	93	0.02	0.0	7.196	0.166	0	0	0	11
PL.7007	PL.9818	C	4ACSR	7.43Y	123.8	0.01	2.24	6.34	5	44	17	93	0.00	0.0	7.234	0.038	0	0	0	10
PL.9819	PL.7007	C	4ACSR	7.42Y	123.7	0.02	2.27	5.81	5	40	16	93	0.01	0.0	7.319	0.086	0	0	0	9
455308	PL.9819	C	Consumer	7.42Y	123.7	0.00	2.27	0.57	0	4	2	89	0.00	0.0	7.319	0.000	4	2	1	1
PL.40870	PL.9819	C	4ACSR	7.42Y	123.7	0.03	2.30	5.14	4	36	14	93	0.01	0.0	7.463	0.144	0	0	0	6
PD.7267-A	PL.40870	C	Closed	7.42Y	123.7	0.00	2.30	5.14	0	36	14	93	0.00	0.0	7.463	0.000	0	0	0	6
PD.7267-B	PD.7267-A	C	Closed	7.42Y	123.7	0.00	2.30	5.14	0	36	14	93	0.00	0.0	7.463	0.000	0	0	0	6

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.40871, PD.7267-B, PL.44644, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
455430	PL.1840	B	Consumer	7.51Y	125.1	0.00	0.89	2.26	0	15	7	91	0.00	0.0	6.713	0.000	15	7	1	1
PL.20421	PL.25476	B	4ACSR	7.51Y	125.1	0.00	0.88	3.26	3	22	10	91	0.00	0.0	6.619	0.014	0	0	0	2
PD.1512	PL.20421	B	fuse6AMP	7.51Y	125.1	0.00	0.88	3.26	56	22	10	91	0.00	0.0	6.619	0.000	0	0	0	2
PL.20422	PD.1512	B	4ACSR	7.50Y	125.0	0.14	1.02	3.26	3	22	10	91	0.02	0.1	7.554	0.934	0	0	0	2
PL.25478	PL.20422	B	4ACSR	7.50Y	125.0	0.02	1.05	2.90	2	20	9	91	0.00	0.0	7.724	0.170	0	0	0	1
456415	PL.25478	B	Consumer	7.50Y	125.0	0.00	1.05	2.90	0	20	9	91	0.00	0.0	7.724	0.000	20	9	1	1
PL.25479	PL.20422	B	4ACSR	7.50Y	125.0	0.00	1.02	0.37	0	3	1	95	0.00	0.0	7.621	0.067	0	0	0	1
PL.25480	PL.25479	B	4ACSR	7.50Y	125.0	0.00	1.02	0.37	0	3	1	95	0.00	0.0	7.655	0.034	0	0	0	1
456414	PL.25480	B	Consumer	7.50Y	125.0	0.00	1.02	0.37	0	3	1	95	0.00	0.0	7.655	0.000	3	1	1	1
PL.25477	PL.25476	A	6ACWC	7.51Y	125.1	0.04	0.88	12.81	11	89	35	93	0.11	0.0	6.710	0.104	0	0	0	30
		B		7.51Y	125.1	0.02	0.90	5.69	5	40	16	93			0	0	0	0	14	
		C		7.43Y	123.8	0.08	2.17	17.07	14	117	49	92			0	0	0	0	24	
PL.25465	PL.25477	A	6ACWC	7.51Y	125.1	0.03	0.91	12.46	11	87	35	93	0.05	0.0	6.780	0.070	0	0	0	29
		B		7.51Y	125.1	0.01	0.91	5.69	5	40	16	93			0	0	0	0	14	
		C		7.43Y	123.8	0.03	2.20	10.74	9	73	32	92			0	0	0	0	15	
PL.40846	PL.25465	A	4ACSR	7.51Y	125.1	0.00	0.91	5.75	5	40	16	93	0.00	0.0	6.785	0.005	0	0	0	11
PL.40847	PL.40846	A	4ACSR	7.51Y	125.1	0.00	0.91	5.75	5	40	16	93	0.00	0.0	6.788	0.003	0	0	0	11
455403	PL.40847	A	Consumer	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	6.788	0.000	0	0	0	0
PL.25464	PL.40847	A	4ACSR	7.50Y	125.1	0.01	0.93	5.75	5	40	16	93	0.00	0.0	6.842	0.054	0	0	0	11
PL.15559	PL.25464	A	4ACSR	7.50Y	125.1	0.01	0.94	4.93	4	34	13	93	0.00	0.0	6.878	0.035	0	0	0	10
PL.15560	PL.15559	A	4ACSR	7.50Y	125.1	0.00	0.94	4.93	4	34	13	93	0.00	0.0	6.884	0.006	0	0	0	10
455409	PL.15560	A	Consumer	7.50Y	125.1	0.00	0.94	0.50	0	4	1	97	0.00	0.0	6.884	0.000	4	1	1	1
PL.25467	PL.15560	A	4ACSR	7.50Y	125.0	0.02	0.96	3.96	3	28	11	93	0.01	0.0	7.019	0.136	0	0	0	8
PL.25468	PL.25467	A	4ACSR	7.50Y	125.0	0.01	0.97	2.70	2	19	7	94	0.00	0.0	7.107	0.087	0	0	0	7
PL.25469	PL.25468	A	4ACSR	7.50Y	125.0	0.02	1.00	1.93	2	14	5	94	0.00	0.0	7.377	0.271	0	0	0	5
PL.41038	PL.25469	A	4ACSR	7.50Y	125.0	0.00	1.00	1.24	1	9	3	95	0.00	0.0	7.386	0.009	0	0	0	3
PD.7333-A	PL.41038	A	Closed	7.50Y	125.0	0.00	1.00	1.24	0	9	3	95	0.00	0.0	7.386	0.000	0	0	0	3
PD.7333-B	PD.7333-A	A	Closed	7.50Y	125.0	0.00	1.00	1.24	0	9	3	95	0.00	0.0	7.386	0.000	0	0	0	3
PL.41039	PD.7333-B	A	4ACSR	7.50Y	125.0	0.00	1.00	1.24	1	9	3	95	0.00	0.0	7.418	0.032	0	0	0	3
PL.25471	PL.41039	A	4ACSR	7.50Y	125.0	0.00	1.00	1.24	1	9	3	95	0.00	0.0	7.476	0.058	0	0	0	3
PL.127	PL.25471	A	4ACSR	7.50Y	125.0	0.00	1.00	1.24	1	9	3	95	0.00	0.0	7.486	0.011	0	0	0	3
PL.25474	PL.127	A	4ACSR	7.50Y	125.0	0.01	1.01	1.24	1	9	3	95	0.00	0.0	7.673	0.187	0	0	0	3
PL.25475	PL.25474	A	4ACSR	7.50Y	125.0	0.00	1.01	0.63	1	4	2	89	0.00	0.0	7.709	0.035	0	0	0	2
PL.2622	PL.25475	A	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	7.824	0.115	0	0	0	0
PL.2621	PL.2622	A	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	7.908	0.084	0	0	0	0
PL.25473	PL.25475	A	4ACSR	7.50Y	125.0	0.01	1.02	0.63	1	4	2	89	0.00	0.0	8.011	0.302	0	0	0	2
PL.25472	PL.25473	A	4ACSR	7.50Y	125.0	0.00	1.03	0.63	1	4	2	89	0.00	0.0	8.126	0.115	0	0	0	1
454407	PL.25472	A	Consumer	7.50Y	125.0	0.00	1.03	0.63	0	4	2	89	0.00	0.0	8.126	0.000	4	2	1	1
454411	PL.25473	A	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	8.011	0.000	0	0	1	1
PL.40852	PL.25474	A	4ACSR	7.50Y	125.0	0.00	1.01	0.61	1	4	2	89	0.00	0.0	7.682	0.008	0	0	0	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.7581, PL.40853, 454430, 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
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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-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss		Length (mi)	KW			KVAR	
PL.2649	PL.40830	B	4ACSR	7.50Y	125.0	0.00	0.96	0.45	0	3	1	95	0.00	0.0	7.191	0.051	0	0	0	1
455465	PL.2649	B	Consumer	7.50Y	125.0	0.00	0.96	0.45	0	3	1	95	0.00	0.0	7.191	0.000	3	1	1	1
PL.25403	PL.40830	B	4ACSR	7.50Y	125.0	0.00	0.95	0.12	0	1	0	100	0.00	0.0	7.179	0.040	0	0	0	1
455455	PL.25403	B	Consumer	7.50Y	125.0	0.00	0.95	0.12	0	1	0	100	0.00	0.0	7.179	0.000	1	0	1	1
PL.25401	PL.25405	A	4ACSR	7.50Y	125.0	0.06	1.03	6.71	6	47	19	93	0.10	0.1	7.319	0.288	0	0	0	18
		B		7.50Y	125.0	0.03	0.99	3.46	3	24	9	93					0	0	0	8
		C		7.41Y	123.6	0.13	2.45	10.12	9	69	30	92					0	0	0	14
PL.25400	PL.25401	A	4ACSR	7.50Y	125.0	0.02	1.04	4.59	4	32	13	93	0.04	0.0	7.454	0.135	0	0	0	15
		B		7.50Y	125.0	0.02	1.00	3.46	3	24	9	93					0	0	0	8
		C		7.41Y	123.5	0.06	2.51	10.12	9	69	30	92					0	0	0	14
455407	PL.25400	B	Consumer	7.50Y	125.0	0.00	1.00	0.32	0	2	1	89	0.00	0.0	7.454	0.000	2	1	1	1
PL.18514	PL.25400	B	4ACSR	7.50Y	125.0	0.00	1.00	0.11	0	1	0	100	0.00	0.0	7.464	0.010	0	0	0	1
PD.1066	PL.18514	B	fuse6AMP	7.50Y	125.0	0.00	1.00	0.11	2	1	0	100	0.00	0.0	7.464	0.000	0	0	0	1
PL.18515	PD.1066	B	4ACSR	7.50Y	125.0	0.00	1.00	0.11	0	1	0	100	0.00	0.0	7.584	0.120	0	0	0	1
455426	PL.18515	B	Consumer	7.50Y	125.0	0.00	1.00	0.00	0	0	0	100	0.00	0.0	7.584	0.000	0	0	0	0
455462	PL.18515	B	Consumer	7.50Y	125.0	0.00	1.00	0.11	0	1	0	100	0.00	0.0	7.584	0.000	1	0	1	1
PL.25399	PL.25400	A	4ACSR	7.50Y	124.9	0.01	1.05	4.59	4	32	13	93	0.03	0.0	7.569	0.116	0	0	0	15
		B		7.50Y	125.0	0.01	1.02	3.03	3	21	8	93					0	0	0	6
		C		7.41Y	123.4	0.05	2.56	10.12	9	69	30	92					0	0	0	13
PL.40836	PL.25399	B	4ACSR	7.50Y	125.0	0.00	1.02	1.27	1	9	3	95	0.00	0.0	7.574	0.005	0	0	0	2
PD.7575	PL.40836	B	fuse6AMP	7.50Y	125.0	0.00	1.02	1.27	22	9	3	95	0.00	0.0	7.574	0.000	0	0	0	2
PL.40837	PD.7575	B	4ACSR	7.50Y	125.0	0.01	1.02	1.27	1	9	3	95	0.00	0.0	7.668	0.094	0	0	0	2
455438	PL.40837	B	Consumer	7.50Y	125.0	0.00	1.02	0.60	0	4	2	89	0.00	0.0	7.668	0.000	4	2	1	1
455468	PL.40837	B	Consumer	7.50Y	125.0	0.00	1.02	0.67	0	5	2	93	0.00	0.0	7.668	0.000	5	2	1	1
PL.25398	PL.25399	A	4ACSR	7.50Y	124.9	0.01	1.06	4.59	4	32	13	93	0.02	0.0	7.632	0.063	0	0	0	15
		B		7.50Y	125.0	0.00	1.02	1.31	1	9	4	93					0	0	0	2
		C		7.40Y	123.4	0.03	2.59	10.12	9	69	30	92					0	0	0	13
PL.18715	PL.25398	A	4ACSR	7.50Y	124.9	0.00	1.06	4.59	4	32	13	93	0.00	0.0	7.645	0.013	0	0	0	15
		B		7.50Y	125.0	0.00	1.02	1.31	1	9	4	93					0	0	0	2
		C		7.40Y	123.4	0.00	2.59	6.43	5	43	20	91					0	0	0	6
455439	PL.18715	C	Consumer	7.40Y	123.4	0.00	2.59	0.37	0	3	1	95	0.00	0.0	7.645	0.000	3	1	1	1
455434	PL.18715	C	Consumer	7.40Y	123.4	0.00	2.59	0.14	0	1	0	100	0.00	0.0	7.645	0.000	1	0	1	1
PL.27862	PL.18715	A	4ACSR	7.50Y	124.9	0.00	1.07	4.59	4	32	13	93	0.00	0.0	7.670	0.024	0	0	0	15
		B		7.50Y	125.0	0.00	1.02	1.31	1	9	4	93					0	0	0	2
		C		7.40Y	123.4	0.01	2.60	5.92	5	40	19	91					0	0	0	4
PL.40840	PL.27862	A	4ACSR	7.50Y	124.9	0.00	1.07	0.70	1	5	2	93	0.00	0.0	7.673	0.004	0	0	0	1
PD.7577	PL.40840	A	fuse6AMP	7.50Y	124.9	0.00	1.07	0.70	12	5	2	93	0.00	0.0	7.673	0.000	0	0	0	1
PL.40841	PD.7577	A	4ACSR	7.50Y	124.9	0.00	1.07	0.70	1	5	2	93	0.00	0.0	7.760	0.087	0	0	0	1
PL.23523	PL.40841	A	4ACSR	7.50Y	124.9	0.00	1.07	0.70	1	5	2	93	0.00	0.0	7.828	0.068	0	0	0	1
PL.23524	PL.23523	A	4ACSR	7.50Y	124.9	0.00	1.07	0.70	1	5	2	93	0.00	0.0	7.848	0.020	0	0	0	1
455411	PL.23524	A	Consumer	7.50Y	124.9	0.00	1.07	0.70	0	5	2	93	0.00	0.0	7.848	0.000	5	2	1	1
4554070	455411	A	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	7.848	0.000	0	0	0	0
PL.25397	PL.27862	A	4ACSR	7.50Y	124.9	0.01	1.08	3.89	3	27	11	93	0.01	0.0	7.748	0.078	0	0	0	14
		B		7.50Y	125.0	0.00	1.02	1.31	1	9	4	93					0	0	0	2
		C		7.40Y	123.4	0.02	2.62	5.77	5	39	18	91					0	0	0	3

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 455449, 455447, PL.25396, 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 rows for various elements like PL.35666, 4544031, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.7576	PL.40838	C	fuse6AMP	7.40Y	123.4	0.00	2.59	3.69	63	25	10	93	0.00	0.0	7.637	0.000	0	0	0	7
PL.40839	PD.7576	C	4ACSR	7.40Y	123.4	0.00	2.59	3.69	3	25	10	93	0.00	0.0	7.657	0.020	0	0	0	7
455446	PL.40839	C	Consumer	7.40Y	123.4	0.00	2.59	0.03	0	0	0	100	0.00	0.0	7.657	0.000	0	0	1	1
PL.19185	PL.40839	C	4ACSR	7.40Y	123.4	0.00	2.60	3.66	3	25	10	93	0.00	0.0	7.677	0.021	0	0	0	6
455443	PL.19185	C	Consumer	7.40Y	123.4	0.00	2.60	0.02	0	0	0	100	0.00	0.0	7.677	0.000	0	0	1	1
PL.7023	PL.19185	C	4ACSR	7.40Y	123.4	0.01	2.60	3.64	3	25	10	93	0.00	0.0	7.713	0.036	0	0	0	5
455450	PL.7023	C	Consumer	7.40Y	123.4	0.00	2.60	0.75	0	5	2	93	0.00	0.0	7.713	0.000	5	2	1	1
455444	PL.7023	C	Consumer	7.40Y	123.4	0.00	2.60	0.80	0	5	2	93	0.00	0.0	7.713	0.000	5	2	1	1
4554071	PL.7023	C	Consumer	7.40Y	123.4	0.00	2.60	0.00	0	0	0	100	0.00	0.0	7.713	0.000	0	0	0	0
455442	PL.7023	C	Consumer	7.40Y	123.4	0.00	2.60	0.58	0	4	2	89	0.00	0.0	7.713	0.000	4	2	1	1
455451	PL.7023	C	Consumer	7.40Y	123.4	0.00	2.60	0.82	0	6	2	95	0.00	0.0	7.713	0.000	6	2	1	1
455464	PL.7023	C	Consumer	7.40Y	123.4	0.00	2.60	0.69	0	5	2	93	0.00	0.0	7.713	0.000	5	2	1	1
455414	PL.25399	B	Consumer	7.50Y	125.0	0.00	1.02	0.12	0	1	0	100	0.00	0.0	7.569	0.000	1	0	1	1
455441	PL.25399	B	Consumer	7.50Y	125.0	0.00	1.02	0.32	0	2	1	89	0.00	0.0	7.569	0.000	2	1	1	1
PL.15557	PL.25400	C	4ACSR	7.41Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	7.459	0.005	0	0	0	1
PD.1509	PL.15557	C	fuse6AMP	7.41Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	7.459	0.000	0	0	0	1
PL.15558	PD.1509	C	4ACSR	7.41Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	7.530	0.071	0	0	0	1
PL.2845	PL.15558	C	4ACSR	7.41Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	7.593	0.063	0	0	0	1
455406	PL.2845	C	Consumer	7.41Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	7.593	0.000	0	0	1	1
PL.40831	PL.25401	A	4ACSR	7.50Y	125.0	0.00	1.03	2.13	2	15	6	93	0.00	0.0	7.320	0.002	0	0	0	3
PD.7574	PL.40831	A	fuse6AMP	7.50Y	125.0	0.00	1.03	2.13	36	15	6	93	0.00	0.0	7.320	0.000	0	0	0	3
PL.40834	PD.7574	A	4ACSR	7.50Y	125.0	0.00	1.03	2.13	2	15	6	93	0.00	0.0	7.324	0.004	0	0	0	3
PL.40833	PL.40834	A	4ACSR	7.50Y	125.0	0.01	1.03	1.39	1	10	4	93	0.00	0.0	7.406	0.082	0	0	0	2
PL.2842	PL.40833	A	4ACSR	7.50Y	125.0	0.00	1.03	1.39	1	10	4	93	0.00	0.0	7.448	0.042	0	0	0	2
PL.2841	PL.2842	A	4ACSR	7.50Y	125.0	0.00	1.04	1.39	1	10	4	93	0.00	0.0	7.498	0.050	0	0	0	2
455410	PL.2841	A	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	7.498	0.000	0	0	0	0
455435	PL.2841	A	Consumer	7.50Y	125.0	0.00	1.04	0.87	0	6	2	95	0.00	0.0	7.498	0.000	6	2	1	1
455437	PL.2841	A	Consumer	7.50Y	125.0	0.00	1.04	0.52	0	4	1	97	0.00	0.0	7.498	0.000	4	1	1	1
PL.40835	PL.40834	A	4ACSR	7.50Y	125.0	0.00	1.03	0.74	1	5	2	93	0.00	0.0	7.412	0.088	0	0	0	1
PL.2840	PL.40835	A	4ACSR	7.50Y	125.0	0.01	1.04	0.74	1	5	2	93	0.00	0.0	7.612	0.199	0	0	0	1
455421	PL.2840	A	Consumer	7.50Y	125.0	0.00	1.04	0.74	0	5	2	93	0.00	0.0	7.612	0.000	5	2	1	1
PL.40827	PL.40887	C	4ACSR	7.42Y	123.7	0.00	2.27	0.62	1	4	2	89	0.00	0.0	6.934	0.005	0	0	0	1
PD.7572	PL.40827	C	fuse6AMP	7.42Y	123.7	0.00	2.27	0.62	11	4	2	89	0.00	0.0	6.934	0.000	0	0	0	1
PL.40828	PD.7572	C	4ACSR	7.42Y	123.7	0.00	2.28	0.62	1	4	2	89	0.00	0.0	7.042	0.108	0	0	0	1
455418	PL.40828	C	Consumer	7.42Y	123.7	0.00	2.28	0.62	0	4	2	89	0.00	0.0	7.042	0.000	4	2	1	1
455459	PL.20420	B	Consumer	7.50Y	125.1	0.00	0.93	0.16	0	1	0	100	0.00	0.0	6.866	0.000	1	0	1	1
455461	PL.20420	B	Consumer	7.50Y	125.1	0.00	0.93	0.51	0	4	1	97	0.00	0.0	6.866	0.000	4	1	1	1
455405	PL.20420	B	Consumer	7.50Y	125.1	0.00	0.93	0.17	0	1	0	100	0.00	0.0	6.866	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, 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\EXISTING JUL05 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----- Length (mi)	KW	KVAR	Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	kW Loss	% Loss									
PL.29198	PL.29027	A	4ACSR	7.11Y	118.6	0.01	7.42	7.00	6	45	22	90	0.00	0.0	5.249	0.033	0	0	0	4		
PL.29009	PL.29198	A	4ACSR	7.11Y	118.6	0.01	7.43	3.87	3	25	12	90	0.00	0.0	5.305	0.056	0	0	0	3		
PL.29028	PL.29009	A	4ACSR	7.11Y	118.6	0.00	7.44	3.86	3	25	12	90	0.00	0.0	5.318	0.013	0	0	0	2		
PL.36568	PL.29028	A	4ACSR	7.11Y	118.6	0.00	7.44	0.45	0	3	1	95	0.00	0.0	5.375	0.057	0	0	0	1		
4573044	PL.36568	A	Consumer	7.11Y	118.6	0.00	7.44	0.00	0	0	0	100	0.00	0.0	5.375	0.000	0	0	0	0		
PL.36569	PL.36568	A	4ACSR	7.11Y	118.6	0.00	7.44	0.45	0	3	1	95	0.00	0.0	5.417	0.042	0	0	0	1		
457335	PL.36569	A	Consumer	7.11Y	118.6	0.00	7.44	0.45	0	3	1	95	0.00	0.0	5.417	0.000	3	1	1	1		
PL.29177	PL.29028	A	4ACSR	7.11Y	118.6	0.00	7.44	3.41	3	22	11	89	0.00	0.0	5.340	0.022	0	0	0	1		
457342	PL.29177	A	Consumer	7.11Y	118.6	0.00	7.44	3.41	0	22	11	89	0.00	0.0	5.340	0.000	22	11	1	1		
457341	PL.29009	A	Consumer	7.11Y	118.6	0.00	7.43	0.02	0	0	0	100	0.00	0.0	5.305	0.000	0	0	1	1		
457332	PL.29198	A	Consumer	7.11Y	118.6	0.00	7.42	3.12	0	20	10	89	0.00	0.0	5.249	0.000	20	10	1	1		
PL.45299	PL.29027	A	2ACSR	7.12Y	118.6	0.00	7.41	0.00	0	0	0	100	0.00	0.0	5.273	0.057	0	0	0	0		
4573049	PL.45299	A	Consumer	7.12Y	118.6	0.00	7.41	0.00	0	0	0	100	0.00	0.0	5.273	0.000	0	0	0	0		
457338	PL.29027	A	Consumer	7.12Y	118.6	0.00	7.41	0.19	0	1	0	100	0.00	0.0	5.216	0.000	1	0	1	1		
457330	PL.40895	A	Consumer	7.12Y	118.6	0.00	7.36	0.84	0	6	2	95	0.00	0.0	5.061	0.000	6	2	1	1		
PL.29174	PL.40895	A	4ACSR	7.12Y	118.6	0.00	7.36	0.48	0	3	1	95	0.00	0.0	5.101	0.039	0	0	0	1		
457331	PL.29174	A	Consumer	7.12Y	118.6	0.00	7.36	0.48	0	3	1	95	0.00	0.0	5.101	0.000	3	1	1	1		
PL.29007	PL.29006	A	4ACSR	7.12Y	118.7	0.00	7.32	0.05	0	0	0	100	0.00	0.0	5.013	0.060	0	0	0	1		
457333	PL.29007	A	Consumer	7.12Y	118.7	0.00	7.32	0.05	0	0	0	100	0.00	0.0	5.013	0.000	0	0	1	1		
PL.29175	PL.29007	A	4ACSR	7.12Y	118.7	0.00	7.32	0.00	0	0	0	100	0.00	0.0	5.079	0.067	0	0	0	0		
457337	PL.29175	A	Consumer	7.12Y	118.7	0.00	7.32	0.00	0	0	0	100	0.00	0.0	5.079	0.000	0	0	0	0		
457326	PL.29006	A	Consumer	7.12Y	118.7	0.00	7.32	0.88	0	6	2	95	0.00	0.0	4.953	0.000	6	2	1	1		
457327	PL.29006	A	Consumer	7.12Y	118.7	0.00	7.32	0.28	0	2	1	89	0.00	0.0	4.953	0.000	2	1	1	1		
457324	PL.29006	A	Consumer	7.12Y	118.7	0.00	7.32	0.58	0	4	1	97	0.00	0.0	4.953	0.000	4	1	1	1		
4573048	PL.45134	A	Consumer	7.13Y	118.8	0.00	7.24	0.00	0	0	0	100	0.00	0.0	4.800	0.000	0	0	0	0		
457329	PL.6794	A	Consumer	7.14Y	118.9	0.00	7.06	0.43	0	3	1	95	0.00	0.0	4.452	0.000	3	1	1	1		
457328	PL.43911	A	Consumer	7.14Y	119.0	0.00	7.01	0.51	0	3	1	95	0.00	0.0	4.363	0.000	3	1	1	1		
PL.22110	PL.9475	A	4ACSR	7.16Y	119.3	0.05	6.68	23.65	20	158	62	93	0.06	0.0	4.032	0.048	0	0	0	57		
PD.3518	PL.22110	A	50L	7.16Y	119.3	0.00	6.68	23.65	47	158	62	93	0.00	0.0	4.032	0.000	0	0	0	57		
PL.22111	PD.3518	A	4ACSR	7.16Y	119.3	0.03	6.71	23.65	20	158	62	93	0.04	0.0	4.061	0.029	0	0	0	57		
PL.7042	PL.22111	A	4ACSR	7.15Y	119.2	0.06	6.77	23.65	20	158	62	93	0.08	0.0	4.117	0.056	0	0	0	57		
458311	PL.7042	A	Consumer	7.15Y	119.2	0.00	6.77	0.16	0	1	0	100	0.00	0.0	4.117	0.000	1	0	1	1		
PL.7039	PL.7042	A	4ACSR	7.15Y	119.2	0.07	6.85	23.49	20	156	61	93	0.09	0.1	4.185	0.068	0	0	0	56		
PL.7030	PL.7039	A	4ACSR	7.13Y	118.8	0.40	7.25	23.49	20	156	61	93	0.49	0.3	4.557	0.372	0	0	0	56		
PL.40904	PL.7030	A	4ACSR	7.12Y	118.7	0.09	7.34	23.33	20	155	60	93	0.11	0.1	4.644	0.087	0	0	0	54		
C PD.7286	PL.40904	A	25L	7.12Y	118.7	0.00	7.34	23.33	93	155	60	93	0.00	0.0	4.644	0.000	0	0	0	54 C		
PL.40905	PD.7286	A	4ACSR	7.12Y	118.7	0.01	7.35	23.33	20	155	60	93	0.01	0.0	4.650	0.006	0	0	0	54		
PL.23594	PL.40905	A	4ACSR	7.12Y	118.6	0.01	7.36	0.81	1	5	2	93	0.00	0.0	4.895	0.245	0	0	0	3		

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.23595	PL.23594	A	4ACSR	7.12Y	118.6	0.00	7.36	0.81	1	5	2	93	0.00	0.0	4.968	0.072	0	0	0	3
PL.33213	PL.23595	A	4ACSR	7.12Y	118.6	0.00	7.36	0.81	1	5	2	93	0.00	0.0	5.024	0.057	0	0	0	2
4583060	PL.33213	A	Consumer	7.12Y	118.6	0.00	7.36	0.33	0	2	1	89	0.00	0.0	5.024	0.000	2	1	1	1
4583059	PL.33213	A	Consumer	7.12Y	118.6	0.00	7.36	0.48	0	3	1	95	0.00	0.0	5.024	0.000	3	1	1	1
458346	PL.23595	A	Consumer	7.12Y	118.6	0.00	7.36	0.00	0	0	0	100	0.00	0.0	4.968	0.000	0	0	1	1
PL.7029	PL.40905	A	4ACSR	7.12Y	118.6	0.04	7.39	4.80	4	32	12	94	0.01	0.0	4.827	0.177	0	0	0	11
PL.33214	PL.7029	A	4ACSR	7.12Y	118.6	0.00	7.39	0.54	0	4	1	97	0.00	0.0	4.873	0.046	0	0	0	1
4583061	PL.33214	A	Consumer	7.12Y	118.6	0.00	7.39	0.54	0	4	1	97	0.00	0.0	4.873	0.000	4	1	1	1
PL.8607	PL.7029	A	4ACSR	7.12Y	118.6	0.02	7.40	3.30	3	22	9	93	0.00	0.0	4.938	0.111	0	0	0	8
PL.40896	PL.8607	A	4ACSR	7.12Y	118.6	0.00	7.40	0.20	0	1	1	71	0.00	0.0	4.943	0.005	0	0	0	1
PD.7281	PL.40896	A	fuse6AMP	7.12Y	118.6	0.00	7.40	0.20	3	1	1	71	0.00	0.0	4.943	0.000	0	0	0	1
PL.40897	PD.7281	A	4ACSR	7.12Y	118.6	0.00	7.40	0.20	0	1	1	71	0.00	0.0	5.001	0.058	0	0	0	1
458203	PL.40897	A	Consumer	7.12Y	118.6	0.00	7.40	0.20	0	1	1	71	0.00	0.0	5.001	0.000	1	1	1	1
PL.27855	PL.8607	A	4ACSR	7.11Y	118.6	0.02	7.42	3.10	3	21	8	93	0.00	0.0	5.048	0.110	0	0	0	7
458204	PL.27855	A	Consumer	7.11Y	118.6	0.00	7.42	0.55	0	4	1	97	0.00	0.0	5.048	0.000	4	1	1	1
PL.27856	PL.27855	A	4ACSR	7.11Y	118.6	0.02	7.44	2.55	2	17	7	92	0.00	0.0	5.189	0.140	0	0	0	6
PL.7031	PL.27856	A	4ACSR	7.11Y	118.6	0.01	7.45	1.83	2	12	5	92	0.00	0.0	5.333	0.145	0	0	0	5
PL.40898	PL.7031	A	4ACSR	7.11Y	118.5	0.00	7.45	0.91	1	6	2	95	0.00	0.0	5.397	0.064	0	0	0	4
PL.40899	PL.40898	A	4ACSR	7.11Y	118.5	0.00	7.45	0.91	1	6	2	95	0.00	0.0	5.407	0.009	0	0	0	4
PL.7035	PL.40899	A	4ACSR	7.11Y	118.5	0.00	7.45	0.59	0	4	2	89	0.00	0.0	5.519	0.112	0	0	0	3
PL.40900	PL.7035	A	4ACSR	7.11Y	118.5	0.00	7.46	0.49	0	3	1	95	0.00	0.0	5.584	0.065	0	0	0	2
PD.7284	PL.40900	A	fuse6AMP	7.11Y	118.5	0.00	7.46	0.49	8	3	1	95	0.00	0.0	5.584	0.000	0	0	0	2
PL.40901	PD.7284	A	4ACSR	7.11Y	118.5	0.02	7.47	0.49	0	3	1	95	0.00	0.0	6.464	0.880	0	0	0	2
457212	PL.40901	A	Consumer	7.11Y	118.5	0.00	7.47	0.00	0	0	0	100	0.00	0.0	6.464	0.000	0	0	1	1
457225	PL.40901	A	Consumer	7.11Y	118.5	0.00	7.47	0.49	0	3	1	95	0.00	0.0	6.464	0.000	3	1	1	1
458201	PL.7035	A	Consumer	7.11Y	118.5	0.00	7.45	0.10	0	1	0	100	0.00	0.0	5.519	0.000	1	0	1	1
458206	PL.40899	A	Consumer	7.11Y	118.5	0.00	7.45	0.32	0	2	1	89	0.00	0.0	5.407	0.000	2	1	1	1
458205	PL.7031	A	Consumer	7.11Y	118.6	0.00	7.45	0.92	0	6	2	95	0.00	0.0	5.333	0.000	6	2	1	1
458207	PL.27856	A	Consumer	7.11Y	118.6	0.00	7.44	0.00	0	0	0	100	0.00	0.0	5.189	0.000	0	0	0	0
458202	PL.27856	A	Consumer	7.11Y	118.6	0.00	7.44	0.73	0	5	2	93	0.00	0.0	5.189	0.000	5	2	1	1
458302	PL.7029	A	Consumer	7.12Y	118.6	0.00	7.39	0.41	0	3	1	95	0.00	0.0	4.827	0.000	3	1	1	1
458339	PL.7029	A	Consumer	7.12Y	118.6	0.00	7.39	0.55	0	4	1	97	0.00	0.0	4.827	0.000	4	1	1	1
PL.40902	PL.40905	A	4ACSR	7.12Y	118.6	0.00	7.35	17.71	15	117	46	93	0.00	0.0	4.656	0.005	0	0	0	40
C PD.7285	PL.40902	A	fuse6AMP	7.12Y	118.6	0.00	7.35	17.71	303	117	46	93	0.00	0.0	4.656	0.000	0	0	0	40 C
PL.40903	PD.7285	A	4ACSR	7.11Y	118.5	0.17	7.52	17.71	15	117	46	93	0.16	0.1	4.863	0.207	0	0	0	40
458303	PL.40903	A	Consumer	7.11Y	118.5	0.00	7.52	0.17	0	1	0	100	0.00	0.0	4.863	0.000	1	0	1	1
PL.41004	PL.40903	A	4ACSR	7.11Y	118.5	0.00	7.52	1.03	1	7	3	92	0.00	0.0	4.872	0.009	0	0	0	2
PD.7316	PL.41004	A	fuse6AMP	7.11Y	118.5	0.00	7.52	1.03	18	7	3	92	0.00	0.0	4.872	0.000	0	0	0	2

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, % 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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	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	% Loss
L PL.28559	PL.28558	A	4ACSR	7.07Y	117.8	0.04	8.20	9.83	8	65	25	93	0.02	0.0	5.900	0.090	0	0	0	21	L
L 030214	PL.28559	A	Consumer	7.07Y	117.8	0.00	8.20	0.25	0	2	1	89	0.00	0.0	5.900	0.000	2	1	1	1	L
L PL.28562	PL.28559	A	4ACSR	7.07Y	117.8	0.04	8.24	9.58	8	63	24	93	0.02	0.0	5.996	0.096	0	0	0	20	L
L PL.28563	PL.28562	A	4ACSR	7.06Y	117.7	0.03	8.27	8.72	7	57	22	93	0.01	0.0	6.063	0.067	0	0	0	19	L
L 0302019	PL.28563	A	Consumer	7.06Y	117.7	0.00	8.27	0.42	0	3	1	95	0.00	0.0	6.063	0.000	3	1	1	1	L
L 030229	PL.28563	A	Consumer	7.06Y	117.7	0.00	8.27	0.00	0	0	0	100	0.00	0.0	6.063	0.000	0	0	0	0	L
L PL.28564	PL.28563	A	4ACSR	7.06Y	117.7	0.02	8.29	8.30	7	55	21	93	0.01	0.0	6.114	0.051	0	0	0	18	L
L PL.41472	PL.28564	A	4ACSR	7.06Y	117.7	0.01	8.30	7.24	6	48	18	94	0.00	0.0	6.133	0.019	0	0	0	16	L
L PD.7321	PL.41472	A	fuse6AMP	7.06Y	117.7	0.00	8.30	7.24	124	48	18	94	0.00	0.0	6.133	0.000	0	0	0	16	L
L PL.41471	PD.7321	A	4ACSR	7.06Y	117.7	0.01	8.30	3.24	3	21	8	93	0.00	0.0	6.170	0.037	0	0	0	6	L
L PL.28810	PL.41471	A	4ACSR	7.06Y	117.7	0.01	8.31	2.56	2	17	7	92	0.00	0.0	6.252	0.082	0	0	0	4	L
L 030224	PL.28810	A	Consumer	7.06Y	117.7	0.00	8.31	0.61	0	4	2	89	0.00	0.0	6.252	0.000	4	2	1	1	L
L PL.23032	PL.28810	A	4ACSR	7.06Y	117.7	0.00	8.31	1.95	2	13	5	93	0.00	0.0	6.270	0.018	0	0	0	3	L
L PL.23033	PL.23032	A	4ACSR	7.06Y	117.7	0.02	8.33	1.03	1	7	3	92	0.00	0.0	6.610	0.340	0	0	0	2	L
L 031203	PL.23033	A	Consumer	7.06Y	117.7	0.00	8.33	0.45	0	3	1	95	0.00	0.0	6.610	0.000	3	1	1	1	L
L PL.23029	PL.23033	A	4ACSR	7.06Y	117.7	0.00	8.33	0.58	0	4	1	97	0.00	0.0	6.679	0.069	0	0	0	1	L
L 031204	PL.23029	A	Consumer	7.06Y	117.7	0.00	8.33	0.58	0	4	1	97	0.00	0.0	6.679	0.000	4	1	1	1	L
L PL.36077	PL.23029	A	2ACSR	7.06Y	117.7	0.00	8.33	0.00	0	0	0	100	0.00	0.0	6.724	0.045	0	0	0	0	L
L 0312005	PL.36077	A	Consumer	7.06Y	117.7	0.00	8.33	0.00	0	0	0	100	0.00	0.0	6.724	0.000	0	0	0	0	L
L 030228	PL.23032	A	Consumer	7.06Y	117.7	0.00	8.31	0.91	0	6	2	95	0.00	0.0	6.270	0.000	6	2	1	1	L
L 030211	PL.41471	A	Consumer	7.06Y	117.7	0.00	8.30	0.24	0	2	1	89	0.00	0.0	6.170	0.000	2	1	1	1	L
L 030208	PL.41471	A	Consumer	7.06Y	117.7	0.00	8.30	0.44	0	3	1	95	0.00	0.0	6.170	0.000	3	1	1	1	L
L PL.41473	PD.7321	A	4ACSR	7.06Y	117.7	0.00	8.30	3.99	3	26	10	93	0.00	0.0	6.160	0.027	0	0	0	10	L
L PL.28624	PL.41473	A	4ACSR	7.06Y	117.7	0.01	8.31	3.66	3	24	9	94	0.00	0.0	6.201	0.041	0	0	0	9	L
L PL.23167	PL.28624	A	4ACSR	7.06Y	117.7	0.01	8.32	2.45	2	16	6	94	0.00	0.0	6.267	0.066	0	0	0	6	L
L 030219	PL.23167	A	Consumer	7.06Y	117.7	0.00	8.32	0.29	0	2	1	89	0.00	0.0	6.267	0.000	2	1	1	1	L
L 030217	PL.23167	A	Consumer	7.06Y	117.7	0.00	8.32	0.61	0	4	2	89	0.00	0.0	6.267	0.000	4	2	1	1	L
L 030227	PL.23167	A	Consumer	7.06Y	117.7	0.00	8.32	0.09	0	1	0	100	0.00	0.0	6.267	0.000	1	0	1	1	L
L PL.41016	PL.23167	A	4ACSR	7.06Y	117.7	0.00	8.32	0.78	1	5	2	93	0.00	0.0	6.279	0.013	0	0	0	1	L
L PD.7322	PL.41016	A	fuse6AMP	7.06Y	117.7	0.00	8.32	0.78	13	5	2	93	0.00	0.0	6.279	0.000	0	0	0	1	L
L PL.41017	PD.7322	A	4ACSR	7.06Y	117.7	0.00	8.32	0.78	1	5	2	93	0.00	0.0	6.353	0.074	0	0	0	1	L
L 030222	PL.41017	A	Consumer	7.06Y	117.7	0.00	8.32	0.79	0	5	2	93	0.00	0.0	6.353	0.000	5	2	1	1	L
L PL.46539	PL.41017	A	1/0EPRJCN	7.06Y	117.7	-0.00	8.32	-0.02	0	0	0	100	0.00	0.0	6.388	0.035	0	0	0	0	L
L 0302020	PL.46539	A	Consumer	7.06Y	117.7	0.00	8.32	0.00	0	0	0	100	0.00	0.0	6.388	0.000	0	0	0	0	L
L PL.23034	PL.23167	A	4ACSR	7.06Y	117.7	0.00	8.32	0.69	1	5	2	93	0.00	0.0	6.303	0.036	0	0	0	2	L
L PL.23265	PL.23034	A	4ACSR	7.06Y	117.7	0.00	8.32	0.69	1	5	2	93	0.00	0.0	6.423	0.120	0	0	0	1	L
L 030220	PL.23265	A	Consumer	7.06Y	117.7	0.00	8.32	0.69	0	5	2	93	0.00	0.0	6.423	0.000	5	2	1	1	L
L 030230	PL.23034	A	Consumer	7.06Y	117.7	0.00	8.32	0.00	0	0	0	100	0.00	0.0	6.303	0.000	0	0	1	1	L

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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								
L 030226	PL.28624	A	Consumer	7.06Y	117.7	0.00	8.31	0.61	0	4	2	89	0.00	0.0	6.201	0.000	4	2	1	1	L
L 030223	PL.28624	A	Consumer	7.06Y	117.7	0.00	8.31	0.00	0	0	0	100	0.00	0.0	6.201	0.000	0	0	1	1	L
L 030218	PL.28624	A	Consumer	7.06Y	117.7	0.00	8.31	0.59	0	4	2	89	0.00	0.0	6.201	0.000	4	2	1	1	L
L 030203	PL.41473	A	Consumer	7.06Y	117.7	0.00	8.30	0.33	0	2	1	89	0.00	0.0	6.160	0.000	2	1	1	1	L
L 030210	PL.28564	A	Consumer	7.06Y	117.7	0.00	8.29	0.18	0	1	0	100	0.00	0.0	6.114	0.000	1	0	1	1	L
L 030221	PL.28564	A	Consumer	7.06Y	117.7	0.00	8.29	0.88	0	6	2	95	0.00	0.0	6.114	0.000	6	2	1	1	L
L PL.41012	PL.28562	A	4ACSR	7.07Y	117.8	0.00	8.25	0.86	1	6	2	95	0.00	0.0	6.001	0.005	0	0	0	1	L
L PD.7320	PL.41012	A	fuse6AMP	7.07Y	117.8	0.00	8.25	0.86	15	6	2	95	0.00	0.0	6.001	0.000	0	0	0	1	L
L PL.41013	PD.7320	A	4ACSR	7.07Y	117.8	0.00	8.25	0.86	1	6	2	95	0.00	0.0	6.087	0.086	0	0	0	1	L
L 0302018	PL.41013	A	Consumer	7.07Y	117.8	0.00	8.25	0.86	0	6	2	95	0.00	0.0	6.087	0.000	6	2	1	1	L
L 030216	PL.28558	A	Consumer	7.07Y	117.8	0.00	8.16	0.08	0	1	0	100	0.00	0.0	5.809	0.000	1	0	1	1	L
L PL.41008	PL.28558	A	4ACSR	7.07Y	117.8	0.00	8.16	0.86	1	6	2	95	0.00	0.0	5.817	0.008	0	0	0	2	L
L PD.7318	PL.41008	A	fuse6AMP	7.07Y	117.8	0.00	8.16	0.86	15	6	2	95	0.00	0.0	5.817	0.000	0	0	0	2	L
L PL.41009	PD.7318	A	4ACSR	7.07Y	117.8	0.00	8.16	0.86	1	6	2	95	0.00	0.0	5.881	0.063	0	0	0	2	L
L PL.23030	PL.41009	A	4ACSR	7.07Y	117.8	0.00	8.17	0.86	1	6	2	95	0.00	0.0	5.885	0.004	0	0	0	2	L
L 030215	PL.23030	A	Consumer	7.07Y	117.8	0.00	8.17	0.07	0	0	0	100	0.00	0.0	5.885	0.000	0	0	1	1	L
L 030206	PL.23030	A	Consumer	7.07Y	117.8	0.00	8.17	0.79	0	5	2	93	0.00	0.0	5.885	0.000	5	2	1	1	L
L PL.23031	PL.23030	A	4ACSR	7.07Y	117.8	0.00	8.17	0.00	0	0	0	100	0.00	0.0	6.106	0.221	0	0	0	0	L
L 030212	PL.23031	A	Consumer	7.07Y	117.8	0.00	8.17	0.00	0	0	0	100	0.00	0.0	6.106	0.000	0	0	0	0	L
L 459217	PL.21530	A	Consumer	7.07Y	117.9	0.00	8.10	0.13	0	1	0	100	0.00	0.0	5.697	0.000	1	0	1	1	L
L 459213	PL.21530	A	Consumer	7.07Y	117.9	0.00	8.10	0.65	0	4	2	89	0.00	0.0	5.697	0.000	4	2	1	1	L
L 459222	PL.21530	A	Consumer	7.07Y	117.9	0.00	8.10	0.94	0	6	2	95	0.00	0.0	5.697	0.000	6	2	1	1	L
459220	PL.33979	A	Consumer	7.09Y	118.2	0.00	7.77	0.02	0	0	0	100	0.00	0.0	5.199	0.000	0	0	1	1	
459204	PL.33979	A	Consumer	7.09Y	118.2	0.00	7.77	0.68	0	4	2	89	0.00	0.0	5.199	0.000	4	2	1	1	
PL.41006	PL.36668	A	2ACSR	7.10Y	118.3	0.00	7.71	0.63	0	4	2	89	0.00	0.0	5.131	0.011	0	0	0	1	
PD.7317-A	PL.41006	A	Closed	7.10Y	118.3	0.00	7.71	0.63	0	4	2	89	0.00	0.0	5.131	0.000	0	0	0	1	
PD.7317-B	PD.7317-A	A	Closed	7.10Y	118.3	0.00	7.71	0.63	0	4	2	89	0.00	0.0	5.131	0.000	0	0	0	1	
PL.41007	PD.7317-B	A	2ACSR	7.10Y	118.3	0.01	7.73	0.63	0	4	2	89	0.00	0.0	5.691	0.560	0	0	0	1	
PL.36671	PL.41007	A	2ACSR	7.10Y	118.3	0.00	7.73	0.63	0	4	2	89	0.00	0.0	5.804	0.113	0	0	0	1	
4582008	PL.36671	A	Consumer	7.10Y	118.3	0.00	7.73	0.63	0	4	2	89	0.00	0.0	5.804	0.000	4	2	1	1	
458336	PL.7030	A	Consumer	7.13Y	118.8	0.00	7.25	0.04	0	0	0	100	0.00	0.0	4.557	0.000	0	0	1	1	
458305	PL.7030	A	Consumer	7.13Y	118.8	0.00	7.25	0.12	0	1	0	100	0.00	0.0	4.557	0.000	1	0	1	1	
458355	PL.22111	A	Consumer	7.16Y	119.3	0.00	6.71	0.00	0	0	0	100	0.00	0.0	4.061	0.000	0	0	0	0	
PL.41723	PL.9477	B	4ACSR	7.17Y	119.4	0.00	6.57	0.85	1	6	2	95	0.00	0.0	3.857	0.005	0	0	0	3	
PD.7506	PL.41723	B	fuse6AMP	7.17Y	119.4	0.00	6.57	0.85	15	6	2	95	0.00	0.0	3.857	0.000	0	0	0	3	
PL.41724	PD.7506	B	4ACSR	7.17Y	119.4	0.01	6.58	0.85	1	6	2	95	0.00	0.0	3.997	0.140	0	0	0	3	
458352	PL.41724	B	Consumer	7.17Y	119.4	0.00	6.58	0.30	0	2	1	89	0.00	0.0	3.997	0.000	2	1	1	1	
458353	PL.41724	B	Consumer	7.17Y	119.4	0.00	6.58	0.54	0	4	1	97	0.00	0.0	3.997	0.000	4	1	1	1	

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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							
4583062	PL.41724	B	Consumer	7.17Y	119.4	0.00	6.58	0.02	0	0	0	100	0.00	0.0	3.997	0.000	0	0	1	1
458356	PL.9477	B	Consumer	7.17Y	119.4	0.00	6.57	0.00	0	0	0	100	0.00	0.0	3.852	0.000	0	0	1	1
458354	PL.39222	C	Consumer	7.16Y	119.4	0.00	6.61	1.01	0	7	3	92	0.00	0.0	3.717	0.000	7	3	1	1
458357	PL.39222	C	Consumer	7.16Y	119.4	0.00	6.61	0.11	0	1	0	100	0.00	0.0	3.717	0.000	1	0	1	1
PL.16893	PL.9718	C	4ACSR	7.21Y	120.1	0.00	5.91	0.38	0	3	1	95	0.00	0.0	3.410	0.008	0	0	0	1
PD.1514	PL.16893	C	fuse6AMP	7.21Y	120.1	0.00	5.91	0.38	7	3	1	95	0.00	0.0	3.410	0.000	0	0	0	1
PL.16894	PD.1514	C	4ACSR	7.21Y	120.1	0.00	5.91	0.38	0	3	1	95	0.00	0.0	3.544	0.134	0	0	0	1
458345	PL.16894	C	Consumer	7.21Y	120.1	0.00	5.91	0.38	0	3	1	95	0.00	0.0	3.544	0.000	3	1	1	1
459323	PL.40909	C	Consumer	7.25Y	120.8	0.00	5.18	0.47	0	3	1	95	0.00	0.0	3.079	0.000	3	1	1	1
PL.41715	PL.9721	B	4ACSR	7.32Y	121.9	0.00	4.08	0.74	1	5	2	93	0.00	0.0	2.798	0.006	0	0	0	1
PD.7502	PL.41715	B	fuse6AMP	7.32Y	121.9	0.00	4.08	0.74	13	5	2	93	0.00	0.0	2.798	0.000	0	0	0	1
PL.41716	PD.7502	B	4ACSR	7.32Y	121.9	0.00	4.08	0.74	1	5	2	93	0.00	0.0	2.841	0.044	0	0	0	1
459304	PL.41716	B	Consumer	7.32Y	121.9	0.00	4.08	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	122.9	0.00	3.13	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	122.9	0.00	3.13	0.00	0	0	0	100	0.00	0.0	2.425	0.000	0	0	0	0
030311	PL.19708	C	Consumer	7.38Y	122.9	0.00	3.06	0.15	0	1	0	100	0.00	0.0	2.206	0.000	1	0	1	1
030306	PL.19708	C	Consumer	7.38Y	122.9	0.00	3.06	3.08	0	20	10	89	0.00	0.0	2.206	0.000	20	10	1	1
031403	PL.4884	A	Consumer	7.48Y	124.6	0.00	1.37	0.46	0	3	1	95	0.00	0.0	1.825	0.000	3	1	1	1
031422	PL.4884	B	Consumer	7.47Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	1.825	0.000	0	0	0	0
031404	PL.40692	A	Consumer	7.49Y	124.8	0.00	1.19	0.06	0	0	0	100	0.00	0.0	1.751	0.000	0	0	1	1
PL.27275	PL.9727	B	4ACSR	7.51Y	125.1	0.00	0.90	0.62	1	4	2	89	0.00	0.0	1.591	0.005	0	0	0	1
PD.1197	PL.27275	B	fuse6AMP	7.51Y	125.1	0.00	0.90	0.62	11	4	2	89	0.00	0.0	1.591	0.000	0	0	0	1
PL.27276	PD.1197	B	4ACSR	7.51Y	125.1	0.00	0.90	0.62	1	4	2	89	0.00	0.0	1.661	0.069	0	0	0	1
031415	PL.27276	B	Consumer	7.51Y	125.1	0.00	0.90	0.62	0	4	2	89	0.00	0.0	1.661	0.000	4	2	1	1
PL.1716	PL.9732	C	4ACSR	7.46Y	124.4	0.00	1.59	0.87	1	6	2	95	0.00	0.0	0.613	0.064	0	0	0	2
032447	PL.1716	C	Consumer	7.46Y	124.4	0.00	1.59	0.29	0	2	1	89	0.00	0.0	0.613	0.000	2	1	1	1
032421	PL.1716	C	Consumer	7.46Y	124.4	0.00	1.59	0.58	0	4	2	89	0.00	0.0	0.613	0.000	4	2	1	1
032471	PL.9732	A	Consumer	7.48Y	124.7	0.00	1.30	0.01	0	0	0	100	0.00	0.0	0.549	0.000	0	0	1	1
032483	PL.9732	A	Consumer	7.48Y	124.7	0.00	1.30	0.36	0	3	1	95	0.00	0.0	0.549	0.000	3	1	1	1
032448	PL.9732	A	Consumer	7.48Y	124.7	0.00	1.30	1.48	0	10	4	93	0.00	0.0	0.549	0.000	10	4	1	1
032497	PL.9732	A	Consumer	7.48Y	124.7	0.00	1.30	0.53	0	4	1	97	0.00	0.0	0.549	0.000	4	1	1	1
032469	PL.9732	A	Consumer	7.48Y	124.7	0.00	1.30	0.90	0	6	2	95	0.00	0.0	0.549	0.000	6	2	1	1
032468	PL.9732	A	Consumer	7.48Y	124.7	0.00	1.30	0.14	0	1	0	100	0.00	0.0	0.549	0.000	1	0	1	1
032435	PL.19755	A	Consumer	7.50Y	125.0	0.00	1.02	0.46	0	3	1	95	0.00	0.0	0.446	0.000	3	1	1	1
032402	PL.19755	A	Consumer	7.50Y	125.0	0.00	1.02	0.79	0	6	2	95	0.00	0.0	0.446	0.000	6	2	1	1
032476	PL.19755	A	Consumer	7.50Y	125.0	0.00	1.02	0.58	0	4	2	89	0.00	0.0	0.446	0.000	4	2	1	1
032493	PL.9734	A	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.359	0.000	0	0	1	1
032403	PL.9734	A	Consumer	7.51Y	125.2	0.00	0.79	0.65	0	5	2	93	0.00	0.0	0.359	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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 032496, 032442, etc., and a section for Feeder No. 2 (FRNBURG2).

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.26204, PL.23866, 033482, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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									
PD.269-B	PD.269-A	A	Closed	7.53Y	125.5	0.00	0.54	52.44	0	363	155	92	0.00	0.0	0.926	0.000	0	0	0	52		
		B		7.50Y	125.0	0.00	1.01	94.04	0	647	281	92					0	0	0	124		
		C		7.54Y	125.7	0.00	0.26	55.14	0	381	168	92					0	0	0	55		
PL.42184	PD.269-B	A	397ACSR	7.53Y	125.5	0.01	0.55	52.44	11	363	155	92	0.06	0.0	0.943	0.017	0	0	0	52		
		B		7.50Y	125.0	0.02	1.03	94.04	19	647	281	92					0	0	0	124		
		C		7.54Y	125.7	0.00	0.26	55.14	11	381	168	92					0	0	0	55		
PL.28100	PL.42184	A	397ACSR	7.53Y	125.5	0.00	0.55	52.44	11	363	155	92	0.02	0.0	0.948	0.005	0	0	0	52		
		B		7.50Y	125.0	0.00	1.03	94.04	19	647	281	92					0	0	0	124		
		C		7.54Y	125.7	0.00	0.26	55.14	11	381	168	92					0	0	0	55		
PL.42185	PL.28100	A	397ACSR	7.53Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	0.978	0.030	0	0	0	0		
		B		7.50Y	125.0	0.00	1.03	0.00	0	0	0	100					0	0	0	0		
		C		7.54Y	125.7	0.00	0.26	0.00	0	0	0	100					0	0	0	0		
PD.7638-A	PL.42185	A	Open	7.53Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	0.978	0.000	0	0	0	0		
		B		7.50Y	125.0	0.00	1.03	0.00	0	0	0	100					0	0	0	0		
		C		7.54Y	125.7	0.00	0.26	0.00	0	0	0	100					0	0	0	0		
PL.42181	PL.28100	A	397ACSR	7.53Y	125.4	0.01	0.56	52.44	11	363	155	92	0.07	0.0	0.968	0.020	0	0	0	52		
		B		7.50Y	124.9	0.02	1.05	94.04	19	647	281	92					0	0	0	124		
		C		7.54Y	125.7	0.00	0.26	55.14	11	381	168	92					0	0	0	55		
PD.268-A	PL.42181	A	Closed	7.53Y	125.4	0.00	0.56	52.44	0	363	155	92	0.00	0.0	0.968	0.000	0	0	0	52		
		B		7.50Y	124.9	0.00	1.05	94.04	0	647	281	92					0	0	0	124		
		C		7.54Y	125.7	0.00	0.26	55.14	0	381	168	92					0	0	0	55		
PD.268-B	PD.268-A	A	Closed	7.53Y	125.4	0.00	0.56	52.44	0	363	155	92	0.00	0.0	0.968	0.000	0	0	0	52		
		B		7.50Y	124.9	0.00	1.05	94.04	0	647	281	92					0	0	0	124		
		C		7.54Y	125.7	0.00	0.26	55.14	0	381	168	92					0	0	0	55		
PL.42182	PD.268-B	A	397ACSR	7.53Y	125.4	0.01	0.57	52.44	11	363	155	92	0.08	0.0	0.990	0.022	0	0	0	52		
		B		7.50Y	124.9	0.02	1.07	94.04	19	647	281	92					0	0	0	124		
		C		7.54Y	125.7	0.00	0.27	55.14	11	381	168	92					0	0	0	55		
PL.21357	PL.42182	A	397ACSR	7.52Y	125.4	0.01	0.58	47.86	10	333	136	93	0.11	0.0	1.024	0.034	0	0	0	52		
		B		7.49Y	124.9	0.03	1.10	89.43	18	617	263	92					0	0	0	123		
		C		7.54Y	125.7	0.00	0.27	50.56	10	351	149	92					0	0	0	55		
PL.200	PL.21357	A	397ACSR	7.52Y	125.4	0.04	0.63	47.86	10	333	136	93	0.31	0.0	1.123	0.099	0	0	0	52		
		B		7.49Y	124.8	0.09	1.19	89.43	18	617	262	92					0	0	0	123		
		C		7.54Y	125.7	0.01	0.28	50.56	10	351	149	92					0	0	0	55		
PL.18018	PL.200	A	397ACSR	7.52Y	125.4	0.00	0.63	3.37	1	23	10	92	0.00	0.0	1.165	0.042	0	0	0	10		
		B		7.49Y	124.8	0.00	1.19	3.17	1	22	9	92					0	0	0	5		
		C		7.54Y	125.7	0.00	0.28	2.87	1	20	9	92					0	0	0	4		
PD.2826	PL.18018	A	fuse6AMP	7.52Y	125.4	0.00	0.63	3.37	57	23	10	92	0.00	0.0	1.165	0.000	0	0	0	10		
		B		7.49Y	124.8	0.00	1.19	3.17	54	22	9	92					0	0	0	5		
		C		7.54Y	125.7	0.00	0.28	2.87	49	20	9	92					0	0	0	4		
PL.18019	PD.2826	A	397ACSR	7.52Y	125.4	0.00	0.63	3.37	1	23	10	92	0.00	0.0	1.179	0.014	0	0	0	10		
		B		7.49Y	124.8	0.00	1.19	3.17	1	22	9	92					0	0	0	5		
		C		7.54Y	125.7	0.00	0.29	2.87	1	20	9	92					0	0	0	4		
541911	PL.18019	C	Consumer	7.54Y	125.7	0.00	0.29	0.68	0	5	2	93	0.00	0.0	1.179	0.000	5	2	1	1		
541904	PL.18019	C	Consumer	7.54Y	125.7	0.00	0.29	0.27	0	2	1	89	0.00	0.0	1.179	0.000	2	1	1	1		
541908	PL.18019	C	Consumer	7.54Y	125.7	0.00	0.29	0.19	0	1	1	71	0.00	0.0	1.179	0.000	1	1	1	1		
PL.19127	PL.18019	A	397ACSR	7.52Y	125.4	0.00	0.63	2.71	1	19	8	92	0.00	0.0	1.218	0.038	0	0	0	9		
		B		7.49Y	124.8	0.00	1.19	3.17	1	22	9	92					0	0	0	5		
		C		7.54Y	125.7	0.00	0.29	1.73	0	12	5	91					0	0	0	1		
PL.19128	PL.19127	A	397ACSR	7.52Y	125.4	0.00	0.63	2.46	1	17	7	92	0.00	0.0	1.248	0.030	0	0	0	6		
		B		7.49Y	124.8	0.00	1.19	3.17	1	22	9	92					0	0	0	5		
		C		7.54Y	125.7	0.00	0.29	1.73	0	12	5	91					0	0	0	1		
541909	PL.19128	A	Consumer	7.52Y	125.4	0.00	0.63	0.45	0	3	1	95	0.00	0.0	1.248	0.000	3	1	1	1		
541901	PL.19128	A	Consumer	7.52Y	125.4	0.00	0.63	0.13	0	1	0	100	0.00	0.0	1.248	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\EXISTING JUL05 CWP.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.26217, PL.26218, 543001, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 544001, 542902, 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.187-A, PD.187-B, PL.18613, 546503, PL.7377, PL.19726, 547508, PL.19727, PL.7388, 548502, PL.21302, 549605, 5496007, 549601, PL.21303, 549604, 549603, PL.7384, PL.24644, 034406, PL.11279, PL.17996, 034415, PL.21525.

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.21102, PL.31913, 0344020, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.3103	PL.17423	C	25L	7.51Y	125.1	0.00	0.85	11.36	45	79	31	93	0.00	0.0	3.495	0.000	0	0	0	19
PL.17424	PD.3103	C	4ACSR	7.51Y	125.1	0.03	0.88	11.36	10	79	31	93	0.02	0.0	3.552	0.056	0	0	0	19
PL.21702	PL.17424	C	4ACSR	7.51Y	125.1	0.00	0.88	1.42	1	10	4	93	0.00	0.0	3.555	0.004	0	0	0	2
PD.2667	PL.21702	C	fuse6AMP	7.51Y	125.1	0.00	0.88	1.42	24	10	4	93	0.00	0.0	3.555	0.000	0	0	0	2
PL.21703	PD.2667	C	4ACSR	7.51Y	125.1	0.00	0.88	1.42	1	10	4	93	0.00	0.0	3.584	0.029	0	0	0	2
PL.2046	PL.21703	C	4ACSR	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	3.587	0.002	0	0	0	0
035486	PL.21703	C	Consumer	7.51Y	125.1	0.00	0.88	0.70	0	5	2	93	0.00	0.0	3.584	0.000	5	2	1	1
035410	PL.21703	C	Consumer	7.51Y	125.1	0.00	0.88	0.71	0	5	2	93	0.00	0.0	3.584	0.000	5	2	1	1
PL.11485	PL.17424	C	4ACSR	7.50Y	125.1	0.06	0.94	9.95	8	70	27	93	0.03	0.0	3.679	0.127	0	0	0	17
035412	PL.11485	C	Consumer	7.50Y	125.1	0.00	0.94	0.27	0	2	1	89	0.00	0.0	3.679	0.000	2	1	1	1
PL.11486	PL.11485	C	4ACSR	7.50Y	125.0	0.02	0.96	5.42	5	38	15	93	0.01	0.0	3.771	0.092	0	0	0	10
035473	PL.11486	C	Consumer	7.50Y	125.0	0.00	0.96	0.73	0	5	2	93	0.00	0.0	3.771	0.000	5	2	1	1
035474	PL.11486	C	Consumer	7.50Y	125.0	0.00	0.96	0.53	0	4	1	97	0.00	0.0	3.771	0.000	4	1	1	1
PL.11940	PL.11486	C	4ACSR	7.50Y	125.0	0.01	0.97	4.16	3	29	11	93	0.00	0.0	3.811	0.041	0	0	0	8
PL.19695	PL.11940	C	4ACSR	7.50Y	125.0	0.01	0.98	3.91	3	27	11	93	0.00	0.0	3.865	0.054	0	0	0	6
035414	PL.19695	C	Consumer	7.50Y	125.0	0.00	0.98	0.00	0	0	0	100	0.00	0.0	3.865	0.000	0	0	1	1
PL.19696	PL.19695	C	4ACSR	7.50Y	125.0	0.03	1.00	3.91	3	27	11	93	0.01	0.0	4.007	0.142	0	0	0	5
PL.1834	PL.19696	C	4ACSR	7.50Y	125.0	0.00	1.01	0.69	1	5	2	93	0.00	0.0	4.079	0.072	0	0	0	1
035470	PL.1834	C	Consumer	7.50Y	125.0	0.00	1.01	0.69	0	5	2	93	0.00	0.0	4.079	0.000	5	2	1	1
PL.11941	PL.19696	C	4ACSR	7.50Y	125.0	0.01	1.01	3.22	3	23	9	93	0.00	0.0	4.058	0.052	0	0	0	4
PL.11942	PL.11941	C	4ACSR	7.50Y	125.0	0.01	1.02	2.48	2	17	7	92	0.00	0.0	4.143	0.085	0	0	0	3
PL.1833	PL.11942	C	4ACSR	7.50Y	125.0	0.00	1.02	0.67	1	5	2	93	0.00	0.0	4.218	0.074	0	0	0	1
036413	PL.1833	C	Consumer	7.50Y	125.0	0.00	1.02	0.67	0	5	2	93	0.00	0.0	4.218	0.000	5	2	1	1
036404	PL.11942	C	Consumer	7.50Y	125.0	0.00	1.02	1.16	0	8	3	94	0.00	0.0	4.143	0.000	8	3	1	1
PL.6405	PL.11942	C	4ACSR	7.50Y	125.0	0.00	1.02	0.65	1	5	2	93	0.00	0.0	4.194	0.051	0	0	0	1
PL.6406	PL.6405	C	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	4.518	0.324	0	0	0	0
PL.6381	PL.6406	C	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	4.771	0.253	0	0	0	0
036431	PL.6405	C	Consumer	7.50Y	125.0	0.00	1.02	0.65	0	5	2	93	0.00	0.0	4.194	0.000	5	2	1	1
PL.1835	PL.11941	C	4ACSR	7.50Y	125.0	0.00	1.01	0.74	1	5	2	93	0.00	0.0	4.119	0.061	0	0	0	1
036420	PL.1835	C	Consumer	7.50Y	125.0	0.00	1.01	0.74	0	5	2	93	0.00	0.0	4.119	0.000	5	2	1	1
PL.6383	PL.11940	C	4ACSR	7.50Y	125.0	0.00	0.97	0.25	0	2	1	89	0.00	0.0	3.917	0.105	0	0	0	1
PL.6384	PL.6383	C	4ACSR	7.50Y	125.0	0.00	0.97	0.25	0	2	1	89	0.00	0.0	4.027	0.110	0	0	0	1
036405	PL.6384	C	Consumer	7.50Y	125.0	0.00	0.97	0.25	0	2	1	89	0.00	0.0	4.027	0.000	2	1	1	1
035469	PL.11940	C	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	3.811	0.000	0	0	1	1
PL.6401	PL.11485	C	4ACSR	7.50Y	125.1	0.01	0.95	2.27	2	16	6	94	0.00	0.0	3.754	0.076	0	0	0	3
035488	PL.6401	C	Consumer	7.50Y	125.1	0.00	0.95	0.79	0	6	2	95	0.00	0.0	3.754	0.000	6	2	1	1
PL.6402	PL.6401	C	4ACSR	7.50Y	125.0	0.00	0.95	1.47	1	10	4	93	0.00	0.0	3.818	0.064	0	0	0	2
PL.2114	PL.6402	C	4ACSR	7.50Y	125.0	0.00	0.95	0.63	1	4	2	89	0.00	0.0	3.856	0.038	0	0	0	1

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-							% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR											
035497	PL.2114	C	Consumer	7.50Y	125.0	0.00	0.95	0.63	0	4	2	89	0.00	0.0	3.856	0.000	4	2	1	1		
035413	PL.6402	C	Consumer	7.50Y	125.0	0.00	0.95	0.84	0	6	2	95	0.00	0.0	3.818	0.000	6	2	1	1		
PL.11487	PL.11485	C	4ACSR	7.50Y	125.1	0.00	0.94	1.99	2	14	5	94	0.00	0.0	3.710	0.032	0	0	0	3		
PL.11939	PL.11487	C	4ACSR	7.50Y	125.1	0.01	0.95	1.34	1	9	4	91	0.00	0.0	3.825	0.114	0	0	0	2		
035457	PL.11939	C	Consumer	7.50Y	125.1	0.00	0.95	0.39	0	3	1	95	0.00	0.0	3.825	0.000	3	1	1	1		
035428	PL.11939	C	Consumer	7.50Y	125.1	0.00	0.95	0.96	0	7	3	92	0.00	0.0	3.825	0.000	7	3	1	1		
PL.2051	PL.11487	C	4ACSR	7.50Y	125.1	0.00	0.94	0.65	1	5	2	93	0.00	0.0	3.752	0.042	0	0	0	1		
035485	PL.2051	C	Consumer	7.50Y	125.1	0.00	0.94	0.65	0	5	2	93	0.00	0.0	3.752	0.000	5	2	1	1		
PL.18410	PL.11284	A	1/0ACSR	7.42Y	123.6	0.09	2.38	36.67	18	252	103	93	0.86	0.1	3.596	0.106	0	0	0	31		
		B		7.25Y	120.9	0.19	5.11	82.29	41	554	225	93					0	0	0	108		
		C		7.51Y	125.2	-0.00	0.85	25.76	13	179	74	92					0	0	0	15		
PL.18411	PL.18410	A	1/0ACSR	7.41Y	123.6	0.05	2.43	36.67	18	252	103	93	0.43	0.0	3.649	0.053	0	0	0	31		
		B		7.25Y	120.8	0.10	5.20	82.29	41	553	225	93					0	0	0	108		
		C		7.51Y	125.2	-0.00	0.85	25.76	13	179	74	92					0	0	0	15		
PL.18780	PL.18411	B	4ACSR	7.25Y	120.8	0.00	5.20	1.88	2	13	5	93	0.00	0.0	3.659	0.010	0	0	0	3		
PD.541	PL.18780	B	fuse6AMP	7.25Y	120.8	0.00	5.20	1.88	32	13	5	93	0.00	0.0	3.659	0.000	0	0	0	3		
PL.18781	PD.541	B	4ACSR	7.25Y	120.8	0.00	5.20	1.88	2	13	5	93	0.00	0.0	3.681	0.023	0	0	0	3		
PL.2121	PL.18781	B	4ACSR	7.25Y	120.8	0.00	5.21	0.53	0	4	1	97	0.00	0.0	3.721	0.040	0	0	0	1		
035403	PL.2121	B	Consumer	7.25Y	120.8	0.00	5.21	0.53	0	4	1	97	0.00	0.0	3.721	0.000	4	1	1	1		
PL.2122	PL.18781	B	4ACSR	7.25Y	120.8	0.00	5.21	1.26	1	8	3	94	0.00	0.0	3.745	0.063	0	0	0	1		
035490	PL.2122	B	Consumer	7.25Y	120.8	0.00	5.21	1.26	0	8	3	94	0.00	0.0	3.745	0.000	8	3	1	1		
PL.11943	PL.18781	B	4ACSR	7.25Y	120.8	0.00	5.21	0.10	0	1	0	100	0.00	0.0	3.764	0.083	0	0	0	1		
PL.6387	PL.11943	B	4ACSR	7.25Y	120.8	0.00	5.21	0.10	0	1	0	100	0.00	0.0	3.764	0.000	0	0	0	1		
035442	PL.6387	B	Consumer	7.25Y	120.8	0.00	5.21	0.10	0	1	0	100	0.00	0.0	3.764	0.000	1	0	1	1		
PL.11944	PL.18411	A	1/0ACSR	7.41Y	123.5	0.03	2.46	36.67	18	252	103	93	0.26	0.0	3.682	0.034	0	0	0	31		
		B		7.24Y	120.7	0.06	5.26	80.40	40	540	219	93					0	0	0	105		
		C		7.51Y	125.2	0.00	0.85	25.76	13	179	74	92					0	0	0	15		
PL.28107	PL.11944	C	4ACSR	7.51Y	125.2	0.00	0.85	2.57	2	18	7	93	0.00	0.0	3.689	0.006	0	0	0	4		
PD.542	PL.28107	C	fuse6AMP	7.51Y	125.2	0.00	0.85	2.57	44	18	7	93	0.00	0.0	3.689	0.000	0	0	0	4		
PL.28108	PD.542	C	4ACSR	7.51Y	125.1	0.00	0.85	2.57	2	18	7	93	0.00	0.0	3.724	0.035	0	0	0	4		
035459	PL.28108	C	Consumer	7.51Y	125.1	0.00	0.85	1.10	0	8	3	94	0.00	0.0	3.724	0.000	8	3	1	1		
035461	PL.28108	C	Consumer	7.51Y	125.1	0.00	0.85	0.85	0	6	2	95	0.00	0.0	3.724	0.000	6	2	1	1		
035487	PL.28108	C	Consumer	7.51Y	125.1	0.00	0.85	0.07	0	0	0	100	0.00	0.0	3.724	0.000	0	0	1	1		
035462	PL.28108	C	Consumer	7.51Y	125.1	0.00	0.85	0.55	0	4	2	89	0.00	0.0	3.724	0.000	4	2	1	1		
035481	PL.28108	C	Consumer	7.51Y	125.1	0.00	0.85	0.00	0	0	0	100	0.00	0.0	3.724	0.000	0	0	0	0		
PL.11945	PL.11944	A	1/0ACSR	7.40Y	123.4	0.15	2.61	36.67	18	252	103	93	1.29	0.1	3.848	0.166	0	0	0	31		
		B		7.23Y	120.4	0.29	5.55	80.40	40	540	219	93					0	0	0	105		
		C		7.51Y	125.2	-0.01	0.84	23.19	12	161	67	92					0	0	0	11		
PL.11946	PL.11945	A	1/0ACSR	7.40Y	123.3	0.07	2.68	36.67	18	251	103	93	0.59	0.1	3.924	0.076	0	0	0	31		
		B		7.22Y	120.3	0.13	5.68	80.40	40	539	218	93					0	0	0	105		
		C		7.51Y	125.2	-0.01	0.83	22.09	11	153	64	92					0	0	0	8		
035438	PL.11946	C	Consumer	7.51Y	125.2	0.00	0.83	0.93	0	7	3	92	0.00	0.0	3.924	0.000	7	3	1	1		
035494	PL.11946	C	Consumer	7.51Y	125.2	0.00	0.83	0.86	0	6	2	95	0.00	0.0	3.924	0.000	6	2	1	1		

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.11947, PL.11951, PL.11952, 036401, 036402, 036414, 036421, PL.11948, PL.20575, PD.280-A, PD.280-B, PL.20576, PL.11950, PL.18257, C PD.1277, PL.18258, 035305, 035311, PL.11949, PL.21592, C PD.3512, PL.21593, PL.2099, 035364, 0353073, PL.11972, PL.11973, 035357, 035308.

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' and '-Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 CWP.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	
L PL.21113	PL.19476	B	4ACSR	7.00Y	116.7	0.00	9.26	0.71	1	5	2	93	0.00	0.0	8.261	0.117	0	0	0	1	L
L 036209	PL.21113	B	Consumer	7.00Y	116.7	0.00	9.26	0.71	0	5	2	93	0.00	0.0	8.261	0.000	5	2	1	1	L
L 036222	PL.19477	B	Consumer	7.01Y	116.8	0.00	9.25	0.52	0	3	1	95	0.00	0.0	8.037	0.000	3	1	1	1	L
L PL.23273	PL.25736	B	4ACSR	7.01Y	116.8	0.01	9.23	1.99	2	13	5	93	0.00	0.0	7.960	0.057	0	0	0	5	L
L PL.23274	PL.23273	B	4ACSR	7.01Y	116.8	0.01	9.24	1.98	2	13	5	93	0.00	0.0	8.022	0.062	0	0	0	4	L
L 036215	PL.23274	B	Consumer	7.01Y	116.8	0.00	9.24	0.03	0	0	0	100	0.00	0.0	8.022	0.000	0	0	1	1	L
L PL.45143	PL.23274	B	4ACSR	7.01Y	116.8	0.01	9.25	1.95	2	13	5	93	0.00	0.0	8.105	0.083	0	0	0	3	L
L 0362033	PL.45143	B	Consumer	7.01Y	116.8	0.00	9.25	0.00	0	0	0	100	0.00	0.0	8.105	0.000	0	0	0	0	L
L 036214	PL.45143	B	Consumer	7.01Y	116.8	0.00	9.25	0.38	0	2	1	89	0.00	0.0	8.105	0.000	2	1	1	1	L
L 036213	PL.45143	B	Consumer	7.01Y	116.8	0.00	9.25	0.89	0	6	2	95	0.00	0.0	8.105	0.000	6	2	1	1	L
L PL.45144	PL.45143	B	4ACSR	7.01Y	116.8	0.00	9.25	0.68	1	4	2	89	0.00	0.0	8.160	0.055	0	0	0	1	L
L 036210	PL.45144	B	Consumer	7.01Y	116.8	0.00	9.25	0.68	0	4	2	89	0.00	0.0	8.160	0.000	4	2	1	1	L
L 036228	PL.23273	B	Consumer	7.01Y	116.8	0.00	9.23	0.01	0	0	0	100	0.00	0.0	7.960	0.000	0	0	1	1	L
L 036206	PL.6360	B	Consumer	7.01Y	116.9	0.00	9.09	0.91	0	6	2	95	0.00	0.0	7.478	0.000	6	2	1	1	L
L 036204	PL.6360	B	Consumer	7.01Y	116.9	0.00	9.09	0.12	0	1	0	100	0.00	0.0	7.478	0.000	1	0	1	1	L
L 036211	PL.20389	B	Consumer	7.03Y	117.2	0.00	8.78	0.30	0	2	1	89	0.00	0.0	6.827	0.000	2	1	1	1	L
L 036224	PL.20389	B	Consumer	7.03Y	117.2	0.00	8.78	1.08	0	7	3	92	0.00	0.0	6.827	0.000	7	3	1	1	L
L 036223	PL.20389	B	Consumer	7.03Y	117.2	0.00	8.78	1.42	0	9	4	91	0.00	0.0	6.827	0.000	9	4	1	1	L
L 0352024	PL.40592	B	Consumer	7.06Y	117.7	0.00	8.26	0.86	0	6	2	95	0.00	0.0	5.973	0.000	6	2	1	1	L
L 035222	PL.20449	B	Consumer	7.07Y	117.8	0.00	8.21	0.59	0	4	2	89	0.00	0.0	5.895	0.000	4	2	1	1	L
L 035219	PL.20449	B	Consumer	7.07Y	117.8	0.00	8.21	0.00	0	0	0	100	0.00	0.0	5.895	0.000	0	0	0	0	L
L 035217	PL.25734	B	Consumer	7.07Y	117.8	0.00	8.16	0.59	0	4	2	89	0.00	0.0	5.827	0.000	4	2	1	1	L
L 035330	PL.19962	B	Consumer	7.08Y	118.0	0.00	8.00	1.33	0	9	3	95	0.00	0.0	5.616	0.000	9	3	1	1	L
L 035328	PL.19962	B	Consumer	7.08Y	118.0	0.00	8.00	0.52	0	3	1	95	0.00	0.0	5.616	0.000	3	1	1	1	L
035337	PL.6369	B	Consumer	7.09Y	118.2	0.00	7.85	0.41	0	3	1	95	0.00	0.0	5.453	0.000	3	1	1	1	
035302	PL.6364	B	Consumer	7.12Y	118.7	0.00	7.29	0.25	0	2	1	89	0.00	0.0	4.918	0.000	2	1	1	1	
PL.2091	PL.25731	B	4ACSR	7.13Y	118.8	0.00	7.15	1.08	1	7	3	92	0.00	0.0	4.843	0.045	0	0	0	0	1
035349	PL.2091	B	Consumer	7.13Y	118.8	0.00	7.15	1.08	0	7	3	92	0.00	0.0	4.843	0.000	7	3	1	1	
035322	PL.25731	B	Consumer	7.13Y	118.8	0.00	7.15	0.64	0	4	2	89	0.00	0.0	4.798	0.000	4	2	1	1	
035324	PL.25731	B	Consumer	7.13Y	118.8	0.00	7.15	0.00	0	0	0	100	0.00	0.0	4.798	0.000	0	0	0	0	
PL.26157	PL.11975	B	4ACSR	7.15Y	119.2	0.01	6.84	3.38	3	22	9	93	0.00	0.0	4.620	0.050	0	0	0	0	8
PL.2092	PL.26157	B	4ACSR	7.15Y	119.2	0.00	6.84	1.35	1	9	4	91	0.00	0.0	4.677	0.057	0	0	0	0	3
035317	PL.2092	B	Consumer	7.15Y	119.2	0.00	6.84	0.93	0	6	2	95	0.00	0.0	4.677	0.000	6	2	1	1	
035365	PL.2092	B	Consumer	7.15Y	119.2	0.00	6.84	0.10	0	1	0	100	0.00	0.0	4.677	0.000	1	0	1	1	
035318	PL.2092	B	Consumer	7.15Y	119.2	0.00	6.84	0.32	0	2	1	89	0.00	0.0	4.677	0.000	2	1	1	1	
PL.2094	PL.26157	B	4ACSR	7.15Y	119.2	0.00	6.84	1.41	1	9	4	91	0.00	0.0	4.649	0.029	0	0	0	0	2
035315	PL.2094	B	Consumer	7.15Y	119.2	0.00	6.84	0.07	0	0	0	100	0.00	0.0	4.649	0.000	0	0	1	1	
035321	PL.2094	B	Consumer	7.15Y	119.2	0.00	6.84	1.34	0	9	3	95	0.00	0.0	4.649	0.000	9	3	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	% PF	kW Loss	% Loss							
PL.25730	PL.26157	B	4ACSR	7.15Y	119.2	0.00	6.84	0.62	1	4	2	89	0.00	0.0	4.693	0.073	0	0	0	3
035362	PL.25730	B	Consumer	7.15Y	119.2	0.00	6.84	0.01	0	0	0	100	0.00	0.0	4.693	0.000	0	0	1	1
035348	PL.25730	B	Consumer	7.15Y	119.2	0.00	6.84	0.00	0	0	0	100	0.00	0.0	4.693	0.000	0	0	0	0
035356	PL.25730	B	Consumer	7.15Y	119.2	0.00	6.84	0.60	0	4	2	89	0.00	0.0	4.693	0.000	4	2	1	1
035358	PL.25730	B	Consumer	7.15Y	119.2	0.00	6.84	0.00	0	0	0	100	0.00	0.0	4.693	0.000	0	0	1	1
PL.2095	PL.11975	B	4ACSR	7.15Y	119.2	0.00	6.83	0.41	0	3	1	95	0.00	0.0	4.598	0.028	0	0	0	1
035312	PL.2095	B	Consumer	7.15Y	119.2	0.00	6.83	0.41	0	3	1	95	0.00	0.0	4.598	0.000	3	1	1	1
035319	PL.11975	B	Consumer	7.15Y	119.2	0.00	6.83	0.16	0	1	0	100	0.00	0.0	4.570	0.000	1	0	1	1
035335	PL.11975	B	Consumer	7.15Y	119.2	0.00	6.83	0.14	0	1	0	100	0.00	0.0	4.570	0.000	1	0	1	1
035316	PL.11975	B	Consumer	7.15Y	119.2	0.00	6.83	0.36	0	2	1	89	0.00	0.0	4.570	0.000	2	1	1	1
035314	PL.11975	B	Consumer	7.15Y	119.2	0.00	6.83	0.40	0	3	1	95	0.00	0.0	4.570	0.000	3	1	1	1
PL.11954	PL.11950	A	1/0ACSR	7.38Y	123.0	0.06	3.00	26.45	13	184	66	94	0.15	0.0	4.334	0.104	0	0	0	25
		B		7.19Y	119.8	0.05	6.24	27.95	14	189	67	94					0	0	0	29
		C		7.51Y	125.2	0.01	0.79	12.89	6	92	30	95					0	0	0	3
PL.28188	PL.11954	B	4ACSR	7.19Y	119.8	0.00	6.24	2.10	2	14	5	94	0.00	0.0	4.345	0.011	0	0	0	3
PD.3095	PL.28188	B	fuse6AMP	7.19Y	119.8	0.00	6.24	2.10	36	14	5	94	0.00	0.0	4.345	0.000	0	0	0	3
PL.28189	PD.3095	B	4ACSR	7.19Y	119.8	0.00	6.24	2.10	2	14	5	94	0.00	0.0	4.362	0.017	0	0	0	3
0363073	PL.28189	B	Consumer	7.19Y	119.8	0.00	6.24	0.55	0	4	1	97	0.00	0.0	4.362	0.000	4	1	1	1
036301	PL.28189	B	Consumer	7.19Y	119.8	0.00	6.24	0.22	0	1	1	71	0.00	0.0	4.362	0.000	1	1	1	1
PL.6361	PL.28189	B	4ACSR	7.19Y	119.8	0.00	6.25	1.33	1	9	3	95	0.00	0.0	4.420	0.057	0	0	0	1
036351	PL.6361	B	Consumer	7.19Y	119.8	0.00	6.25	0.00	0	0	0	100	0.00	0.0	4.420	0.000	0	0	0	0
036363	PL.6361	B	Consumer	7.19Y	119.8	0.00	6.25	1.33	0	9	3	95	0.00	0.0	4.420	0.000	9	3	1	1
PL.11955	PL.11954	A	1/0ACSR	7.38Y	123.0	0.04	3.04	26.45	13	184	66	94	0.09	0.0	4.399	0.065	0	0	0	25
		B		7.18Y	119.7	0.03	6.27	25.85	13	175	62	94					0	0	0	26
		C		7.51Y	125.2	0.01	0.80	12.89	6	92	30	95					0	0	0	3
PL.11956	PL.11955	A	1/0ACSR	7.38Y	122.9	0.04	3.08	26.44	13	184	66	94	0.08	0.0	4.469	0.070	0	0	0	24
		B		7.18Y	119.7	0.02	6.29	22.43	11	152	53	94					0	0	0	19
		C		7.51Y	125.2	0.01	0.81	12.89	6	92	30	95					0	0	0	3
PL.2104	PL.11956	C	4ACSR	7.51Y	125.2	0.00	0.81	0.29	0	2	1	89	0.00	0.0	4.506	0.037	0	0	0	1
036358	PL.2104	C	Consumer	7.51Y	125.2	0.00	0.81	0.29	0	2	1	89	0.00	0.0	4.506	0.000	2	1	1	1
PL.18054	PL.11956	B	4ACSR	7.18Y	119.7	0.00	6.30	1.82	2	12	5	92	0.00	0.0	4.489	0.020	0	0	0	3
PD.1279	PL.18054	B	fuse6AMP	7.18Y	119.7	0.00	6.30	1.82	31	12	5	92	0.00	0.0	4.489	0.000	0	0	0	3
PL.18053	PD.1279	B	4ACSR	7.18Y	119.7	0.00	6.30	1.82	2	12	5	92	0.00	0.0	4.496	0.006	0	0	0	3
PL.2098	PL.18053	B	4ACSR	7.18Y	119.7	0.00	6.30	0.78	1	5	2	93	0.00	0.0	4.630	0.134	0	0	0	2
PL.28162	PL.2098	B	4ACSR	7.18Y	119.7	0.00	6.30	0.78	1	5	2	93	0.00	0.0	4.639	0.009	0	0	0	2
PL.28163	PL.28162	B	4ACSR	7.18Y	119.7	0.00	6.30	0.70	1	5	2	93	0.00	0.0	4.674	0.034	0	0	0	1
036403	PL.28163	B	Consumer	7.18Y	119.7	0.00	6.30	0.70	0	5	2	93	0.00	0.0	4.674	0.000	5	2	1	1
036412	PL.28162	B	Consumer	7.18Y	119.7	0.00	6.30	0.07	0	1	0	100	0.00	0.0	4.639	0.000	1	0	1	1
036343	PL.18053	B	Consumer	7.18Y	119.7	0.00	6.30	1.05	0	7	3	92	0.00	0.0	4.496	0.000	7	3	1	1
PL.11957	PL.11956	A	1/0ACSR	7.37Y	122.9	0.05	3.13	26.44	13	184	66	94	0.11	0.0	4.563	0.093	0	0	0	24
		B		7.18Y	119.7	0.03	6.32	20.60	10	140	48	95					0	0	0	16
		C		7.51Y	125.2	0.02	0.83	12.61	6	90	29	95					0	0	0	2

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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
036348	PL.11957	C	Consumer	7.51Y	125.2	0.00	0.83	0.87	0	6	2	95	0.00	0.0	4.563	0.000	6	2	1	1
036370	PL.11957	C	Consumer	7.51Y	125.2	0.00	0.83	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	7.37Y	122.8	0.06	3.19	26.44	13	184	66	94	0.11	0.0	4.664	0.102	0	0	0	24
		B		7.18Y	119.6	0.03	6.35	20.60	10	140	48	95					0	0	0	16
		C		7.51Y	125.2	0.02	0.85	11.67	6	84	26	95					0	0	0	0
PL.11959	PL.11958	A	1/0ACSR	7.36Y	122.7	0.09	3.28	25.45	13	177	63	94	0.17	0.0	4.822	0.158	0	0	0	22
		B		7.18Y	119.6	0.05	6.40	20.22	10	137	47	95					0	0	0	15
		C		7.51Y	125.1	0.03	0.87	11.67	6	84	26	95					0	0	0	0
PL.6354	PL.11959	A	4ACSR	7.36Y	122.7	0.02	3.31	11.47	10	79	31	93	0.01	0.0	4.865	0.042	0	0	0	19
PL.11960	PL.6354	A	4ACSR	7.36Y	122.7	0.01	3.31	11.47	10	79	31	93	0.00	0.0	4.875	0.010	0	0	0	19
PL.29277	PL.11960	A	4ACSR	7.36Y	122.7	0.00	3.31	0.14	0	1	0	100	0.00	0.0	4.895	0.020	0	0	0	2
036319	PL.29277	A	Consumer	7.36Y	122.7	0.00	3.31	0.02	0	0	0	100	0.00	0.0	4.895	0.000	0	0	1	1
036360	PL.29277	A	Consumer	7.36Y	122.7	0.00	3.31	0.13	0	1	0	100	0.00	0.0	4.895	0.000	1	0	1	1
PL.11961	PL.11960	A	4ACSR	7.36Y	122.6	0.04	3.35	5.73	5	39	15	93	0.01	0.0	5.029	0.154	0	0	0	8
PL.11962	PL.11961	A	4ACSR	7.36Y	122.6	0.00	3.35	0.43	0	3	1	95	0.00	0.0	5.050	0.021	0	0	0	1
036306	PL.11962	A	Consumer	7.36Y	122.6	0.00	3.35	0.43	0	3	1	95	0.00	0.0	5.050	0.000	3	1	1	1
PL.19007	PL.11961	A	4ACSR	7.36Y	122.6	0.01	3.36	3.79	3	26	10	93	0.00	0.0	5.070	0.041	0	0	0	4
036359	PL.19007	A	Consumer	7.36Y	122.6	0.00	3.36	0.76	0	5	2	93	0.00	0.0	5.070	0.000	5	2	1	1
PL.19008	PL.19007	A	4ACSR	7.36Y	122.6	0.00	3.36	3.03	3	21	8	93	0.00	0.0	5.086	0.016	0	0	0	3
036354	PL.19008	A	Consumer	7.36Y	122.6	0.00	3.36	1.40	0	10	4	93	0.00	0.0	5.086	0.000	10	4	1	1
036355	PL.19008	A	Consumer	7.36Y	122.6	0.00	3.36	0.78	0	5	2	93	0.00	0.0	5.086	0.000	5	2	1	1
036362	PL.19008	A	Consumer	7.36Y	122.6	0.00	3.36	0.86	0	6	2	95	0.00	0.0	5.086	0.000	6	2	1	1
PL.2088	PL.11961	A	4ACSR	7.36Y	122.6	0.00	3.35	0.47	0	3	1	95	0.00	0.0	5.077	0.048	0	0	0	1
036336	PL.2088	A	Consumer	7.36Y	122.6	0.00	3.35	0.47	0	3	1	95	0.00	0.0	5.077	0.000	3	1	1	1
PL.2089	PL.11961	A	4ACSR	7.36Y	122.6	0.00	3.35	1.04	1	7	3	92	0.00	0.0	5.091	0.061	0	0	0	2
036364	PL.2089	A	Consumer	7.36Y	122.6	0.00	3.35	0.35	0	2	1	89	0.00	0.0	5.091	0.000	2	1	1	1
036323	PL.2089	A	Consumer	7.36Y	122.6	0.00	3.35	0.69	0	5	2	93	0.00	0.0	5.091	0.000	5	2	1	1
PL.6355	PL.11960	A	4ACSR	7.36Y	122.7	0.00	3.31	5.60	5	38	15	93	0.00	0.0	4.890	0.015	0	0	0	9
036317	PL.6355	A	Consumer	7.36Y	122.7	0.00	3.31	0.36	0	2	1	89	0.00	0.0	4.890	0.000	2	1	1	1
036320	PL.6355	A	Consumer	7.36Y	122.7	0.00	3.31	0.67	0	5	2	93	0.00	0.0	4.890	0.000	5	2	1	1
PL.6356	PL.6355	A	4ACSR	7.36Y	122.7	0.01	3.32	4.57	4	31	12	93	0.00	0.0	4.919	0.030	0	0	0	7
PL.2090	PL.6356	A	4ACSR	7.36Y	122.7	0.00	3.32	1.85	2	13	5	93	0.00	0.0	4.963	0.044	0	0	0	4
PL.29279	PL.2090	A	4ACSR	7.36Y	122.7	0.00	3.33	1.85	2	13	5	93	0.00	0.0	4.987	0.024	0	0	0	4
036366	PL.29279	A	Consumer	7.36Y	122.7	0.00	3.33	0.72	0	5	2	93	0.00	0.0	4.987	0.000	5	2	1	1
036342	PL.29279	A	Consumer	7.36Y	122.7	0.00	3.33	0.20	0	1	1	71	0.00	0.0	4.987	0.000	1	1	1	1
036344	PL.29279	A	Consumer	7.36Y	122.7	0.00	3.33	0.15	0	1	0	100	0.00	0.0	4.987	0.000	1	0	1	1
SRL.33342	PL.29279	A	Consumer	7.36Y	122.7	0.00	3.33	0.00	0	0	0	100	0.00	0.0	4.987	0.000	0	0	0	0
036345	PL.29279	A	Consumer	7.36Y	122.7	0.00	3.33	0.78	0	5	2	93	0.00	0.0	4.987	0.000	5	2	1	1
036346	PL.6356	A	Consumer	7.36Y	122.7	0.00	3.32	0.72	0	5	2	93	0.00	0.0	4.919	0.000	5	2	1	1
036349	PL.6356	A	Consumer	7.36Y	122.7	0.00	3.32	0.48	0	3	2	83	0.00	0.0	4.919	0.000	3	2	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 036332, PL.20212, PD.3099, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.30988	PL.30987	A	1/0ACSR	7.35Y	122.6	0.00	3.44	11.91	6	84	26	96	0.00	0.0	5.454	0.002	0	0	0	0
		B		7.16Y	119.4	0.00	6.58	12.22	6	84	26	95					0	0	0	0
		C		7.50Y	125.0	0.00	0.99	11.67	6	84	26	95					0	0	0	0
037305	PL.30988	A	Consumer	7.35Y	122.6	0.00	3.44	11.91	0	84	26	96	0.00	0.0	5.454	0.000	84	26	0	0
		B		7.16Y	119.4	0.00	6.58	12.22	0	84	26	95					84	26	0	0
		C		7.50Y	125.0	0.00	0.99	11.67	0	84	26	95					84	26	0	0
PL.2129	PL.11969	B	4ACSR	7.17Y	119.5	0.00	6.55	1.07	1	7	3	92	0.00	0.0	5.331	0.056	0	0	0	2
037302	PL.2129	B	Consumer	7.17Y	119.5	0.00	6.55	0.24	0	2	1	89	0.00	0.0	5.331	0.000	2	1	1	1
PL.2126	PL.2129	B	4ACSR	7.17Y	119.5	0.00	6.55	0.83	1	6	2	95	0.00	0.0	5.359	0.028	0	0	0	1
037303	PL.2126	B	Consumer	7.17Y	119.5	0.00	6.55	0.83	0	6	2	95	0.00	0.0	5.359	0.000	6	2	1	1
037301	PL.11969	B	Consumer	7.17Y	119.5	0.00	6.55	0.63	0	4	2	89	0.00	0.0	5.275	0.000	4	2	1	1
PL.45942	PL.11967	A	4ACSR	7.36Y	122.6	0.00	3.37	1.15	1	8	3	94	0.00	0.0	5.137	0.013	0	0	0	2
PD.8693	PL.45942	A	fuse6AMP	7.36Y	122.6	0.00	3.37	1.15	20	8	3	94	0.00	0.0	5.137	0.000	0	0	0	2
PL.45943	PD.8693	A	4ACSR	7.36Y	122.6	0.01	3.38	1.15	1	8	3	94	0.00	0.0	5.326	0.189	0	0	0	2
PL.6371	PL.45943	A	4ACSR	7.36Y	122.6	0.00	3.38	0.05	0	0	0	100	0.00	0.0	5.399	0.073	0	0	0	1
036365	PL.6371	A	Consumer	7.36Y	122.6	0.00	3.38	0.05	0	0	0	100	0.00	0.0	5.399	0.000	0	0	1	1
036368	PL.45943	A	Consumer	7.36Y	122.6	0.00	3.38	1.11	0	8	3	94	0.00	0.0	5.326	0.000	8	3	1	1
PL.2101	PL.11963	B	4ACSR	7.17Y	119.5	0.00	6.47	0.97	1	6	3	89	0.00	0.0	5.043	0.039	0	0	0	2
036369	PL.2101	B	Consumer	7.17Y	119.5	0.00	6.47	0.41	0	3	1	95	0.00	0.0	5.043	0.000	3	1	1	1
PL.11965	PL.2101	B	4ACSR	7.17Y	119.5	0.00	6.47	0.00	0	0	0	100	0.00	0.0	5.073	0.029	0	0	0	0
PL.11964	PL.2101	B	4ACSR	7.17Y	119.5	0.00	6.47	0.56	0	4	1	97	0.00	0.0	5.059	0.016	0	0	0	1
036315	PL.11964	B	Consumer	7.17Y	119.5	0.00	6.47	0.56	0	4	1	97	0.00	0.0	5.059	0.000	4	1	1	1
036307	PL.11963	B	Consumer	7.17Y	119.5	0.00	6.47	0.51	0	3	1	95	0.00	0.0	5.004	0.000	3	1	1	1
036353	PL.11963	B	Consumer	7.17Y	119.5	0.00	6.47	1.63	0	11	4	94	0.00	0.0	5.004	0.000	11	4	1	1
PL.6357	PL.11959	B	4ACSR	7.18Y	119.6	0.00	6.40	0.35	0	2	1	89	0.00	0.0	4.875	0.053	0	0	0	2
036305	PL.6357	B	Consumer	7.18Y	119.6	0.00	6.40	0.35	0	2	1	89	0.00	0.0	4.875	0.000	2	1	1	1
PL.6358	PL.6357	B	4ACSR	7.18Y	119.6	0.00	6.40	0.00	0	0	0	100	0.00	0.0	4.875	0.000	0	0	0	1
PL.29278	PL.6358	B	4ACSR	7.18Y	119.6	0.00	6.40	0.00	0	0	0	100	0.00	0.0	4.945	0.069	0	0	0	1
036341	PL.29278	B	Consumer	7.18Y	119.6	0.00	6.40	0.00	0	0	0	100	0.00	0.0	4.945	0.000	0	0	1	1
PL.2102	PL.11958	A	4ACSR	7.37Y	122.8	0.00	3.20	0.99	1	7	3	92	0.00	0.0	4.750	0.086	0	0	0	2
036313	PL.2102	A	Consumer	7.37Y	122.8	0.00	3.20	0.88	0	6	2	95	0.00	0.0	4.750	0.000	6	2	1	1
036329	PL.2102	A	Consumer	7.37Y	122.8	0.00	3.20	0.12	0	1	0	100	0.00	0.0	4.750	0.000	1	0	1	1
PL.2103	PL.11958	B	4ACSR	7.18Y	119.6	0.00	6.35	0.39	0	3	1	95	0.00	0.0	4.698	0.033	0	0	0	1
036337	PL.2103	B	Consumer	7.18Y	119.6	0.00	6.35	0.39	0	3	1	95	0.00	0.0	4.698	0.000	3	1	1	1
PL.20134	PL.11955	B	4ACSR	7.18Y	119.7	0.00	6.27	3.42	3	23	9	93	0.00	0.0	4.405	0.006	0	0	0	7
PD.1280	PL.20134	B	fuse6AMP	7.18Y	119.7	0.00	6.27	3.42	58	23	9	93	0.00	0.0	4.405	0.000	0	0	0	7
PL.28062	PD.1280	B	4ACSR	7.18Y	119.7	0.01	6.28	3.42	3	23	9	93	0.00	0.0	4.466	0.061	0	0	0	7
PL.23272	PL.28062	B	4ACSR	7.18Y	119.7	0.02	6.30	3.11	3	21	8	93	0.00	0.0	4.620	0.154	0	0	0	6
036335	PL.23272	B	Consumer	7.18Y	119.7	0.00	6.30	0.49	0	3	1	95	0.00	0.0	4.620	0.000	3	1	1	1
PL.21111	PL.23272	B	4ACSR	7.18Y	119.7	0.01	6.32	1.97	2	13	5	93	0.00	0.0	4.779	0.159	0	0	0	3

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, Thru 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\EXISTING JUL05 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
036429	PL.27883	A	Consumer	7.39Y	123.2	0.00	2.84	0.00	0	0	0	100	0.00	0.0	4.186	0.000	0	0	0	0
		B		7.20Y	120.0	0.00	5.98	0.00	0	0	0	90					0	0	0	0
		C		7.51Y	125.2	0.00	0.83	0.00	0	0	0	90					0	0	0	0
PL.18063	PL.27883	A	1/0ACSR	7.39Y	123.2	0.00	2.85	8.21	4	52	31	86	0.00	0.0	4.210	0.024	0	0	0	1
		B		7.20Y	120.0	0.00	5.98	7.73	4	47	29	85					0	0	0	0
		C		7.51Y	125.2	0.00	0.83	7.47	4	48	29	85					0	0	0	1
PL.27675	PL.18063	A	4ACSR	7.39Y	123.2	0.00	2.85	0.68	1	5	2	93	0.00	0.0	4.213	0.003	0	0	0	1
PD.544	PL.27675	A	fuse6AMP	7.39Y	123.2	0.00	2.85	0.68	12	5	2	93	0.00	0.0	4.213	0.000	0	0	0	1
PL.27676	PD.544	A	4ACSR	7.39Y	123.2	0.00	2.85	0.68	1	5	2	93	0.00	0.0	4.340	0.127	0	0	0	1
036428	PL.27676	A	Consumer	7.39Y	123.2	0.00	2.85	0.68	0	5	2	93	0.00	0.0	4.340	0.000	5	2	1	1
PL.11953	PL.18063	A	1/0ACSR	7.39Y	123.1	0.01	2.86	7.54	4	47	29	85	0.01	0.0	4.298	0.088	0	0	0	0
		B		7.20Y	120.0	0.01	6.00	7.73	4	47	29	85					0	0	0	0
		C		7.51Y	125.2	0.01	0.84	7.47	4	48	29	85					0	0	0	1
036425	PL.11953	A	Consumer	7.39Y	123.1	0.00	2.86	7.54	0	47	29	85	0.00	0.0	4.298	0.000	47	29	0	0
		B		7.20Y	120.0	0.00	6.00	7.73	0	47	29	85					47	29	0	0
		C		7.51Y	125.2	0.00	0.84	7.41	0	47	29	85					47	29	0	0
PL.29275	PL.11953	A	1/0ACSR	7.39Y	123.1	0.00	2.86	0.00	0	0	0	100	0.00	0.0	4.320	0.021	0	0	0	0
		B		7.20Y	120.0	0.00	6.00	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.84	0.00	0	0	0	100					0	0	0	0
PL.39772	PL.11953	C	2ACSR	7.51Y	125.2	0.00	0.85	0.05	0	0	0	100	0.00	0.0	4.483	0.184	0	0	0	1
0364032	PL.39772	C	Consumer	7.51Y	125.2	0.00	0.85	0.05	0	0	0	100	0.00	0.0	4.483	0.000	0	0	1	1
PL.18061	PL.11947	B	4ACSR	7.21Y	120.1	0.00	5.89	0.20	0	1	1	71	0.00	0.0	4.046	0.005	0	0	0	1
PD.546	PL.18061	B	fuse6AMP	7.21Y	120.1	0.00	5.89	0.20	3	1	1	71	0.00	0.0	4.046	0.000	0	0	0	1
PL.45784	PD.546	B	4ACSR	7.21Y	120.1	0.00	5.89	0.20	0	1	1	71	0.00	0.0	4.063	0.016	0	0	0	1
PL.45785	PL.45784	B	4ACSR	7.21Y	120.1	0.00	5.89	0.20	0	1	1	71	0.00	0.0	4.086	0.024	0	0	0	1
035401	PL.45785	B	Consumer	7.21Y	120.1	0.00	5.89	0.20	0	1	1	71	0.00	0.0	4.086	0.000	1	1	1	1
0354111	PL.45784	B	Consumer	7.21Y	120.1	0.00	5.89	0.00	0	0	0	100	0.00	0.0	4.063	0.000	0	0	0	0
035447	PL.11945	C	Consumer	7.51Y	125.2	0.00	0.84	0.09	0	1	0	100	0.00	0.0	3.848	0.000	1	0	1	1
035439	PL.11945	C	Consumer	7.51Y	125.2	0.00	0.84	0.26	0	2	1	89	0.00	0.0	3.848	0.000	2	1	1	1
035484	PL.11945	C	Consumer	7.51Y	125.2	0.00	0.84	0.76	0	5	2	93	0.00	0.0	3.848	0.000	5	2	1	1
PL.19061	PL.11281	A	1/0ACSR	7.43Y	123.9	-0.00	2.13	0.01	0	0	0	100	0.00	0.0	3.295	0.021	0	0	0	1
		B		7.29Y	121.5	0.00	4.52	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.79	0.00	0	0	0	100					0	0	0	0
035479	PL.19061	A	Consumer	7.43Y	123.9	0.00	2.13	0.01	0	0	0	100	0.00	0.0	3.295	0.000	0	0	1	1
PL.19060	PL.19061	A	1/0ACSR	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	3.301	0.006	0	0	0	0
		B		7.29Y	121.5	0.00	4.52	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.79	0.00	0	0	0	100					0	0	0	0
PD.7011-B	PL.19060	A	Open	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	3.301	0.000	0	0	0	0
		B		7.29Y	121.5	0.00	4.52	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.79	0.00	0	0	0	100					0	0	0	0
PL.27738	PL.18472	B	4ACSR	7.30Y	121.7	0.00	4.33	2.09	2	15	4	97	0.00	0.0	3.187	0.016	0	0	0	6
PD.1284	PL.27738	B	fuse6AMP	7.30Y	121.7	0.00	4.33	2.09	36	15	4	97	0.00	0.0	3.187	0.000	0	0	0	6
PL.27739	PD.1284	B	4ACSR	7.30Y	121.7	0.00	4.33	2.09	2	15	4	97	0.00	0.0	3.213	0.026	0	0	0	6
035406	PL.27739	B	Consumer	7.30Y	121.7	0.00	4.33	0.49	0	3	1	95	0.00	0.0	3.213	0.000	3	1	1	1
PL.31904	PL.27739	B	4ACSR	7.30Y	121.7	0.00	4.33	1.59	1	11	3	96	0.00	0.0	3.274	0.061	0	0	0	5
PL.31905	PL.31904	B	4ACSR	7.30Y	121.7	0.01	4.34	1.59	1	11	3	96	0.00	0.0	3.369	0.094	0	0	0	4

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.3869	PL.31905	B	fuse6AMP	7.30Y	121.7	0.00	4.34	1.59	27	11	3	96	0.00	0.0	3.369	0.000	0	0	0	4
PL.31906	PD.3869	B	1/0EPRJCN	7.30Y	121.7	0.01	4.35	1.59	1	11	3	96	0.00	0.0	3.584	0.215	0	0	0	4
PL.31907	PL.31906	B	1/0EPRJCN	7.30Y	121.7	0.00	4.35	0.88	0	6	2	95	0.00	0.0	3.655	0.072	0	0	0	2
0353072	PL.31907	B	Consumer	7.30Y	121.7	0.00	4.35	0.03	0	0	0	100	0.00	0.0	3.655	0.000	0	0	1	1
0353071	PL.31907	B	Consumer	7.30Y	121.7	0.00	4.35	0.87	0	6	2	95	0.00	0.0	3.655	0.000	6	2	1	1
PL.40636	PL.31906	B	1/0EPRJCN	7.30Y	121.7	0.00	4.35	0.76	0	5	2	93	0.00	0.0	3.640	0.057	0	0	0	2
0353074	PL.40636	B	Consumer	7.30Y	121.7	0.00	4.35	0.72	0	5	2	93	0.00	0.0	3.640	0.000	5	2	1	1
0353075	PL.40636	B	Consumer	7.30Y	121.7	0.00	4.35	0.05	0	0	0	100	0.00	0.0	3.640	0.000	0	0	1	1
0354104	PL.31904	B	Consumer	7.30Y	121.7	0.00	4.33	0.00	0	0	0	100	0.00	0.0	3.274	0.000	0	0	1	1
PL.41515	PL.41513	B	2ACSR	7.35Y	122.6	0.00	3.42	0.90	1	6	2	95	0.00	0.0	2.696	0.002	0	0	0	1
PD.7456	PL.41515	B	fuse6AMP	7.35Y	122.6	0.00	3.42	0.90	15	6	2	95	0.00	0.0	2.696	0.000	0	0	0	1
PL.41516	PD.7456	B	2ACSR	7.35Y	122.6	0.00	3.42	0.90	1	6	2	95	0.00	0.0	2.715	0.019	0	0	0	1
0344023	PL.41516	B	Consumer	7.35Y	122.6	0.00	3.42	0.90	0	6	2	95	0.00	0.0	2.715	0.000	6	2	1	1
PL.27975	PL.11279	A	4ACSR	7.47Y	124.5	0.01	1.49	3.44	3	24	9	94	0.00	0.0	2.503	0.059	0	0	0	3
PL.27976	PL.27975	A	4ACSR	7.47Y	124.5	0.00	1.49	1.42	1	10	4	93	0.00	0.0	2.538	0.036	0	0	0	1
034403	PL.27976	A	Consumer	7.47Y	124.5	0.00	1.49	1.42	0	10	4	93	0.00	0.0	2.538	0.000	10	4	1	1
034408	PL.27975	A	Consumer	7.47Y	124.5	0.00	1.49	1.62	0	11	4	94	0.00	0.0	2.503	0.000	11	4	1	1
034420	PL.27975	A	Consumer	7.47Y	124.5	0.00	1.49	0.41	0	3	1	95	0.00	0.0	2.503	0.000	3	1	1	1
549606	PL.7384	C	Consumer	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	2.260	0.000	0	0	0	0
034401	PL.7384	C	Consumer	7.53Y	125.5	0.00	0.50	0.32	0	2	1	89	0.00	0.0	2.260	0.000	2	1	1	1
548503	PL.19727	A	Consumer	7.49Y	124.9	0.00	1.09	0.64	0	4	2	89	0.00	0.0	2.018	0.000	4	2	1	1
547506	PL.7377	C	Consumer	7.54Y	125.6	0.00	0.38	2.39	0	16	8	89	0.00	0.0	1.924	0.000	16	8	1	1
547502	PL.7377	C	Consumer	7.54Y	125.6	0.00	0.38	0.18	0	1	0	100	0.00	0.0	1.924	0.000	1	0	1	1
547507	PL.7377	C	Consumer	7.54Y	125.6	0.00	0.38	0.01	0	0	0	100	0.00	0.0	1.924	0.000	0	0	1	1
PL.18027	PL.18613	A	2ACSR	7.50Y	125.1	-0.00	0.92	0.09	0	1	0	100	0.00	0.0	1.842	0.013	0	0	0	0
		B		7.45Y	124.2	0.00	1.79	0.10	0	1	0	93			0		0	0	0	0
		C		7.54Y	125.7	0.00	0.34	1.79	1	12	6	90			0		0	0	0	1
PL.18026	PL.18027	A	2ACSR	7.50Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	1.852	0.009	0	0	0	0
		B		7.45Y	124.2	0.00	1.79	0.00	0	0	0	100			0		0	0	0	0
		C		7.54Y	125.7	0.00	0.34	0.00	0	0	0	100			0		0	0	0	0
PD.189-B	PL.18026	A	Open	7.50Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	1.852	0.000	0	0	0	0
		B		7.45Y	124.2	0.00	1.79	0.00	0	0	0	100			0		0	0	0	0
		C		7.54Y	125.7	0.00	0.34	0.00	0	0	0	100			0		0	0	0	0
546501	PL.18027	C	Consumer	7.54Y	125.7	0.00	0.34	1.69	0	11	6	88	0.00	0.0	1.842	0.000	11	6	1	1
546502	PL.18027	A	Consumer	7.50Y	125.1	0.00	0.92	0.09	0	1	0	100	0.00	0.0	1.842	0.000	1	0	0	0
		B		7.45Y	124.2	0.00	1.79	0.10	0	1	0	93			1		0	0	0	0
		C		7.54Y	125.7	0.00	0.34	0.09	0	1	0	93			1		0	0	0	0
546507	PL.18027	A	Consumer	7.50Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	1.842	0.000	0	0	0	0
		B		7.45Y	124.2	0.00	1.79	0.00	0	0	0	100			0		0	0	0	0
		C		7.54Y	125.7	0.00	0.34	0.00	0	0	0	100			0		0	0	0	0
545503	PL.11273	C	Consumer	7.54Y	125.7	0.00	0.33	0.00	0	0	0	100	0.00	0.0	1.685	0.000	0	0	0	0
545504	PL.11273	C	Consumer	7.54Y	125.7	0.00	0.33	0.37	0	3	1	95	0.00	0.0	1.685	0.000	3	1	1	1
545502	PL.11273	C	Consumer	7.54Y	125.7	0.00	0.33	0.51	0	4	1	97	0.00	0.0	1.685	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 032411, 032491, PL.9658, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	% PF	kW Loss	% Loss	Length (mi)		KW	KVAR			
PL.40917	PL.4881	A	2ACSR	14.99Y	124.9	0.00	1.11	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	1.11	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	1.10	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	1.10	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	1.10	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	1.10	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	1.10	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 B C	336ACSR	14.97Y 15.10Y 15.08Y	124.8 125.8 125.7	0.11 -0.01 0.03	1.21 0.15 0.32	82.89 39.14 31.08	19 9 7	1169 574 460	420 141 90	94 97 98	0.70 0.00 0.00	0.0	1.435	0.245	0 0 0	0 0 0	0 0 0	596 273 175
PL.18050	PL.9669	A	4ACSR	14.97Y	124.8	0.00	1.21	1.56	1	22	9	93	0.00	0.0	1.442	0.006	0	0	0	11
PD.1202	PL.18050	A	fuse6AMP	14.97Y	124.8	0.00	1.21	1.56	27	22	9	93	0.00	0.0	1.442	0.000	0	0	0	11
PL.18051	PD.1202	A	4ACSR	14.97Y	124.8	0.00	1.21	1.56	1	22	9	93	0.00	0.0	1.511	0.069	0	0	0	11
PL.1733	PL.18051	A	4ACSR	14.97Y	124.8	0.00	1.21	0.24	0	3	1	95	0.00	0.0	1.607	0.097	0	0	0	2
032527	PL.1733	A	Consumer	14.97Y	124.8	0.00	1.21	0.04	0	1	0	100	0.00	0.0	1.607	0.000	1	0	1	1
032529	PL.1733	A	Consumer	14.97Y	124.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	1.607	0.000	0	0	0	0
032516	PL.1733	A	Consumer	14.97Y	124.8	0.00	1.21	0.19	0	3	1	95	0.00	0.0	1.607	0.000	3	1	1	1
032554	PL.18051	A	Consumer	14.97Y	124.8	0.00	1.21	0.06	0	1	0	100	0.00	0.0	1.511	0.000	1	0	1	1
032534	PL.18051	A	Consumer	14.97Y	124.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	1.511	0.000	0	0	0	0
032555	PL.18051	A	Consumer	14.97Y	124.8	0.00	1.21	0.20	0	3	1	95	0.00	0.0	1.511	0.000	3	1	1	1
032515	PL.18051	A	Consumer	14.97Y	124.8	0.00	1.21	0.13	0	2	1	89	0.00	0.0	1.511	0.000	2	1	1	1
PL.19536	PL.18051	A	4ACSR	14.97Y	124.8	0.00	1.21	0.93	1	13	5	93	0.00	0.0	1.570	0.059	0	0	0	6
032526	PL.19536	A	Consumer	14.97Y	124.8	0.00	1.21	0.16	0	2	1	89	0.00	0.0	1.570	0.000	2	1	1	1
PL.19537	PL.19536	A	4ACSR	14.97Y	124.8	0.00	1.21	0.77	1	11	4	94	0.00	0.0	1.647	0.077	0	0	0	5
PL.4876	PL.19537	A	4ACSR	14.97Y	124.8	0.00	1.22	0.71	1	10	4	93	0.00	0.0	1.767	0.120	0	0	0	4
032514	PL.4876	A	Consumer	14.97Y	124.8	0.00	1.22	0.09	0	1	0	100	0.00	0.0	1.767	0.000	1	0	1	1
032512	PL.4876	A	Consumer	14.97Y	124.8	0.00	1.22	0.20	0	3	1	95	0.00	0.0	1.767	0.000	3	1	1	1
032520	PL.4876	A	Consumer	14.97Y	124.8	0.00	1.22	0.25	0	4	1	97	0.00	0.0	1.767	0.000	4	1	1	1
PL.4872	PL.4876	A	4ACSR	14.97Y	124.8	0.00	1.22	0.18	0	2	1	89	0.00	0.0	1.858	0.091	0	0	0	1
032530	PL.4872	A	Consumer	14.97Y	124.8	0.00	1.22	0.18	0	2	1	89	0.00	0.0	1.858	0.000	2	1	1	1
032513	PL.4872	A	Consumer	14.97Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	1.858	0.000	0	0	0	0
032507	PL.19537	A	Consumer	14.97Y	124.8	0.00	1.21	0.06	0	1	0	100	0.00	0.0	1.647	0.000	1	0	1	1
032504	PL.19537	A	Consumer	14.97Y	124.8	0.00	1.21	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	14.97Y 15.10Y 15.08Y	124.8 125.8 125.7	0.00 0.00 0.00	1.21 0.15 0.32	80.47 39.14 31.08	18 9 7	1135 574 460	406 141 90	94 97 98	0.00 0.00 0.00	0.0	1.435	0.000	0 0 0	0 0 0	0 0 0	582 273 175

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\EXISTING JUL05 CWP.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.9671, PL.18248, 032550, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.46537, PL.10016, PL.18255, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.18368	PD.3402	A	1/0ACSR	14.77Y	123.0	0.07	2.95	77.85	39	1087	378	94	0.63	0.0	3.707	0.082	0	0	0	563
		B		15.08Y	125.6	0.01	0.36	38.88	19	570	136	97					0	0	0	270
		C		15.03Y	125.3	0.02	0.72	26.17	13	389	62	99					0	0	0	142
PL.10405	PL.18368	A	1/0ACSR	14.71Y	122.6	0.48	3.44	77.85	39	1086	377	94	4.03	0.2	4.238	0.530	0	0	0	563
		B		15.07Y	125.6	0.08	0.44	38.88	19	570	136	97					0	0	0	270
		C		15.02Y	125.2	0.11	0.83	26.13	13	388	62	99					0	0	0	141
PL.21157	PL.10405	B	4ACSR	15.07Y	125.6	0.00	0.44	5.60	5	79	31	93	0.00	0.0	4.251	0.013	0	0	0	27
PD.3511	PL.21157	B	25V4E	15.07Y	125.6	0.00	0.44	5.60	22	79	31	93	0.00	0.0	4.251	0.000	0	0	0	27
PL.21158	PD.3511	B	4ACSR	15.06Y	125.5	0.03	0.47	5.60	5	79	31	93	0.02	0.0	4.464	0.213	0	0	0	27
031703	PL.21158	B	Consumer	15.06Y	125.5	0.00	0.47	0.08	0	1	0	100	0.00	0.0	4.464	0.000	1	0	1	1
PL.10406	PL.21158	B	4ACSR	15.06Y	125.5	0.00	0.47	5.52	5	78	30	93	0.00	0.0	4.497	0.033	0	0	0	26
PL.18622	PL.10406	B	4ACSR	15.06Y	125.5	0.00	0.47	0.03	0	0	0	100	0.00	0.0	4.503	0.006	0	0	0	2
PD.1189	PL.18622	B	fuse6AMP	15.06Y	125.5	0.00	0.47	0.03	0	0	0	100	0.00	0.0	4.503	0.000	0	0	0	2
PL.18623	PD.1189	B	4ACSR	15.06Y	125.5	0.00	0.47	0.03	0	0	0	100	0.00	0.0	4.694	0.191	0	0	0	2
PL.1590	PL.18623	B	4ACSR	15.06Y	125.5	0.00	0.47	0.03	0	0	0	100	0.00	0.0	4.885	0.191	0	0	0	2
030702	PL.1590	B	Consumer	15.06Y	125.5	0.00	0.47	0.03	0	0	0	100	0.00	0.0	4.885	0.000	0	0	1	1
030701	PL.1590	B	Consumer	15.06Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	4.885	0.000	0	0	1	1
PL.10407	PL.10406	B	4ACSR	15.06Y	125.5	0.05	0.52	5.50	5	77	30	93	0.03	0.0	4.912	0.415	0	0	0	24
PL.10408	PL.10407	B	4ACSR	15.05Y	125.5	0.02	0.55	4.96	4	70	27	93	0.01	0.0	5.102	0.190	0	0	0	22
PL.10409	PL.10408	B	4ACSR	15.05Y	125.4	0.01	0.56	4.74	4	66	26	93	0.01	0.0	5.210	0.108	0	0	0	21
PL.1591	PL.10409	B	4ACSR	15.05Y	125.4	0.00	0.56	0.11	0	1	1	71	0.00	0.0	5.281	0.071	0	0	0	1
030606	PL.1591	B	Consumer	15.05Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	5.281	0.000	0	0	0	0
030624	PL.1591	B	Consumer	15.05Y	125.4	0.00	0.56	0.11	0	1	1	71	0.00	0.0	5.281	0.000	1	1	1	1
030623	PL.10409	B	Consumer	15.05Y	125.4	0.00	0.56	0.01	0	0	0	100	0.00	0.0	5.210	0.000	0	0	1	1
PL.21831	PL.10409	B	4ACSR	15.05Y	125.4	0.02	0.57	3.90	3	55	21	93	0.01	0.0	5.406	0.196	0	0	0	17
030625	PL.21831	B	Consumer	15.05Y	125.4	0.00	0.57	0.45	0	6	2	95	0.00	0.0	5.406	0.000	6	2	1	1
030615	PL.21831	B	Consumer	15.05Y	125.4	0.00	0.57	0.03	0	0	0	100	0.00	0.0	5.406	0.000	0	0	1	1
PL.21832	PL.21831	B	4ACSR	15.05Y	125.4	0.00	0.58	3.42	3	48	19	93	0.00	0.0	5.443	0.037	0	0	0	15
PL.22731	PL.21832	B	4ACSR	15.05Y	125.4	0.01	0.58	3.42	3	48	19	93	0.00	0.0	5.515	0.072	0	0	0	15
PL.22732	PL.22731	B	4ACSR	15.05Y	125.4	0.00	0.59	3.17	3	44	17	93	0.00	0.0	5.549	0.035	0	0	0	14
PL.10410	PL.22732	B	4ACSR	15.05Y	125.4	0.00	0.59	3.17	3	44	17	93	0.00	0.0	5.607	0.058	0	0	0	14
PL.1592	PL.10410	B	4ACSR	15.05Y	125.4	0.00	0.59	0.01	0	0	0	100	0.00	0.0	5.753	0.146	0	0	0	1
030612	PL.1592	B	Consumer	15.05Y	125.4	0.00	0.59	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	0.59	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	0.59	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	0.59	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	0.59	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	0.60	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	0.60	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

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	mi Length (mi)	-----Element-----					
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF			kW Loss	% Loss	KW	KVAR	Cons On	Cons Thru
PL.10412	PL.6268	B	4ACSR	15.05Y	125.4	0.00	0.61	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	0.61	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	0.61	0.26	0	4	1	97	0.00	0.0	5.965	0.000	4	1	1	1
PL.10413	PL.10412	B	4ACSR	15.05Y	125.4	0.01	0.62	2.13	2	30	12	93	0.00	0.0	6.100	0.135	0	0	0	8
030501	PL.10413	B	Consumer	15.05Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	6.100	0.000	0	0	0	0
PL.6037	PL.10413	B	4ACSR	15.05Y	125.4	0.00	0.62	2.13	2	30	12	93	0.00	0.0	6.197	0.098	0	0	0	8
030509	PL.6037	B	Consumer	15.05Y	125.4	0.00	0.62	0.26	0	4	1	97	0.00	0.0	6.197	0.000	4	1	1	1
PL.10415	PL.6037	B	4ACSR	15.05Y	125.4	0.00	0.62	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	0.63	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	0.63	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	0.63	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	0.63	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	0.63	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	0.63	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	0.64	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	0.64	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	0.64	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	0.64	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	0.64	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	0.64	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	0.64	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	0.64	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	0.64	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	0.64	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	0.64	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	0.64	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	0.64	0.03	0	0	0	100	0.00	0.0	6.824	0.000	0	0	1	1
PL.10419	PL.10418	B	4ACSR	15.04Y	125.4	0.00	0.64	0.25	0	4	1	97	0.00	0.0	6.739	0.039	0	0	0	1
030522	PL.10419	B	Consumer	15.04Y	125.4	0.00	0.64	0.25	0	4	1	97	0.00	0.0	6.739	0.000	4	1	1	1
PL.45786	PL.10416	B	4ACSR	15.04Y	125.4	0.00	0.64	0.80	1	11	4	94	0.00	0.0	6.719	0.074	0	0	0	1
PL.45787	PL.45786	B	4ACSR	15.04Y	125.4	0.00	0.64	0.80	1	11	4	94	0.00	0.0	6.759	0.039	0	0	0	1
030521	PL.45787	B	Consumer	15.04Y	125.4	0.00	0.64	0.80	0	11	4	94	0.00	0.0	6.759	0.000	11	4	1	1
0305030	PL.45786	B	Consumer	15.04Y	125.4	0.00	0.64	0.00	0	0	0	100	0.00	0.0	6.719	0.000	0	0	0	0
030504	PL.6036	B	Consumer	15.04Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	6.458	0.000	0	0	0	0
030505	PL.6036	B	Consumer	15.04Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	6.458	0.000	0	0	0	0

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

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.1734	PL.10415	B	4ACSR	15.05Y	125.4	0.00	0.62	0.28	0	4	2	89	0.00	0.0	6.302	0.059	0	0	0	1
030520	PL.1734	B	Consumer	15.05Y	125.4	0.00	0.62	0.28	0	4	2	89	0.00	0.0	6.302	0.000	4	2	1	1
030506	PL.1734	B	Consumer	15.05Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	6.302	0.000	0	0	0	0
030613	PL.22731	B	Consumer	15.05Y	125.4	0.00	0.58	0.00	0	0	0	100	0.00	0.0	5.515	0.000	0	0	0	0
030614	PL.22731	B	Consumer	15.05Y	125.4	0.00	0.58	0.25	0	3	1	95	0.00	0.0	5.515	0.000	3	1	1	1
PL.29004	PL.10409	B	4ACSR	15.05Y	125.4	0.00	0.56	0.72	1	10	4	93	0.00	0.0	5.301	0.091	0	0	0	2
030619	PL.29004	B	Consumer	15.05Y	125.4	0.00	0.56	0.25	0	3	1	95	0.00	0.0	5.301	0.000	3	1	1	1
030618	PL.29004	B	Consumer	15.05Y	125.4	0.00	0.56	0.47	0	7	3	92	0.00	0.0	5.301	0.000	7	3	1	1
PL.6271	PL.29004	B	4ACSR	15.05Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	5.301	0.001	0	0	0	0
030626	PL.10408	B	Consumer	15.05Y	125.5	0.00	0.55	0.22	0	3	1	95	0.00	0.0	5.102	0.000	3	1	1	1
PL.6269	PL.10407	B	4ACSR	15.06Y	125.5	0.00	0.52	0.53	0	7	3	92	0.00	0.0	4.930	0.018	0	0	0	2
PL.6270	PL.6269	B	4ACSR	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	5.301	0.371	0	0	0	0
030617	PL.6269	B	Consumer	15.06Y	125.5	0.00	0.52	0.43	0	6	2	95	0.00	0.0	4.930	0.000	6	2	1	1
030609	PL.6269	B	Consumer	15.06Y	125.5	0.00	0.52	0.10	0	1	1	71	0.00	0.0	4.930	0.000	1	1	1	1
PL.27925	PL.10405	A	2ACSR	14.70Y	122.5	0.04	3.47	77.85	50	1082	373	95	0.33	0.0	4.267	0.029	0	0	0	563
		B		15.07Y	125.6	0.01	0.44	33.35	21	492	104	98					0	0	0	243
		C		15.02Y	125.2	0.01	0.84	26.13	17	387	62	99					0	0	0	141
RG.10	PL.27925	A	1ph-100A-7	15.12Y	126.0	-3.47	0.00	77.85	78	1082	373	95	percent Boost= 2.83 Tap= 4.5							563
		B		15.12Y	126.0	-0.44	0.00	33.35	33	491	104	98	percent Boost= 0.35 Tap= 0.6							
		C		15.12Y	126.0	-0.84	0.00	26.13	26	387	62	99	percent Boost= 0.67 Tap= 1.1							
PL.28123	RG.10	A	2ACSR	15.05Y	125.5	0.55	0.55	75.71	49	1082	373	95	4.98	0.3	4.730	0.463	0	0	0	563
		B		15.11Y	125.9	0.10	0.10	33.23	21	491	104	98					0	0	0	243
		C		15.10Y	125.8	0.15	0.15	25.95	17	387	62	99					0	0	0	141
PD.251-A	PL.28123	A	Closed	15.05Y	125.5	0.00	0.55	75.71	0	1078	370	95	0.00	0.0	4.730	0.000	0	0	0	563
		B		15.11Y	125.9	0.00	0.10	33.23	0	491	104	98					0	0	0	243
		C		15.10Y	125.8	0.00	0.15	25.95	0	387	62	99					0	0	0	141
PD.251-B	PD.251-A	A	Closed	15.05Y	125.5	0.00	0.55	75.71	0	1078	370	95	0.00	0.0	4.730	0.000	0	0	0	563
		B		15.11Y	125.9	0.00	0.10	33.23	0	491	104	98					0	0	0	243
		C		15.10Y	125.8	0.00	0.15	25.95	0	387	62	99					0	0	0	141
PL.16828	PD.251-B	A	2ACSR	15.00Y	125.0	0.46	1.00	75.71	49	1078	370	95	4.20	0.2	5.121	0.390	0	0	0	563
		B		15.10Y	125.8	0.08	0.19	33.23	21	491	104	98					0	0	0	243
		C		15.09Y	125.7	0.13	0.28	25.95	17	387	62	99					0	0	0	141
PL.10420	PL.16828	A	2ACSR	14.98Y	124.8	0.17	1.18	75.71	49	1074	368	95	1.60	0.1	5.269	0.148	0	0	0	563
		B		15.09Y	125.8	0.03	0.22	33.23	21	491	103	98					0	0	0	243
		C		15.08Y	125.7	0.05	0.33	25.95	17	386	62	99					0	0	0	141
PL.21155	PL.10420	A	4ACSR	14.98Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	5.287	0.018	0	0	0	0
PD.3090	PL.21155	A	fuse6AMP	14.98Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	5.287	0.000	0	0	0	0
PL.21156	PD.3090	A	4ACSR	14.98Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	5.321	0.034	0	0	0	0
031820	PL.21156	A	Consumer	14.98Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	5.321	0.000	0	0	0	0
031819	PL.21156	A	Consumer	14.98Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	5.321	0.000	0	0	0	0
PL.10421	PL.10420	A	1/0ACSR	14.95Y	124.6	0.23	1.40	75.71	38	1073	367	95	1.80	0.1	5.528	0.259	0	0	0	563
		B		15.09Y	125.8	0.02	0.24	33.23	17	491	103	98					0	0	0	243
		C		15.07Y	125.6	0.06	0.39	25.95	13	386	62	99					0	0	0	141
PL.16199	PL.10421	A	4ACSR	14.95Y	124.6	0.00	1.41	2.61	2	36	14	93	0.00	0.0	5.537	0.009	0	0	0	28
PD.254-A	PL.16199	A	Closed	14.95Y	124.6	0.00	1.41	2.61	0	36	14	93	0.00	0.0	5.537	0.000	0	0	0	28
PD.254-B	PD.254-A	A	Closed	14.95Y	124.6	0.00	1.41	2.61	0	36	14	93	0.00	0.0	5.537	0.000	0	0	0	28

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.16200	PD.254-B	A	4ACSR	14.95Y	124.6	0.00	1.41	2.61	2	36	14	93	0.00	0.0	5.574	0.037	0	0	0	28		
PL.1819	PL.16200	A	4ACSR	14.95Y	124.6	0.00	1.41	0.07	0	1	0	100	0.00	0.0	5.624	0.050	0	0	0	1		
031827	PL.1819	A	Consumer	14.95Y	124.6	0.00	1.41	0.07	0	1	0	100	0.00	0.0	5.624	0.000	1	0	1	1		
PL.17895	PL.16200	A	4ACSR	14.95Y	124.6	0.00	1.41	2.54	2	35	14	93	0.00	0.0	5.636	0.062	0	0	0	27		
PD.3404	PL.17895	A	25L	14.95Y	124.6	0.00	1.41	2.54	10	35	14	93	0.00	0.0	5.636	0.000	0	0	0	27		
PL.17896	PD.3404	A	4ACSR	14.95Y	124.6	0.00	1.42	2.54	2	35	14	93	0.00	0.0	5.702	0.067	0	0	0	27		
031822	PL.17896	A	Consumer	14.95Y	124.6	0.00	1.42	0.20	0	3	1	95	0.00	0.0	5.702	0.000	3	1	1	1		
PL.6279	PL.17896	A	4ACSR	14.95Y	124.6	0.00	1.42	2.34	2	33	13	93	0.00	0.0	5.763	0.061	0	0	0	26		
PL.6280	PL.6279	A	4ACSR	14.95Y	124.6	0.00	1.42	2.31	2	32	13	93	0.00	0.0	5.822	0.059	0	0	0	25		
PL.27807	PL.6280	A	4ACSR	14.95Y	124.6	0.00	1.42	2.01	2	28	11	93	0.00	0.0	5.876	0.054	0	0	0	24		
PL.27808	PL.27807	A	4ACSR	14.95Y	124.6	0.00	1.43	1.97	2	27	11	93	0.00	0.0	5.931	0.055	0	0	0	23		
030811	PL.27808	A	Consumer	14.95Y	124.6	0.00	1.43	0.11	0	1	1	71	0.00	0.0	5.931	0.000	1	1	1	1		
030819	PL.27808	A	Consumer	14.95Y	124.6	0.00	1.43	0.16	0	2	1	89	0.00	0.0	5.931	0.000	2	1	1	1		
030812	PL.27808	A	Consumer	14.95Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	5.931	0.000	0	0	0	0		
030822	PL.27808	A	Consumer	14.95Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	5.931	0.000	0	0	0	0		
030838	PL.27808	A	Consumer	14.95Y	124.6	0.00	1.43	0.01	0	0	0	100	0.00	0.0	5.931	0.000	0	0	1	1		
PL.6277	PL.27808	A	4ACSR	14.95Y	124.6	0.00	1.43	1.69	1	24	9	94	0.00	0.0	5.983	0.052	0	0	0	20		
PL.6278	PL.6277	A	4ACSR	14.95Y	124.6	0.00	1.43	1.43	1	20	8	93	0.00	0.0	6.019	0.036	0	0	0	19		
030827	PL.6278	A	Consumer	14.95Y	124.6	0.00	1.43	0.29	0	4	2	89	0.00	0.0	6.019	0.000	4	2	1	1		
030832	PL.6278	A	Consumer	14.95Y	124.6	0.00	1.43	0.01	0	0	0	100	0.00	0.0	6.019	0.000	0	0	1	1		
030808	PL.6278	A	Consumer	14.95Y	124.6	0.00	1.43	0.10	0	1	1	71	0.00	0.0	6.019	0.000	1	1	1	1		
PL.19265	PL.6278	A	4ACSR	14.95Y	124.6	0.00	1.43	1.03	1	14	6	92	0.00	0.0	6.048	0.029	0	0	0	16		
030830	PL.19265	A	Consumer	14.95Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	6.048	0.000	0	0	0	0		
030844	PL.19265	A	Consumer	14.95Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	6.048	0.000	0	0	1	1		
PL.34996	PL.19265	A	4ACSR	14.95Y	124.6	0.00	1.43	1.02	1	14	6	92	0.00	0.0	6.080	0.033	0	0	0	15		
PL.34997	PL.34996	A	4ACSR	14.95Y	124.6	0.00	1.43	1.02	1	14	6	92	0.00	0.0	6.112	0.031	0	0	0	14		
030825	PL.34997	A	Consumer	14.95Y	124.6	0.00	1.43	0.01	0	0	0	100	0.00	0.0	6.112	0.000	0	0	1	1		
030840	PL.34997	A	Consumer	14.95Y	124.6	0.00	1.43	0.01	0	0	0	100	0.00	0.0	6.112	0.000	0	0	1	1		
PL.6273	PL.34997	A	4ACSR	14.95Y	124.6	0.00	1.43	0.72	1	10	4	93	0.00	0.0	6.170	0.058	0	0	0	8		
PL.10422	PL.6273	A	4ACSR	14.95Y	124.6	0.00	1.43	0.72	1	10	4	93	0.00	0.0	6.222	0.052	0	0	0	7		
PL.1818	PL.10422	A	4ACSR	14.95Y	124.6	0.00	1.43	0.39	0	5	2	93	0.00	0.0	6.280	0.058	0	0	0	3		
030818	PL.1818	A	Consumer	14.95Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	6.280	0.000	0	0	0	0		
030816	PL.1818	A	Consumer	14.95Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	6.280	0.000	0	0	0	0		
030814	PL.1818	A	Consumer	14.95Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	6.280	0.000	0	0	0	0		
030823	PL.1818	A	Consumer	14.95Y	124.6	0.00	1.43	0.09	0	1	0	100	0.00	0.0	6.280	0.000	1	0	1	1		
030841	PL.1818	A	Consumer	14.95Y	124.6	0.00	1.43	0.23	0	3	1	95	0.00	0.0	6.280	0.000	3	1	1	1		
030837	PL.1818	A	Consumer	14.95Y	124.6	0.00	1.43	0.08	0	1	0	100	0.00	0.0	6.280	0.000	1	0	1	1		
PL.10423	PL.10422	A	4ACSR	14.95Y	124.6	0.00	1.43	0.33	0	5	2	93	0.00	0.0	6.260	0.038	0	0	0	4		

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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, Thru Cap, Thru KW, Thru 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\EXISTING JUL05 CWP.WM\
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Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							% Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW								
PL.21833	PL.28224	A	4ACSR	14.82Y	123.5	0.07	2.53	22.15	19	296	142	90	0.16	0.1	6.946	0.134	0	0	0	170	
PL.43363	PL.21833	A	4ACSR	14.82Y	123.5	0.00	2.53	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	2.53	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	2.53	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	2.53	0.07	0	1	0	100	0.00	0.0	7.116	0.000	1	0	1	1	
PL.21834	PL.21833	A	4ACSR	14.81Y	123.5	0.02	2.55	22.09	19	295	141	90	0.05	0.0	6.988	0.041	0	0	0	169	
PL.21835	PL.21834	A	4ACSR	14.80Y	123.3	0.15	2.70	22.07	19	295	141	90	0.35	0.1	7.291	0.303	0	0	0	168	
PL.21836	PL.21835	A	4ACSR	14.79Y	123.3	0.01	2.72	22.05	19	294	141	90	0.03	0.0	7.320	0.029	0	0	0	167	
PL.21656	PL.21836	A	4ACSR	14.79Y	123.2	0.04	2.76	22.05	19	294	141	90	0.09	0.0	7.396	0.077	0	0	0	167	
PD.408-A	PL.21656	A	Closed	14.79Y	123.2	0.00	2.76	22.05	0	294	141	90	0.00	0.0	7.396	0.000	0	0	0	167	
PD.408-B	PD.408-A	A	Closed	14.79Y	123.2	0.00	2.76	22.05	0	294	141	90	0.00	0.0	7.396	0.000	0	0	0	167	
PL.21657	PD.408-B	A	4ACSR	14.79Y	123.2	0.00	2.76	22.05	19	294	141	90	0.00	0.0	7.399	0.003	0	0	0	167	
459824	PL.21657	A	Consumer	14.79Y	123.2	0.00	2.76	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	123.2	0.02	2.78	22.05	19	294	141	90	0.05	0.0	7.446	0.047	0	0	0	166	
PL.21142	PL.21837	A	4ACSR	14.79Y	123.2	0.00	2.78	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	123.2	0.00	2.78	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	123.2	0.00	2.78	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	123.2	0.00	2.78	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	123.2	0.00	2.78	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	123.2	0.00	2.78	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	123.2	0.00	2.78	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	123.2	0.00	2.78	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	123.2	0.00	2.78	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	123.2	0.00	2.79	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	123.2	0.00	2.79	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	123.2	0.00	2.79	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	123.2	0.00	2.79	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	123.2	0.00	2.79	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	123.2	0.00	2.79	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	123.2	0.00	2.79	0.44	0	6	2	95	0.00	0.0	8.043	0.000	6	2	1	1	
459827	PL.22257	A	Consumer	14.79Y	123.2	0.00	2.78	0.18	0	2	1	89	0.00	0.0	7.585	0.000	2	1	1	1	
PL.21654	PL.21837	A	4ACSR	14.78Y	123.2	0.05	2.83	21.00	18	280	135	90	0.11	0.0	7.548	0.102	0	0	0	158	
PL.21655	PL.21654	A	4ACSR	14.78Y	123.2	0.00	2.83	21.00	18	279	135	90	0.01	0.0	7.555	0.007	0	0	0	158	
PL.21838	PL.21655	A	4ACSR	14.78Y	123.2	0.01	2.84	20.53	17	273	133	90	0.02	0.0	7.570	0.015	0	0	0	152	
459834	PL.21838	A	Consumer	14.78Y	123.2	0.00	2.84	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	2.84	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	2.84	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	2.84	0.06	0	1	0	100	0.00	0.0	7.570	0.000	1	0	1	1	

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
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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	KVAR						Cons On	Cons Thru		
PL.21839	PL.21838	A	4ACSR	14.78Y	123.1	0.03	2.87	20.38	17	271	132	90	0.07	0.0	7.637	0.066	0	0	0	149		
PL.21840	PL.21839	A	4ACSR	14.77Y	123.1	0.06	2.93	19.92	17	265	129	90	0.12	0.0	7.763	0.126	0	0	0	145		
PL.19314	PL.21840	A	4ACSR	14.76Y	123.0	0.04	2.97	19.92	17	264	129	90	0.08	0.0	7.844	0.081	0	0	0	145		
459804	PL.19314	A	Consumer	14.76Y	123.0	0.00	2.97	0.19	0	3	1	95	0.00	0.0	7.844	0.000	3	1	1	1		
459808	PL.19314	A	Consumer	14.76Y	123.0	0.00	2.97	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	3.01	19.52	16	259	127	90	0.08	0.0	7.930	0.086	0	0	0	143		
459809	PL.19315	A	Consumer	14.76Y	123.0	0.00	3.01	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	3.01	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	3.01	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	3.02	19.42	16	257	126	90	0.03	0.0	7.961	0.031	0	0	0	140		
PL.7003	PL.17995	A	4ACSR	14.76Y	123.0	0.02	3.04	19.40	16	257	126	90	0.04	0.0	8.000	0.039	0	0	0	139		
459805	PL.7003	A	Consumer	14.76Y	123.0	0.00	3.04	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	3.10	19.35	16	256	126	90	0.13	0.0	8.142	0.142	0	0	0	138		
458803	PL.10425	A	Consumer	14.75Y	122.9	0.00	3.10	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	3.11	19.35	16	256	126	90	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	3.11	19.35	0	256	126	90	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	3.11	19.35	0	256	126	90	0.00	0.0	8.152	0.000	0	0	0	137		
PL.20574	PD.407-B	A	4ACSR	14.74Y	122.9	0.04	3.14	19.35	16	256	126	90	0.07	0.0	8.233	0.080	0	0	0	137		
458811	PL.20574	A	Consumer	14.74Y	122.9	0.00	3.14	0.07	0	1	0	100	0.00	0.0	8.233	0.000	1	0	1	1		
458809	PL.20574	A	Consumer	14.74Y	122.9	0.00	3.14	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	122.8	0.04	3.18	19.24	16	255	125	90	0.08	0.0	8.324	0.091	0	0	0	135		
PL.7000	PL.6999	A	4ACSR	14.73Y	122.8	0.03	3.21	18.98	16	251	124	90	0.05	0.0	8.386	0.062	0	0	0	134		
458826	PL.7000	A	Consumer	14.73Y	122.8	0.00	3.21	0.14	0	2	1	89	0.00	0.0	8.386	0.000	2	1	1	1		
458836	PL.7000	A	Consumer	14.73Y	122.8	0.00	3.21	0.11	0	2	1	89	0.00	0.0	8.386	0.000	2	1	1	1		
458859	PL.7000	A	Consumer	14.73Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	8.386	0.000	0	0	1	1		
PL.27272	PL.7000	A	4ACSR	14.73Y	122.8	0.00	3.21	0.74	1	10	4	93	0.00	0.0	8.388	0.002	0	0	0	15		
PD.1053	PL.27272	A	fuse6AMP	14.73Y	122.8	0.00	3.21	0.74	13	10	4	93	0.00	0.0	8.388	0.000	0	0	0	15		
PL.27273	PD.1053	A	4ACSR	14.73Y	122.8	0.00	3.21	0.74	1	10	4	93	0.00	0.0	8.429	0.040	0	0	0	15		
458844	PL.27273	A	Consumer	14.73Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	8.429	0.000	0	0	1	1		
458807	PL.27273	A	Consumer	14.73Y	122.8	0.00	3.21	0.03	0	0	0	100	0.00	0.0	8.429	0.000	0	0	1	1		
PL.10426	PL.27273	A	4ACSR	14.73Y	122.8	0.00	3.21	0.57	0	8	3	94	0.00	0.0	8.470	0.041	0	0	0	8		
PL.7001	PL.10426	A	4ACSR	14.73Y	122.8	0.00	3.21	0.40	0	5	2	93	0.00	0.0	8.544	0.074	0	0	0	5		
PL.19959	PL.7001	A	4ACSR	14.73Y	122.8	0.00	3.21	0.15	0	2	1	89	0.00	0.0	8.600	0.056	0	0	0	4		
458849	PL.19959	A	Consumer	14.73Y	122.8	0.00	3.21	0.12	0	2	1	89	0.00	0.0	8.600	0.000	2	1	1	1		
458850	PL.19959	A	Consumer	14.73Y	122.8	0.00	3.21	0.02	0	0	0	100	0.00	0.0	8.600	0.000	0	0	1	1		
PL.19960	PL.19959	A	4ACSR	14.73Y	122.8	-0.00	3.21	0.00	0	0	0	100	0.00	0.0	8.659	0.059	0	0	0	2		
PL.6997	PL.19960	A	4ACSR	14.73Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	8.691	0.032	0	0	0	1		
PL.6998	PL.6997	A	4ACSR	14.73Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	8.731	0.040	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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.6996	PL.6998	A	4ACSR	14.73Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	8.768	0.037	0	0	0	1
458854	PL.6996	A	Consumer	14.73Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	8.768	0.000	0	0	1	1
458853	PL.19960	A	Consumer	14.73Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	8.659	0.000	0	0	1	1
458820	PL.19960	A	Consumer	14.73Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	8.659	0.000	0	0	0	0
458818	PL.19960	A	Consumer	14.73Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	8.659	0.000	0	0	0	0
458808	PL.19960	A	Consumer	14.73Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	8.659	0.000	0	0	0	0
PL.2625	PL.7001	A	4ACSR	14.73Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	8.649	0.105	0	0	0	0
458845	PL.2625	A	Consumer	14.73Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	8.649	0.000	0	0	0	0
458851	PL.7001	A	Consumer	14.73Y	122.8	0.00	3.21	0.25	0	3	1	95	0.00	0.0	8.544	0.000	3	1	1	1
458840	PL.10426	A	Consumer	14.73Y	122.8	0.00	3.21	0.05	0	1	0	100	0.00	0.0	8.470	0.000	1	0	1	1
458841	PL.10426	A	Consumer	14.73Y	122.8	0.00	3.21	0.05	0	1	0	100	0.00	0.0	8.470	0.000	1	0	1	1
458852	PL.10426	A	Consumer	14.73Y	122.8	0.00	3.21	0.08	0	1	0	100	0.00	0.0	8.470	0.000	1	0	1	1
PL.19521	PL.27273	A	4ACSR	14.73Y	122.8	0.00	3.21	0.13	0	2	1	89	0.00	0.0	8.471	0.043	0	0	0	5
458839	PL.19521	A	Consumer	14.73Y	122.8	0.00	3.21	0.02	0	0	0	100	0.00	0.0	8.471	0.000	0	0	1	1
458838	PL.19521	A	Consumer	14.73Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	8.471	0.000	0	0	0	0
PL.19522	PL.19521	A	4ACSR	14.73Y	122.8	0.00	3.21	0.11	0	2	1	89	0.00	0.0	8.514	0.043	0	0	0	4
458842	PL.19522	A	Consumer	14.73Y	122.8	0.00	3.21	0.01	0	0	0	100	0.00	0.0	8.514	0.000	0	0	1	1
PL.6995	PL.19522	A	4ACSR	14.73Y	122.8	0.00	3.21	0.10	0	1	1	71	0.00	0.0	8.542	0.028	0	0	0	3
458837	PL.6995	A	Consumer	14.73Y	122.8	0.00	3.21	0.03	0	0	0	100	0.00	0.0	8.542	0.000	0	0	1	1
458866	PL.6995	A	Consumer	14.73Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	8.542	0.000	0	0	0	0
458843	PL.6995	A	Consumer	14.73Y	122.8	0.00	3.21	0.06	0	1	0	100	0.00	0.0	8.542	0.000	1	0	1	1
458848	PL.6995	A	Consumer	14.73Y	122.8	0.00	3.21	0.01	0	0	0	100	0.00	0.0	8.542	0.000	0	0	1	1
PL.10427	PL.7000	A	4ACSR	14.73Y	122.8	0.02	3.23	17.99	15	237	118	90	0.03	0.0	8.426	0.040	0	0	0	116
PL.10488	PL.10427	A	4ACSR	14.73Y	122.8	-0.00	3.23	0.13	0	2	1	89	0.00	0.0	8.428	0.002	0	0	0	9
PL.27270	PL.10488	A	4ACSR	14.73Y	122.8	0.00	3.23	0.13	0	2	1	89	0.00	0.0	8.431	0.003	0	0	0	9
PD.1052	PL.27270	A	fuse6AMP	14.73Y	122.8	0.00	3.23	0.13	2	2	1	89	0.00	0.0	8.431	0.000	0	0	0	9
PL.27271	PD.1052	A	4ACSR	14.73Y	122.8	0.00	3.23	0.13	0	2	1	89	0.00	0.0	8.569	0.138	0	0	0	9
PL.10489	PL.27271	A	4ACSR	14.73Y	122.8	0.00	3.23	0.08	0	1	0	100	0.00	0.0	8.609	0.040	0	0	0	5
PL.7002	PL.10489	A	4ACSR	14.73Y	122.8	0.00	3.23	0.08	0	1	0	100	0.00	0.0	8.649	0.039	0	0	0	5
PL.22528	PL.7002	A	4ACSR	14.73Y	122.8	0.00	3.23	0.08	0	1	0	100	0.00	0.0	8.695	0.047	0	0	0	4
458863	PL.22528	A	Consumer	14.73Y	122.8	0.00	3.23	0.00	0	0	0	100	0.00	0.0	8.695	0.000	0	0	0	0
458865	PL.22528	A	Consumer	14.73Y	122.8	0.00	3.23	0.03	0	0	0	100	0.00	0.0	8.695	0.000	0	0	1	1
458855	PL.22528	A	Consumer	14.73Y	122.8	0.00	3.23	0.00	0	0	0	100	0.00	0.0	8.695	0.000	0	0	1	1
458835	PL.22528	A	Consumer	14.73Y	122.8	0.00	3.23	0.00	0	0	0	100	0.00	0.0	8.695	0.000	0	0	0	0
458864	PL.22528	A	Consumer	14.73Y	122.8	0.00	3.23	0.00	0	0	0	100	0.00	0.0	8.695	0.000	0	0	1	1
458833	PL.22528	A	Consumer	14.73Y	122.8	0.00	3.23	0.04	0	1	0	100	0.00	0.0	8.695	0.000	1	0	1	1
458857	PL.7002	A	Consumer	14.73Y	122.8	0.00	3.23	0.01	0	0	0	100	0.00	0.0	8.649	0.000	0	0	1	1
458829	PL.27271	A	Consumer	14.73Y	122.8	0.00	3.23	0.01	0	0	0	100	0.00	0.0	8.569	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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								
458801	PL.27271	A	Consumer	14.73Y	122.8	0.00	3.23	0.01	0	0	0	100	0.00	0.0	8.569	0.000	0	0	1	1		
458831	PL.27271	A	Consumer	14.73Y	122.8	0.00	3.23	0.00	0	0	0	100	0.00	0.0	8.569	0.000	0	0	1	1		
458830	PL.27271	A	Consumer	14.73Y	122.8	0.00	3.23	0.02	0	0	0	100	0.00	0.0	8.569	0.000	0	0	1	1		
PL.10487	PL.10427	A	4ACSR	14.73Y	122.8	0.01	3.24	17.86	15	235	118	89	0.03	0.0	8.462	0.036	0	0	0	107		
458828	PL.10487	A	Consumer	14.73Y	122.8	0.00	3.24	0.04	0	1	0	100	0.00	0.0	8.462	0.000	1	0	1	1		
458847	PL.10487	A	Consumer	14.73Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	8.462	0.000	0	0	0	0		
458846	PL.10487	A	Consumer	14.73Y	122.8	0.00	3.24	0.08	0	1	0	100	0.00	0.0	8.462	0.000	1	0	1	1		
458825	PL.10487	A	Consumer	14.73Y	122.8	0.00	3.24	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	122.7	0.02	3.27	17.74	15	234	117	89	0.04	0.0	8.516	0.054	0	0	0	105		
458823	PL.19679	A	Consumer	14.73Y	122.7	0.00	3.27	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	122.7	0.00	3.27	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	122.7	0.00	3.27	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	122.7	0.00	3.27	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	122.7	0.00	3.27	0.04	0	1	0	100	0.00	0.0	8.516	0.000	1	0	1	1		
PL.19680	PL.19679	A	4ACSR	14.72Y	122.7	0.04	3.30	17.40	15	229	115	89	0.07	0.0	8.612	0.095	0	0	0	100		
PL.10490	PL.19680	A	4ACSR	14.72Y	122.7	0.03	3.33	16.88	14	222	112	89	0.05	0.0	8.680	0.068	0	0	0	98		
PL.27672	PL.10490	A	4ACSR	14.72Y	122.6	0.03	3.36	15.93	13	209	107	89	0.05	0.0	8.755	0.075	0	0	0	94		
458815	PL.27672	A	Consumer	14.72Y	122.6	0.00	3.36	0.02	0	0	0	100	0.00	0.0	8.755	0.000	0	0	1	1		
PL.28381	PL.27672	A	4ACSR	14.71Y	122.6	0.02	3.38	15.91	13	208	107	89	0.04	0.0	8.814	0.059	0	0	0	93		
PL.21841	PL.28381	A	4ACSR	14.71Y	122.6	0.01	3.39	15.65	13	205	106	89	0.02	0.0	8.846	0.031	0	0	0	88		
PL.27269	PL.21841	A	4ACSR	14.71Y	122.6	0.00	3.39	15.65	13	205	106	89	0.00	0.0	8.851	0.006	0	0	0	88		
PD.3524	PL.27269	A	35L	14.71Y	122.6	0.00	3.39	15.65	45	205	106	89	0.00	0.0	8.851	0.000	0	0	0	88		
PL.46582	PD.3524	A	4ACSR	14.71Y	122.6	0.03	3.42	15.65	13	205	106	89	0.05	0.0	8.931	0.080	0	0	0	88		
C ST.27	PL.46582	A	Transforme	7.12Y	118.6	3.98	7.40	15.65	135	205	106	89	1.01	0.5	8.931	0.000	0	0	0	88 C		
PL.46583	ST.27	A	4ACSR	7.09Y	118.2	0.35	7.76	31.30	26	204	90	91	0.57	0.3	9.174	0.244	0	0	0	88		
L PL.21534	PL.46583	A	4ACSR	7.02Y	117.0	1.20	8.96	29.69	25	192	86	91	1.85	1.0	10.052	0.878	0	0	0	82 L		
L PL.21535	PL.21534	A	4ACSR	7.00Y	116.7	0.32	9.28	29.69	25	191	85	91	0.49	0.3	10.284	0.232	0	0	0	82 L		
L PL.28602	PL.21535	A	4ACSR	6.99Y	116.5	0.22	9.49	29.69	25	190	84	91	0.33	0.2	10.442	0.158	0	0	0	82 L		
L PL.28532	PL.28602	A	4ACSR	6.99Y	116.5	0.01	9.50	19.76	17	125	59	90	0.01	0.0	10.450	0.008	0	0	0	26 L		
L PD.2665	PL.28532	A	25L	6.99Y	116.5	0.00	9.50	19.76	79	125	59	90	0.00	0.0	10.450	0.000	0	0	0	26 L		
L PL.28533	PD.2665	A	4ACSR	6.93Y	115.5	0.95	10.45	19.76	17	125	59	90	0.97	0.8	11.494	1.044	0	0	0	26 L		
L PL.22665	PL.28533	A	4ACSR	6.91Y	115.1	0.40	10.85	14.35	12	90	43	90	0.30	0.3	12.095	0.602	0	0	0	18 L		
L PL.21675	PL.22665	A	4ACSR	6.91Y	115.1	0.00	10.86	14.35	12	89	43	90	0.00	0.0	12.101	0.005	0	0	0	18 L		
L PD.2664	PL.21675	A	15H	6.91Y	115.1	0.00	10.86	14.35	96	89	43	90	0.00	0.0	12.101	0.000	0	0	0	18 L		
L PL.21869	PD.2664	A	4ACSR	6.90Y	115.1	0.09	10.95	14.35	12	89	43	90	0.07	0.1	12.236	0.136	0	0	0	18 L		
L PL.22190	PL.21869	A	4ACSR	6.89Y	114.8	0.26	11.21	14.09	12	87	42	90	0.19	0.2	12.633	0.396	0	0	0	17 L		
L PL.28601	PL.22190	A	4ACSR	6.88Y	114.7	0.05	11.26	14.09	12	87	42	90	0.03	0.0	12.706	0.074	0	0	0	17 L		
L PL.28599	PL.28601	A	4ACSR	6.86Y	114.4	0.34	11.60	14.09	12	87	42	90	0.25	0.3	13.228	0.522	0	0	0	17 L		

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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, Thru % Cap, Thru KW, Thru KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi)), Element (KW, KVAR), Cons On, Cons Thru. Rows list various elements like L PL.22667, L PL.28600, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	% PF	kW Loss	% Loss									
L 464215	PL.29567	A	Consumer	6.81Y	113.4	0.00	12.55	0.25	0	2	1	89	0.00	0.0	14.921	0.000	2	1	1	1	L	
L 464218	PL.29567	A	Consumer	6.81Y	113.4	0.00	12.55	0.61	0	4	2	89	0.00	0.0	14.921	0.000	4	2	1	1	L	
L PL.29565	PL.29230	A	4ACSR	6.81Y	113.6	0.00	12.44	0.45	0	3	1	95	0.00	0.0	14.633	0.041	0	0	0	0	1	L
L 464214	PL.29565	A	Consumer	6.81Y	113.6	0.00	12.44	0.45	0	3	1	95	0.00	0.0	14.633	0.000	3	1	1	1	1	L
L 464216	PL.29226	A	Consumer	6.82Y	113.6	0.00	12.37	0.99	0	6	3	89	0.00	0.0	14.443	0.000	6	3	1	1	1	L
L 464206	PL.29226	A	Consumer	6.82Y	113.6	0.00	12.37	0.37	0	2	1	89	0.00	0.0	14.443	0.000	2	1	1	1	1	L
L PL.29563	PL.29228	A	4ACSR	6.82Y	113.7	0.00	12.29	0.00	0	0	0	100	0.00	0.0	14.340	0.036	0	0	0	0	0	L
L PL.29562	PL.29227	A	4ACSR	6.82Y	113.7	0.00	12.28	1.12	1	7	3	92	0.00	0.0	14.316	0.036	0	0	0	0	1	L
L 464204	PL.29562	A	Consumer	6.82Y	113.7	0.00	12.28	1.12	0	7	3	92	0.00	0.0	14.316	0.000	7	3	1	1	1	L
L PL.22116	PL.21869	A	4ACSR	6.90Y	115.1	0.00	10.95	0.27	0	2	1	89	0.00	0.0	12.239	0.002	0	0	0	0	1	L
L PD.1050	PL.22116	A	fuse6AMP	6.90Y	115.1	0.00	10.95	0.27	5	2	1	89	0.00	0.0	12.239	0.000	0	0	0	0	1	L
L PL.22117	PD.1050	A	4ACSR	6.90Y	115.0	0.00	10.95	0.27	0	2	1	89	0.00	0.0	12.442	0.203	0	0	0	0	1	L
L 455906	PL.22117	A	Consumer	6.90Y	115.0	0.00	10.95	0.27	0	2	1	89	0.00	0.0	12.442	0.000	2	1	1	1	1	L
L PL.22121	PL.28533	A	4ACSR	6.93Y	115.5	0.00	10.46	5.41	5	34	15	91	0.00	0.0	11.497	0.003	0	0	0	0	8	L
L PD.405-A	PL.22121	A	Closed	6.93Y	115.5	0.00	10.46	5.41	0	34	15	91	0.00	0.0	11.497	0.000	0	0	0	0	8	L
L PD.405-B	PD.405-A	A	Closed	6.93Y	115.5	0.00	10.46	5.41	0	34	15	91	0.00	0.0	11.497	0.000	0	0	0	0	8	L
L PL.45318	PD.405-B	A	4ACSR	6.93Y	115.5	0.09	10.55	5.41	5	34	15	91	0.03	0.1	11.870	0.374	0	0	0	0	8	L
L PL.45319	PL.45318	A	4ACSR	6.93Y	115.4	0.02	10.57	5.41	5	34	15	91	0.01	0.0	11.962	0.091	0	0	0	0	8	L
L PD.5178	PL.45319	A	fuse6AMP	6.93Y	115.4	0.00	10.57	5.41	92	34	15	91	0.00	0.0	11.962	0.000	0	0	0	0	8	L
L PL.34964	PD.5178	A	4ACSR	6.92Y	115.4	0.04	10.61	5.28	4	33	15	91	0.01	0.0	12.110	0.148	0	0	0	0	7	L
L PD.1049	PL.34964	A	fuse6AMP	6.92Y	115.4	0.00	10.61	5.28	90	33	15	91	0.00	0.0	12.110	0.000	0	0	0	0	7	L
L PL.22120	PD.1049	A	4ACSR	6.92Y	115.4	0.00	10.61	5.28	4	33	15	91	0.00	0.0	12.117	0.007	0	0	0	0	7	L
L PL.29559	PL.22120	A	4ACSR	6.92Y	115.4	0.00	10.61	0.27	0	2	1	89	0.00	0.0	12.154	0.037	0	0	0	0	1	L
L 455901	PL.29559	A	Consumer	6.92Y	115.4	0.00	10.61	0.27	0	2	1	89	0.00	0.0	12.154	0.000	2	1	1	1	1	L
L PL.21673	PL.22120	A	4ACSR	6.92Y	115.4	0.01	10.62	5.01	4	32	14	92	0.00	0.0	12.171	0.055	0	0	0	0	6	L
L PL.21672	PL.21673	A	4ACSR	6.92Y	115.4	0.02	10.64	0.84	1	5	2	93	0.00	0.0	12.763	0.592	0	0	0	0	3	L
L PL.23082	PL.21672	A	4ACSR	6.92Y	115.4	0.00	10.65	0.31	0	2	1	89	0.00	0.0	12.837	0.074	0	0	0	0	2	L
L PL.23617	PL.23082	A	4ACSR	6.92Y	115.4	0.00	10.65	0.00	0	0	0	100	0.00	0.0	12.876	0.039	0	0	0	0	0	L
L 465201	PL.23082	A	Consumer	6.92Y	115.4	0.00	10.65	0.16	0	1	0	100	0.00	0.0	12.837	0.000	1	0	1	1	1	L
L PL.23618	PL.23082	A	4ACSR	6.92Y	115.4	0.00	10.65	0.15	0	1	0	100	0.00	0.0	12.967	0.130	0	0	0	0	1	L
L 465202	PL.23618	A	Consumer	6.92Y	115.4	0.00	10.65	0.15	0	1	0	100	0.00	0.0	12.967	0.000	1	0	1	1	1	L
L 455905	PL.21672	A	Consumer	6.92Y	115.4	0.00	10.64	0.52	0	3	1	95	0.00	0.0	12.763	0.000	3	1	1	1	1	L
L 455907	PL.21673	A	Consumer	6.92Y	115.4	0.00	10.62	1.50	0	9	5	87	0.00	0.0	12.171	0.000	9	5	1	1	1	L
L 455902	PL.21673	A	Consumer	6.92Y	115.4	0.00	10.62	1.48	0	10	4	93	0.00	0.0	12.171	0.000	10	4	1	1	1	L
L 455904	PL.21673	A	Consumer	6.92Y	115.4	0.00	10.62	1.19	0	7	4	87	0.00	0.0	12.171	0.000	7	4	1	1	1	L
L PL.34962	PD.5178	A	1/0EPRJCN	6.93Y	115.4	0.00	10.57	0.14	0	1	0	100	0.00	0.0	11.996	0.034	0	0	0	0	1	L
L 4559008	PL.34962	A	Consumer	6.93Y	115.4	0.00	10.57	0.14	0	1	0	100	0.00	0.0	11.996	0.000	1	0	1	1	1	L
L PL.45317	PL.45318	A	4ACSR	6.93Y	115.5	0.00	10.55	0.00	0	0	0	100	0.00	0.0	12.082	0.212	0	0	0	0	0	L

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

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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		
L PL.45320	PL.45317	A	4ACSR	6.93Y	115.5	0.00	10.55	0.00	0	0	0	100	0.00	0.0	12.122	0.040	0	0	0	0	L	
L 4559009	PL.45320	A	Consumer	6.93Y	115.5	0.00	10.55	0.00	0	0	0	100	0.00	0.0	12.122	0.000	0	0	0	0	L	
L PL.22968	PL.28602	A	4ACSR	6.99Y	116.5	0.00	9.50	9.95	8	65	25	93	0.00	0.0	10.448	0.005	0	0	0	56	L	
L PD.2666	PL.22968	A	25L	6.99Y	116.5	0.00	9.50	9.95	40	65	25	93	0.00	0.0	10.448	0.000	0	0	0	56	L	
L PL.22969	PD.2666	A	4ACSR	6.98Y	116.4	0.09	9.59	9.95	8	65	25	93	0.05	0.1	10.651	0.203	0	0	0	56	L	
L PL.21842	PL.22969	A	4ACSR	6.96Y	116.1	0.33	9.92	9.95	8	65	25	93	0.17	0.3	11.376	0.725	0	0	0	56	L	
L PL.22112	PL.21842	A	4ACSR	6.96Y	116.1	0.00	9.92	1.36	1	9	3	95	0.00	0.0	11.380	0.005	0	0	0	15	L	
L PD.1051	PL.22112	A	fuse6AMP	6.96Y	116.1	0.00	9.92	1.36	23	9	3	95	0.00	0.0	11.380	0.000	0	0	0	15	L	
L PL.22113	PD.1051	A	4ACSR	6.96Y	116.1	0.01	9.93	1.36	1	9	3	95	0.00	0.0	11.475	0.095	0	0	0	15	L	
L 457909	PL.22113	A	Consumer	6.96Y	116.1	0.00	9.93	0.00	0	0	0	100	0.00	0.0	11.475	0.000	0	0	1	1	L	
L 456917	PL.22113	A	Consumer	6.96Y	116.1	0.00	9.93	0.00	0	0	0	100	0.00	0.0	11.475	0.000	0	0	0	0	L	
L PL.22530	PL.22113	A	4ACSR	6.96Y	116.1	0.00	9.93	1.36	1	9	3	95	0.00	0.0	11.549	0.074	0	0	0	14	L	
L PL.21843	PL.22530	A	4ACSR	6.96Y	116.1	0.00	9.93	1.36	1	9	3	95	0.00	0.0	11.566	0.017	0	0	0	14	L	
L PL.22456	PL.21843	A	4ACSR	6.96Y	116.1	0.00	9.93	0.77	1	5	2	93	0.00	0.0	11.586	0.020	0	0	0	5	L	
L PL.22457	PL.22456	A	4ACSR	6.96Y	116.1	0.00	9.93	0.37	0	2	1	89	0.00	0.0	11.611	0.025	0	0	0	3	L	
L 456928	PL.22457	A	Consumer	6.96Y	116.1	0.00	9.93	0.02	0	0	0	100	0.00	0.0	11.611	0.000	0	0	1	1	L	
L 456918	PL.22457	A	Consumer	6.96Y	116.1	0.00	9.93	0.10	0	1	0	100	0.00	0.0	11.611	0.000	1	0	1	1	L	
L PL.22451	PL.22457	A	4ACSR	6.96Y	116.1	0.00	9.93	0.25	0	2	1	89	0.00	0.0	11.648	0.037	0	0	0	1	L	
L 456919	PL.22451	A	Consumer	6.96Y	116.1	0.00	9.93	0.25	0	2	1	89	0.00	0.0	11.648	0.000	2	1	1	1	L	
L 456923	PL.22456	A	Consumer	6.96Y	116.1	0.00	9.93	0.00	0	0	0	100	0.00	0.0	11.586	0.000	0	0	1	1	L	
L 456927	PL.22456	A	Consumer	6.96Y	116.1	0.00	9.93	0.41	0	3	1	95	0.00	0.0	11.586	0.000	3	1	1	1	L	
L PL.21844	PL.21843	A	4ACSR	6.96Y	116.1	0.00	9.93	0.59	0	4	1	97	0.00	0.0	11.651	0.085	0	0	0	9	L	
L PL.33047	PL.21844	A	4ACSR	6.96Y	116.1	0.00	9.93	0.15	0	1	0	100	0.00	0.0	11.720	0.069	0	0	0	1	L	
L 456925	PL.33047	A	Consumer	6.96Y	116.1	0.00	9.93	0.15	0	1	0	100	0.00	0.0	11.720	0.000	1	0	1	1	L	
L 456915	PL.21844	A	Consumer	6.96Y	116.1	0.00	9.93	0.10	0	1	0	100	0.00	0.0	11.651	0.000	1	0	1	1	L	
L 456913	PL.21844	A	Consumer	6.96Y	116.1	0.00	9.93	0.12	0	1	0	100	0.00	0.0	11.651	0.000	1	0	1	1	L	
L 456920	PL.21844	A	Consumer	6.96Y	116.1	0.00	9.93	0.02	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1	L	
L 456916	PL.21844	A	Consumer	6.96Y	116.1	0.00	9.93	0.06	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1	L	
L 457908	PL.21844	A	Consumer	6.96Y	116.1	0.00	9.93	0.07	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1	L	
L 456921	PL.21844	A	Consumer	6.96Y	116.1	0.00	9.93	0.00	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1	L	
L 456924	PL.21844	A	Consumer	6.96Y	116.1	0.00	9.93	0.01	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1	L	
L 456911	PL.21844	A	Consumer	6.96Y	116.1	0.00	9.93	0.05	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1	L	
L PL.22666	PL.21842	A	4ACSR	6.96Y	116.1	0.02	9.94	8.59	7	56	22	93	0.01	0.0	11.429	0.054	0	0	0	41	L	
L 457914	PL.22666	A	Consumer	6.96Y	116.1	0.00	9.94	0.09	0	1	0	100	0.00	0.0	11.429	0.000	1	0	1	1	L	
L 457916	PL.22666	A	Consumer	6.96Y	116.1	0.00	9.94	0.16	0	1	0	100	0.00	0.0	11.429	0.000	1	0	1	1	L	
L PL.28585	PL.22666	A	4ACSR	6.96Y	116.1	0.01	9.95	5.83	5	38	15	93	0.00	0.0	11.455	0.025	0	0	0	22	L	
L 457913	PL.28585	A	Consumer	6.96Y	116.1	0.00	9.95	0.04	0	0	0	100	0.00	0.0	11.455	0.000	0	0	1	1	L	
L 457910	PL.28585	A	Consumer	6.96Y	116.1	0.00	9.95	0.17	0	1	0	100	0.00	0.0	11.455	0.000	1	0	1	1	L	

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----						
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF			kW Loss	% Loss	KW	KVAR	Cons On	Cons Thru	
L 457906	PL.28585	A	Consumer	6.96Y	116.1	0.00	9.95	0.20	0	1	1	71	0.00	0.0	11.455	0.000	1	1	1	1	L	
L PL.28586	PL.28585	A	4ACSR	6.96Y	116.0	0.03	9.98	5.41	5	35	14	93	0.01	0.0	11.577	0.122	0	0	0	0	19	L
L PL.22531	PL.28586	A	4ACSR	6.96Y	116.0	0.02	10.00	4.47	4	29	11	93	0.01	0.0	11.688	0.111	0	0	0	0	18	L
L PL.22529	PL.22531	A	4ACSR	6.96Y	116.0	0.01	10.01	3.90	3	25	10	93	0.00	0.0	11.753	0.066	0	0	0	0	16	L
L PL.22191	PL.22529	A	4ACSR	6.96Y	116.0	0.00	10.01	3.90	3	25	10	93	0.00	0.0	11.755	0.002	0	0	0	0	16	L
L PL.28552	PL.22191	A	4ACSR	6.96Y	116.0	0.01	10.02	1.97	2	13	5	93	0.00	0.0	11.811	0.056	0	0	0	0	5	L
L 467203	PL.28552	A	Consumer	6.96Y	116.0	0.00	10.02	0.30	0	2	1	89	0.00	0.0	11.811	0.000	2	1	1	1	1	L
L PL.28553	PL.28552	A	4ACSR	6.96Y	116.0	0.00	10.02	1.67	1	11	4	94	0.00	0.0	11.832	0.021	0	0	0	0	4	L
L PL.22192	PL.28553	A	4ACSR	6.96Y	116.0	0.00	10.02	1.67	1	11	4	94	0.00	0.0	11.886	0.054	0	0	0	0	4	L
L PL.22193	PL.22192	A	4ACSR	6.96Y	116.0	0.00	10.02	1.46	1	9	4	91	0.00	0.0	11.898	0.013	0	0	0	0	3	L
L PL.22608	PL.22193	A	4ACSR	6.96Y	116.0	0.00	10.03	1.46	1	9	4	91	0.00	0.0	11.923	0.025	0	0	0	0	3	L
L PL.22609	PL.22608	A	4ACSR	6.96Y	116.0	0.00	10.03	1.06	1	7	3	92	0.00	0.0	11.986	0.063	0	0	0	0	2	L
L 467208	PL.22609	A	Consumer	6.96Y	116.0	0.00	10.03	0.04	0	0	0	100	0.00	0.0	11.986	0.000	0	0	1	1	1	L
L 467216	PL.22609	A	Consumer	6.96Y	116.0	0.00	10.03	1.02	0	7	3	92	0.00	0.0	11.986	0.000	7	3	1	1	1	L
L 467207	PL.22608	A	Consumer	6.96Y	116.0	0.00	10.03	0.40	0	3	1	95	0.00	0.0	11.923	0.000	3	1	1	1	1	L
L 457919	PL.22608	A	Consumer	6.96Y	116.0	0.00	10.03	0.00	0	0	0	100	0.00	0.0	11.923	0.000	0	0	0	0	0	L
L 4672017	PL.22608	A	Consumer	6.96Y	116.0	0.00	10.03	0.00	0	0	0	100	0.00	0.0	11.923	0.000	0	0	0	0	0	L
L 457918	PL.22608	A	Consumer	6.96Y	116.0	0.00	10.03	0.00	0	0	0	100	0.00	0.0	11.923	0.000	0	0	0	0	0	L
L 467220	PL.22608	A	Consumer	6.96Y	116.0	0.00	10.03	0.00	0	0	0	100	0.00	0.0	11.923	0.000	0	0	0	0	0	L
L PL.22326	PL.22192	A	4ACSR	6.96Y	116.0	0.00	10.02	0.21	0	1	1	71	0.00	0.0	11.892	0.007	0	0	0	0	1	L
L PL.23619	PL.22326	A	4ACSR	6.96Y	116.0	0.00	10.02	0.21	0	1	1	71	0.00	0.0	11.983	0.091	0	0	0	0	1	L
L 467209	PL.23619	A	Consumer	6.96Y	116.0	0.00	10.02	0.21	0	1	1	71	0.00	0.0	11.983	0.000	1	1	1	1	1	L
L 467219	PL.23619	A	Consumer	6.96Y	116.0	0.00	10.02	0.00	0	0	0	100	0.00	0.0	11.983	0.000	0	0	0	0	0	L
L PL.22194	PL.22191	A	4ACSR	6.96Y	116.0	0.01	10.02	1.93	2	13	5	93	0.00	0.0	11.834	0.079	0	0	0	0	11	L
L PL.22196	PL.22194	A	4ACSR	6.96Y	116.0	0.00	10.02	0.63	1	4	2	89	0.00	0.0	11.877	0.044	0	0	0	0	5	L
L PL.23620	PL.22196	A	4ACSR	6.96Y	116.0	0.00	10.02	0.17	0	1	0	100	0.00	0.0	11.908	0.030	0	0	0	0	1	L
L 467214	PL.23620	A	Consumer	6.96Y	116.0	0.00	10.02	0.17	0	1	0	100	0.00	0.0	11.908	0.000	1	0	1	1	1	L
L PL.22197	PL.22196	A	4ACSR	6.96Y	116.0	0.00	10.02	0.46	0	3	1	95	0.00	0.0	11.898	0.021	0	0	0	0	4	L
L 467215	PL.22197	A	Consumer	6.96Y	116.0	0.00	10.02	0.37	0	2	1	89	0.00	0.0	11.898	0.000	2	1	1	1	1	L
L 467213	PL.22197	A	Consumer	6.96Y	116.0	0.00	10.02	0.00	0	0	0	100	0.00	0.0	11.898	0.000	0	0	1	1	1	L
L 467218	PL.22197	A	Consumer	6.96Y	116.0	0.00	10.02	0.00	0	0	0	100	0.00	0.0	11.898	0.000	0	0	1	1	1	L
L 467210	PL.22197	A	Consumer	6.96Y	116.0	0.00	10.02	0.09	0	1	0	100	0.00	0.0	11.898	0.000	1	0	1	1	1	L
L PL.22195	PL.22194	A	4ACSR	6.96Y	116.0	0.01	10.03	1.30	1	8	3	94	0.00	0.0	11.938	0.105	0	0	0	0	6	L
L PL.22200	PL.22195	A	4ACSR	6.96Y	116.0	0.00	10.03	0.20	0	1	1	71	0.00	0.0	11.995	0.056	0	0	0	0	2	L
L PL.21671	PL.22200	A	4ACSR	6.96Y	116.0	0.00	10.03	0.03	0	0	0	100	0.00	0.0	12.014	0.020	0	0	0	0	1	L
L PL.22198	PL.21671	A	4ACSR	6.96Y	116.0	0.00	10.03	0.03	0	0	0	100	0.00	0.0	12.049	0.035	0	0	0	0	1	L
L PL.22199	PL.22198	A	4ACSR	6.96Y	116.0	0.00	10.03	0.03	0	0	0	100	0.00	0.0	12.084	0.035	0	0	0	0	1	L
L PL.23616	PL.22199	A	4ACSR	6.96Y	116.0	0.00	10.03	0.03	0	0	0	100	0.00	0.0	12.106	0.022	0	0	0	0	1	L

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	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									
L 466208	PL.23616	A	Consumer	6.96Y	116.0	0.00	10.03	0.03	0	0	0	100	0.00	0.0	12.106	0.000	0	0	1	1	L	
L PL.23621	PL.22200	A	4ACSR	6.96Y	116.0	0.00	10.03	0.17	0	1	0	100	0.00	0.0	12.003	0.009	0	0	0	0	1	L
L PL.22327	PL.23621	A	4ACSR	6.96Y	116.0	0.00	10.03	0.17	0	1	0	100	0.00	0.0	12.048	0.045	0	0	0	0	1	L
L 457901	PL.22327	A	Consumer	6.96Y	116.0	0.00	10.03	0.17	0	1	0	100	0.00	0.0	12.048	0.000	1	0	1	1	1	L
L 467204	PL.22195	A	Consumer	6.96Y	116.0	0.00	10.03	0.52	0	3	1	95	0.00	0.0	11.938	0.000	3	1	1	1	1	L
L 467212	PL.22195	A	Consumer	6.96Y	116.0	0.00	10.03	0.17	0	1	0	100	0.00	0.0	11.938	0.000	1	0	1	1	1	L
L 467211	PL.22195	A	Consumer	6.96Y	116.0	0.00	10.03	0.10	0	1	0	100	0.00	0.0	11.938	0.000	1	0	1	1	1	L
L 467202	PL.22195	A	Consumer	6.96Y	116.0	0.00	10.03	0.31	0	2	1	89	0.00	0.0	11.938	0.000	2	1	1	1	1	L
L 457902	PL.22531	A	Consumer	6.96Y	116.0	0.00	10.00	0.17	0	1	0	100	0.00	0.0	11.688	0.000	1	0	1	1	1	L
L 4579017	PL.22531	A	Consumer	6.96Y	116.0	0.00	10.00	0.40	0	3	1	95	0.00	0.0	11.688	0.000	3	1	1	1	1	L
L 457907	PL.28586	A	Consumer	6.96Y	116.0	0.00	9.98	0.94	0	6	2	95	0.00	0.0	11.577	0.000	6	2	1	1	1	L
L PL.21847	PL.22666	A	4ACSR	6.96Y	116.1	0.00	9.94	0.71	1	5	2	93	0.00	0.0	11.477	0.048	0	0	0	0	3	L
L 457911	PL.21847	A	Consumer	6.96Y	116.1	0.00	9.94	0.34	0	2	1	89	0.00	0.0	11.477	0.000	2	1	1	1	1	L
L PL.21848	PL.21847	A	4ACSR	6.96Y	116.1	0.00	9.94	0.37	0	2	1	89	0.00	0.0	11.563	0.086	0	0	0	0	2	L
L 457915	PL.21848	A	Consumer	6.96Y	116.1	0.00	9.94	0.36	0	2	1	89	0.00	0.0	11.563	0.000	2	1	1	1	1	L
L 457912	PL.21848	A	Consumer	6.96Y	116.1	0.00	9.94	0.01	0	0	0	100	0.00	0.0	11.563	0.000	0	0	1	1	1	L
L PL.45185	PL.22666	A	4ACSR	6.96Y	116.1	0.00	9.94	1.80	2	12	5	92	0.00	0.0	11.440	0.011	0	0	0	0	14	L
L PD.8608	PL.45185	A	fuse6AMP	6.96Y	116.1	0.00	9.94	1.80	31	12	5	92	0.00	0.0	11.440	0.000	0	0	0	0	14	L
L PL.45186	PD.8608	A	4ACSR	6.96Y	116.1	0.00	9.94	1.80	2	12	5	92	0.00	0.0	11.445	0.005	0	0	0	0	14	L
L PL.21846	PL.45186	A	4ACSR	6.96Y	116.1	0.00	9.94	1.54	1	10	4	93	0.00	0.0	11.468	0.023	0	0	0	0	13	L
L PL.35626	PL.21846	A	4ACSR	6.96Y	116.1	0.01	9.95	1.54	1	10	4	93	0.00	0.0	11.548	0.080	0	0	0	0	13	L
L PL.35627	PL.35626	A	4ACSR	6.96Y	116.0	0.00	9.95	1.36	1	9	3	95	0.00	0.0	11.593	0.045	0	0	0	0	12	L
L 456912	PL.35627	A	Consumer	6.96Y	116.0	0.00	9.95	0.16	0	1	0	100	0.00	0.0	11.593	0.000	1	0	1	1	1	L
L PL.28222	PL.35627	A	4ACSR	6.96Y	116.0	0.00	9.96	1.19	1	8	3	94	0.00	0.0	11.652	0.059	0	0	0	0	11	L
L PL.23081	PL.28222	A	4ACSR	6.96Y	116.0	0.00	9.96	0.05	0	0	0	100	0.00	0.0	11.729	0.077	0	0	0	0	1	L
L 456914	PL.23081	A	Consumer	6.96Y	116.0	0.00	9.96	0.05	0	0	0	100	0.00	0.0	11.729	0.000	0	0	1	1	1	L
L PL.28223	PL.28222	A	4ACSR	6.96Y	116.0	0.01	9.96	1.14	1	7	3	92	0.00	0.0	11.762	0.110	0	0	0	0	10	L
L 456908	PL.28223	A	Consumer	6.96Y	116.0	0.00	9.96	0.05	0	0	0	100	0.00	0.0	11.762	0.000	0	0	1	1	1	L
L PL.22454	PL.28223	A	4ACSR	6.96Y	116.0	0.00	9.96	1.10	1	7	3	92	0.00	0.0	11.818	0.056	0	0	0	0	9	L
L PL.22455	PL.22454	A	4ACSR	6.96Y	116.0	0.00	9.97	1.02	1	7	3	92	0.00	0.0	11.877	0.058	0	0	0	0	8	L
L PL.22453	PL.22455	A	4ACSR	6.96Y	116.0	0.01	9.97	1.02	1	7	3	92	0.00	0.0	11.989	0.113	0	0	0	0	8	L
L PL.22607	PL.22453	A	4ACSR	6.96Y	116.0	0.00	9.97	1.02	1	7	3	92	0.00	0.0	11.995	0.005	0	0	0	0	8	L
L 466209	PL.22607	A	Consumer	6.96Y	116.0	0.00	9.97	0.16	0	1	0	100	0.00	0.0	11.995	0.000	1	0	1	1	1	L
L PL.22125	PL.22607	A	4ACSR	6.96Y	116.0	0.00	9.98	0.86	1	6	2	95	0.00	0.0	12.108	0.113	0	0	0	0	7	L
L PL.23615	PL.22125	A	4ACSR	6.96Y	116.0	0.00	9.98	0.25	0	2	1	89	0.00	0.0	12.155	0.047	0	0	0	0	2	L
L 466203	PL.23615	A	Consumer	6.96Y	116.0	0.00	9.98	0.07	0	0	0	100	0.00	0.0	12.155	0.000	0	0	1	1	1	L
L 466206	PL.23615	A	Consumer	6.96Y	116.0	0.00	9.98	0.18	0	1	0	100	0.00	0.0	12.155	0.000	1	0	1	1	1	L
L PL.28221	PL.22125	A	4ACSR	6.96Y	116.0	0.00	9.98	0.54	0	3	1	95	0.00	0.0	12.108	0.000	0	0	0	0	4	L

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	
L PL.22124	PL.28221	A	4ACSR	6.96Y	116.0	0.00	9.98	0.54	0	3	1	95	0.00	0.0	12.228	0.121	0	0	0	4	L
L 466207	PL.22124	A	Consumer	6.96Y	116.0	0.00	9.98	0.12	0	1	0	100	0.00	0.0	12.228	0.000	1	0	1	1	L
L 466201	PL.22124	A	Consumer	6.96Y	116.0	0.00	9.98	0.35	0	2	1	89	0.00	0.0	12.228	0.000	2	1	1	1	L
L 466205	PL.22124	A	Consumer	6.96Y	116.0	0.00	9.98	0.05	0	0	0	100	0.00	0.0	12.228	0.000	0	0	1	1	L
L 466202	PL.22124	A	Consumer	6.96Y	116.0	0.00	9.98	0.02	0	0	0	100	0.00	0.0	12.228	0.000	0	0	1	1	L
L 466204	PL.22125	A	Consumer	6.96Y	116.0	0.00	9.98	0.07	0	0	0	100	0.00	0.0	12.108	0.000	0	0	1	1	L
L 456922	PL.22454	A	Consumer	6.96Y	116.0	0.00	9.96	0.07	0	0	0	100	0.00	0.0	11.818	0.000	0	0	1	1	L
L 4569029	PL.35626	A	Consumer	6.96Y	116.1	0.00	9.95	0.18	0	1	0	100	0.00	0.0	11.548	0.000	1	0	1	1	L
L PL.23084	PL.45186	A	4ACSR	6.96Y	116.1	0.00	9.94	0.26	0	2	1	89	0.00	0.0	11.495	0.050	0	0	0	1	L
L 456910	PL.23084	A	Consumer	6.96Y	116.1	0.00	9.94	0.26	0	2	1	89	0.00	0.0	11.495	0.000	2	1	1	1	L
PL.22114	PL.46583	A	4ACSR	7.09Y	118.2	0.00	7.76	1.61	1	11	4	94	0.00	0.0	9.177	0.002	0	0	0	6	
PD.406-A	PL.22114	A	Closed	7.09Y	118.2	0.00	7.76	1.61	0	11	4	94	0.00	0.0	9.177	0.000	0	0	0	6	
PD.406-B	PD.406-A	A	Closed	7.09Y	118.2	0.00	7.76	1.61	0	11	4	94	0.00	0.0	9.177	0.000	0	0	0	6	
PL.22115	PD.406-B	A	4ACSR	7.09Y	118.2	0.00	7.76	1.61	1	11	4	94	0.00	0.0	9.241	0.064	0	0	0	6	
PL.23182	PL.22115	A	4ACSR	7.09Y	118.2	0.00	7.76	1.45	1	10	4	93	0.00	0.0	9.276	0.035	0	0	0	5	
458906	PL.23182	A	Consumer	7.09Y	118.2	0.00	7.76	0.32	0	2	1	89	0.00	0.0	9.276	0.000	2	1	1	1	
PL.23183	PL.23182	A	4ACSR	7.09Y	118.2	0.00	7.76	1.13	1	7	3	92	0.00	0.0	9.311	0.034	0	0	0	4	
PL.21518	PL.23183	A	4ACSR	7.09Y	118.2	0.00	7.77	0.80	1	5	2	93	0.00	0.0	9.378	0.068	0	0	0	3	
458903	PL.21518	A	Consumer	7.09Y	118.2	0.00	7.77	0.19	0	1	0	100	0.00	0.0	9.378	0.000	1	0	1	1	
458905	PL.21518	A	Consumer	7.09Y	118.2	0.00	7.77	0.00	0	0	0	100	0.00	0.0	9.378	0.000	0	0	0	0	
458908	PL.21518	A	Consumer	7.09Y	118.2	0.00	7.77	0.13	0	1	0	100	0.00	0.0	9.378	0.000	1	0	1	1	
458907	PL.21518	A	Consumer	7.09Y	118.2	0.00	7.77	0.49	0	3	1	95	0.00	0.0	9.378	0.000	3	1	1	1	
458902	PL.23183	A	Consumer	7.09Y	118.2	0.00	7.76	0.33	0	2	1	89	0.00	0.0	9.311	0.000	2	1	1	1	
458904	PL.23183	A	Consumer	7.09Y	118.2	0.00	7.76	0.00	0	0	0	100	0.00	0.0	9.311	0.000	0	0	0	0	
458901	PL.22115	A	Consumer	7.09Y	118.2	0.00	7.76	0.15	0	1	0	100	0.00	0.0	9.241	0.000	1	0	1	1	
4588068	PL.28381	A	Consumer	14.71Y	122.6	0.00	3.38	0.02	0	0	0	100	0.00	0.0	8.814	0.000	0	0	1	1	
458827	PL.28381	A	Consumer	14.71Y	122.6	0.00	3.38	0.09	0	1	0	100	0.00	0.0	8.814	0.000	1	0	1	1	
458806	PL.28381	A	Consumer	14.71Y	122.6	0.00	3.38	0.00	0	0	0	100	0.00	0.0	8.814	0.000	0	0	1	1	
4588067	PL.28381	A	Consumer	14.71Y	122.6	0.00	3.38	0.01	0	0	0	100	0.00	0.0	8.814	0.000	0	0	1	1	
458858	PL.28381	A	Consumer	14.71Y	122.6	0.00	3.38	0.14	0	2	1	89	0.00	0.0	8.814	0.000	2	1	1	1	
458822	PL.10490	A	Consumer	14.72Y	122.7	0.00	3.33	0.57	0	8	3	94	0.00	0.0	8.680	0.000	8	3	1	1	
458817	PL.10490	A	Consumer	14.72Y	122.7	0.00	3.33	0.15	0	2	1	89	0.00	0.0	8.680	0.000	2	1	1	1	
458810	PL.10490	A	Consumer	14.72Y	122.7	0.00	3.33	0.07	0	1	0	100	0.00	0.0	8.680	0.000	1	0	1	1	
458804	PL.10490	A	Consumer	14.72Y	122.7	0.00	3.33	0.16	0	2	1	89	0.00	0.0	8.680	0.000	2	1	1	1	
458821	PL.19680	A	Consumer	14.72Y	122.7	0.00	3.30	0.30	0	4	2	89	0.00	0.0	8.612	0.000	4	2	1	1	
458824	PL.19680	A	Consumer	14.72Y	122.7	0.00	3.30	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	122.8	0.00	3.18	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	3.02	0.02	0	0	0	100	0.00	0.0	7.961	0.000	0	0	1	1	

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.22526	PL.21839	A	4ACSR	14.78Y	123.1	0.00	2.87	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	123.1	0.00	2.87	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	123.1	0.00	2.87	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	123.1	0.00	2.87	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	123.1	0.00	2.87	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	123.1	0.00	2.87	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	123.1	0.00	2.87	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	123.1	0.00	2.87	0.06	0	1	0	100	0.00	0.0	7.707	0.000	1	0	1	1
PL.41732	PL.21655	A	4ACSR	14.78Y	123.2	0.00	2.84	0.47	0	6	3	89	0.00	0.0	7.569	0.014	0	0	0	6
PD.7622	PL.41732	A	fuse6AMP	14.78Y	123.2	0.00	2.84	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	2.84	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	2.84	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	2.84	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	2.84	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	2.84	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	2.84	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	2.84	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	2.84	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	2.84	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	2.84	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	2.84	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	2.84	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	2.70	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	2.70	0.02	0	0	0	100	0.00	0.0	7.338	0.000	0	0	1	1
030801	PL.21834	A	Consumer	14.81Y	123.5	0.00	2.55	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	123.5	0.00	2.46	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	123.5	0.00	2.46	0.02	0	0	0	100	0.00	0.0	6.812	0.000	0	0	1	1
030804	PL.10974	A	Consumer	14.83Y	123.6	0.00	2.38	0.02	0	0	0	100	0.00	0.0	6.659	0.000	0	0	1	1
030850	PL.10974	A	Consumer	14.83Y	123.6	0.00	2.38	0.09	0	1	1	71	0.00	0.0	6.659	0.000	1	1	1	1
030826	PL.10974	A	Consumer	14.83Y	123.6	0.00	2.38	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	123.6	0.00	2.36	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	123.6	0.00	2.36	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	123.6	0.00	2.36	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	123.6	0.00	2.36	0.00	0	0	0	100	0.00	0.0	6.614	0.000	0	0	1	1
031818	PL.18341	A	Consumer	14.85Y	123.8	0.00	2.23	0.01	0	0	0	100	0.00	0.0	6.368	0.000	0	0	1	1
031825	PL.18341	A	Consumer	14.85Y	123.8	0.00	2.23	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	2.11	50.20	25	719	199	96	0.05	0.0	6.161	0.013	0	0	0	354
		B		15.07Y	125.6	0.00	0.38	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

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.255-A, PD.255-B, PL.46096, 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\EXISTING JUL05 CWP.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.10972, PL.20746, PL.20747, PL.7304, PL.3188, 040213, PL.45893, PD.8681, PL.45894, PL.45892, 0402013, 0402014, PL.19187, 040216, 040218, PL.19188, PL.7305, PL.18129, PD.1987, PL.18130, 040208, 040210, PL.10975, PL.3187, 040211, PL.10986, PL.7331, PL.10987, PL.10988, 468203, PL.2916.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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), % 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\EXISTING JUL05 CWP.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 040344, 040346, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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		
040376	PL.10849	B	Consumer	14.97Y	124.8	0.00	1.22	0.35	0	5	2	93	0.00	0.0	9.759	0.000	5	2	1	1
040328	PL.10849	B	Consumer	14.97Y	124.8	0.00	1.22	0.37	0	5	2	93	0.00	0.0	9.759	0.000	5	2	1	1
PL.10850	PL.10849	A	2ACSR	14.63Y	121.9	0.01	4.12	33.24	21	464	144	96	0.10	0.0	9.789	0.029	0	0	0	222
		B		14.97Y	124.8	0.01	1.23	31.37	20	449	137	96					0	0	0	231
		C		14.96Y	124.7	0.01	1.31	19.65	13	285	74	97					0	0	0	110
PL.10852	PL.10850	A	2ACSR	14.62Y	121.8	0.06	4.18	30.77	20	431	131	96	0.43	0.0	9.924	0.136	0	0	0	201
		B		14.97Y	124.7	0.05	1.29	31.37	20	449	137	96					0	0	0	231
		C		14.96Y	124.7	0.03	1.34	19.65	13	285	74	97					0	0	0	110
PL.3145	PL.10852	C	4ACSR	14.96Y	124.7	0.00	1.34	1.97	2	27	13	90	0.00	0.0	9.985	0.060	0	0	0	1
040330	PL.3145	C	Consumer	14.96Y	124.7	0.00	1.34	1.97	0	27	13	90	0.00	0.0	9.985	0.000	27	13	1	1
040361	PL.10852	C	Consumer	14.96Y	124.7	0.00	1.34	0.02	0	0	0	100	0.00	0.0	9.924	0.000	0	0	1	1
PL.11022	PL.10852	A	2ACSR	14.61Y	121.8	0.03	4.22	30.77	20	430	131	96	0.22	0.0	9.995	0.070	0	0	0	201
		B		14.96Y	124.7	0.03	1.31	31.37	20	449	137	96					0	0	0	231
		C		14.96Y	124.7	0.01	1.35	17.06	11	249	57	97					0	0	0	106
PL.19346	PL.11022	A	2ACSR	14.61Y	121.8	0.02	4.24	30.77	20	430	131	96	0.15	0.0	10.044	0.049	0	0	0	201
		B		14.96Y	124.7	0.02	1.33	31.30	20	448	137	96					0	0	0	230
		C		14.96Y	124.6	0.01	1.35	16.96	11	247	56	98					0	0	0	105
PL.19654	PL.19346	A	2ACSR	14.61Y	121.7	0.01	4.25	30.77	20	430	131	96	0.09	0.0	10.073	0.030	0	0	0	201
		B		14.96Y	124.7	0.01	1.34	31.02	20	444	135	96					0	0	0	229
		C		14.96Y	124.6	0.00	1.36	16.96	11	247	56	98					0	0	0	105
040308	PL.19654	B	Consumer	14.96Y	124.7	0.00	1.34	0.01	0	0	0	100	0.00	0.0	10.073	0.000	0	0	1	1
PL.11023	PL.19654	A	2ACSR	14.61Y	121.7	0.03	4.28	30.77	20	430	131	96	0.18	0.0	10.131	0.058	0	0	0	201
		B		14.96Y	124.6	0.02	1.37	30.77	20	440	134	96					0	0	0	226
		C		14.96Y	124.6	0.01	1.37	16.96	11	247	56	98					0	0	0	105
PL.6842	PL.11023	A	2ACSR	14.60Y	121.7	0.03	4.30	30.77	20	430	131	96	0.16	0.0	10.186	0.055	0	0	0	201
		B		14.95Y	124.6	0.02	1.39	30.50	20	437	132	96					0	0	0	224
		C		14.95Y	124.6	0.01	1.38	16.96	11	247	56	98					0	0	0	105
040387	PL.6842	A	Consumer	14.60Y	121.7	0.00	4.30	0.04	0	1	0	100	0.00	0.0	10.186	0.000	1	0	1	1
PL.18136	PL.6842	A	4ACSR	14.60Y	121.7	0.00	4.30	0.33	0	4	2	89	0.00	0.0	10.190	0.003	0	0	0	3
PD.2009	PL.18136	A	fuse6AMP	14.60Y	121.7	0.00	4.30	0.33	6	4	2	89	0.00	0.0	10.190	0.000	0	0	0	3
PL.18137	PD.2009	A	4ACSR	14.60Y	121.7	0.00	4.30	0.33	0	4	2	89	0.00	0.0	10.269	0.079	0	0	0	3
040325	PL.18137	A	Consumer	14.60Y	121.7	0.00	4.30	0.00	0	0	0	100	0.00	0.0	10.269	0.000	0	0	0	0
040314	PL.18137	A	Consumer	14.60Y	121.7	0.00	4.30	0.11	0	2	1	89	0.00	0.0	10.269	0.000	2	1	1	1
040329	PL.18137	A	Consumer	14.60Y	121.7	0.00	4.30	0.17	0	2	1	89	0.00	0.0	10.269	0.000	2	1	1	1
040374	PL.18137	A	Consumer	14.60Y	121.7	0.00	4.30	0.04	0	1	0	100	0.00	0.0	10.269	0.000	1	0	1	1
PL.6843	PL.6842	A	2ACSR	14.60Y	121.7	0.01	4.32	30.40	19	425	129	96	0.07	0.0	10.211	0.025	0	0	0	197
		B		14.95Y	124.6	0.01	1.40	30.50	20	436	132	96					0	0	0	224
		C		14.95Y	124.6	0.00	1.38	16.96	11	247	56	98					0	0	0	105
PL.192	PL.6843	A	2ACSR	14.60Y	121.7	0.03	4.35	30.40	19	425	129	96	0.21	0.0	10.281	0.070	0	0	0	197
		B		14.95Y	124.6	0.03	1.42	30.50	20	436	132	96					0	0	0	224
		C		14.95Y	124.6	0.01	1.39	16.96	11	247	56	98					0	0	0	105
PL.19122	PL.192	C	4ACSR	14.95Y	124.6	0.00	1.39	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	1.39	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	1.39	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	1.39	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	1.42	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	1.42	1.08	18	15	6	93	0.00	0.0	10.293	0.000	0	0	0	8

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\EXISTING JUL05 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.46098	PD.8718	B	4ACSR	14.95Y	124.6	0.00	1.42	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	1.42	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	4.35	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	4.35	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	121.6	0.02	4.37	9.90	8	135	53	93	0.02	0.0	10.383	0.093	0	0	0	87
PL.11498	PL.28095	A	4ACSR	14.59Y	121.6	0.03	4.40	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	4.40	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	4.40	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	4.40	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	4.41	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	4.42	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	4.42	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	4.42	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	4.42	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	4.42	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	4.42	0.04	0	1	0	100	0.00	0.0	10.650	0.000	1	0	1	1
PL.7340	PL.11499	A	4ACSR	14.59Y	121.6	0.01	4.43	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	4.43	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	4.43	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	4.43	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	4.44	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	4.44	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	4.44	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	4.44	0.03	0	0	0	100	0.00	0.0	10.818	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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						
041414	PL.11236	A	Consumer	14.59Y	121.6	0.00	4.44	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	4.44	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	4.45	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	121.5	0.01	4.45	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	121.5	0.00	4.45	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	121.5	0.00	4.45	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	121.5	0.00	4.45	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	121.5	0.00	4.45	3.86	3	52	20	93	0.00	0.0	10.982	0.013	0	0	0	41
PL.11237	PL.11239	A	4ACSR	14.58Y	121.5	0.00	4.46	3.86	3	52	20	93	0.00	0.0	11.035	0.053	0	0	0	41
041483	PL.11237	A	Consumer	14.58Y	121.5	0.00	4.46	0.01	0	0	0	100	0.00	0.0	11.035	0.000	0	0	1	1
041419	PL.11237	A	Consumer	14.58Y	121.5	0.00	4.46	0.01	0	0	0	100	0.00	0.0	11.035	0.000	0	0	1	1
041478	PL.11237	A	Consumer	14.58Y	121.5	0.00	4.46	0.00	0	0	0	100	0.00	0.0	11.035	0.000	0	0	0	0
PL.7339	PL.11237	A	4ACSR	14.58Y	121.5	0.00	4.46	3.39	3	46	18	93	0.00	0.0	11.079	0.044	0	0	0	36
PL.7332	PL.7339	A	4ACSR	14.58Y	121.5	0.00	4.47	1.69	1	23	9	93	0.00	0.0	11.159	0.080	0	0	0	13
PL.7333	PL.7332	A	4ACSR	14.58Y	121.5	0.00	4.47	1.48	1	20	8	93	0.00	0.0	11.185	0.027	0	0	0	11
041486	PL.7333	A	Consumer	14.58Y	121.5	0.00	4.47	0.32	0	4	2	89	0.00	0.0	11.185	0.000	4	2	1	1
041432	PL.7333	A	Consumer	14.58Y	121.5	0.00	4.47	0.14	0	2	1	89	0.00	0.0	11.185	0.000	2	1	1	1
041490	PL.7333	A	Consumer	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	11.185	0.000	0	0	0	0
041487	PL.7333	A	Consumer	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	11.185	0.000	0	0	0	0
PL.19304	PL.7333	A	4ACSR	14.58Y	121.5	0.00	4.47	1.02	1	14	5	94	0.00	0.0	11.255	0.070	0	0	0	9
PL.19305	PL.19304	A	4ACSR	14.58Y	121.5	0.00	4.47	0.96	1	13	5	93	0.00	0.0	11.278	0.023	0	0	0	8
041469	PL.19305	A	Consumer	14.58Y	121.5	0.00	4.47	0.07	0	1	0	100	0.00	0.0	11.278	0.000	1	0	1	1
041431	PL.19305	A	Consumer	14.58Y	121.5	0.00	4.47	0.24	0	3	1	95	0.00	0.0	11.278	0.000	3	1	1	1
041430	PL.19305	A	Consumer	14.58Y	121.5	0.00	4.47	0.04	0	0	0	100	0.00	0.0	11.278	0.000	0	0	1	1
0414109	PL.19305	A	Consumer	14.58Y	121.5	0.00	4.47	0.14	0	2	1	89	0.00	0.0	11.278	0.000	2	1	1	1
PL.7329	PL.19305	A	4ACSR	14.58Y	121.5	0.00	4.47	0.47	0	6	3	89	0.00	0.0	11.335	0.056	0	0	0	4
041458	PL.7329	A	Consumer	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	11.335	0.000	0	0	1	1
041498	PL.7329	A	Consumer	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	11.335	0.000	0	0	0	0
041461	PL.7329	A	Consumer	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	11.335	0.000	0	0	0	0
041489	PL.7329	A	Consumer	14.58Y	121.5	0.00	4.47	0.23	0	3	1	95	0.00	0.0	11.335	0.000	3	1	1	1
041444	PL.7329	A	Consumer	14.58Y	121.5	0.00	4.47	0.22	0	3	1	95	0.00	0.0	11.335	0.000	3	1	1	1
041494	PL.7329	A	Consumer	14.58Y	121.5	0.00	4.47	0.02	0	0	0	100	0.00	0.0	11.335	0.000	0	0	1	1
041436	PL.19304	A	Consumer	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	11.255	0.000	0	0	0	0
041435	PL.19304	A	Consumer	14.58Y	121.5	0.00	4.47	0.06	0	1	0	100	0.00	0.0	11.255	0.000	1	0	1	1
041499	PL.7332	A	Consumer	14.58Y	121.5	0.00	4.47	0.09	0	1	0	100	0.00	0.0	11.159	0.000	1	0	1	1
041423	PL.7332	A	Consumer	14.58Y	121.5	0.00	4.47	0.13	0	2	1	89	0.00	0.0	11.159	0.000	2	1	1	1
PL.11240	PL.7339	A	4ACSR	14.58Y	121.5	0.00	4.46	1.20	1	16	6	94	0.00	0.0	11.117	0.038	0	0	0	20
041477	PL.11240	A	Consumer	14.58Y	121.5	0.00	4.46	0.11	0	2	1	89	0.00	0.0	11.117	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
041429	PL.11240	A	Consumer	14.58Y	121.5	0.00	4.46	0.06	0	1	0	100	0.00	0.0	11.117	0.000	1	0	1	1
PL.11241	PL.11240	A	4ACSR	14.58Y	121.5	0.00	4.46	1.04	1	14	5	94	0.00	0.0	11.170	0.053	0	0	0	18
041456	PL.11241	A	Consumer	14.58Y	121.5	0.00	4.46	0.03	0	0	0	100	0.00	0.0	11.170	0.000	0	0	1	1
041452	PL.11241	A	Consumer	14.58Y	121.5	0.00	4.46	0.02	0	0	0	100	0.00	0.0	11.170	0.000	0	0	1	1
041468	PL.11241	A	Consumer	14.58Y	121.5	0.00	4.46	0.03	0	0	0	100	0.00	0.0	11.170	0.000	0	0	1	1
PL.7338	PL.11241	A	4ACSR	14.58Y	121.5	0.00	4.47	0.95	1	13	5	93	0.00	0.0	11.241	0.071	0	0	0	15
PL.11503	PL.7338	A	4ACSR	14.58Y	121.5	0.00	4.47	0.72	1	10	4	93	0.00	0.0	11.280	0.039	0	0	0	12
PL.11504	PL.11503	A	4ACSR	14.58Y	121.5	0.00	4.47	0.68	1	9	4	91	0.00	0.0	11.348	0.068	0	0	0	9
041480	PL.11504	A	Consumer	14.58Y	121.5	0.00	4.47	0.08	0	1	0	100	0.00	0.0	11.348	0.000	1	0	1	1
041493	PL.11504	A	Consumer	14.58Y	121.5	0.00	4.47	0.08	0	1	0	100	0.00	0.0	11.348	0.000	1	0	1	1
0414132	PL.11504	A	Consumer	14.58Y	121.5	0.00	4.47	0.01	0	0	0	100	0.00	0.0	11.348	0.000	0	0	1	1
PL.7337	PL.11504	A	4ACSR	14.58Y	121.5	0.00	4.47	0.50	0	7	3	92	0.00	0.0	11.400	0.053	0	0	0	6
0414120	PL.7337	A	Consumer	14.58Y	121.5	0.00	4.47	0.09	0	1	1	71	0.00	0.0	11.400	0.000	1	1	1	1
041476	PL.7337	A	Consumer	14.58Y	121.5	0.00	4.47	0.03	0	0	0	100	0.00	0.0	11.400	0.000	0	0	1	1
041445	PL.7337	A	Consumer	14.58Y	121.5	0.00	4.47	0.03	0	0	0	100	0.00	0.0	11.400	0.000	0	0	1	1
041443	PL.7337	A	Consumer	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	11.400	0.000	0	0	1	1
PL.7330	PL.7337	A	4ACSR	14.58Y	121.5	0.00	4.47	0.35	0	5	2	93	0.00	0.0	11.480	0.079	0	0	0	2
041467	PL.7330	A	Consumer	14.58Y	121.5	0.00	4.47	0.02	0	0	0	100	0.00	0.0	11.480	0.000	0	0	1	1
041459	PL.7330	A	Consumer	14.58Y	121.5	0.00	4.47	0.32	0	4	2	89	0.00	0.0	11.480	0.000	4	2	1	1
041442	PL.11503	A	Consumer	14.58Y	121.5	0.00	4.47	0.02	0	0	0	100	0.00	0.0	11.280	0.000	0	0	1	1
041463	PL.11503	A	Consumer	14.58Y	121.5	0.00	4.47	0.01	0	0	0	100	0.00	0.0	11.280	0.000	0	0	1	1
041441	PL.11503	A	Consumer	14.58Y	121.5	0.00	4.47	0.02	0	0	0	100	0.00	0.0	11.280	0.000	0	0	1	1
041451	PL.11503	A	Consumer	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	11.280	0.000	0	0	0	0
041482	PL.7338	A	Consumer	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	11.241	0.000	0	0	0	0
041466	PL.7338	A	Consumer	14.58Y	121.5	0.00	4.47	0.07	0	1	0	100	0.00	0.0	11.241	0.000	1	0	1	1
041488	PL.7338	A	Consumer	14.58Y	121.5	0.00	4.47	0.13	0	2	1	89	0.00	0.0	11.241	0.000	2	1	1	1
041440	PL.7338	A	Consumer	14.58Y	121.5	0.00	4.47	0.03	0	0	0	100	0.00	0.0	11.241	0.000	0	0	1	1
041422	PL.7339	A	Consumer	14.58Y	121.5	0.00	4.46	0.05	0	1	0	100	0.00	0.0	11.079	0.000	1	0	1	1
041421	PL.7339	A	Consumer	14.58Y	121.5	0.00	4.46	0.44	0	6	2	95	0.00	0.0	11.079	0.000	6	2	1	1
0414131	PL.7339	A	Consumer	14.58Y	121.5	0.00	4.46	0.00	0	0	0	100	0.00	0.0	11.079	0.000	0	0	1	1
PL.7342	PL.11237	A	4ACSR	14.58Y	121.5	0.00	4.46	0.45	0	6	2	95	0.00	0.0	11.097	0.062	0	0	0	3
0414102	PL.7342	A	Consumer	14.58Y	121.5	0.00	4.46	0.00	0	0	0	100	0.00	0.0	11.097	0.000	0	0	0	0
PL.7343	PL.7342	A	4ACSR	14.58Y	121.5	0.00	4.46	0.45	0	6	2	95	0.00	0.0	11.183	0.086	0	0	0	3
041454	PL.7343	A	Consumer	14.58Y	121.5	0.00	4.46	0.02	0	0	0	100	0.00	0.0	11.183	0.000	0	0	1	1
041485	PL.7343	A	Consumer	14.58Y	121.5	0.00	4.46	0.08	0	1	0	100	0.00	0.0	11.183	0.000	1	0	1	1
041455	PL.7343	A	Consumer	14.58Y	121.5	0.00	4.46	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	4.45	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	4.44	0.43	0	6	2	95	0.00	0.0	10.880	0.000	6	2	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
041427	PL.11505	A	Consumer	14.59Y	121.6	0.00	4.44	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	4.44	0.68	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	4.44	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	4.44	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	4.44	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	4.44	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	4.44	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	4.44	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	4.41	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	4.40	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	4.40	0.16	0	2	1	89	0.00	0.0	10.547	0.000	2	1	1	1
PL.18123	PL.11498	A	4ACSR	14.59Y	121.6	0.00	4.40	2.67	2	36	14	93	0.00	0.0	10.512	0.005	0	0	0	20
PD.1837	PL.18123	A	fuse6AMP	14.59Y	121.6	0.00	4.40	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	4.40	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	4.40	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	4.40	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	4.40	2.35	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	4.40	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	4.40	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	4.40	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	4.41	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	4.41	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	4.41	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	4.41	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	4.41	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	4.41	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	4.41	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	4.41	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	4.41	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	4.41	0.02	0	0	0	100	0.00	0.0	10.722	0.000	0	0	1	1
041479	PL.7352	A	Consumer	14.59Y	121.6	0.00	4.41	0.03	0	0	0	100	0.00	0.0	10.722	0.000	0	0	1	1
PL.11501	PL.11500	A	4ACSR	14.59Y	121.6	0.00	4.41	0.95	1	13	5	93	0.00	0.0	10.745	0.045	0	0	0	9
041475	PL.11501	A	Consumer	14.59Y	121.6	0.00	4.41	0.05	0	1	0	100	0.00	0.0	10.745	0.000	1	0	1	1
041471	PL.11501	A	Consumer	14.59Y	121.6	0.00	4.41	0.10	0	1	1	71	0.00	0.0	10.745	0.000	1	1	1	1
0414112	PL.11501	A	Consumer	14.59Y	121.6	0.00	4.41	0.02	0	0	0	100	0.00	0.0	10.745	0.000	0	0	1	1
041481	PL.11501	A	Consumer	14.59Y	121.6	0.00	4.41	0.00	0	0	0	100	0.00	0.0	10.745	0.000	0	0	0	0
041448	PL.11501	A	Consumer	14.59Y	121.6	0.00	4.41	0.04	0	1	0	100	0.00	0.0	10.745	0.000	1	0	1	1
041462	PL.11501	A	Consumer	14.59Y	121.6	0.00	4.41	0.02	0	0	0	100	0.00	0.0	10.745	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	mi Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.11502	PL.11501	A	4ACSR	14.59Y	121.6	0.00	4.41	0.72	1	10	4	93	0.00	0.0	10.772	0.027	0	0	0	4
041484	PL.11502	A	Consumer	14.59Y	121.6	0.00	4.41	0.05	0	1	0	100	0.00	0.0	10.772	0.000	1	0	1	1
041453	PL.11502	A	Consumer	14.59Y	121.6	0.00	4.41	0.04	0	0	0	100	0.00	0.0	10.772	0.000	0	0	1	1
041465	PL.11502	A	Consumer	14.59Y	121.6	0.00	4.41	0.06	0	1	0	100	0.00	0.0	10.772	0.000	1	0	1	1
041473	PL.11502	A	Consumer	14.59Y	121.6	0.00	4.41	0.57	0	8	3	94	0.00	0.0	10.772	0.000	8	3	1	1
041472	PL.7341	A	Consumer	14.59Y	121.6	0.00	4.41	0.37	0	5	2	93	0.00	0.0	10.670	0.000	5	2	1	1
PL.3199	PL.28095	A	4ACSR	14.60Y	121.6	0.00	4.37	0.00	0	0	0	100	0.00	0.0	10.443	0.060	0	0	0	0
040466	PL.3199	A	Consumer	14.60Y	121.6	0.00	4.37	0.00	0	0	0	100	0.00	0.0	10.443	0.000	0	0	0	0
040434	PL.28095	A	Consumer	14.60Y	121.6	0.00	4.37	0.52	0	7	3	92	0.00	0.0	10.383	0.000	7	3	1	1
040402	PL.28095	A	Consumer	14.60Y	121.6	0.00	4.37	0.35	0	5	2	93	0.00	0.0	10.383	0.000	5	2	1	1
PL.11024	PL.192	A	2ACSR	14.60Y	121.6	0.02	4.36	20.54	13	290	76	97	0.12	0.0	10.335	0.053	0	0	0	110
		B		14.95Y	124.6	0.02	1.44	29.42	19	421	126	96					0	0	0	216
		C		14.95Y	124.6	0.01	1.40	16.85	11	246	55	98					0	0	0	103
PL.11025	PL.11024	A	2ACSR	14.59Y	121.6	0.06	4.43	19.68	13	278	70	97	0.50	0.1	10.567	0.232	0	0	0	109
		B		14.94Y	124.5	0.10	1.54	29.42	19	421	126	96					0	0	0	216
		C		14.95Y	124.6	0.04	1.44	16.85	11	246	55	98					0	0	0	103
PL.3198	PL.11025	C	4ACSR	14.95Y	124.6	0.00	1.44	0.71	1	10	4	93	0.00	0.0	10.598	0.031	0	0	0	3
0404123	PL.3198	C	Consumer	14.95Y	124.6	0.00	1.44	0.06	0	1	0	100	0.00	0.0	10.598	0.000	1	0	1	1
0404109	PL.3198	C	Consumer	14.95Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	10.598	0.000	0	0	1	1
0404116	PL.3198	C	Consumer	14.95Y	124.6	0.00	1.44	0.65	0	9	4	91	0.00	0.0	10.598	0.000	9	4	1	1
PL.20214	PL.11025	A	2ACSR	14.59Y	121.6	0.00	4.43	19.68	13	278	70	97	0.01	0.0	10.573	0.005	0	0	0	109
		B		14.93Y	124.5	0.00	1.54	29.42	19	421	126	96					0	0	0	216
		C		14.95Y	124.6	0.00	1.44	16.14	10	236	52	98					0	0	0	100
PL.20215	PL.20214	A	2ACSR	14.58Y	121.5	0.04	4.47	19.68	13	278	70	97	0.31	0.0	10.718	0.146	0	0	0	109
		B		14.93Y	124.4	0.06	1.60	29.42	19	421	126	96					0	0	0	216
		C		14.94Y	124.5	0.02	1.46	16.14	10	236	52	98					0	0	0	100
PL.46004	PL.20215	A	1/0ACSR	14.58Y	121.5	0.02	4.49	17.73	9	252	60	97	0.06	0.0	10.822	0.104	0	0	0	95
		B		14.93Y	124.4	0.01	1.61	14.66	7	214	44	98					0	0	0	96
		C		14.94Y	124.5	0.01	1.47	12.50	6	184	31	99					0	0	0	66
PD.8706-A	PL.46004	A	Closed	14.58Y	121.5	0.00	4.49	17.73	0	252	60	97	0.00	0.0	10.822	0.000	0	0	0	95
		B		14.93Y	124.4	0.00	1.61	14.66	0	214	44	98					0	0	0	96
		C		14.94Y	124.5	0.00	1.47	12.50	0	184	31	99					0	0	0	66
PD.8706-B	PD.8706-A	A	Closed	14.58Y	121.5	0.00	4.49	17.73	0	252	60	97	0.00	0.0	10.822	0.000	0	0	0	95
		B		14.93Y	124.4	0.00	1.61	14.66	0	214	44	98					0	0	0	96
		C		14.94Y	124.5	0.00	1.47	12.50	0	184	31	99					0	0	0	66
PL.46005	PD.8706-B	A	1/0ACSR	14.58Y	121.5	0.01	4.50	17.73	9	252	60	97	0.04	0.0	10.888	0.066	0	0	0	95
		B		14.93Y	124.4	0.01	1.62	14.66	7	214	44	98					0	0	0	96
		C		14.94Y	124.5	0.01	1.48	12.50	6	184	31	99					0	0	0	66
PL.40979	PL.46005	A	1/0ACSR	14.57Y	121.4	0.06	4.56	17.73	9	252	60	97	0.20	0.0	11.223	0.335	0	0	0	95
		B		14.92Y	124.3	0.04	1.66	14.66	7	214	44	98					0	0	0	96
		C		14.94Y	124.5	0.03	1.51	12.29	6	181	30	99					0	0	0	62
PL.40982	PL.40979	A	1/0ACSR	14.57Y	121.4	0.01	4.57	17.73	9	251	60	97	0.03	0.0	11.280	0.057	0	0	0	95
		B		14.92Y	124.3	0.01	1.66	14.66	7	214	44	98					0	0	0	96
		C		14.94Y	124.5	0.01	1.51	11.91	6	176	28	99					0	0	0	61
PL.40986	PL.40982	A	2ACSR	14.57Y	121.4	0.00	4.57	0.20	0	3	1	95	0.00	0.0	11.286	0.006	0	0	0	1
PD.7314	PL.40986	A	fuse6AMP	14.57Y	121.4	0.00	4.57	0.20	3	3	1	95	0.00	0.0	11.286	0.000	0	0	0	1
PL.40987	PD.7314	A	2ACSR	14.57Y	121.4	0.00	4.57	0.20	0	3	1	95	0.00	0.0	11.322	0.036	0	0	0	1
469416	PL.40987	A	Consumer	14.57Y	121.4	0.00	4.57	0.20	0	3	1	95	0.00	0.0	11.322	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 469404, PL.41179, PL.41182, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----				
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF			kW Loss	% Loss	KW	KVAR	Cons On
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	1.83	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	1.83	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	1.83	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	1.83	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	1.83	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	1.83	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	1.83	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	1.83	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	1.83	0.00	0	0	0	100	0.00	0.0	12.443	0.000	0	0	1	1
468513	PL.22625	B	Consumer	14.90Y	124.2	0.00	1.83	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	1.83	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	1.83	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	1.83	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	1.83	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	1.83	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	1.83	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	1.83	0.57	0	8	3	94	0.00	0.0	12.421	0.000	8	3	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
468567	PL.22624	B	Consumer	14.90Y	124.2	0.00	1.83	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	1.83	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	1.84	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	124.2	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	124.2	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	124.2	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	1.85	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
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

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.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	1.85	0.22	0	3	1	95	0.00	0.0	12.549	0.000	3	1	1	1
468532	PL.22639	B	Consumer	14.90Y	124.1	0.00	1.85	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	1.84	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	1.84	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	1.81	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	1.81	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	1.81	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	1.81	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	1.81	0.02	0	0	0	100	0.00	0.0	12.251	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
468559	PL.28661	B	Consumer	14.90Y	124.2	0.00	1.81	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	1.81	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	1.81	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	1.81	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	1.81	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	1.81	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	1.81	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	1.81	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	1.81	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	1.81	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	1.81	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	14.91Y	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	14.91Y	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	14.91Y	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	14.91Y	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	14.91Y	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	1.78	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	1.78	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	124.5	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	124.5	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	124.5	0.00	1.55	3.34	0	46	18	93	0.00	0.0	11.843	0.000	0	0	0	28
PL.21464	PD.8720-B	C	4ACSR	14.93Y	124.4	0.00	1.55	3.34	3	46	18	93	0.00	0.0	11.873	0.030	0	0	0	28
PL.21276	PL.21464	C	4ACSR	14.93Y	124.4	0.00	1.56	3.02	3	42	16	93	0.00	0.0	11.931	0.058	0	0	0	25
468482	PL.21276	C	Consumer	14.93Y	124.4	0.00	1.56	0.46	0	6	2	95	0.00	0.0	11.931	0.000	6	2	1	1
PL.22642	PL.21276	C	4ACSR	14.93Y	124.4	0.00	1.56	0.84	1	12	5	92	0.00	0.0	11.959	0.027	0	0	0	10
PL.22643	PL.22642	C	4ACSR	14.93Y	124.4	0.00	1.56	0.84	1	12	5	92	0.00	0.0	11.995	0.037	0	0	0	9
PL.22614	PL.22643	C	4ACSR	14.93Y	124.4	0.00	1.56	0.75	1	10	4	93	0.00	0.0	12.034	0.038	0	0	0	7
4684109	PL.22614	C	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	12.034	0.000	0	0	1	1
PL.22610	PL.22614	C	4ACSR	14.93Y	124.4	0.00	1.56	0.74	1	10	4	93	0.00	0.0	12.081	0.047	0	0	0	6

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
4684106	PL.22610	C	Consumer	14.93Y	124.4	0.00	1.56	0.24	0	3	1	95	0.00	0.0	12.081	0.000	3	1	1	1
4684120	PL.22610	C	Consumer	14.93Y	124.4	0.00	1.56	0.20	0	3	1	95	0.00	0.0	12.081	0.000	3	1	1	1
4684114	PL.22610	C	Consumer	14.93Y	124.4	0.00	1.56	0.03	0	0	0	100	0.00	0.0	12.081	0.000	0	0	1	1
4684141	PL.22610	C	Consumer	14.93Y	124.4	0.00	1.56	0.10	0	1	1	71	0.00	0.0	12.081	0.000	1	1	1	1
4684115	PL.22610	C	Consumer	14.93Y	124.4	0.00	1.56	0.04	0	1	0	100	0.00	0.0	12.081	0.000	1	0	1	1
4684121	PL.22610	C	Consumer	14.93Y	124.4	0.00	1.56	0.14	0	2	1	89	0.00	0.0	12.081	0.000	2	1	1	1
468440	PL.22643	C	Consumer	14.93Y	124.4	0.00	1.56	0.04	0	1	0	100	0.00	0.0	11.995	0.000	1	0	1	1
4684130	PL.22643	C	Consumer	14.93Y	124.4	0.00	1.56	0.06	0	1	0	100	0.00	0.0	11.995	0.000	1	0	1	1
4684170	PL.22642	C	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	11.959	0.000	0	0	1	1
PL.21277	PL.21276	C	4ACSR	14.93Y	124.4	0.00	1.56	1.73	1	24	9	94	0.00	0.0	11.970	0.039	0	0	0	14
PL.21278	PL.21277	C	4ACSR	14.93Y	124.4	0.00	1.56	1.65	1	23	9	93	0.00	0.0	12.040	0.070	0	0	0	13
4684196	PL.21278	C	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	12.040	0.000	0	0	0	0
4684164	PL.21278	C	Consumer	14.93Y	124.4	0.00	1.56	0.11	0	1	1	71	0.00	0.0	12.040	0.000	1	1	1	1
4684160	PL.21278	C	Consumer	14.93Y	124.4	0.00	1.56	0.16	0	2	1	89	0.00	0.0	12.040	0.000	2	1	1	1
4684215	PL.21278	C	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	12.040	0.000	0	0	0	0
PL.21279	PL.21278	C	4ACSR	14.93Y	124.4	0.00	1.56	1.38	1	19	8	92	0.00	0.0	12.090	0.050	0	0	0	11
PL.21280	PL.21279	C	4ACSR	14.93Y	124.4	0.00	1.56	1.36	1	19	7	94	0.00	0.0	12.168	0.078	0	0	0	10
4684151	PL.21280	C	Consumer	14.93Y	124.4	0.00	1.56	0.05	0	1	0	100	0.00	0.0	12.168	0.000	1	0	1	1
4684155	PL.21280	C	Consumer	14.93Y	124.4	0.00	1.56	0.04	0	1	0	100	0.00	0.0	12.168	0.000	1	0	1	1
PL.21281	PL.21280	C	4ACSR	14.93Y	124.4	0.00	1.56	1.27	1	18	7	93	0.00	0.0	12.191	0.022	0	0	0	8
PL.21282	PL.21281	C	4ACSR	14.93Y	124.4	0.00	1.57	1.14	1	16	6	94	0.00	0.0	12.230	0.039	0	0	0	6
4685087	PL.21282	C	Consumer	14.93Y	124.4	0.00	1.57	0.32	0	4	2	89	0.00	0.0	12.230	0.000	4	2	1	1
468548	PL.21282	C	Consumer	14.93Y	124.4	0.00	1.57	0.03	0	0	0	100	0.00	0.0	12.230	0.000	0	0	1	1
468551	PL.21282	C	Consumer	14.93Y	124.4	0.00	1.57	0.23	0	3	1	95	0.00	0.0	12.230	0.000	3	1	1	1
PL.22652	PL.21282	C	4ACSR	14.93Y	124.4	0.00	1.57	0.56	0	8	3	94	0.00	0.0	12.260	0.030	0	0	0	3
468538	PL.22652	C	Consumer	14.93Y	124.4	0.00	1.57	0.06	0	1	0	100	0.00	0.0	12.260	0.000	1	0	1	1
468546	PL.22652	C	Consumer	14.93Y	124.4	0.00	1.57	0.40	0	6	2	95	0.00	0.0	12.260	0.000	6	2	1	1
468528	PL.22652	C	Consumer	14.93Y	124.4	0.00	1.57	0.10	0	1	1	71	0.00	0.0	12.260	0.000	1	1	1	1
468564	PL.21281	C	Consumer	14.93Y	124.4	0.00	1.56	0.06	0	1	0	100	0.00	0.0	12.191	0.000	1	0	1	1
468541	PL.21281	C	Consumer	14.93Y	124.4	0.00	1.56	0.07	0	1	0	100	0.00	0.0	12.191	0.000	1	0	1	1
PL.34965	PL.21279	C	2ACSR	14.93Y	124.4	0.00	1.56	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	1.56	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	1.55	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	1.55	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	1.55	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	4.68	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	4.68	11.42	10	155	60	93	0.00	0.0	11.855	0.016	0	0	0	83

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
							-Base Accum Drop	Voltage: Thru Amps	120.0- % Cap	Thru KW	KVAR	PF	kW				Length (mi)	KW		
PD.8722-A	PL.46103	A	Closed	14.56Y	121.3	0.00	4.68	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	4.68	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	4.69	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	4.70	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	4.70	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	4.70	0.00	0	0	0	100	0.00	0.0	11.934	0.000	0	0	1	1
PL.21284	PL.21283	A	4ACSR	14.55Y	121.3	0.02	4.72	10.96	9	149	58	93	0.03	0.0	12.028	0.094	0	0	0	76
PL.22630	PL.21284	A	4ACSR	14.55Y	121.3	0.00	4.73	1.13	1	15	6	93	0.00	0.0	12.111	0.083	0	0	0	5
468490	PL.22630	A	Consumer	14.55Y	121.3	0.00	4.73	0.03	0	0	0	100	0.00	0.0	12.111	0.000	0	0	1	1
4684145	PL.22630	A	Consumer	14.55Y	121.3	0.00	4.73	0.54	0	7	3	92	0.00	0.0	12.111	0.000	7	3	1	1
468478	PL.22630	A	Consumer	14.55Y	121.3	0.00	4.73	0.43	0	6	2	95	0.00	0.0	12.111	0.000	6	2	1	1
PL.22631	PL.22630	A	4ACSR	14.55Y	121.3	0.00	4.73	0.13	0	2	1	89	0.00	0.0	12.129	0.018	0	0	0	2
468477	PL.22631	A	Consumer	14.55Y	121.3	0.00	4.73	0.07	0	1	0	100	0.00	0.0	12.129	0.000	1	0	1	1
468479	PL.22631	A	Consumer	14.55Y	121.3	0.00	4.73	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	4.73	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	4.73	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	4.73	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	4.73	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	4.73	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	4.73	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	4.73	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	4.73	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	4.74	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	121.2	0.01	4.75	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	121.2	0.01	4.76	7.61	6	103	40	93	0.01	0.0	12.220	0.054	0	0	0	57
468444	PL.21293	A	Consumer	14.55Y	121.2	0.00	4.76	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	121.2	0.00	4.76	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	121.2	0.00	4.76	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	121.2	0.00	4.76	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	121.2	0.00	4.76	0.05	0	1	0	100	0.00	0.0	12.220	0.000	1	0	1	1
PL.22736	PL.21293	A	4ACSR	14.55Y	121.2	0.00	4.76	3.12	3	42	17	93	0.00	0.0	12.255	0.035	0	0	0	29
PL.22737	PL.22736	A	4ACSR	14.55Y	121.2	0.00	4.76	3.09	3	42	16	93	0.00	0.0	12.285	0.030	0	0	0	28
PL.21526	PL.22737	A	4ACSR	14.55Y	121.2	0.00	4.77	3.09	3	42	16	93	0.00	0.0	12.312	0.027	0	0	0	28
4684136	PL.21526	A	Consumer	14.55Y	121.2	0.00	4.77	0.44	0	6	2	95	0.00	0.0	12.312	0.000	6	2	1	1
4684113	PL.21526	A	Consumer	14.55Y	121.2	0.00	4.77	0.13	0	2	1	89	0.00	0.0	12.312	0.000	2	1	1	1
468458	PL.21526	A	Consumer	14.55Y	121.2	0.00	4.77	0.10	0	1	1	71	0.00	0.0	12.312	0.000	1	1	1	1
PL.22661	PL.21526	A	4ACSR	14.55Y	121.2	0.00	4.77	2.42	2	33	13	93	0.00	0.0	12.345	0.033	0	0	0	25
468459	PL.22661	A	Consumer	14.55Y	121.2	0.00	4.77	0.15	0	2	1	89	0.00	0.0	12.345	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.45889	PL.45888	A	2ACSR	14.55Y	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.76	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	121.2	0.00	4.76	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	121.2	0.00	4.76	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	121.2	0.00	4.76	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	121.2	0.00	4.76	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	121.2	0.00	4.76	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	121.2	0.00	4.76	3.50	3	47	18	93	0.00	0.0	12.256	0.036	0	0	0	20
468460	PL.22632	A	Consumer	14.55Y	121.2	0.00	4.76	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	0.15	0	2	1	89	0.00	0.0	12.402	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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----			
							-Base Voltage:120.0- Accum Drop	Thru Amps	% Cap	Thru KW	Length (mi)						KW	KVAR	Cons On	Cons Thru
468452	PL.23628	A	Consumer	14.55Y	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.77	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	121.2	0.00	4.75	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	121.2	0.00	4.75	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	121.2	0.00	4.75	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	121.2	0.00	4.75	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	121.2	0.00	4.75	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	4.74	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	4.74	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	4.74	0.43	0	6	2	95	0.00	0.0	12.092	0.000	6	2	1	1
468402	PL.21284	A	Consumer	14.55Y	121.3	0.00	4.72	0.24	0	3	1	95	0.00	0.0	12.028	0.000	3	1	1	1
4684111	PL.21284	A	Consumer	14.55Y	121.3	0.00	4.72	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	4.70	0.46	0	6	2	95	0.00	0.0	11.974	0.040	0	0	0	6
PL.22620	PL.22619	A	4ACSR	14.56Y	121.3	0.00	4.70	0.41	0	6	2	95	0.00	0.0	12.025	0.050	0	0	0	3
468475	PL.22620	A	Consumer	14.56Y	121.3	0.00	4.70	0.25	0	3	1	95	0.00	0.0	12.025	0.000	3	1	1	1
4684139	PL.22620	A	Consumer	14.56Y	121.3	0.00	4.70	0.07	0	1	0	100	0.00	0.0	12.025	0.000	1	0	1	1
4684159	PL.22620	A	Consumer	14.56Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	12.025	0.000	0	0	0	0
468493	PL.22620	A	Consumer	14.56Y	121.3	0.00	4.70	0.09	0	1	0	100	0.00	0.0	12.025	0.000	1	0	1	1
4684176	PL.22619	A	Consumer	14.56Y	121.3	0.00	4.70	0.01	0	0	0	100	0.00	0.0	11.974	0.000	0	0	1	1
4684153	PL.22619	A	Consumer	14.56Y	121.3	0.00	4.70	0.04	0	1	0	100	0.00	0.0	11.974	0.000	1	0	1	1
4684125	PL.22619	A	Consumer	14.56Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	11.974	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.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	1.57	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	1.57	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	1.57	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	1.57	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	1.57	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	1.57	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	1.57	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	1.57	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	1.57	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	1.57	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	1.57	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	1.57	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	1.57	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	1.57	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	1.57	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	14.56Y	121.4	0.00	4.64	2.07	2	28	11	93	0.00	0.0	12.016	0.008	0	0	0	10
PD.7445	PL.46016	A	fuse6AMP	14.56Y	121.4	0.00	4.64	2.07	35	28	11	93	0.00	0.0	12.016	0.000	0	0	0	10
PL.46017	PD.7445	A	4ACSR	14.56Y	121.4	0.00	4.64	2.07	2	28	11	93	0.00	0.0	12.025	0.009	0	0	0	10
PL.22627	PL.46017	A	4ACSR	14.56Y	121.4	0.00	4.64	0.77	1	10	4	93	0.00	0.0	12.081	0.056	0	0	0	5
468425	PL.22627	A	Consumer	14.56Y	121.4	0.00	4.64	0.05	0	1	0	100	0.00	0.0	12.081	0.000	1	0	1	1
PL.21287	PL.22627	A	4ACSR	14.56Y	121.4	0.00	4.64	0.72	1	10	4	93	0.00	0.0	12.106	0.026	0	0	0	4
468405	PL.21287	A	Consumer	14.56Y	121.4	0.00	4.64	0.19	0	3	1	95	0.00	0.0	12.106	0.000	3	1	1	1
PL.21288	PL.21287	A	4ACSR	14.56Y	121.4	0.00	4.64	0.29	0	4	2	89	0.00	0.0	12.145	0.039	0	0	0	2
468408	PL.21288	A	Consumer	14.56Y	121.4	0.00	4.64	0.13	0	2	1	89	0.00	0.0	12.145	0.000	2	1	1	1
468409	PL.21288	A	Consumer	14.56Y	121.4	0.00	4.64	0.16	0	2	1	89	0.00	0.0	12.145	0.000	2	1	1	1
PL.23626	PL.21287	A	4ACSR	14.56Y	121.4	0.00	4.64	0.24	0	3	1	95	0.00	0.0	12.140	0.034	0	0	0	1
468407	PL.23626	A	Consumer	14.56Y	121.4	0.00	4.64	0.24	0	3	1	95	0.00	0.0	12.140	0.000	3	1	1	1
PL.22628	PL.46017	A	4ACSR	14.56Y	121.4	0.00	4.64	0.83	1	11	4	94	0.00	0.0	12.067	0.042	0	0	0	2
468410	PL.22628	A	Consumer	14.56Y	121.4	0.00	4.64	0.25	0	3	1	95	0.00	0.0	12.067	0.000	3	1	1	1
PL.22629	PL.22628	A	4ACSR	14.56Y	121.4	0.00	4.64	0.57	0	8	3	94	0.00	0.0	12.135	0.068	0	0	0	1

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Title:
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 468404, PL.21285, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.28665, PL.28227, PL.33990, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	% PF	kW Loss	% Loss							
0404102	PL.7346	A	Consumer	14.58Y	121.5	0.00	4.48	0.00	0	0	0	100	0.00	0.0	10.971	0.000	0	0	1	1
040495	PL.7346	A	Consumer	14.58Y	121.5	0.00	4.48	0.03	0	0	0	100	0.00	0.0	10.971	0.000	0	0	1	1
PL.19081	PL.7346	A	4ACSR	14.58Y	121.5	0.00	4.48	1.04	1	14	5	94	0.00	0.0	11.035	0.064	0	0	0	7
PL.19082	PL.19081	A	4ACSR	14.58Y	121.5	0.00	4.48	0.64	1	9	3	95	0.00	0.0	11.086	0.051	0	0	0	6
0404117	PL.19082	A	Consumer	14.58Y	121.5	0.00	4.48	0.05	0	1	0	100	0.00	0.0	11.086	0.000	1	0	1	1
0404103	PL.19082	A	Consumer	14.58Y	121.5	0.00	4.48	0.04	0	1	0	100	0.00	0.0	11.086	0.000	1	0	1	1
040499	PL.19082	A	Consumer	14.58Y	121.5	0.00	4.48	0.28	0	4	1	97	0.00	0.0	11.086	0.000	4	1	1	1
PL.7347	PL.19082	A	4ACSR	14.58Y	121.5	0.00	4.48	0.26	0	4	1	97	0.00	0.0	11.128	0.042	0	0	0	3
0404107	PL.7347	A	Consumer	14.58Y	121.5	0.00	4.48	0.14	0	2	1	89	0.00	0.0	11.128	0.000	2	1	1	1
PL.7348	PL.7347	A	4ACSR	14.58Y	121.5	0.00	4.48	0.13	0	2	1	89	0.00	0.0	11.155	0.027	0	0	0	2
0404118	PL.7348	A	Consumer	14.58Y	121.5	0.00	4.48	0.05	0	1	0	100	0.00	0.0	11.155	0.000	1	0	1	1
0404101	PL.7348	A	Consumer	14.58Y	121.5	0.00	4.48	0.07	0	1	0	100	0.00	0.0	11.155	0.000	1	0	1	1
040498	PL.19081	A	Consumer	14.58Y	121.5	0.00	4.48	0.40	0	5	2	93	0.00	0.0	11.035	0.000	5	2	1	1
PL.20358	PL.46001	B	4ACSR	14.92Y	124.4	0.00	1.63	14.16	12	197	77	93	0.00	0.0	10.827	0.008	0	0	0	118
PD.485-A	PL.20358	B	Closed	14.92Y	124.4	0.00	1.63	14.16	0	197	77	93	0.00	0.0	10.827	0.000	0	0	0	118
PD.485-B	PD.485-A	B	Closed	14.92Y	124.4	0.00	1.63	14.16	0	197	77	93	0.00	0.0	10.827	0.000	0	0	0	118
PL.20359	PD.485-B	B	4ACSR	14.92Y	124.4	0.01	1.64	14.16	12	197	77	93	0.01	0.0	10.848	0.022	0	0	0	118
0404104	PL.20359	B	Consumer	14.92Y	124.4	0.00	1.64	0.33	0	5	2	93	0.00	0.0	10.848	0.000	5	2	1	1
PL.11041	PL.20359	B	4ACSR	14.92Y	124.4	0.01	1.65	13.25	11	184	72	93	0.01	0.0	10.881	0.033	0	0	0	111
PL.11042	PL.11041	B	4ACSR	14.92Y	124.3	0.05	1.69	13.09	11	182	72	93	0.07	0.0	11.041	0.159	0	0	0	109
040469	PL.11042	B	Consumer	14.92Y	124.3	0.00	1.69	0.02	0	0	0	100	0.00	0.0	11.041	0.000	0	0	1	1
040443	PL.11042	B	Consumer	14.92Y	124.3	0.00	1.69	0.00	0	0	0	100	0.00	0.0	11.041	0.000	0	0	1	1
040440	PL.11042	B	Consumer	14.92Y	124.3	0.00	1.69	0.03	0	0	0	100	0.00	0.0	11.041	0.000	0	0	1	1
040421	PL.11042	B	Consumer	14.92Y	124.3	0.00	1.69	0.15	0	2	1	89	0.00	0.0	11.041	0.000	2	1	1	1
040439	PL.11042	B	Consumer	14.92Y	124.3	0.00	1.69	0.47	0	7	3	92	0.00	0.0	11.041	0.000	7	3	1	1
040441	PL.11042	B	Consumer	14.92Y	124.3	0.00	1.69	0.00	0	0	0	100	0.00	0.0	11.041	0.000	0	0	1	1
040424	PL.11042	B	Consumer	14.92Y	124.3	0.00	1.69	0.00	0	0	0	100	0.00	0.0	11.041	0.000	0	0	1	1
040403	PL.11042	B	Consumer	14.92Y	124.3	0.00	1.69	0.04	0	0	0	100	0.00	0.0	11.041	0.000	0	0	1	1
PL.11043	PL.11042	B	4ACSR	14.91Y	124.3	0.02	1.71	10.54	9	146	58	93	0.02	0.0	11.104	0.063	0	0	0	79
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	124.3	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	124.3	0.00	1.75	0.06	0	1	0	100	0.00	0.0	11.315	0.036	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

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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-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
0404132	PL.33966	B	Consumer	14.91Y	124.3	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	1.76	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	1.76	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	1.76	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	1.76	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	1.81	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
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	1.81	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	1.81	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	1.81	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

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----			
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	Length (mi)					KW	KVAR	Cons On	Cons Thru
PL.22855	PL.22323	B	4ACSR	14.90Y	124.2	0.01	1.83	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	1.84	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	124.2	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	124.2	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	1.86	1.05	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	1.86	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	1.86	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	1.86	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	1.86	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	1.86	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	1.86	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	
PL.45823	PL.45822	B	4ACSR	14.90Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	12.315	0.048	0	0	0	0	
0415069	PL.45823	B	Consumer	14.90Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	12.315	0.000	0	0	0	0	
041563	PL.22481	B	Consumer	14.90Y	124.1	0.00	1.86	0.08	0	1	0	100	0.00	0.0	12.203	0.000	1	0	1	1	
041522	PL.22481	B	Consumer	14.90Y	124.1	0.00	1.86	0.26	0	4	1	97	0.00	0.0	12.203	0.000	4	1	1	1	
PL.22482	PL.22481	B	4ACSR	14.90Y	124.1	0.00	1.86	0.57	0	8	4	89	0.00	0.0	12.260	0.056	0	0	0	6	
PL.21691	PL.22482	B	4ACSR	14.90Y	124.1	0.00	1.86	0.57	0	8	4	89	0.00	0.0	12.412	0.152	0	0	0	6	
PL.29535	PL.21691	B	4ACSR	14.90Y	124.1	0.00	1.86	0.16	0	2	1	89	0.00	0.0	12.484	0.072	0	0	0	3	
041514	PL.29535	B	Consumer	14.90Y	124.1	0.00	1.86	0.09	0	1	1	71	0.00	0.0	12.484	0.000	1	1	1	1	
041550	PL.29535	B	Consumer	14.90Y	124.1	0.00	1.86	0.03	0	0	0	100	0.00	0.0	12.484	0.000	0	0	1	1	

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.29536	PL.29535	B	4ACSR	14.90Y	124.1	0.00	1.86	0.04	0	1	0	100	0.00	0.0	12.594	0.110	0	0	0	1
041562	PL.29536	B	Consumer	14.90Y	124.1	0.00	1.86	0.04	0	1	0	100	0.00	0.0	12.594	0.000	1	0	1	1
0415065	PL.21691	B	Consumer	14.90Y	124.1	0.00	1.86	0.03	0	0	0	100	0.00	0.0	12.412	0.000	0	0	1	1
041551	PL.21691	B	Consumer	14.90Y	124.1	0.00	1.86	0.04	0	1	0	100	0.00	0.0	12.412	0.000	1	0	1	1
041501	PL.21691	B	Consumer	14.90Y	124.1	0.00	1.86	0.34	0	5	2	93	0.00	0.0	12.412	0.000	5	2	1	1
041506	PL.23186	B	Consumer	14.90Y	124.1	0.00	1.85	0.47	0	7	3	92	0.00	0.0	11.909	0.000	7	3	1	1
041504	PL.23186	B	Consumer	14.90Y	124.1	0.00	1.85	0.48	0	7	3	92	0.00	0.0	11.909	0.000	7	3	1	1
PL.28989	PL.22856	B	4ACSR	14.90Y	124.2	0.00	1.85	2.60	2	36	14	93	0.00	0.0	11.848	0.024	0	0	0	32
PD.2776	PL.28989	B	fuse6AMP	14.90Y	124.2	0.00	1.85	2.60	44	36	14	93	0.00	0.0	11.848	0.000	0	0	0	32
PL.21676	PD.2776	B	4ACSR	14.90Y	124.2	0.00	1.85	2.60	2	36	14	93	0.00	0.0	11.916	0.068	0	0	0	32
PL.22477	PL.21676	B	4ACSR	14.90Y	124.1	0.00	1.85	2.50	2	35	14	93	0.00	0.0	11.953	0.037	0	0	0	29
041516	PL.22477	B	Consumer	14.90Y	124.1	0.00	1.85	0.20	0	3	1	95	0.00	0.0	11.953	0.000	3	1	1	1
PL.22319	PL.22477	B	4ACSR	14.90Y	124.1	0.00	1.85	0.24	0	3	1	95	0.00	0.0	11.977	0.024	0	0	0	3
PL.22320	PL.22319	B	4ACSR	14.90Y	124.1	0.00	1.85	0.20	0	3	1	95	0.00	0.0	11.998	0.022	0	0	0	2
041518	PL.22320	B	Consumer	14.90Y	124.1	0.00	1.85	0.19	0	3	1	95	0.00	0.0	11.998	0.000	3	1	1	1
041519	PL.22320	B	Consumer	14.90Y	124.1	0.00	1.85	0.01	0	0	0	100	0.00	0.0	11.998	0.000	0	0	1	1
041531	PL.22319	B	Consumer	14.90Y	124.1	0.00	1.85	0.03	0	0	0	100	0.00	0.0	11.977	0.000	0	0	1	1
PL.22478	PL.22477	B	4ACSR	14.90Y	124.1	0.00	1.85	2.07	2	29	11	93	0.00	0.0	11.996	0.044	0	0	0	25
041533	PL.22478	B	Consumer	14.90Y	124.1	0.00	1.85	0.07	0	1	0	100	0.00	0.0	11.996	0.000	1	0	1	1
0415070	PL.22478	B	Consumer	14.90Y	124.1	0.00	1.85	0.00	0	0	0	100	0.00	0.0	11.996	0.000	0	0	0	0
041538	PL.22478	B	Consumer	14.90Y	124.1	0.00	1.85	0.00	0	0	0	100	0.00	0.0	11.996	0.000	0	0	0	0
041540	PL.22478	B	Consumer	14.90Y	124.1	0.00	1.85	0.11	0	2	1	89	0.00	0.0	11.996	0.000	2	1	1	1
PL.22317	PL.22478	B	4ACSR	14.90Y	124.1	0.00	1.86	1.88	2	26	10	93	0.00	0.0	12.026	0.030	0	0	0	23
PL.22318	PL.22317	B	4ACSR	14.90Y	124.1	0.00	1.86	1.40	1	19	8	92	0.00	0.0	12.054	0.028	0	0	0	18
PL.22475	PL.22318	B	4ACSR	14.90Y	124.1	0.00	1.86	1.21	1	17	7	92	0.00	0.0	12.083	0.029	0	0	0	17
PL.20861	PL.22475	B	4ACSR	14.90Y	124.1	0.00	1.86	0.02	0	0	0	100	0.00	0.0	12.136	0.053	0	0	0	1
041524	PL.20861	B	Consumer	14.90Y	124.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	12.136	0.000	0	0	0	0
041525	PL.20861	B	Consumer	14.90Y	124.1	0.00	1.86	0.02	0	0	0	100	0.00	0.0	12.136	0.000	0	0	1	1
PL.22476	PL.22475	B	4ACSR	14.90Y	124.1	0.00	1.86	1.18	1	16	6	94	0.00	0.0	12.109	0.027	0	0	0	16
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

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
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	124.2	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	124.2	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	124.2	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	124.2	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	1.84	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	1.84	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	1.84	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	1.84	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	1.83	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	124.3	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
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

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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
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
0404131	PL.22850	B	Consumer	14.92Y	124.4	0.00	1.64	0.29	0	4	2	89	0.00	0.0	10.941	0.000	4	2	1	1
040468	PL.22850	B	Consumer	14.92Y	124.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	10.941	0.000	0	0	0	0
040462	PL.22850	B	Consumer	14.92Y	124.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	10.941	0.000	0	0	1	1
040470	PL.22850	B	Consumer	14.92Y	124.4	0.00	1.64	0.13	0	2	1	89	0.00	0.0	10.941	0.000	2	1	1	1
PL.22851	PL.22850	B	4ACSR	14.92Y	124.4	0.00	1.64	0.11	0	2	1	89	0.00	0.0	11.000	0.059	0	0	0	2
040463	PL.22851	B	Consumer	14.92Y	124.4	0.00	1.64	0.04	0	1	0	100	0.00	0.0	11.000	0.000	1	0	1	1
040458	PL.22851	B	Consumer	14.92Y	124.4	0.00	1.64	0.06	0	1	0	100	0.00	0.0	11.000	0.000	1	0	1	1
0404108	PL.45999	B	Consumer	14.93Y	124.4	0.00	1.62	0.46	0	6	2	95	0.00	0.0	10.779	0.000	6	2	1	1
040497	PL.7345	B	Consumer	14.93Y	124.4	0.00	1.61	0.26	0	4	1	97	0.00	0.0	10.734	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.45518	PL.20215	C	4ACSR	14.94Y	124.5	0.00	1.46	3.34	3	47	18	93	0.00	0.0	10.745	0.027	0	0	0	32
PL.46002	PL.45518	C	4ACSR	14.94Y	124.5	0.00	1.46	3.34	3	47	18	93	0.00	0.0	10.752	0.007	0	0	0	32
PD.8705	PL.46002	C	25E	14.94Y	124.5	0.00	1.46	3.34	13	47	18	93	0.00	0.0	10.752	0.000	0	0	0	32
PL.46003	PD.8705	C	4ACSR	14.94Y	124.5	0.01	1.47	3.34	3	47	18	93	0.00	0.0	10.848	0.095	0	0	0	32
PL.45544	PL.46003	C	4ACSR	14.94Y	124.5	0.00	1.47	1.29	1	18	7	93	0.00	0.0	10.864	0.016	0	0	0	14
PD.8663	PL.45544	C	fuse6AMP	14.94Y	124.5	0.00	1.47	1.29	22	18	7	93	0.00	0.0	10.864	0.000	0	0	0	14
PL.45545	PD.8663	C	4ACSR	14.94Y	124.5	0.00	1.47	1.29	1	18	7	93	0.00	0.0	10.886	0.022	0	0	0	14
0404124	PL.45545	C	Consumer	14.94Y	124.5	0.00	1.47	0.29	0	4	2	89	0.00	0.0	10.886	0.000	4	2	1	1
040484	PL.45545	C	Consumer	14.94Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	10.886	0.000	0	0	1	1
PL.29031	PL.45545	C	4ACSR	14.94Y	124.5	0.00	1.47	0.99	1	14	5	94	0.00	0.0	10.961	0.075	0	0	0	12
PL.29032	PL.29031	C	4ACSR	14.94Y	124.5	0.00	1.47	0.67	1	9	4	91	0.00	0.0	10.981	0.020	0	0	0	11
040416	PL.29032	C	Consumer	14.94Y	124.5	0.00	1.47	0.01	0	0	0	100	0.00	0.0	10.981	0.000	0	0	1	1
040461	PL.29032	C	Consumer	14.94Y	124.5	0.00	1.47	0.01	0	0	0	100	0.00	0.0	10.981	0.000	0	0	1	1
040471	PL.29032	C	Consumer	14.94Y	124.5	0.00	1.47	0.02	0	0	0	100	0.00	0.0	10.981	0.000	0	0	1	1
040418	PL.29032	C	Consumer	14.94Y	124.5	0.00	1.47	0.03	0	0	0	100	0.00	0.0	10.981	0.000	0	0	1	1
040417	PL.29032	C	Consumer	14.94Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	10.981	0.000	0	0	1	1
040438	PL.29032	C	Consumer	14.94Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	10.981	0.000	0	0	0	0
PL.28936	PL.29032	C	4ACSR	14.94Y	124.5	0.00	1.47	0.59	0	8	3	94	0.00	0.0	11.004	0.023	0	0	0	6
PL.28937	PL.28936	C	4ACSR	14.94Y	124.5	0.00	1.47	0.58	0	8	3	94	0.00	0.0	11.048	0.044	0	0	0	5
PL.28935	PL.28937	C	4ACSR	14.94Y	124.5	0.00	1.47	0.14	0	2	1	89	0.00	0.0	11.090	0.042	0	0	0	3
040426	PL.28935	C	Consumer	14.94Y	124.5	0.00	1.47	0.01	0	0	0	100	0.00	0.0	11.090	0.000	0	0	1	1
040412	PL.28935	C	Consumer	14.94Y	124.5	0.00	1.47	0.06	0	1	0	100	0.00	0.0	11.090	0.000	1	0	1	1
040408	PL.28935	C	Consumer	14.94Y	124.5	0.00	1.47	0.08	0	1	0	100	0.00	0.0	11.090	0.000	1	0	1	1
040410	PL.28937	C	Consumer	14.94Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	11.048	0.000	0	0	1	1
040419	PL.28937	C	Consumer	14.94Y	124.5	0.00	1.47	0.44	0	6	2	95	0.00	0.0	11.048	0.000	6	2	1	1
0404111	PL.28936	C	Consumer	14.94Y	124.5	0.00	1.47	0.01	0	0	0	100	0.00	0.0	11.004	0.000	0	0	1	1
040464	PL.29031	C	Consumer	14.94Y	124.5	0.00	1.47	0.33	0	5	2	93	0.00	0.0	10.961	0.000	5	2	1	1
PL.45546	PL.46003	C	4ACSR	14.94Y	124.5	0.01	1.48	2.06	2	29	11	93	0.00	0.0	11.041	0.193	0	0	0	18
PD.8667	PL.45546	C	fuse6AMP	14.94Y	124.5	0.00	1.48	2.06	35	29	11	93	0.00	0.0	11.041	0.000	0	0	0	18
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	1.48	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	1.48	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	1.48	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	1.48	0.00	0	0	0	100	0.00	0.0	11.137	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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-

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\EXISTING JUL05 CWP.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 040366 through 0413216.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
0413142	PL.27721	A	Consumer	14.63Y	121.9	0.00	4.07	0.08	0	1	0	100	0.00	0.0	9.930	0.000	1	0	1	1
041397	PL.27721	A	Consumer	14.63Y	121.9	0.00	4.07	0.09	0	1	0	100	0.00	0.0	9.930	0.000	1	0	1	1
PL.11252	PL.27721	A	4ACSR	14.63Y	121.9	0.00	4.07	2.42	2	33	13	93	0.00	0.0	9.968	0.038	0	0	0	16
PL.11254	PL.11252	A	4ACSR	14.63Y	121.9	0.00	4.07	2.39	2	33	13	93	0.00	0.0	10.003	0.035	0	0	0	15
PL.3143	PL.11254	A	4ACSR	14.63Y	121.9	0.00	4.07	0.11	0	1	1	71	0.00	0.0	10.023	0.020	0	0	0	2
0413122	PL.3143	A	Consumer	14.63Y	121.9	0.00	4.07	0.09	0	1	0	100	0.00	0.0	10.023	0.000	1	0	1	1
0413134	PL.3143	A	Consumer	14.63Y	121.9	0.00	4.07	0.02	0	0	0	100	0.00	0.0	10.023	0.000	0	0	1	1
PL.11255	PL.11254	A	4ACSR	14.63Y	121.9	0.00	4.07	2.28	2	31	12	93	0.00	0.0	10.033	0.029	0	0	0	13
PL.11249	PL.11255	A	4ACSR	14.63Y	121.9	0.00	4.08	2.12	2	29	11	93	0.00	0.0	10.088	0.055	0	0	0	11
0413101	PL.11249	A	Consumer	14.63Y	121.9	0.00	4.08	0.22	0	3	1	95	0.00	0.0	10.088	0.000	3	1	1	1
PL.11250	PL.11249	A	4ACSR	14.63Y	121.9	0.00	4.08	1.90	2	26	10	93	0.00	0.0	10.130	0.042	0	0	0	10
PL.11251	PL.11250	A	4ACSR	14.63Y	121.9	0.00	4.08	1.35	1	18	7	93	0.00	0.0	10.183	0.054	0	0	0	7
0413129	PL.11251	A	Consumer	14.63Y	121.9	0.00	4.08	0.48	0	7	3	92	0.00	0.0	10.183	0.000	7	3	1	1
041391	PL.11251	A	Consumer	14.63Y	121.9	0.00	4.08	0.32	0	4	2	89	0.00	0.0	10.183	0.000	4	2	1	1
0413100	PL.11251	A	Consumer	14.63Y	121.9	0.00	4.08	0.04	0	1	0	100	0.00	0.0	10.183	0.000	1	0	1	1
PL.7297	PL.11251	A	4ACSR	14.63Y	121.9	0.00	4.08	0.51	0	7	3	92	0.00	0.0	10.239	0.056	0	0	0	4
041390	PL.7297	A	Consumer	14.63Y	121.9	0.00	4.08	0.00	0	0	0	100	0.00	0.0	10.239	0.000	0	0	0	0
0413177	PL.7297	A	Consumer	14.63Y	121.9	0.00	4.08	0.00	0	0	0	100	0.00	0.0	10.239	0.000	0	0	1	1
0413104	PL.7297	A	Consumer	14.63Y	121.9	0.00	4.08	0.04	0	1	0	100	0.00	0.0	10.239	0.000	1	0	1	1
0413113	PL.7297	A	Consumer	14.63Y	121.9	0.00	4.08	0.40	0	6	2	95	0.00	0.0	10.239	0.000	6	2	1	1
041388	PL.7297	A	Consumer	14.63Y	121.9	0.00	4.08	0.07	0	1	0	100	0.00	0.0	10.239	0.000	1	0	1	1
041384	PL.11250	A	Consumer	14.63Y	121.9	0.00	4.08	0.41	0	6	2	95	0.00	0.0	10.130	0.000	6	2	1	1
0413128	PL.11250	A	Consumer	14.63Y	121.9	0.00	4.08	0.09	0	1	0	100	0.00	0.0	10.130	0.000	1	0	1	1
0413107	PL.11250	A	Consumer	14.63Y	121.9	0.00	4.08	0.05	0	1	0	100	0.00	0.0	10.130	0.000	1	0	1	1
0413190	PL.11255	A	Consumer	14.63Y	121.9	0.00	4.07	0.13	0	2	1	89	0.00	0.0	10.033	0.000	2	1	1	1
0413102	PL.11255	A	Consumer	14.63Y	121.9	0.00	4.07	0.03	0	0	0	100	0.00	0.0	10.033	0.000	0	0	1	1
041389	PL.11252	A	Consumer	14.63Y	121.9	0.00	4.07	0.03	0	0	0	100	0.00	0.0	9.968	0.000	0	0	1	1
PL.18139	PL.18141	A	4ACSR	14.63Y	121.9	0.00	4.06	5.45	5	74	29	93	0.00	0.0	9.793	0.008	0	0	0	45
PD.474-A	PL.18139	A	Closed	14.63Y	121.9	0.00	4.06	5.45	0	74	29	93	0.00	0.0	9.793	0.000	0	0	0	45
PD.474-B	PD.474-A	A	Closed	14.63Y	121.9	0.00	4.06	5.45	0	74	29	93	0.00	0.0	9.793	0.000	0	0	0	45
PL.18140	PD.474-B	A	4ACSR	14.63Y	121.9	0.01	4.07	5.45	5	74	29	93	0.01	0.0	9.909	0.116	0	0	0	45
PL.20238	PL.18140	A	4ACSR	14.63Y	121.9	0.00	4.07	4.96	4	68	26	93	0.00	0.0	9.917	0.009	0	0	0	39
C PD.1988	PL.20238	A	fuse6AMP	14.63Y	121.9	0.00	4.07	4.96	85	68	26	93	0.00	0.0	9.917	0.000	0	0	0	39
PL.20066	PD.1988	A	4ACSR	14.63Y	121.9	0.01	4.08	4.96	4	68	26	93	0.00	0.0	9.966	0.048	0	0	0	39
PL.18142	PL.20066	A	4ACSR	14.63Y	121.9	0.00	4.08	1.07	1	15	6	93	0.00	0.0	9.970	0.004	0	0	0	11
PD.1989	PL.18142	A	fuse6AMP	14.63Y	121.9	0.00	4.08	1.07	18	15	6	93	0.00	0.0	9.970	0.000	0	0	0	11
PL.18143	PD.1989	A	4ACSR	14.63Y	121.9	0.00	4.08	1.07	1	15	6	93	0.00	0.0	10.011	0.041	0	0	0	11
PL.6830	PL.18143	A	4ACSR	14.63Y	121.9	0.00	4.08	0.84	1	12	4	95	0.00	0.0	10.050	0.039	0	0	0	10

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-						% Loss	% Loss	mi From Src	-----Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF					kW	KW	KVAR	Cons On
PL.6829	PL.6830	A	4ACSR	14.63Y	121.9	0.00	4.08	0.61	1	8	3	94	0.00	0.0	10.088	0.038	0	0	0	8
041342	PL.6829	A	Consumer	14.63Y	121.9	0.00	4.08	0.00	0	0	0	100	0.00	0.0	10.088	0.000	0	0	0	0
041353	PL.6829	A	Consumer	14.63Y	121.9	0.00	4.08	0.06	0	1	0	100	0.00	0.0	10.088	0.000	1	0	1	1
0413136	PL.6829	A	Consumer	14.63Y	121.9	0.00	4.08	0.06	0	1	0	100	0.00	0.0	10.088	0.000	1	0	1	1
PL.6828	PL.6829	A	4ACSR	14.63Y	121.9	0.00	4.08	0.49	0	7	3	92	0.00	0.0	10.120	0.032	0	0	0	6
041348	PL.6828	A	Consumer	14.63Y	121.9	0.00	4.08	0.00	0	0	0	100	0.00	0.0	10.120	0.000	0	0	1	1
041352	PL.6828	A	Consumer	14.63Y	121.9	0.00	4.08	0.11	0	2	1	89	0.00	0.0	10.120	0.000	2	1	1	1
041355	PL.6828	A	Consumer	14.63Y	121.9	0.00	4.08	0.01	0	0	0	100	0.00	0.0	10.120	0.000	0	0	1	1
PL.6827	PL.6828	A	4ACSR	14.63Y	121.9	0.00	4.08	0.37	0	5	2	93	0.00	0.0	10.167	0.047	0	0	0	3
0413155	PL.6827	A	Consumer	14.63Y	121.9	0.00	4.08	0.23	0	3	1	95	0.00	0.0	10.167	0.000	3	1	1	1
041349	PL.6827	A	Consumer	14.63Y	121.9	0.00	4.08	0.13	0	2	1	89	0.00	0.0	10.167	0.000	2	1	1	1
041354	PL.6827	A	Consumer	14.63Y	121.9	0.00	4.08	0.01	0	0	0	100	0.00	0.0	10.167	0.000	0	0	1	1
041340	PL.6830	A	Consumer	14.63Y	121.9	0.00	4.08	0.14	0	2	1	89	0.00	0.0	10.050	0.000	2	1	1	1
0413214	PL.6830	A	Consumer	14.63Y	121.9	0.00	4.08	0.00	0	0	0	100	0.00	0.0	10.050	0.000	0	0	0	0
0413219	PL.6830	A	Consumer	14.63Y	121.9	0.00	4.08	0.09	0	1	0	100	0.00	0.0	10.050	0.000	1	0	1	1
041346	PL.18143	A	Consumer	14.63Y	121.9	0.00	4.08	0.22	0	3	1	95	0.00	0.0	10.011	0.000	3	1	1	1
041350	PL.20066	A	Consumer	14.63Y	121.9	0.00	4.08	0.02	0	0	0	100	0.00	0.0	9.966	0.000	0	0	1	1
041339	PL.20066	A	Consumer	14.63Y	121.9	0.00	4.08	0.28	0	4	1	97	0.00	0.0	9.966	0.000	4	1	1	1
0413213	PL.20066	A	Consumer	14.63Y	121.9	0.00	4.08	0.01	0	0	0	100	0.00	0.0	9.966	0.000	0	0	1	1
041351	PL.20066	A	Consumer	14.63Y	121.9	0.00	4.08	0.11	0	2	1	89	0.00	0.0	9.966	0.000	2	1	1	1
0413117	PL.20066	A	Consumer	14.63Y	121.9	0.00	4.08	0.06	0	1	0	100	0.00	0.0	9.966	0.000	1	0	1	1
041387	PL.20066	A	Consumer	14.63Y	121.9	0.00	4.08	0.20	0	3	1	95	0.00	0.0	9.966	0.000	3	1	1	1
PL.11246	PL.20066	A	4ACSR	14.63Y	121.9	0.00	4.08	3.21	3	44	17	93	0.00	0.0	9.993	0.028	0	0	0	22
0413146	PL.11246	A	Consumer	14.63Y	121.9	0.00	4.08	0.00	0	0	0	100	0.00	0.0	9.993	0.000	0	0	0	0
0413140	PL.11246	A	Consumer	14.63Y	121.9	0.00	4.08	0.03	0	0	0	100	0.00	0.0	9.993	0.000	0	0	1	1
PL.6837	PL.11246	A	4ACSR	14.63Y	121.9	0.00	4.08	3.17	3	43	17	93	0.00	0.0	10.027	0.034	0	0	0	21
PL.6836	PL.6837	A	4ACSR	14.63Y	121.9	0.00	4.08	2.83	2	39	15	93	0.00	0.0	10.069	0.042	0	0	0	18
PL.19786	PL.6836	A	4ACSR	14.63Y	121.9	0.00	4.09	1.63	1	22	9	93	0.00	0.0	10.116	0.047	0	0	0	12
PL.19787	PL.19786	A	4ACSR	14.63Y	121.9	0.00	4.09	1.11	1	15	6	93	0.00	0.0	10.155	0.038	0	0	0	8
0413148	PL.19787	A	Consumer	14.63Y	121.9	0.00	4.09	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	4.09	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	4.09	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	4.09	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	4.09	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	4.09	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	4.09	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	4.09	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	4.09	0.02	0	0	0	100	0.00	0.0	10.317	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for Units Displayed In Volts and Base Voltage: 120.0-

Unbalanced Voltage Drop Report
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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
0413114	PL.7301	A	Consumer	14.63Y	121.9	0.00	4.06	0.03	0	0	0	100	0.00	0.0	10.079	0.000	0	0	1	1
041374	PL.7301	A	Consumer	14.63Y	121.9	0.00	4.06	0.08	0	1	0	100	0.00	0.0	10.079	0.000	1	0	1	1
PL.7294	PL.7301	A	4ACSR	14.63Y	121.9	0.00	4.06	0.21	0	3	1	95	0.00	0.0	10.134	0.055	0	0	0	5
0413111	PL.7294	A	Consumer	14.63Y	121.9	0.00	4.06	0.01	0	0	0	100	0.00	0.0	10.134	0.000	0	0	1	1
0413112	PL.7294	A	Consumer	14.63Y	121.9	0.00	4.06	0.06	0	1	0	100	0.00	0.0	10.134	0.000	1	0	1	1
041375	PL.7294	A	Consumer	14.63Y	121.9	0.00	4.06	0.00	0	0	0	100	0.00	0.0	10.134	0.000	0	0	1	1
041394	PL.7294	A	Consumer	14.63Y	121.9	0.00	4.06	0.06	0	1	0	100	0.00	0.0	10.134	0.000	1	0	1	1
041399	PL.7294	A	Consumer	14.63Y	121.9	0.00	4.06	0.08	0	1	0	100	0.00	0.0	10.134	0.000	1	0	1	1
0413119	PL.7302	A	Consumer	14.63Y	121.9	0.00	4.06	0.13	0	2	1	89	0.00	0.0	10.023	0.000	2	1	1	1
0413109	PL.7302	A	Consumer	14.63Y	121.9	0.00	4.06	0.08	0	1	0	100	0.00	0.0	10.023	0.000	1	0	1	1
0413106	PL.7323	A	Consumer	14.63Y	121.9	0.00	4.06	0.04	0	0	0	100	0.00	0.0	9.953	0.000	0	0	1	1
0413218	PL.7323	A	Consumer	14.63Y	121.9	0.00	4.06	0.02	0	0	0	100	0.00	0.0	9.953	0.000	0	0	1	1
0413125	PL.7323	A	Consumer	14.63Y	121.9	0.00	4.06	0.07	0	1	0	100	0.00	0.0	9.953	0.000	1	0	1	1
0413165	PL.7323	A	Consumer	14.63Y	121.9	0.00	4.06	0.03	0	0	0	100	0.00	0.0	9.953	0.000	0	0	1	1
0413231	PL.43096	A	Consumer	14.63Y	122.0	0.00	4.05	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	14.64Y	122.0	-0.00	3.98	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	1.25	0.60	0	8	3	93					0	0	0	2
PL.18629	PL.18628	A	336ACSR	14.64Y	122.0	-0.00	3.98	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	1.25	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
PL.20101	PD.2012	B	4ACSR	14.98Y	124.9	0.00	1.13	1.04	1	15	6	93	0.00	0.0	9.564	0.052	0	0	0	3
PL.10539	PL.20101	B	4ACSR	14.98Y	124.9	0.00	1.13	0.31	0	4	2	89	0.00	0.0	9.651	0.087	0	0	0	1
041334	PL.10539	B	Consumer	14.98Y	124.9	0.00	1.13	0.31	0	4	2	89	0.00	0.0	9.651	0.000	4	2	1	1
040307	PL.20101	B	Consumer	14.98Y	124.9	0.00	1.13	0.51	0	7	3	92	0.00	0.0	9.564	0.000	7	3	1	1
040336	PL.20101	B	Consumer	14.98Y	124.9	0.00	1.13	0.23	0	3	1	95	0.00	0.0	9.564	0.000	3	1	1	1
PL.10845	PL.18629	A	336ACSR	14.64Y	122.0	-0.00	3.98	0.00	0	0	0	100	0.00	0.0	9.703	0.195	0	0	0	0
		B		14.98Y	124.9	0.00	1.13	0.00	0	0	0	100					0	0	0	0
		C		14.97Y	124.7	0.00	1.25	0.60	0	8	3	93					0	0	0	2
PL.44656	PL.10845	A	336ACSR	14.64Y	122.0	0.00	3.98	0.00	0	0	0	100	0.00	0.0	9.781	0.078	0	0	0	0
		B		14.98Y	124.9	0.00	1.13	0.00	0	0	0	100					0	0	0	0
		C		14.97Y	124.7	0.00	1.25	0.00	0	0	0	100					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							% Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	PF	kW					KW	KVAR	Cons On	Cons Thru
PD.8352-A	PL.44656	A	Open	14.64Y	122.0	0.00	3.98	0.00	0	0	0	100	0.00	0.0	9.781	0.000	0	0	0	0	
		B		14.98Y	124.9	0.00	1.13	0.00	0	0	0	100					0	0	0	0	
		C		14.97Y	124.7	0.00	1.25	0.00	0	0	0	100					0	0	0	0	
PL.18138	PL.10845	C	4ACSR	14.97Y	124.7	0.00	1.25	0.60	1	8	3	94	0.00	0.0	9.707	0.005	0	0	0	2	
PD.1822	PL.18138	C	fuse6AMP	14.97Y	124.7	0.00	1.25	0.60	10	8	3	94	0.00	0.0	9.707	0.000	0	0	0	2	
PL.19121	PD.1822	C	4ACSR	14.97Y	124.7	0.00	1.25	0.60	1	8	3	94	0.00	0.0	9.806	0.099	0	0	0	2	
PL.19120	PL.19121	C	4ACSR	14.97Y	124.7	0.00	1.25	0.24	0	3	1	95	0.00	0.0	9.845	0.039	0	0	0	1	
041358	PL.19120	C	Consumer	14.97Y	124.7	0.00	1.25	0.24	0	3	1	95	0.00	0.0	9.845	0.000	3	1	1	1	
041314	PL.19121	C	Consumer	14.97Y	124.7	0.00	1.25	0.36	0	5	2	93	0.00	0.0	9.806	0.000	5	2	1	1	
PL.11242	PL.10845	A	4ACSR	14.64Y	122.0	0.00	3.98	0.00	0	0	0	100	0.00	0.0	9.709	0.006	0	0	0	0	
PL.11245	PL.11242	A	4ACSR	14.64Y	122.0	0.00	3.98	0.00	0	0	0	100	0.00	0.0	9.710	0.001	0	0	0	0	
PD.1823	PL.11245	A	fuse6AMP	14.64Y	122.0	0.00	3.98	0.00	0	0	0	100	0.00	0.0	9.710	0.000	0	0	0	0	
PL.11244	PD.1823	A	4ACSR	14.64Y	122.0	0.00	3.98	0.00	0	0	0	100	0.00	0.0	9.721	0.011	0	0	0	0	
PD.476-B	PL.11244	A	Open	14.64Y	122.0	0.00	3.98	0.00	0	0	0	100	0.00	0.0	9.721	0.000	0	0	0	0	
PL.6839	PL.19936	C	4ACSR	14.98Y	124.8	0.00	1.20	0.45	0	6	3	89	0.00	0.0	9.265	0.011	0	0	0	2	
PL.6840	PL.6839	C	4ACSR	14.98Y	124.8	0.00	1.20	0.02	0	0	0	100	0.00	0.0	9.322	0.057	0	0	0	1	
040397	PL.6840	C	Consumer	14.98Y	124.8	0.00	1.20	0.02	0	0	0	100	0.00	0.0	9.322	0.000	0	0	1	1	
040386	PL.6839	C	Consumer	14.98Y	124.8	0.00	1.20	0.43	0	6	3	89	0.00	0.0	9.265	0.000	6	3	1	1	
040371	PL.28045	B	Consumer	15.00Y	125.0	0.00	1.00	0.06	0	1	0	100	0.00	0.0	9.114	0.000	1	0	1	1	
040301	PL.28045	B	Consumer	15.00Y	125.0	0.00	1.00	0.48	0	7	3	92	0.00	0.0	9.114	0.000	7	3	1	1	
040316	PL.28045	B	Consumer	15.00Y	125.0	0.00	1.00	0.01	0	0	0	100	0.00	0.0	9.114	0.000	0	0	1	1	
PL.3192	PL.7305	C	4ACSR	14.99Y	124.9	0.00	1.11	0.00	0	0	0	100	0.00	0.0	8.947	0.048	0	0	0	1	
040217	PL.3192	C	Consumer	14.99Y	124.9	0.00	1.11	0.00	0	0	0	100	0.00	0.0	8.947	0.000	0	0	1	1	
040206	PL.19188	B	Consumer	15.01Y	125.1	0.00	0.91	0.12	0	2	1	89	0.00	0.0	8.865	0.000	2	1	1	1	
040204	PL.20747	B	Consumer	15.02Y	125.1	0.00	0.86	0.15	0	2	1	89	0.00	0.0	8.695	0.000	2	1	1	1	
PL.8683	PL.10971	C	4ACSR	15.00Y	125.0	0.00	1.03	1.82	2	25	11	92	0.00	0.0	8.620	0.054	0	0	0	6	
PL.27823	PL.8683	C	4ACSR	15.00Y	125.0	0.01	1.04	1.82	2	25	11	92	0.00	0.0	8.772	0.152	0	0	0	6	
PL.19722	PL.27823	C	4ACSR	14.99Y	125.0	0.00	1.04	1.26	1	17	8	90	0.00	0.0	8.905	0.133	0	0	0	4	
041204	PL.19722	C	Consumer	14.99Y	125.0	0.00	1.04	0.83	0	11	5	91	0.00	0.0	8.905	0.000	11	5	1	1	
PL.19723	PL.19722	C	4ACSR	14.99Y	125.0	0.00	1.05	0.43	0	6	2	95	0.00	0.0	9.037	0.132	0	0	0	3	
PL.6832	PL.19723	C	4ACSR	14.99Y	125.0	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	125.0	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	125.0	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	125.0	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	125.0	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	125.0	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	125.0	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	15.00Y	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	15.00Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	8.772	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: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
030913	PL.20029	C	Consumer	15.02Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	7.537	0.000	0	0	1	1
030919	PL.20029	C	Consumer	15.02Y	125.1	0.00	0.87	0.17	0	2	1	89	0.00	0.0	7.537	0.000	2	1	1	1
030909	PL.20029	C	Consumer	15.02Y	125.1	0.00	0.87	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	0.86	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	0.86	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	0.86	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	15.03Y	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	15.03Y	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	15.03Y	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	14.85Y	123.8	0.00	2.22	0.37	0	5	2	93	0.00	0.0	6.384	0.024	0	0	0	10
PD.8717	PL.46093	A	fuse6AMP	14.85Y	123.8	0.00	2.22	0.37	6	5	2	93	0.00	0.0	6.384	0.000	0	0	0	10
PL.46094	PD.8717	A	4ACSR	14.85Y	123.8	0.00	2.22	0.37	0	5	2	93	0.00	0.0	6.399	0.016	0	0	0	10
PL.10963	PL.46094	A	4ACSR	14.85Y	123.8	0.00	2.22	0.29	0	4	2	89	0.00	0.0	6.492	0.093	0	0	0	5
031830	PL.10963	A	Consumer	14.85Y	123.8	0.00	2.22	0.02	0	0	0	100	0.00	0.0	6.492	0.000	0	0	1	1
PL.6281	PL.10963	A	4ACSR	14.85Y	123.8	0.00	2.22	0.27	0	4	1	97	0.00	0.0	6.513	0.021	0	0	0	4
PL.10968	PL.6281	A	4ACSR	14.85Y	123.8	0.00	2.22	0.21	0	3	1	95	0.00	0.0	6.544	0.031	0	0	0	3
031829	PL.10968	A	Consumer	14.85Y	123.8	0.00	2.22	0.08	0	1	0	100	0.00	0.0	6.544	0.000	1	0	1	1
PL.19114	PL.10968	A	4ACSR	14.85Y	123.8	0.00	2.22	0.14	0	2	1	89	0.00	0.0	6.723	0.179	0	0	0	2
PL.19115	PL.19114	A	4ACSR	14.85Y	123.8	0.00	2.22	0.14	0	2	1	89	0.00	0.0	7.080	0.356	0	0	0	2
030920	PL.19115	A	Consumer	14.85Y	123.8	0.00	2.22	0.14	0	2	1	89	0.00	0.0	7.080	0.000	2	1	1	1
030921	PL.19115	A	Consumer	14.85Y	123.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	7.080	0.000	0	0	1	1
031831	PL.6281	A	Consumer	14.85Y	123.8	0.00	2.22	0.06	0	1	0	100	0.00	0.0	6.513	0.000	1	0	1	1
PL.10964	PL.46094	A	4ACSR	14.85Y	123.8	0.00	2.22	0.08	0	1	0	100	0.00	0.0	6.439	0.039	0	0	0	5
PL.10965	PL.10964	A	4ACSR	14.85Y	123.8	0.00	2.22	0.01	0	0	0	100	0.00	0.0	6.493	0.055	0	0	0	1
031901	PL.10965	A	Consumer	14.85Y	123.8	0.00	2.22	0.01	0	0	0	100	0.00	0.0	6.493	0.000	0	0	1	1
PL.1817	PL.10964	A	4ACSR	14.85Y	123.8	0.00	2.22	0.07	0	1	0	100	0.00	0.0	6.466	0.027	0	0	0	4
PL.29891	PL.1817	A	4ACSR	14.85Y	123.8	0.00	2.22	0.07	0	1	0	100	0.00	0.0	6.497	0.032	0	0	0	4
PL.29892	PL.29891	A	4ACSR	14.85Y	123.8	0.00	2.22	0.07	0	1	0	100	0.00	0.0	6.631	0.134	0	0	0	4
031832	PL.29892	A	Consumer	14.85Y	123.8	0.00	2.22	0.01	0	0	0	100	0.00	0.0	6.631	0.000	0	0	1	1

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Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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. Includes a sub-header for Units Displayed In Volts.

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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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.22264	PL.21583	C	4ACSR	15.07Y	125.6	0.00	0.43	2.99	3	42	16	93	0.00	0.0	2.599	0.059	0	0	0	21
PL.19924	PL.22264	C	4ACSR	15.07Y	125.6	0.00	0.44	1.74	1	24	10	92	0.00	0.0	2.722	0.123	0	0	0	13
PL.19925	PL.19924	C	4ACSR	15.07Y	125.6	0.00	0.44	1.42	1	20	8	93	0.00	0.0	2.848	0.127	0	0	0	12
PL.1820	PL.19925	C	4ACSR	15.07Y	125.6	0.00	0.44	0.17	0	2	1	89	0.00	0.0	2.920	0.071	0	0	0	1
033607	PL.1820	C	Consumer	15.07Y	125.6	0.00	0.44	0.17	0	2	1	89	0.00	0.0	2.920	0.000	2	1	1	1
PL.9680	PL.19925	C	4ACSR	15.07Y	125.6	0.00	0.45	1.25	1	17	7	92	0.00	0.0	2.913	0.064	0	0	0	11
PL.4868	PL.9680	C	4ACSR	15.07Y	125.6	0.00	0.45	1.25	1	17	7	92	0.00	0.0	3.072	0.159	0	0	0	11
033608	PL.4868	C	Consumer	15.07Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	3.072	0.000	0	0	0	0
033603	PL.4868	C	Consumer	15.07Y	125.6	0.00	0.45	0.13	0	2	1	89	0.00	0.0	3.072	0.000	2	1	1	1
PL.9683	PL.4868	C	4ACSR	15.07Y	125.5	0.00	0.45	1.11	1	16	6	94	0.00	0.0	3.121	0.049	0	0	0	10
PL.19260	PL.9683	C	4ACSR	15.07Y	125.5	0.00	0.45	0.90	1	13	5	93	0.00	0.0	3.168	0.046	0	0	0	9
033614	PL.19260	C	Consumer	15.07Y	125.5	0.00	0.45	0.03	0	0	0	100	0.00	0.0	3.168	0.000	0	0	1	1
PL.19261	PL.19260	C	4ACSR	15.07Y	125.5	0.00	0.45	0.86	1	12	5	92	0.00	0.0	3.219	0.052	0	0	0	8
PL.9681	PL.19261	C	4ACSR	15.07Y	125.5	0.00	0.45	0.67	1	9	4	91	0.00	0.0	3.279	0.060	0	0	0	7
PL.23833	PL.9681	C	4ACSR	15.07Y	125.5	0.00	0.45	0.09	0	1	0	100	0.00	0.0	3.338	0.059	0	0	0	1
033619	PL.23833	C	Consumer	15.07Y	125.5	0.00	0.45	0.09	0	1	0	100	0.00	0.0	3.338	0.000	1	0	1	1
PL.9682	PL.9681	C	4ACSR	15.07Y	125.5	0.00	0.46	0.58	0	8	3	94	0.00	0.0	3.500	0.221	0	0	0	6
PL.4866	PL.9682	C	4ACSR	15.07Y	125.5	0.00	0.46	0.44	0	6	2	95	0.00	0.0	3.559	0.059	0	0	0	5
033616	PL.4866	C	Consumer	15.07Y	125.5	0.00	0.46	0.00	0	0	0	100	0.00	0.0	3.559	0.000	0	0	1	1
PL.5775	PL.4866	C	4ACSR	15.07Y	125.5	0.00	0.46	0.44	0	6	2	95	0.00	0.0	3.616	0.056	0	0	0	4
034644	PL.5775	C	Consumer	15.07Y	125.5	0.00	0.46	0.00	0	0	0	100	0.00	0.0	3.616	0.000	0	0	1	1
PL.5774	PL.5775	C	4ACSR	15.06Y	125.5	0.00	0.46	0.41	0	6	2	95	0.00	0.0	3.660	0.045	0	0	0	1
034643	PL.5774	C	Consumer	15.06Y	125.5	0.00	0.46	0.41	0	6	2	95	0.00	0.0	3.660	0.000	6	2	1	1
PL.23832	PL.5775	C	4ACSR	15.07Y	125.5	0.00	0.46	0.03	0	0	0	100	0.00	0.0	3.629	0.014	0	0	0	2
PL.24656	PL.23832	C	4ACSR	15.07Y	125.5	0.00	0.46	0.03	0	0	0	100	0.00	0.0	3.680	0.051	0	0	0	2
PL.24657	PL.24656	C	4ACSR	15.07Y	125.5	0.00	0.46	0.01	0	0	0	100	0.00	0.0	3.704	0.024	0	0	0	1
034527	PL.24657	C	Consumer	15.07Y	125.5	0.00	0.46	0.01	0	0	0	100	0.00	0.0	3.704	0.000	0	0	1	1
034534	PL.24656	C	Consumer	15.07Y	125.5	0.00	0.46	0.01	0	0	0	100	0.00	0.0	3.680	0.000	0	0	1	1
033617	PL.9682	C	Consumer	15.07Y	125.5	0.00	0.46	0.14	0	2	1	89	0.00	0.0	3.500	0.000	2	1	1	1
033618	PL.19261	C	Consumer	15.07Y	125.5	0.00	0.45	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	0.44	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

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 CWP.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 032518 through 032487.

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. Values for KW and KVAR.

Lowest Voltage: A-Phase -> 113.36 volts on PL.29541, B-Phase -> 116.56 volts on PL.9470, C-Phase -> 116.78 volts on PL.9470
Highest Accumulated Voltage Drop: 12.64 volts on PL.29541
Highest Element Voltage Drop: 3.98 volts on ST.27, 0.68 volts on PL.9470, 0.59 volts on PL.20745

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 HARDWICH'S C..., OH22, OCD41, etc.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 074464, PL.24447, 073420, etc.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR			Cons On	Cons Thru		
074433	PL.34900	B	Consumer	7.35Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	1.804	0.000	0	0	0	0		
PL.12777	PL.34900	B	4ACSR	7.35Y	122.5	0.04	3.47	6.72	6	46	18	93	0.01	0.0	1.941	0.137	0	0	0	10		
PL.12778	PL.12777	B	4ACSR	7.35Y	122.5	0.00	3.47	0.00	0	0	0	100	0.00	0.0	2.079	0.138	0	0	0	0		
PL.24441	PL.12777	B	4ACSR	7.35Y	122.5	0.02	3.49	6.72	6	46	18	93	0.01	0.0	2.006	0.065	0	0	0	10		
PL.24443	PL.24441	B	4ACSR	7.35Y	122.5	0.00	3.49	1.58	1	11	4	94	0.00	0.0	2.050	0.044	0	0	0	2		
PL.24444	PL.24443	B	4ACSR	7.35Y	122.5	0.00	3.49	0.61	1	4	2	89	0.00	0.0	2.102	0.052	0	0	0	1		
074436	PL.24444	B	Consumer	7.35Y	122.5	0.00	3.49	0.61	0	4	2	89	0.00	0.0	2.102	0.000	4	2	1	1		
074424	PL.24443	B	Consumer	7.35Y	122.5	0.00	3.49	0.00	0	0	0	100	0.00	0.0	2.050	0.000	0	0	0	0		
074434	PL.24443	B	Consumer	7.35Y	122.5	0.00	3.49	0.97	0	7	3	92	0.00	0.0	2.050	0.000	7	3	1	1		
PL.34901	PL.24441	B	4ACSR	7.35Y	122.5	0.02	3.51	5.14	4	35	14	93	0.01	0.0	2.093	0.087	0	0	0	8		
PD.5001-A	PL.34901	B	Closed	7.35Y	122.5	0.00	3.51	5.14	0	35	14	93	0.00	0.0	2.093	0.000	0	0	0	8		
PD.5001-B	PD.5001-A	B	Closed	7.35Y	122.5	0.00	3.51	5.14	0	35	14	93	0.00	0.0	2.093	0.000	0	0	0	8		
PL.34902	PD.5001-B	B	4ACSR	7.35Y	122.5	0.00	3.51	5.14	4	35	14	93	0.00	0.0	2.110	0.016	0	0	0	8		
PL.8194	PL.34902	B	4ACSR	7.35Y	122.5	0.00	3.51	2.93	2	20	8	93	0.00	0.0	2.110	0.000	0	0	0	5		
PL.24442	PL.8194	B	4ACSR	7.35Y	122.5	0.01	3.52	2.93	2	20	8	93	0.00	0.0	2.199	0.089	0	0	0	5		
PL.24440	PL.24442	B	4ACSR	7.35Y	122.5	0.00	3.52	0.54	0	4	1	97	0.00	0.0	2.247	0.048	0	0	0	2		
074417	PL.24440	B	Consumer	7.35Y	122.5	0.00	3.52	0.03	0	0	0	100	0.00	0.0	2.247	0.000	0	0	1	1		
074466	PL.24440	B	Consumer	7.35Y	122.5	0.00	3.52	0.00	0	0	0	100	0.00	0.0	2.247	0.000	0	0	0	0		
PL.24468	PL.24440	B	4ACSR	7.35Y	122.5	0.00	3.53	0.50	0	3	1	95	0.00	0.0	2.296	0.048	0	0	0	1		
074467	PL.24468	B	Consumer	7.35Y	122.5	0.00	3.53	0.50	0	3	1	95	0.00	0.0	2.296	0.000	3	1	1	1		
PL.24436	PL.24442	B	4ACSR	7.35Y	122.5	0.01	3.53	1.34	1	9	4	91	0.00	0.0	2.306	0.107	0	0	0	2		
074451	PL.24436	B	Consumer	7.35Y	122.5	0.00	3.53	0.83	0	6	2	95	0.00	0.0	2.306	0.000	6	2	1	1		
074452	PL.24436	B	Consumer	7.35Y	122.5	0.00	3.53	0.51	0	3	1	95	0.00	0.0	2.306	0.000	3	1	1	1		
074405	PL.24436	B	Consumer	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	2.306	0.000	0	0	0	0		
PL.8217	PL.24442	B	4ACSR	7.35Y	122.5	0.00	3.53	1.05	1	7	3	92	0.00	0.0	2.269	0.070	0	0	0	1		
PL.8218	PL.8217	B	4ACSR	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	2.270	0.000	0	0	0	0		
074463	PL.8217	B	Consumer	7.35Y	122.5	0.00	3.53	1.05	0	7	3	92	0.00	0.0	2.269	0.000	7	3	1	1		
074431	PL.34902	B	Consumer	7.35Y	122.5	0.00	3.51	1.16	0	8	3	94	0.00	0.0	2.110	0.000	8	3	1	1		
074409	PL.34902	B	Consumer	7.35Y	122.5	0.00	3.51	0.00	0	0	0	100	0.00	0.0	2.110	0.000	0	0	0	0		
074468	PL.34902	B	Consumer	7.35Y	122.5	0.00	3.51	0.66	0	4	2	89	0.00	0.0	2.110	0.000	4	2	1	1		
074425	PL.34902	B	Consumer	7.35Y	122.5	0.00	3.51	0.39	0	3	1	95	0.00	0.0	2.110	0.000	3	1	1	1		
PL.34897	PL.25290	B	4ACSR	7.35Y	122.6	0.01	3.42	8.04	7	55	22	93	0.00	0.0	1.802	0.016	0	0	0	14		
C PD.4999	PL.34897	B	fuse6AMP	7.35Y	122.6	0.00	3.42	8.04	137	55	22	93	0.00	0.0	1.802	0.000	0	0	0	14 C		
PL.34898	PD.4999	B	4ACSR	7.35Y	122.6	0.01	3.43	8.04	7	55	22	93	0.00	0.0	1.829	0.027	0	0	0	14		
PL.8216	PL.34898	B	4ACSR	7.35Y	122.5	0.02	3.46	7.66	6	52	21	93	0.01	0.0	1.897	0.068	0	0	0	13		
074420	PL.8216	B	Consumer	7.35Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	1.897	0.000	0	0	1	1		
074437	PL.8216	B	Consumer	7.35Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	1.897	0.000	0	0	0	0		
074403	PL.8216	B	Consumer	7.35Y	122.5	0.00	3.46	0.36	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...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 074453, PL.19044, etc.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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							
073447	PL.8199	B	Consumer	7.32Y	122.0	0.00	3.97	0.54	0	4	1	97	0.00	0.0	2.074	0.000	4	1	1	1
073426	PL.8199	B	Consumer	7.32Y	122.0	0.00	3.97	0.68	0	5	2	93	0.00	0.0	2.074	0.000	5	2	1	1
PL.34879	PL.8199	B	4ACSR	7.32Y	122.0	0.01	3.97	5.51	5	38	15	93	0.00	0.0	2.095	0.021	0	0	0	9
C PD.4990	PL.34879	B	fuse6AMP	7.32Y	122.0	0.00	3.97	5.51	94	38	15	93	0.00	0.0	2.095	0.000	0	0	0	9 C
PL.34880	PD.4990	B	4ACSR	7.32Y	122.0	0.01	3.98	5.51	5	38	15	93	0.00	0.0	2.124	0.029	0	0	0	9
073469	PL.34880	B	Consumer	7.32Y	122.0	0.00	3.98	0.71	0	5	2	93	0.00	0.0	2.124	0.000	5	2	1	1
PL.26083	PL.34880	B	4ACSR	7.32Y	122.0	0.01	4.00	4.80	4	33	13	93	0.00	0.0	2.185	0.061	0	0	0	8
PL.8207	PL.26083	B	4ACSR	7.32Y	122.0	0.01	4.01	3.25	3	22	9	93	0.00	0.0	2.268	0.084	0	0	0	5
PL.26084	PL.8207	B	4ACSR	7.32Y	122.0	0.01	4.01	1.40	1	10	4	93	0.00	0.0	2.353	0.084	0	0	0	2
PL.12722	PL.26084	B	4ACSR	7.32Y	122.0	0.01	4.02	1.40	1	10	4	93	0.00	0.0	2.442	0.089	0	0	0	1
073419	PL.12722	B	Consumer	7.32Y	122.0	0.00	4.02	1.40	0	10	4	93	0.00	0.0	2.442	0.000	10	4	1	1
073450	PL.26084	B	Consumer	7.32Y	122.0	0.00	4.01	0.00	0	0	0	100	0.00	0.0	2.353	0.000	0	0	1	1
073414	PL.8207	B	Consumer	7.32Y	122.0	0.00	4.01	0.75	0	5	2	93	0.00	0.0	2.268	0.000	5	2	1	1
073418	PL.8207	B	Consumer	7.32Y	122.0	0.00	4.01	0.55	0	4	1	97	0.00	0.0	2.268	0.000	4	1	1	1
073416	PL.8207	B	Consumer	7.32Y	122.0	0.00	4.01	0.55	0	4	1	97	0.00	0.0	2.268	0.000	4	1	1	1
073408	PL.26083	B	Consumer	7.32Y	122.0	0.00	4.00	0.51	0	3	1	95	0.00	0.0	2.185	0.000	3	1	1	1
073422	PL.26083	B	Consumer	7.32Y	122.0	0.00	4.00	0.35	0	2	1	89	0.00	0.0	2.185	0.000	2	1	1	1
073424	PL.26083	B	Consumer	7.32Y	122.0	0.00	4.00	0.69	0	5	2	93	0.00	0.0	2.185	0.000	5	2	1	1
PL.34877	PL.8199	B	4ACSR	7.32Y	122.0	0.00	3.97	0.67	1	5	2	93	0.00	0.0	2.082	0.007	0	0	0	1
PD.4989	PL.34877	B	fuse6AMP	7.32Y	122.0	0.00	3.97	0.67	11	5	2	93	0.00	0.0	2.082	0.000	0	0	0	1
PL.34878	PD.4989	B	4ACSR	7.32Y	122.0	0.00	3.97	0.67	1	5	2	93	0.00	0.0	2.119	0.038	0	0	0	1
073415	PL.34878	B	Consumer	7.32Y	122.0	0.00	3.97	0.67	0	5	2	93	0.00	0.0	2.119	0.000	5	2	1	1
PL.26080	PL.8199	A	336ACSR	7.52Y	125.3	0.02	0.68	0.00	0	0	0	100	0.32	0.1	2.145	0.070	0	0	0	0
H	PL.26080	B	336ACSR	7.32Y	121.9	0.10	4.07	94.50	21	640	264	92	0	0	0	0	0	0	0	141
		C	336ACSR	7.72Y	128.6	-0.07	-2.60	0.00	0	0	0	100	0	0	0	0	0	0	0	0 H
PL.34881	PL.26080	B	4ACSR	7.32Y	121.9	0.00	4.08	3.14	3	21	8	93	0.00	0.0	2.157	0.012	0	0	0	4
PD.4991	PL.34881	B	fuse6AMP	7.32Y	121.9	0.00	4.08	3.14	54	21	8	93	0.00	0.0	2.157	0.000	0	0	0	4
PL.45177	PD.4991	B	4ACSR	7.32Y	121.9	0.00	4.08	3.14	3	21	8	93	0.00	0.0	2.175	0.018	0	0	0	4
073433	PL.45177	B	Consumer	7.32Y	121.9	0.00	4.08	1.03	0	7	3	92	0.00	0.0	2.175	0.000	7	3	1	1
073417	PL.45177	B	Consumer	7.32Y	121.9	0.00	4.08	0.66	0	5	2	93	0.00	0.0	2.175	0.000	5	2	1	1
073425	PL.45177	B	Consumer	7.32Y	121.9	0.00	4.08	0.92	0	6	2	95	0.00	0.0	2.175	0.000	6	2	1	1
PL.45178	PL.45177	B	4ACSR	7.32Y	121.9	0.00	4.08	0.52	0	4	1	97	0.00	0.0	2.226	0.051	0	0	0	1
073421	PL.45178	B	Consumer	7.32Y	121.9	0.00	4.08	0.52	0	4	1	97	0.00	0.0	2.226	0.000	4	1	1	1
PL.26081	PL.26080	A	336ACSR	7.52Y	125.3	0.01	0.68	0.00	0	0	0	100	0.13	0.0	2.175	0.030	0	0	0	0
H	PL.26081	B	336ACSR	7.31Y	121.9	0.04	4.12	91.36	21	618	255	92	0	0	0	0	0	0	0	137
		C	336ACSR	7.72Y	128.6	-0.03	-2.63	0.00	0	0	0	100	0	0	0	0	0	0	0	0 H
073471	PL.26081	B	Consumer	7.31Y	121.9	0.00	4.12	0.45	0	3	1	95	0.00	0.0	2.175	0.000	3	1	1	1
PL.34883	PL.26081	B	4ACSR	7.31Y	121.9	0.00	4.12	0.88	1	6	2	95	0.00	0.0	2.193	0.018	0	0	0	1
PD.4992	PL.34883	B	fuse6AMP	7.31Y	121.9	0.00	4.12	0.88	15	6	2	95	0.00	0.0	2.193	0.000	0	0	0	1
PL.34884	PD.4992	B	4ACSR	7.31Y	121.9	0.00	4.12	0.88	1	6	2	95	0.00	0.0	2.274	0.081	0	0	0	1

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 073410, PL.25287, PL.25288, etc.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.26071, PL.8165, PL.8164, PL.8166, PL.26070, PL.26069, SW31-B, PL.34873, PD.4987, PL.4787, OH33, PL.34858, PL.34859, PL.34855, PL.26234, PL.25832, PL.20077, PL.21409, PL.15624.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.25169	PL.15624	A	336ACSR	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	3.736	0.067	0	0	0	0
		B		7.21Y	120.2	0.00	5.83	2.51	1	17	7	93					0	0	0	4
		C		7.79Y	129.8	-0.00	-3.77	0.00	0	0	0	100					0	0	0	0
H PL.19775	PL.25169	A	336ACSR	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	3.830	0.094	0	0	0	0
		B		7.21Y	120.2	0.00	5.83	2.51	1	17	7	93					0	0	0	4
		C		7.79Y	129.8	-0.00	-3.77	0.00	0	0	0	100					0	0	0	0
H PL.19804	PL.19775	A	336ACSR	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	3.878	0.047	0	0	0	0
		B		7.21Y	120.2	0.00	5.83	2.11	0	14	6	93					0	0	0	3
		C		7.79Y	129.8	-0.00	-3.77	0.00	0	0	0	100					0	0	0	0
H PL.15623	PL.19804	A	336ACSR	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	3.908	0.031	0	0	0	0
		B		7.21Y	120.2	0.00	5.83	0.00	0	0	0	100					0	0	0	0
		C		7.79Y	129.8	0.00	-3.77	0.00	0	0	0	100					0	0	0	0
H SW32-B	PL.15623	A	Open	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	3.908	0.000	0	0	0	0
		B		7.21Y	120.2	0.00	5.83	0.00	0	0	0	100					0	0	0	0
		C		7.79Y	129.8	0.00	-3.77	0.00	0	0	0	100					0	0	0	0
072434	PL.19804	B	Consumer	7.21Y	120.2	0.00	5.83	0.00	0	0	100	0.00	0.0	3.878	0.000	0	0	0	0	
0724148	PL.19804	B	Consumer	7.21Y	120.2	0.00	5.83	0.08	0	1	0	100	0.00	0.0	3.878	0.000	1	0	1	1
072421	PL.19804	B	Consumer	7.21Y	120.2	0.00	5.83	1.22	0	8	3	94	0.00	0.0	3.878	0.000	8	3	1	1
072469	PL.19804	B	Consumer	7.21Y	120.2	0.00	5.83	0.81	0	5	2	93	0.00	0.0	3.878	0.000	5	2	1	1
072405	PL.19775	B	Consumer	7.21Y	120.2	0.00	5.83	0.40	0	3	1	95	0.00	0.0	3.830	0.000	3	1	1	1
PL.34847	PL.15624	B	4ACSR	7.21Y	120.2	0.00	5.83	0.92	1	6	2	95	0.00	0.0	3.674	0.005	0	0	0	2
PD.4977	PL.34847	B	fuse6AMP	7.21Y	120.2	0.00	5.83	0.92	16	6	2	95	0.00	0.0	3.674	0.000	0	0	0	2
PL.34848	PD.4977	B	4ACSR	7.21Y	120.2	0.00	5.83	0.92	1	6	2	95	0.00	0.0	3.745	0.070	0	0	0	2
072488	PL.34848	B	Consumer	7.21Y	120.2	0.00	5.83	0.00	0	0	0	100	0.00	0.0	3.745	0.000	0	0	1	1
072401	PL.34848	B	Consumer	7.21Y	120.2	0.00	5.83	0.92	0	6	2	95	0.00	0.0	3.745	0.000	6	2	1	1
PL.8180	PL.15624	B	4ACSR	7.21Y	120.1	0.06	5.88	44.52	37	298	120	93	0.13	0.0	3.696	0.028	0	0	0	59
0724142	PL.8180	B	Consumer	7.21Y	120.1	0.00	5.88	1.19	0	8	3	94	0.00	0.0	3.696	0.000	8	3	1	1
PL.25833	PL.8180	B	4ACSR	7.20Y	120.1	0.04	5.92	43.33	36	290	117	93	0.09	0.0	3.716	0.019	0	0	0	58
072433	PL.25833	B	Consumer	7.20Y	120.1	0.00	5.92	1.14	0	8	3	94	0.00	0.0	3.716	0.000	8	3	1	1
PL.15625	PL.25833	B	4ACSR	7.20Y	120.1	0.01	5.93	42.19	35	282	114	93	0.02	0.0	3.721	0.006	0	0	0	57
C PD.3428	PL.15625	B	35L	7.20Y	120.1	0.00	5.93	42.19	121	282	114	93	0.00	0.0	3.721	0.000	0	0	0	57
PL.15626	PD.3428	B	4ACSR	7.19Y	119.8	0.22	6.15	42.19	35	282	114	93	0.48	0.2	3.835	0.113	0	0	0	57
PL.34844	PL.15626	B	4ACSR	7.19Y	119.8	0.00	6.15	3.78	3	25	10	93	0.00	0.0	3.845	0.010	0	0	0	5
PD.4975	PL.34844	B	fuse6AMP	7.19Y	119.8	0.00	6.15	3.78	65	25	10	93	0.00	0.0	3.845	0.000	0	0	0	5
PL.34843	PD.4975	B	4ACSR	7.19Y	119.8	0.02	6.17	3.78	3	25	10	93	0.00	0.0	3.933	0.088	0	0	0	5
PL.4804	PL.34843	B	4ACSR	7.19Y	119.8	0.00	6.17	1.95	2	13	5	93	0.00	0.0	3.945	0.012	0	0	0	3
PL.42710	PL.4804	B	4ACSR	7.19Y	119.8	0.00	6.17	1.12	1	8	3	94	0.00	0.0	3.966	0.021	0	0	0	2
0724167	PL.42710	B	Consumer	7.19Y	119.8	0.00	6.17	0.00	0	0	0	100	0.00	0.0	3.966	0.000	0	0	1	1
PL.42711	PL.42710	B	4ACSR	7.19Y	119.8	0.00	6.17	1.12	1	7	3	92	0.00	0.0	4.012	0.046	0	0	0	1
0724129	PL.42711	B	Consumer	7.19Y	119.8	0.00	6.17	1.12	0	7	3	92	0.00	0.0	4.012	0.000	7	3	1	1
072422	PL.4804	B	Consumer	7.19Y	119.8	0.00	6.17	0.83	0	6	2	95	0.00	0.0	3.945	0.000	6	2	1	1
PL.4805	PL.34843	B	4ACSR	7.19Y	119.8	0.01	6.17	1.83	2	12	5	92	0.00	0.0	3.997	0.064	0	0	0	2
072485	PL.4805	B	Consumer	7.19Y	119.8	0.00	6.17	0.68	0	5	2	93	0.00	0.0	3.997	0.000	5	2	1	1

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
072474	PL.4805	B	Consumer	7.19Y	119.8	0.00	6.17	1.15	0	8	3	94	0.00	0.0	3.997	0.000	8	3	1	1
PL.26194	PL.15626	B	4ACSR	7.19Y	119.8	0.07	6.22	36.52	31	243	98	93	0.13	0.1	3.876	0.041	0	0	0	49
072459	PL.26194	B	Consumer	7.19Y	119.8	0.00	6.22	0.02	0	0	0	100	0.00	0.0	3.876	0.000	0	0	1	1
PL.12368	PL.26194	B	4ACSR	7.18Y	119.7	0.04	6.26	36.50	31	243	98	93	0.08	0.0	3.899	0.024	0	0	0	48
PL.12369	PL.12368	B	4ACSR	7.18Y	119.7	0.03	6.29	36.50	31	243	98	93	0.06	0.0	3.917	0.017	0	0	0	48
0724107	PL.12369	B	Consumer	7.18Y	119.7	0.00	6.29	1.11	0	7	3	92	0.00	0.0	3.917	0.000	7	3	1	1
PL.34845	PL.12369	B	4ACSR	7.18Y	119.7	0.00	6.29	0.76	1	5	2	93	0.00	0.0	3.930	0.013	0	0	0	2
PD.4976	PL.34845	B	fuse6AMP	7.18Y	119.7	0.00	6.29	0.76	13	5	2	93	0.00	0.0	3.930	0.000	0	0	0	2
PL.37603	PD.4976	B	4ACSR	7.18Y	119.7	0.00	6.29	0.76	1	5	2	93	0.00	0.0	3.944	0.014	0	0	0	2
PL.37604	PL.37603	B	4ACSR	7.18Y	119.7	0.00	6.29	0.76	1	5	2	93	0.00	0.0	3.962	0.018	0	0	0	1
072462	PL.37604	B	Consumer	7.18Y	119.7	0.00	6.29	0.76	0	5	2	93	0.00	0.0	3.962	0.000	5	2	1	1
0724163	PL.37603	B	Consumer	7.18Y	119.7	0.00	6.29	0.00	0	0	0	100	0.00	0.0	3.944	0.000	0	0	1	1
PL.26195	PL.12369	B	4ACSR	7.18Y	119.7	0.06	6.35	34.63	29	231	93	93	0.11	0.0	3.954	0.037	0	0	0	45
PL.25286	PL.26195	B	4ACSR	7.17Y	119.6	0.10	6.45	34.63	29	230	93	93	0.18	0.1	4.016	0.062	0	0	0	45
PL.12370	PL.25286	B	4ACSR	7.17Y	119.5	0.09	6.53	33.30	28	221	90	93	0.15	0.1	4.074	0.058	0	0	0	42
PL.12371	PL.12370	B	4ACSR	7.16Y	119.3	0.12	6.66	32.34	27	215	87	93	0.21	0.1	4.157	0.084	0	0	0	41
072472	PL.12371	B	Consumer	7.16Y	119.3	0.00	6.66	4.45	0	29	14	90	0.00	0.0	4.157	0.000	29	14	1	1
PL.12372	PL.12371	B	4ACSR	7.16Y	119.3	0.08	6.74	27.90	23	186	73	93	0.11	0.1	4.218	0.061	0	0	0	40
PL.12375	PL.12372	B	4ACSR	7.16Y	119.3	0.00	6.74	0.00	0	0	0	100	0.00	0.0	4.245	0.027	0	0	0	0
0724138	PL.12375	B	Consumer	7.16Y	119.3	0.00	6.74	0.00	0	0	0	100	0.00	0.0	4.245	0.000	0	0	0	0
PL.34833	PL.12372	B	4ACSR	7.16Y	119.3	0.00	6.74	11.90	10	79	31	93	0.00	0.0	4.224	0.006	0	0	0	17
PD.4970-A	PL.34833	B	Closed	7.16Y	119.3	0.00	6.74	11.90	0	79	31	93	0.00	0.0	4.224	0.000	0	0	0	17
PD.4970-B	PD.4970-A	B	Closed	7.16Y	119.3	0.00	6.74	11.90	0	79	31	93	0.00	0.0	4.224	0.000	0	0	0	17
PL.39436	PD.4970-B	B	4ACSR	7.15Y	119.2	0.01	6.75	11.90	10	79	31	93	0.01	0.0	4.245	0.020	0	0	0	17
PL.39437	PL.39436	B	4ACSR	7.15Y	119.2	0.04	6.79	11.40	10	76	30	93	0.02	0.0	4.324	0.080	0	0	0	16
0724158	PL.39437	B	Consumer	7.15Y	119.2	0.00	6.79	0.38	0	3	1	95	0.00	0.0	4.324	0.000	3	1	1	1
PL.30793	PL.39437	B	4ACSR	7.15Y	119.2	0.02	6.81	11.02	9	73	29	93	0.01	0.0	4.364	0.040	0	0	0	15
0724151	PL.30793	B	Consumer	7.15Y	119.2	0.00	6.81	0.72	0	5	2	93	0.00	0.0	4.364	0.000	5	2	1	1
PL.25835	PL.30793	B	4ACSR	7.15Y	119.2	0.01	6.83	6.19	5	41	16	93	0.00	0.0	4.407	0.043	0	0	0	10
PL.25838	PL.25835	B	4ACSR	7.15Y	119.2	0.01	6.83	3.58	3	24	9	94	0.00	0.0	4.445	0.038	0	0	0	5
PL.34839	PL.25838	B	4ACSR	7.15Y	119.2	0.00	6.83	0.76	1	5	2	93	0.00	0.0	4.452	0.007	0	0	0	1
PD.4973	PL.34839	B	fuse6AMP	7.15Y	119.2	0.00	6.83	0.76	13	5	2	93	0.00	0.0	4.452	0.000	0	0	0	1
PL.34840	PD.4973	B	4ACSR	7.15Y	119.2	0.00	6.83	0.76	1	5	2	93	0.00	0.0	4.516	0.064	0	0	0	1
0724156	PL.34840	B	Consumer	7.15Y	119.2	0.00	6.83	0.76	0	5	2	93	0.00	0.0	4.516	0.000	5	2	1	1
PL.25839	PL.25838	B	4ACSR	7.15Y	119.2	0.00	6.84	2.36	2	16	6	94	0.00	0.0	4.476	0.031	0	0	0	3
0724132	PL.25839	B	Consumer	7.15Y	119.2	0.00	6.84	0.54	0	4	1	97	0.00	0.0	4.476	0.000	4	1	1	1
PL.26058	PL.25839	B	4ACSR	7.15Y	119.2	0.00	6.84	1.82	2	12	5	92	0.00	0.0	4.519	0.042	0	0	0	2
PL.26059	PL.26058	B	4ACSR	7.15Y	119.2	0.00	6.84	1.05	1	7	3	92	0.00	0.0	4.615	0.097	0	0	0	1

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
0724136	PL.26059	B	Consumer	7.15Y	119.2	0.00	6.84	1.05	0	7	3	92	0.00	0.0	4.615	0.000	7	3	1	1
PL.34841	PL.26058	B	4ACSR	7.15Y	119.2	0.00	6.84	0.77	1	5	2	93	0.00	0.0	4.523	0.004	0	0	0	1
PD.4974	PL.34841	B	fuse6AMP	7.15Y	119.2	0.00	6.84	0.77	13	5	2	93	0.00	0.0	4.523	0.000	0	0	0	1
PL.34842	PD.4974	B	4ACSR	7.15Y	119.2	0.00	6.84	0.77	1	5	2	93	0.00	0.0	4.571	0.048	0	0	0	1
0724131	PL.34842	B	Consumer	7.15Y	119.2	0.00	6.84	0.77	0	5	2	93	0.00	0.0	4.571	0.000	5	2	1	1
PL.8179	PL.34842	B	4ACSR	7.15Y	119.2	0.00	6.84	0.00	0	0	0	100	0.00	0.0	4.571	0.000	0	0	0	0
0724154	PL.25838	B	Consumer	7.15Y	119.2	0.00	6.83	0.46	0	3	1	95	0.00	0.0	4.445	0.000	3	1	1	1
0724146	PL.25835	B	Consumer	7.15Y	119.2	0.00	6.83	0.07	0	0	0	100	0.00	0.0	4.407	0.000	0	0	1	1
PL.34837	PL.25835	B	4ACSR	7.15Y	119.2	0.00	6.83	2.54	2	17	7	92	0.00	0.0	4.417	0.010	0	0	0	4
PD.4972	PL.34837	B	fuse6AMP	7.15Y	119.2	0.00	6.83	2.54	43	17	7	92	0.00	0.0	4.417	0.000	0	0	0	4
PL.34838	PD.4972	B	4ACSR	7.15Y	119.2	0.00	6.83	2.54	2	17	7	92	0.00	0.0	4.445	0.029	0	0	0	4
PL.25837	PL.34838	B	4ACSR	7.15Y	119.2	0.00	6.83	1.52	1	10	4	93	0.00	0.0	4.489	0.044	0	0	0	2
0724124	PL.25837	B	Consumer	7.15Y	119.2	0.00	6.83	0.75	0	5	2	93	0.00	0.0	4.489	0.000	5	2	1	1
0724135	PL.25837	B	Consumer	7.15Y	119.2	0.00	6.83	0.76	0	5	2	93	0.00	0.0	4.489	0.000	5	2	1	1
0724147	PL.34838	B	Consumer	7.15Y	119.2	0.00	6.83	0.47	0	3	1	95	0.00	0.0	4.445	0.000	3	1	1	1
0724157	PL.34838	B	Consumer	7.15Y	119.2	0.00	6.83	0.55	0	4	1	97	0.00	0.0	4.445	0.000	4	1	1	1
PL.34835	PL.30793	B	4ACSR	7.15Y	119.2	0.00	6.82	4.11	3	27	11	93	0.00	0.0	4.374	0.010	0	0	0	4
PD.4971	PL.34835	B	fuse6AMP	7.15Y	119.2	0.00	6.82	4.11	70	27	11	93	0.00	0.0	4.374	0.000	0	0	0	4
PL.34836	PD.4971	B	4ACSR	7.15Y	119.2	0.01	6.83	4.11	3	27	11	93	0.00	0.0	4.439	0.065	0	0	0	4
0724120	PL.34836	B	Consumer	7.15Y	119.2	0.00	6.83	0.44	0	3	1	95	0.00	0.0	4.439	0.000	3	1	1	1
0724121	PL.34836	B	Consumer	7.15Y	119.2	0.00	6.83	1.17	0	8	3	94	0.00	0.0	4.439	0.000	8	3	1	1
0724133	PL.34836	B	Consumer	7.15Y	119.2	0.00	6.83	1.68	0	11	4	94	0.00	0.0	4.439	0.000	11	4	1	1
0724125	PL.34836	B	Consumer	7.15Y	119.2	0.00	6.83	0.00	0	0	0	100	0.00	0.0	4.439	0.000	0	0	0	0
PL.40426	PL.34836	B	4ACSR	7.15Y	119.2	0.00	6.83	0.83	1	6	2	95	0.00	0.0	4.456	0.017	0	0	0	1
0724126	PL.40426	B	Consumer	7.15Y	119.2	0.00	6.83	0.83	0	6	2	95	0.00	0.0	4.456	0.000	6	2	1	1
0724164	PL.39436	B	Consumer	7.15Y	119.2	0.00	6.75	0.50	0	3	1	95	0.00	0.0	4.245	0.000	3	1	1	1
PL.34831	PL.12372	B	4ACSR	7.16Y	119.3	0.00	6.74	16.01	13	107	42	93	0.00	0.0	4.223	0.005	0	0	0	23
PD.4969-A	PL.34831	B	Closed	7.16Y	119.3	0.00	6.74	16.01	0	107	42	93	0.00	0.0	4.223	0.000	0	0	0	23
PD.4969-B	PD.4969-A	B	Closed	7.16Y	119.3	0.00	6.74	16.01	0	107	42	93	0.00	0.0	4.223	0.000	0	0	0	23
PL.34832	PD.4969-B	B	4ACSR	7.15Y	119.2	0.04	6.78	16.01	13	107	42	93	0.03	0.0	4.280	0.057	0	0	0	23
072480	PL.34832	B	Consumer	7.15Y	119.2	0.00	6.78	0.82	0	5	2	93	0.00	0.0	4.280	0.000	5	2	1	1
PL.44150	PL.34832	B	4ACSR	7.15Y	119.2	0.01	6.79	15.18	13	101	40	93	0.01	0.0	4.296	0.016	0	0	0	22
PL.44151	PL.44150	B	4ACSR	7.15Y	119.2	0.03	6.82	14.28	12	95	37	93	0.02	0.0	4.338	0.042	0	0	0	21
PL.8173	PL.44151	B	4ACSR	7.15Y	119.2	0.02	6.84	12.98	11	86	34	93	0.02	0.0	4.376	0.038	0	0	0	20
0724109	PL.8173	B	Consumer	7.15Y	119.2	0.00	6.84	0.76	0	5	2	93	0.00	0.0	4.376	0.000	5	2	1	1
PL.8174	PL.8173	B	4ACSR	7.15Y	119.1	0.07	6.91	12.22	10	81	32	93	0.04	0.1	4.494	0.117	0	0	0	19
0724112	PL.8174	B	Consumer	7.15Y	119.1	0.00	6.91	0.61	0	4	2	89	0.00	0.0	4.494	0.000	4	2	1	1
PL.8176	PL.8174	B	4ACSR	7.14Y	119.1	0.03	6.94	11.61	10	77	30	93	0.02	0.0	4.559	0.065	0	0	0	18

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.8177	PL.8176	B	4ACSR	7.14Y	119.0	0.03	6.98	10.65	9	71	28	93	0.02	0.0	4.628	0.069	0	0	0	17	
0724161	PL.8177	B	Consumer	7.14Y	119.0	0.00	6.98	1.30	0	9	3	95	0.00	0.0	4.628	0.000	5	2	1	2	
0724162	0724161	B	Consumer	7.14Y	119.0	0.00	6.98	0.53	0	4	1	97	0.00	0.0	4.628	0.000	4	1	1	1	
PL.8209	PL.8177	B	4ACSR	7.14Y	119.0	0.02	6.99	9.35	8	62	24	93	0.01	0.0	4.663	0.035	0	0	0	15	
0734075	PL.8209	B	Consumer	7.14Y	119.0	0.00	6.99	0.49	0	3	1	95	0.00	0.0	4.663	0.000	3	1	1	1	
0734074	PL.8209	B	Consumer	7.14Y	119.0	0.00	6.99	0.51	0	3	1	95	0.00	0.0	4.663	0.000	3	1	1	1	
073465	PL.8209	B	Consumer	7.14Y	119.0	0.00	6.99	1.03	0	7	3	92	0.00	0.0	4.663	0.000	7	3	1	1	
PL.8219	PL.8209	B	4ACSR	7.14Y	119.0	0.03	7.02	7.32	6	49	19	93	0.01	0.0	4.755	0.091	0	0	0	12	
PL.46081	PL.8219	B	2ACSR	7.14Y	119.0	0.00	7.02	0.00	0	0	0	100	0.00	0.0	4.764	0.009	0	0	0	0	
PD.8714-B	PL.46081	B	Open	7.14Y	119.0	0.00	7.02	0.00	0	0	0	100	0.00	0.0	4.764	0.000	0	0	0	0	
PL.8220	PL.8219	B	4ACSR	7.14Y	119.0	0.02	7.04	7.18	6	48	19	93	0.01	0.0	4.808	0.054	0	0	0	11	
0724166	PL.8220	B	Consumer	7.14Y	119.0	0.00	7.04	0.23	0	2	1	89	0.00	0.0	4.808	0.000	2	1	1	1	
0724144	PL.8220	B	Consumer	7.14Y	119.0	0.00	7.04	0.54	0	4	1	97	0.00	0.0	4.808	0.000	4	1	1	1	
PL.26060	PL.8220	B	4ACSR	7.14Y	118.9	0.03	7.07	6.41	5	43	17	93	0.01	0.0	4.909	0.101	0	0	0	9	
0724119	PL.26060	B	Consumer	7.14Y	118.9	0.00	7.07	0.82	0	5	2	93	0.00	0.0	4.909	0.000	5	2	1	1	
0724114	PL.26060	B	Consumer	7.14Y	118.9	0.00	7.07	1.03	0	7	3	92	0.00	0.0	4.909	0.000	7	3	1	1	
0724159	PL.26060	B	Consumer	7.14Y	118.9	0.00	7.07	0.88	0	6	2	95	0.00	0.0	4.909	0.000	6	2	1	1	
PL.26061	PL.26060	B	4ACSR	7.14Y	118.9	0.01	7.08	3.68	3	24	10	92	0.00	0.0	4.971	0.062	0	0	0	6	
PL.26062	PL.26061	B	4ACSR	7.13Y	118.9	0.00	7.09	2.24	2	15	6	93	0.00	0.0	5.005	0.034	0	0	0	3	
PL.8175	PL.26062	B	4ACSR	7.13Y	118.9	0.00	7.09	1.24	1	8	3	94	0.00	0.0	5.048	0.042	0	0	0	2	
0724116	PL.8175	B	Consumer	7.13Y	118.9	0.00	7.09	0.99	0	7	3	92	0.00	0.0	5.048	0.000	7	3	1	1	
0724139	PL.8175	B	Consumer	7.13Y	118.9	0.00	7.09	0.26	0	2	1	89	0.00	0.0	5.048	0.000	2	1	1	1	
0724117	PL.26062	B	Consumer	7.13Y	118.9	0.00	7.09	1.00	0	7	3	92	0.00	0.0	5.005	0.000	7	3	1	1	
0724130	PL.26061	B	Consumer	7.14Y	118.9	0.00	7.08	0.75	0	5	2	93	0.00	0.0	4.971	0.000	5	2	1	1	
0724111	PL.26061	B	Consumer	7.14Y	118.9	0.00	7.08	0.18	0	1	0	100	0.00	0.0	4.971	0.000	1	0	1	1	
0724127	PL.26061	B	Consumer	7.14Y	118.9	0.00	7.08	0.51	0	3	1	95	0.00	0.0	4.971	0.000	3	1	1	1	
073470	PL.8219	B	Consumer	7.14Y	119.0	0.00	7.02	0.15	0	1	0	100	0.00	0.0	4.755	0.000	1	0	1	1	
0724122	PL.8176	B	Consumer	7.14Y	119.1	0.00	6.94	0.96	0	6	2	95	0.00	0.0	4.559	0.000	6	2	1	1	
PL.34860	PL.44151	B	4ACSR	7.15Y	119.2	0.00	6.82	1.30	1	9	3	95	0.00	0.0	4.346	0.007	0	0	0	1	
PD.4981	PL.34860	B	fuse6AMP	7.15Y	119.2	0.00	6.82	1.30	22	9	3	95	0.00	0.0	4.346	0.000	0	0	0	1	
PL.34861	PD.4981	B	4ACSR	7.15Y	119.2	0.00	6.83	1.30	1	9	3	95	0.00	0.0	4.411	0.066	0	0	0	1	
0724115	PL.34861	B	Consumer	7.15Y	119.2	0.00	6.83	1.30	0	9	3	95	0.00	0.0	4.411	0.000	9	3	1	1	
0724168	PL.44150	B	Consumer	7.15Y	119.2	0.00	6.79	0.91	0	6	2	95	0.00	0.0	4.296	0.000	6	2	1	1	
0724106	PL.12370	B	Consumer	7.17Y	119.5	0.00	6.53	0.95	0	6	2	95	0.00	0.0	4.074	0.000	6	2	1	1	
072489	PL.25286	B	Consumer	7.17Y	119.6	0.00	6.45	0.08	0	1	0	100	0.00	0.0	4.016	0.000	1	0	1	1	
072430	PL.25286	B	Consumer	7.17Y	119.6	0.00	6.45	0.77	0	5	2	93	0.00	0.0	4.016	0.000	5	2	1	1	
072497	PL.25286	B	Consumer	7.17Y	119.6	0.00	6.45	0.48	0	3	1	95	0.00	0.0	4.016	0.000	3	1	1	1	
0724128	PL.25286	B	Consumer	7.17Y	119.6	0.00	6.45	0.00	0	0	0	100	0.00	0.0	4.016	0.000	0	0	0	0	

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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
0724104	PL.15626	B	Consumer	7.19Y	119.8	0.00	6.15	0.74	0	5	2	93	0.00	0.0	3.835	0.000	5	2	1	1
072449	PL.15626	B	Consumer	7.19Y	119.8	0.00	6.15	0.61	0	4	2	89	0.00	0.0	3.835	0.000	4	2	1	1
072403	PL.15626	B	Consumer	7.19Y	119.8	0.00	6.15	0.54	0	4	1	97	0.00	0.0	3.835	0.000	4	1	1	1
0724105	PL.15624	B	Consumer	7.21Y	120.2	0.00	5.83	0.32	0	2	1	89	0.00	0.0	3.669	0.000	2	1	1	1
072446	PL.15624	B	Consumer	7.21Y	120.2	0.00	5.83	0.20	0	1	1	71	0.00	0.0	3.669	0.000	1	1	1	1
072453	PL.15624	B	Consumer	7.21Y	120.2	0.00	5.83	0.00	0	0	0	100	0.00	0.0	3.669	0.000	0	0	0	0
0724153	PL.15624	B	Consumer	7.21Y	120.2	0.00	5.83	0.00	0	0	0	100	0.00	0.0	3.669	0.000	0	0	0	0
072471	PL.15624	B	Consumer	7.21Y	120.2	0.00	5.83	1.01	0	7	3	92	0.00	0.0	3.669	0.000	7	3	1	1
072437	PL.20077	B	Consumer	7.21Y	120.2	0.00	5.78	0.61	0	4	2	89	0.00	0.0	3.610	0.000	4	2	1	1
072415	PL.20077	B	Consumer	7.21Y	120.2	0.00	5.78	0.54	0	4	1	97	0.00	0.0	3.610	0.000	4	1	1	1
072429	PL.25832	B	Consumer	7.22Y	120.3	0.00	5.74	0.46	0	3	1	95	0.00	0.0	3.564	0.000	3	1	1	1
072473	PL.25832	B	Consumer	7.22Y	120.3	0.00	5.74	0.00	0	0	0	100	0.00	0.0	3.564	0.000	0	0	0	0
072448	PL.26234	B	Consumer	7.22Y	120.3	0.00	5.72	0.00	0	0	0	100	0.00	0.0	3.539	0.000	0	0	1	1
072445	PL.26234	B	Consumer	7.22Y	120.3	0.00	5.72	1.37	0	9	4	91	0.00	0.0	3.539	0.000	9	4	1	1
072425	PL.26234	B	Consumer	7.22Y	120.3	0.00	5.72	0.79	0	5	2	93	0.00	0.0	3.539	0.000	5	2	1	1
072426	PL.26234	B	Consumer	7.22Y	120.3	0.00	5.72	1.01	0	7	3	92	0.00	0.0	3.539	0.000	7	3	1	1
072454	PL.26234	B	Consumer	7.22Y	120.3	0.00	5.72	0.00	0	0	0	100	0.00	0.0	3.539	0.000	0	0	0	0
PL.26235	PL.34855	B	4ACSR	7.22Y	120.3	0.02	5.72	8.90	7	60	23	93	0.01	0.0	3.557	0.053	0	0	0	15
PL.8169	PL.26235	B	4ACSR	7.22Y	120.3	0.01	5.72	4.19	4	28	11	93	0.00	0.0	3.596	0.040	0	0	0	8
PL.7599	PL.8169	B	4ACSR	7.22Y	120.3	0.00	5.73	2.80	2	19	7	94	0.00	0.0	3.623	0.027	0	0	0	5
0724108	PL.7599	B	Consumer	7.22Y	120.3	0.00	5.73	1.25	0	8	3	94	0.00	0.0	3.623	0.000	8	3	1	1
PL.34853	PL.7599	B	4ACSR	7.22Y	120.3	0.00	5.73	0.66	1	4	2	89	0.00	0.0	3.636	0.013	0	0	0	1
PD.4980	PL.34853	B	fuse6AMP	7.22Y	120.3	0.00	5.73	0.66	11	4	2	89	0.00	0.0	3.636	0.000	0	0	0	1
PL.34854	PD.4980	B	4ACSR	7.22Y	120.3	0.00	5.73	0.66	1	4	2	89	0.00	0.0	3.669	0.034	0	0	0	1
0724143	PL.34854	B	Consumer	7.22Y	120.3	0.00	5.73	0.66	0	4	2	89	0.00	0.0	3.669	0.000	4	2	1	1
PL.7600	PL.7599	B	4ACSR	7.22Y	120.3	0.00	5.73	0.88	1	6	2	95	0.00	0.0	3.676	0.052	0	0	0	3
072499	PL.7600	B	Consumer	7.22Y	120.3	0.00	5.73	0.27	0	2	1	89	0.00	0.0	3.676	0.000	2	1	1	1
0724134	PL.7600	B	Consumer	7.22Y	120.3	0.00	5.73	0.54	0	4	1	97	0.00	0.0	3.676	0.000	4	1	1	1
0724155	PL.7600	B	Consumer	7.22Y	120.3	0.00	5.73	0.06	0	0	0	100	0.00	0.0	3.676	0.000	0	0	1	1
072495	PL.8169	B	Consumer	7.22Y	120.3	0.00	5.72	0.42	0	3	1	95	0.00	0.0	3.596	0.000	3	1	1	1
0724101	PL.8169	B	Consumer	7.22Y	120.3	0.00	5.72	0.64	0	4	2	89	0.00	0.0	3.596	0.000	4	2	1	1
072493	PL.8169	B	Consumer	7.22Y	120.3	0.00	5.72	0.33	0	2	1	89	0.00	0.0	3.596	0.000	2	1	1	1
072441	PL.26235	B	Consumer	7.22Y	120.3	0.00	5.72	0.77	0	5	2	93	0.00	0.0	3.557	0.000	5	2	1	1
PL.34851	PL.26235	B	4ACSR	7.22Y	120.3	0.00	5.72	3.94	3	26	10	93	0.00	0.0	3.564	0.007	0	0	0	6
PD.4979	PL.34851	B	fuse6AMP	7.22Y	120.3	0.00	5.72	3.94	67	26	10	93	0.00	0.0	3.564	0.000	0	0	0	6
PL.34852	PD.4979	B	4ACSR	7.22Y	120.3	0.00	5.72	3.94	3	26	10	93	0.00	0.0	3.572	0.008	0	0	0	6
PL.25831	PL.34852	B	4ACSR	7.22Y	120.3	0.00	5.72	2.77	2	19	7	94	0.00	0.0	3.588	0.016	0	0	0	5
072407	PL.25831	B	Consumer	7.22Y	120.3	0.00	5.72	0.72	0	5	2	93	0.00	0.0	3.588	0.000	5	2	1	1

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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-

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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.34863	PD.4982	B	4ACSR	7.27Y	121.1	0.00	4.90	0.52	0	4	1	97	0.00	0.0	2.875	0.032	0	0	0	2
073462	PL.34863	B	Consumer	7.27Y	121.1	0.00	4.90	0.41	0	3	1	95	0.00	0.0	2.875	0.000	3	1	1	1
073435	PL.34863	B	Consumer	7.27Y	121.1	0.00	4.90	0.11	0	1	0	100	0.00	0.0	2.875	0.000	1	0	1	1
073473	PL.12771	B	Consumer	7.27Y	121.1	0.00	4.90	1.05	0	7	3	92	0.00	0.0	2.833	0.000	7	3	1	1
073427	PL.12771	B	Consumer	7.27Y	121.1	0.00	4.90	1.20	0	8	3	94	0.00	0.0	2.833	0.000	8	3	1	1
073428	PL.12771	B	Consumer	7.27Y	121.1	0.00	4.90	0.38	0	3	1	95	0.00	0.0	2.833	0.000	3	1	1	1
073439	PL.12771	B	Consumer	7.27Y	121.1	0.00	4.90	0.46	0	3	1	95	0.00	0.0	2.833	0.000	3	1	1	1
PL.12772	PL.12771	B	4ACSR	7.27Y	121.1	0.02	4.92	5.49	5	37	15	93	0.00	0.0	2.899	0.066	0	0	0	8
PL.37693	PL.12772	B	2ACSR	7.26Y	121.1	0.00	4.92	1.03	1	7	3	92	0.00	0.0	2.965	0.066	0	0	0	1
0734076	PL.37693	B	Consumer	7.26Y	121.1	0.00	4.92	1.03	0	7	3	92	0.00	0.0	2.965	0.000	7	3	1	1
PL.8202	PL.12772	B	4ACSR	7.26Y	121.1	0.01	4.93	2.96	2	20	8	93	0.00	0.0	2.976	0.077	0	0	0	5
073440	PL.8202	B	Consumer	7.26Y	121.1	0.00	4.93	0.43	0	3	1	95	0.00	0.0	2.976	0.000	3	1	1	1
073434	PL.8202	B	Consumer	7.26Y	121.1	0.00	4.93	0.56	0	4	1	97	0.00	0.0	2.976	0.000	4	1	1	1
073436	PL.8202	B	Consumer	7.26Y	121.1	0.00	4.93	0.88	0	6	2	95	0.00	0.0	2.976	0.000	6	2	1	1
073437	PL.8202	B	Consumer	7.26Y	121.1	0.00	4.93	0.46	0	3	1	95	0.00	0.0	2.976	0.000	3	1	1	1
PL.8203	PL.8202	B	4ACSR	7.26Y	121.1	0.00	4.93	0.63	1	4	2	89	0.00	0.0	3.024	0.048	0	0	0	1
073448	PL.8203	B	Consumer	7.26Y	121.1	0.00	4.93	0.63	0	4	2	89	0.00	0.0	3.024	0.000	4	2	1	1
PL.46080	PL.8203	B	2ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	3.116	0.092	0	0	0	0
PD.8714-A	PL.46080	B	Open	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	3.116	0.000	0	0	0	0
073452	PL.12772	B	Consumer	7.27Y	121.1	0.00	4.92	0.52	0	4	1	97	0.00	0.0	2.899	0.000	4	1	1	1
073423	PL.12772	B	Consumer	7.27Y	121.1	0.00	4.92	0.00	0	0	0	100	0.00	0.0	2.899	0.000	0	0	0	0
073456	PL.12772	B	Consumer	7.27Y	121.1	0.00	4.92	0.98	0	7	3	92	0.00	0.0	2.899	0.000	7	3	1	1
PL.34867	PL.12770	B	4ACSR	7.27Y	121.1	0.00	4.87	0.79	1	5	2	93	0.00	0.0	2.773	0.011	0	0	0	1
PD.4984	PL.34867	B	fuse6AMP	7.27Y	121.1	0.00	4.87	0.79	13	5	2	93	0.00	0.0	2.773	0.000	0	0	0	1
PL.34868	PD.4984	B	4ACSR	7.27Y	121.1	0.00	4.87	0.79	1	5	2	93	0.00	0.0	2.807	0.034	0	0	0	1
073467	PL.34868	B	Consumer	7.27Y	121.1	0.00	4.87	0.79	0	5	2	93	0.00	0.0	2.807	0.000	5	2	1	1
PL.26075	PL.26077	B	4ACSR	7.27Y	121.2	0.01	4.81	3.61	3	24	10	92	0.00	0.0	2.709	0.035	0	0	0	4
073466	PL.26075	B	Consumer	7.27Y	121.2	0.00	4.81	0.72	0	5	2	93	0.00	0.0	2.709	0.000	5	2	1	1
073461	PL.26075	B	Consumer	7.27Y	121.2	0.00	4.81	1.03	0	7	3	92	0.00	0.0	2.709	0.000	7	3	1	1
073432	PL.26075	B	Consumer	7.27Y	121.2	0.00	4.81	1.68	0	11	4	94	0.00	0.0	2.709	0.000	11	4	1	1
073446	PL.26075	B	Consumer	7.27Y	121.2	0.00	4.81	0.00	0	0	0	100	0.00	0.0	2.709	0.000	0	0	0	0
073442	PL.26075	B	Consumer	7.27Y	121.2	0.00	4.81	0.19	0	1	0	100	0.00	0.0	2.709	0.000	1	0	1	1
PL.40995	PL.40996	B	2ACSR	7.27Y	121.2	0.00	4.78	0.12	0	1	0	100	0.00	0.0	2.668	0.018	0	0	0	1
0734077	PL.40995	B	Consumer	7.27Y	121.2	0.00	4.78	0.12	0	1	0	100	0.00	0.0	2.668	0.000	1	0	1	1
PL.17435	PL.46083	B	4ACSR	7.29Y	121.4	0.00	4.57	0.74	1	5	2	93	0.00	0.0	2.507	0.005	0	0	0	3
PD.2200	PL.17435	B	fuse6AMP	7.29Y	121.4	0.00	4.57	0.74	13	5	2	93	0.00	0.0	2.507	0.000	0	0	0	3
PL.17436	PD.2200	B	4ACSR	7.29Y	121.4	0.00	4.57	0.74	1	5	2	93	0.00	0.0	2.518	0.012	0	0	0	3
073443	PL.17436	B	Consumer	7.29Y	121.4	0.00	4.57	0.17	0	1	0	100	0.00	0.0	2.518	0.000	1	0	1	1

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 073468, 073444, etc., and a section for Feeder No. 2 (HARDWICK2).

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.12728, PL.12729, PL.15310, PL.15309, OH28, SW29-B, PL.39520, PD.6953, PL.39521, 0745045, C PL.12730, 074533, 074532, PL.15307, PD.2115, PL.15308, 074531, C PL.12731, C PL.15304, P CP.37, C PL.21503, C PL.20088, PL.24465, 074541, C PL.12781.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 074518, 074527, C PL.12782, etc.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 075601, PL.12806, PL.26677, etc.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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 PL.12812 through PL.12816 with various conductor types and load data.

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

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.4346	PL.12816	A	1/0ACSR	7.41Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	1.899	0.131	0	0	0	0
		B		7.49Y	124.9	0.00	1.10	0.00	0	0	0	100					0	0	0	0
		C		7.37Y	122.8	0.00	3.24	0.00	0	0	0	100					0	0	0	0
PL.12817	PL.12816	A	1/0ACSR	7.41Y	123.4	0.05	2.56	35.34	18	242	100	92	1.92	0.2	1.962	0.193	0	0	0	58
		B		7.48Y	124.7	0.23	1.33	52.15	26	363	145	93					0	0	0	84
		C		7.35Y	122.4	0.34	3.58	84.57	42	576	238	92					0	0	0	128
075645	PL.12817	C	Consumer	7.35Y	122.4	0.00	3.58	0.17	0	1	1	71	0.00	0.0	1.962	0.000	1	1	1	1
PL.15225	PL.12817	A	1/0ACSR	7.41Y	123.4	0.00	2.56	35.34	18	242	100	92	0.05	0.0	1.967	0.005	0	0	0	58
		B		7.48Y	124.7	0.01	1.34	51.07	25	355	141	93					0	0	0	83
		C		7.34Y	122.4	0.01	3.59	80.99	40	550	227	92					0	0	0	120
PD.8-A	PL.15225	A	Closed	7.41Y	123.4	0.00	2.56	35.34	0	242	100	92	0.00	0.0	1.967	0.000	0	0	0	58
		B		7.48Y	124.7	0.00	1.34	51.07	0	355	141	93					0	0	0	83
		C		7.34Y	122.4	0.00	3.59	80.99	0	550	227	92					0	0	0	120
PD.8-B	PD.8-A	A	Closed	7.41Y	123.4	0.00	2.56	35.34	0	242	100	92	0.00	0.0	1.967	0.000	0	0	0	58
		B		7.48Y	124.7	0.00	1.34	51.07	0	355	141	93					0	0	0	83
		C		7.34Y	122.4	0.00	3.59	80.99	0	550	227	92					0	0	0	120
PL.15226	PD.8-B	A	1/0ACSR	7.40Y	123.4	0.06	2.61	35.34	18	242	100	92	1.84	0.2	2.165	0.198	0	0	0	58
		B		7.47Y	124.4	0.23	1.57	51.07	25	355	141	93					0	0	0	83
		C		7.33Y	122.1	0.33	3.92	80.99	40	550	227	92					0	0	0	120
PL.15227	PL.15226	C	4ACSR	7.33Y	122.1	0.00	3.92	0.86	1	6	2	95	0.00	0.0	2.170	0.005	0	0	0	2
PD.2207	PL.15227	C	fuse6AMP	7.33Y	122.1	0.00	3.92	0.86	15	6	2	95	0.00	0.0	2.170	0.000	0	0	0	2
PL.15228	PD.2207	C	4ACSR	7.32Y	122.1	0.00	3.92	0.86	1	6	2	95	0.00	0.0	2.226	0.056	0	0	0	2
075641	PL.15228	C	Consumer	7.32Y	122.1	0.00	3.92	0.01	0	0	0	100	0.00	0.0	2.226	0.000	0	0	1	1
075608	PL.15228	C	Consumer	7.32Y	122.1	0.00	3.92	0.85	0	6	2	95	0.00	0.0	2.226	0.000	6	2	1	1
PL.12818	PL.15226	A	1/0ACSR	7.40Y	123.4	0.03	2.65	32.62	16	223	92	92	1.38	0.1	2.318	0.153	0	0	0	54
		B		7.46Y	124.3	0.18	1.75	51.07	25	354	141	93					0	0	0	83
		C		7.31Y	121.8	0.25	4.17	80.13	40	543	223	93					0	0	0	118
076601	PL.12818	B	Consumer	7.46Y	124.3	0.00	1.75	0.76	0	5	2	93	0.00	0.0	2.318	0.000	5	2	1	1
PL.12819	PL.12818	A	1/0ACSR	7.40Y	123.3	0.00	2.65	32.62	16	223	92	92	0.16	0.0	2.336	0.018	0	0	0	54
		B		7.45Y	124.2	0.02	1.77	50.31	25	348	139	93					0	0	0	82
		C		7.31Y	121.8	0.03	4.20	80.13	40	542	222	93					0	0	0	118
PL.392	PL.12819	A	1/0ACSR	7.40Y	123.4	-0.00	2.65	17.68	9	120	52	92	0.22	0.0	2.362	0.026	0	0	0	26
		B		7.45Y	124.2	0.03	1.80	50.31	25	348	139	93					0	0	0	82
		C		7.31Y	121.8	0.04	4.24	80.13	40	542	222	93					0	0	0	118
PL.44256	PL.392	A	1/0ACSR	7.40Y	123.4	-0.00	2.65	17.68	9	120	52	92	0.19	0.0	2.384	0.022	0	0	0	26
		B		7.45Y	124.2	0.03	1.83	50.31	25	348	139	93					0	0	0	82
		C		7.30Y	121.7	0.04	4.27	80.13	40	542	221	93					0	0	0	118
PL.44257	PL.44256	A	1/0ACSR	7.40Y	123.3	0.01	2.65	6.99	3	48	19	93	0.21	0.0	2.453	0.069	0	0	0	11
		B		7.44Y	124.1	0.09	1.92	50.31	25	348	139	93					0	0	0	82
		C		7.30Y	121.7	0.01	4.28	23.73	12	161	64	93					0	0	0	32
PL.15089	PL.44257	C	4ACSR	7.30Y	121.7	0.00	4.29	3.91	3	27	10	94	0.00	0.0	2.459	0.006	0	0	0	6
PD.2249	PL.15089	C	fuse6AMP	7.30Y	121.7	0.00	4.29	3.91	67	27	10	94	0.00	0.0	2.459	0.000	0	0	0	6
PL.15090	PD.2249	C	4ACSR	7.30Y	121.7	0.02	4.31	3.91	3	27	10	94	0.00	0.0	2.570	0.112	0	0	0	6
076508	PL.15090	C	Consumer	7.30Y	121.7	0.00	4.31	0.46	0	3	1	95	0.00	0.0	2.570	0.000	3	1	1	1
PL.4946	PL.15090	C	4ACSR	7.30Y	121.7	0.01	4.31	3.45	3	23	9	93	0.00	0.0	2.612	0.041	0	0	0	5
PL.4505	PL.4946	C	4ACSR	7.30Y	121.7	0.00	4.31	0.55	0	4	1	97	0.00	0.0	2.626	0.014	0	0	0	1
PL.4337	PL.4505	C	4ACSR	7.30Y	121.7	0.00	4.31	0.55	0	4	1	97	0.00	0.0	2.685	0.059	0	0	0	1
076622	PL.4337	C	Consumer	7.30Y	121.7	0.00	4.31	0.55	0	4	1	97	0.00	0.0	2.685	0.000	4	1	1	1
PL.8283	PL.4946	C	4ACSR	7.30Y	121.7	0.01	4.32	2.90	2	20	8	93	0.00	0.0	2.684	0.072	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: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
076559	PL.8283	C	Consumer	7.30Y	121.7	0.00	4.32	1.08	0	7	3	92	0.00	0.0	2.684	0.000	7	3	1	1
PL.8284	PL.8283	C	4ACSR	7.30Y	121.7	0.00	4.32	1.82	2	12	5	92	0.00	0.0	2.685	0.001	0	0	0	3
PL.4724	PL.8284	C	4ACSR	7.30Y	121.7	0.01	4.33	1.82	2	12	5	92	0.00	0.0	2.755	0.070	0	0	0	3
076537	PL.4724	C	Consumer	7.30Y	121.7	0.00	4.33	0.18	0	1	0	100	0.00	0.0	2.755	0.000	1	0	1	1
076540	PL.4724	C	Consumer	7.30Y	121.7	0.00	4.33	0.56	0	4	1	97	0.00	0.0	2.755	0.000	4	1	1	1
PL.4725	PL.4724	C	4ACSR	7.30Y	121.7	0.00	4.33	1.08	1	7	3	92	0.00	0.0	2.809	0.054	0	0	0	1
076538	PL.4725	C	Consumer	7.30Y	121.7	0.00	4.33	1.08	0	7	3	92	0.00	0.0	2.809	0.000	7	3	1	1
PL.8285	PL.44257	A	1/0ACSR	7.40Y	123.3	0.01	2.67	6.99	3	48	19	93	0.33	0.1	2.573	0.120	0	0	0	11
		B		7.44Y	123.9	0.15	2.07	49.28	25	341	136	93					0	0	0	81
		C		7.30Y	121.7	0.01	4.29	19.82	10	135	53	93					0	0	0	26
PL.15093	PL.8285	A	4ACSR	7.40Y	123.3	0.00	2.67	1.57	1	11	4	94	0.00	0.0	2.577	0.004	0	0	0	2
PL.15094	PL.15093	A	4ACSR	7.40Y	123.3	0.00	2.67	1.57	1	11	4	94	0.00	0.0	2.641	0.065	0	0	0	2
PL.4947	PL.15094	A	4ACSR	7.40Y	123.3	0.00	2.67	0.91	1	6	2	95	0.00	0.0	2.687	0.045	0	0	0	1
076529	PL.4947	A	Consumer	7.40Y	123.3	0.00	2.67	0.91	0	6	2	95	0.00	0.0	2.687	0.000	6	2	1	1
076524	PL.15094	A	Consumer	7.40Y	123.3	0.00	2.67	0.66	0	5	2	93	0.00	0.0	2.641	0.000	5	2	1	1
PL.15091	PL.8285	C	4ACSR	7.30Y	121.7	0.00	4.29	1.25	1	9	3	95	0.00	0.0	2.579	0.005	0	0	0	2
PD.2250	PL.15091	C	fuse6AMP	7.30Y	121.7	0.00	4.29	1.25	21	9	3	95	0.00	0.0	2.579	0.000	0	0	0	2
PL.15092	PD.2250	C	4ACSR	7.30Y	121.7	0.00	4.29	1.25	1	9	3	95	0.00	0.0	2.617	0.038	0	0	0	2
076574	PL.15092	C	Consumer	7.30Y	121.7	0.00	4.29	0.75	0	5	2	93	0.00	0.0	2.617	0.000	5	2	1	1
076572	PL.15092	C	Consumer	7.30Y	121.7	0.00	4.29	0.50	0	3	1	95	0.00	0.0	2.617	0.000	3	1	1	1
076561	PL.8285	A	Consumer	7.40Y	123.3	0.00	2.67	0.74	0	5	2	93	0.00	0.0	2.573	0.000	5	2	1	1
076563	PL.8285	A	Consumer	7.40Y	123.3	0.00	2.67	0.99	0	7	3	92	0.00	0.0	2.573	0.000	7	3	1	1
PL.12823	PL.8285	A	1/0ACSR	7.40Y	123.3	0.00	2.67	3.68	2	25	10	93	0.16	0.0	2.630	0.056	0	0	0	7
		B		7.43Y	123.9	0.07	2.14	49.28	25	341	135	93					0	0	0	81
		C		7.30Y	121.7	0.00	4.29	18.56	9	126	50	93					0	0	0	24
076569	PL.12823	B	Consumer	7.43Y	123.9	0.00	2.14	0.55	0	4	1	97	0.00	0.0	2.630	0.000	4	1	1	1
076571	PL.12823	B	Consumer	7.43Y	123.9	0.00	2.14	0.00	0	0	0	100	0.00	0.0	2.630	0.000	0	0	0	0
PL.8288	PL.12823	A	1/0ACSR	7.40Y	123.3	0.00	2.67	3.68	2	25	10	93	0.11	0.0	2.672	0.042	0	0	0	7
		B		7.43Y	123.8	0.05	2.19	48.73	24	337	134	93					0	0	0	80
		C		7.30Y	121.7	0.00	4.29	18.56	9	126	50	93					0	0	0	24
PL.5015	PL.8288	C	4ACSR	7.30Y	121.7	0.01	4.30	2.53	2	17	7	92	0.00	0.0	2.721	0.049	0	0	0	3
076578	PL.5015	C	Consumer	7.30Y	121.7	0.00	4.30	0.00	0	0	0	100	0.00	0.0	2.721	0.000	0	0	0	0
076560	PL.5015	C	Consumer	7.30Y	121.7	0.00	4.30	0.00	0	0	0	100	0.00	0.0	2.721	0.000	0	0	0	0
PL.8280	PL.5015	C	4ACSR	7.30Y	121.7	0.00	4.30	2.53	2	17	7	92	0.00	0.0	2.739	0.018	0	0	0	3
076575	PL.8280	C	Consumer	7.30Y	121.7	0.00	4.30	0.98	0	7	3	92	0.00	0.0	2.739	0.000	7	3	1	1
PL.8281	PL.8280	C	4ACSR	7.30Y	121.7	0.00	4.30	1.55	1	11	4	94	0.00	0.0	2.759	0.020	0	0	0	2
076565	PL.8281	C	Consumer	7.30Y	121.7	0.00	4.30	0.65	0	4	2	89	0.00	0.0	2.759	0.000	4	2	1	1
076564	PL.8281	C	Consumer	7.30Y	121.7	0.00	4.30	0.91	0	6	2	95	0.00	0.0	2.759	0.000	6	2	1	1
076573	PL.8288	B	Consumer	7.43Y	123.8	0.00	2.19	0.20	0	1	1	71	0.00	0.0	2.672	0.000	1	1	1	1
076543	PL.8288	B	Consumer	7.43Y	123.8	0.00	2.19	1.15	0	8	3	94	0.00	0.0	2.672	0.000	8	3	1	1
076545	PL.8288	B	Consumer	7.43Y	123.8	0.00	2.19	0.37	0	3	1	95	0.00	0.0	2.672	0.000	3	1	1	1

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 076581, PL.8286, etc.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.15-A, PD.15-B, PL.15328, etc.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 076549, 076542, 076521, etc.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.5217	PL.35552	B	fuse6AMP	7.34Y	122.4	0.00	3.59	3.54	61	24	9	94	0.00	0.0	4.109	0.000	0	0	0	4
PL.35553	PD.5217	B	4ACSR	7.34Y	122.4	0.01	3.59	3.54	3	24	9	94	0.00	0.0	4.149	0.041	0	0	0	4
077524	PL.35553	B	Consumer	7.34Y	122.4	0.00	3.59	0.36	0	2	1	89	0.00	0.0	4.149	0.000	2	1	1	1
0775049	PL.35553	B	Consumer	7.34Y	122.4	0.00	3.59	0.00	0	0	0	100	0.00	0.0	4.149	0.000	0	0	0	0
077530	PL.35553	B	Consumer	7.34Y	122.4	0.00	3.59	1.11	0	8	3	94	0.00	0.0	4.149	0.000	8	3	1	1
0775050	PL.35553	B	Consumer	7.34Y	122.4	0.00	3.59	0.00	0	0	0	100	0.00	0.0	4.149	0.000	0	0	0	0
077534	PL.35553	B	Consumer	7.34Y	122.4	0.00	3.59	0.88	0	6	2	95	0.00	0.0	4.149	0.000	6	2	1	1
PL.4999	PL.35553	B	4ACSR	7.34Y	122.4	0.00	3.60	1.19	1	8	3	94	0.00	0.0	4.219	0.070	0	0	0	1
077527	PL.4999	B	Consumer	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	4.219	0.000	0	0	0	0
077543	PL.4999	B	Consumer	7.34Y	122.4	0.00	3.60	1.19	0	8	3	94	0.00	0.0	4.219	0.000	8	3	1	1
PL.8298	PL.15344	B	4ACSR	7.34Y	122.4	0.01	3.60	4.91	4	34	13	93	0.00	0.0	4.150	0.060	0	0	0	8
077540	PL.8298	B	Consumer	7.34Y	122.4	0.00	3.60	0.85	0	6	2	95	0.00	0.0	4.150	0.000	6	2	1	1
PL.12840	PL.8298	B	4ACSR	7.34Y	122.4	0.01	3.60	4.06	3	28	11	93	0.00	0.0	4.184	0.034	0	0	0	7
PL.15345	PL.12840	B	4ACSR	7.34Y	122.4	0.00	3.60	2.98	3	20	8	93	0.00	0.0	4.189	0.006	0	0	0	6
PL.15346	PL.15345	B	4ACSR	7.34Y	122.4	0.00	3.61	2.98	3	20	8	93	0.00	0.0	4.218	0.029	0	0	0	6
PL.12854	PL.15346	B	4ACSR	7.34Y	122.4	0.01	3.61	2.03	2	14	5	94	0.00	0.0	4.272	0.054	0	0	0	5
PL.12855	PL.12854	B	4ACSR	7.34Y	122.4	0.00	3.62	0.68	1	5	2	93	0.00	0.0	4.367	0.094	0	0	0	2
PL.12856	PL.12855	B	4ACSR	7.34Y	122.4	0.01	3.62	0.48	0	3	1	95	0.00	0.0	4.651	0.284	0	0	0	1
077521	PL.12856	B	Consumer	7.34Y	122.4	0.00	3.62	0.48	0	3	1	95	0.00	0.0	4.651	0.000	3	1	1	1
PL.35558	PL.12855	B	4ACSR	7.34Y	122.4	0.00	3.62	0.20	0	1	1	71	0.00	0.0	4.372	0.005	0	0	0	1
PD.5219	PL.35558	B	fuse6AMP	7.34Y	122.4	0.00	3.62	0.20	3	1	1	71	0.00	0.0	4.372	0.000	0	0	0	1
PL.35559	PD.5219	B	4ACSR	7.34Y	122.4	0.00	3.62	0.20	0	1	1	71	0.00	0.0	4.423	0.050	0	0	0	1
077533	PL.35559	B	Consumer	7.34Y	122.4	0.00	3.62	0.20	0	1	1	71	0.00	0.0	4.423	0.000	1	1	1	1
PL.35556	PL.12854	B	4ACSR	7.34Y	122.4	0.00	3.61	1.35	1	9	4	91	0.00	0.0	4.277	0.004	0	0	0	3
PD.5218	PL.35556	B	fuse6AMP	7.34Y	122.4	0.00	3.61	1.35	23	9	4	91	0.00	0.0	4.277	0.000	0	0	0	3
PL.35557	PD.5218	B	4ACSR	7.34Y	122.4	0.00	3.62	1.35	1	9	4	91	0.00	0.0	4.314	0.037	0	0	0	3
PL.12858	PL.35557	B	4ACSR	7.34Y	122.4	0.00	3.62	0.39	0	3	1	95	0.00	0.0	4.342	0.028	0	0	0	1
077505	PL.12858	B	Consumer	7.34Y	122.4	0.00	3.62	0.39	0	3	1	95	0.00	0.0	4.342	0.000	3	1	1	1
PL.45664	PL.35557	B	4ACSR	7.34Y	122.4	0.00	3.62	0.00	0	0	0	100	0.00	0.0	4.359	0.046	0	0	0	0
0775048	PL.45664	B	Consumer	7.34Y	122.4	0.00	3.62	0.00	0	0	0	100	0.00	0.0	4.359	0.000	0	0	0	0
PL.5022	PL.35557	B	4ACSR	7.34Y	122.4	0.00	3.62	0.96	1	7	3	92	0.00	0.0	4.346	0.032	0	0	0	2
PL.5024	PL.5022	B	4ACSR	7.34Y	122.4	0.00	3.62	0.91	1	6	2	95	0.00	0.0	4.384	0.038	0	0	0	1
077541	PL.5024	B	Consumer	7.34Y	122.4	0.00	3.62	0.91	0	6	2	95	0.00	0.0	4.384	0.000	6	2	1	1
077537	PL.5022	B	Consumer	7.34Y	122.4	0.00	3.62	0.05	0	0	0	100	0.00	0.0	4.346	0.000	0	0	1	1
077529	PL.15346	B	Consumer	7.34Y	122.4	0.00	3.61	0.96	0	7	3	92	0.00	0.0	4.218	0.000	7	3	1	1
PL.35554	PL.12840	B	4ACSR	7.34Y	122.4	0.00	3.60	1.07	1	7	3	92	0.00	0.0	4.188	0.004	0	0	0	1
PD.1143	PL.35554	B	fuse6AMP	7.34Y	122.4	0.00	3.60	1.07	18	7	3	92	0.00	0.0	4.188	0.000	0	0	0	1
PL.35555	PD.1143	B	4ACSR	7.34Y	122.4	0.00	3.61	1.07	1	7	3	92	0.00	0.0	4.272	0.084	0	0	0	1

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
077539	PL.35555	B	Consumer	7.34Y	122.4	0.00	3.61	1.07	0	7	3	92	0.00	0.0	4.272	0.000	7	3	1	1
077502	PL.15344	B	Consumer	7.34Y	122.4	0.00	3.58	0.38	0	3	1	95	0.00	0.0	4.090	0.000	3	1	1	1
077522	PL.15344	B	Consumer	7.34Y	122.4	0.00	3.58	0.73	0	5	2	93	0.00	0.0	4.090	0.000	5	2	1	1
077526	PL.15344	B	Consumer	7.34Y	122.4	0.00	3.58	0.42	0	3	1	95	0.00	0.0	4.090	0.000	3	1	1	1
077510	PL.15344	B	Consumer	7.34Y	122.4	0.00	3.58	0.61	0	4	2	89	0.00	0.0	4.090	0.000	4	2	1	1
PL.35550	PL.15344	B	4ACSR	7.34Y	122.4	0.00	3.58	1.49	1	10	4	93	0.00	0.0	4.101	0.011	0	0	0	2
PD.5216	PL.35550	B	fuse6AMP	7.34Y	122.4	0.00	3.58	1.49	25	10	4	93	0.00	0.0	4.101	0.000	0	0	0	2
PL.35551	PD.5216	B	4ACSR	7.34Y	122.4	0.01	3.59	1.49	1	10	4	93	0.00	0.0	4.221	0.120	0	0	0	2
PL.5001	PL.35551	B	4ACSR	7.34Y	122.4	0.00	3.60	1.19	1	8	3	94	0.00	0.0	4.292	0.071	0	0	0	1
077546	PL.5001	B	Consumer	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	4.292	0.000	0	0	0	0
077536	PL.5001	B	Consumer	7.34Y	122.4	0.00	3.60	1.19	0	8	3	94	0.00	0.0	4.292	0.000	8	3	1	1
077506	PL.35551	B	Consumer	7.34Y	122.4	0.00	3.59	0.30	0	2	1	89	0.00	0.0	4.221	0.000	2	1	1	1
PL.15340	PL.31918	B	4ACSR	7.35Y	122.5	0.00	3.52	15.69	13	107	42	93	0.00	0.0	3.982	0.005	0	0	0	29
PD.17-A	PL.15340	B	Closed	7.35Y	122.5	0.00	3.52	15.69	0	107	42	93	0.00	0.0	3.982	0.000	0	0	0	29
PD.17-B	PD.17-A	B	Closed	7.35Y	122.5	0.00	3.52	15.69	0	107	42	93	0.00	0.0	3.982	0.000	0	0	0	29
PL.15341	PD.17-B	B	4ACSR	7.35Y	122.5	0.00	3.53	15.69	13	107	42	93	0.00	0.0	3.987	0.005	0	0	0	29
PD.3441	PL.15341	B	50V4E	7.35Y	122.5	0.00	3.53	15.69	31	107	42	93	0.00	0.0	3.987	0.000	0	0	0	29
PL.15342	PD.3441	B	4ACSR	7.34Y	122.4	0.08	3.61	15.69	13	107	42	93	0.07	0.1	4.102	0.114	0	0	0	29
PL.12839	PL.15342	B	4ACSR	7.34Y	122.4	0.01	3.62	15.69	13	107	42	93	0.01	0.0	4.112	0.011	0	0	0	29
077532	PL.12839	B	Consumer	7.34Y	122.4	0.00	3.62	0.45	0	3	1	95	0.00	0.0	4.112	0.000	3	1	1	1
PL.34932	PL.12839	B	4ACSR	7.34Y	122.4	0.00	3.62	2.31	2	16	6	94	0.00	0.0	4.118	0.005	0	0	0	3
PD.5015	PL.34932	B	fuse6AMP	7.34Y	122.4	0.00	3.62	2.31	40	16	6	94	0.00	0.0	4.118	0.000	0	0	0	3
PL.34935	PD.5015	B	4ACSR	7.34Y	122.4	0.00	3.62	2.31	2	16	6	94	0.00	0.0	4.121	0.003	0	0	0	3
PL.34934	PL.34935	B	4ACSR	7.34Y	122.4	0.00	3.62	1.49	1	10	4	93	0.00	0.0	4.134	0.014	0	0	0	2
077523	PL.34934	B	Consumer	7.34Y	122.4	0.00	3.62	0.45	0	3	1	95	0.00	0.0	4.134	0.000	3	1	1	1
077519	PL.34934	B	Consumer	7.34Y	122.4	0.00	3.62	1.04	0	7	3	92	0.00	0.0	4.134	0.000	7	3	1	1
PL.34936	PL.34935	B	4ACSR	7.34Y	122.4	0.00	3.62	0.83	1	6	2	95	0.00	0.0	4.148	0.027	0	0	0	1
077520	PL.34936	B	Consumer	7.34Y	122.4	0.00	3.62	0.83	0	6	2	95	0.00	0.0	4.148	0.000	6	2	1	1
PL.12841	PL.12839	B	4ACSR	7.34Y	122.3	0.05	3.67	12.93	11	88	35	93	0.03	0.0	4.192	0.080	0	0	0	25
PL.12842	PL.12841	B	4ACSR	7.34Y	122.3	0.01	3.67	12.27	10	84	33	93	0.01	0.0	4.207	0.015	0	0	0	23
077428	PL.12842	B	Consumer	7.34Y	122.3	0.00	3.67	0.48	0	3	1	95	0.00	0.0	4.207	0.000	3	1	1	1
077406	PL.12842	B	Consumer	7.34Y	122.3	0.00	3.67	0.24	0	2	1	89	0.00	0.0	4.207	0.000	2	1	1	1
PL.12843	PL.12842	B	4ACSR	7.34Y	122.3	0.07	3.74	11.56	10	79	31	93	0.04	0.1	4.331	0.124	0	0	0	21
PL.34939	PL.12843	B	4ACSR	7.34Y	122.3	0.00	3.74	1.63	1	11	4	94	0.00	0.0	4.337	0.005	0	0	0	3
PD.5017	PL.34939	B	fuse6AMP	7.34Y	122.3	0.00	3.74	1.63	28	11	4	94	0.00	0.0	4.337	0.000	0	0	0	3
PL.34940	PD.5017	B	4ACSR	7.34Y	122.3	0.00	3.74	1.63	1	11	4	94	0.00	0.0	4.373	0.037	0	0	0	3
PL.4997	PL.34940	B	4ACSR	7.34Y	122.3	0.00	3.74	0.29	0	2	1	89	0.00	0.0	4.433	0.060	0	0	0	1
077423	PL.4997	B	Consumer	7.34Y	122.3	0.00	3.74	0.29	0	2	1	89	0.00	0.0	4.433	0.000	2	1	1	1

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
077407	PL.34940	B	Consumer	7.34Y	122.3	0.00	3.74	1.34	0	9	4	91	0.00	0.0	4.373	0.000	9	4	1	1
077411	PL.34940	B	Consumer	7.34Y	122.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	4.373	0.000	0	0	1	1
PL.12844	PL.12843	B	4ACSR	7.33Y	122.2	0.08	3.82	9.93	8	68	27	93	0.04	0.1	4.499	0.167	0	0	0	17
PL.34945	PL.12844	B	4ACSR	7.33Y	122.2	0.00	3.82	1.03	1	7	3	92	0.00	0.0	4.509	0.011	0	0	0	3
PD.5020	PL.34945	B	fuse6AMP	7.33Y	122.2	0.00	3.82	1.03	18	7	3	92	0.00	0.0	4.509	0.000	0	0	0	3
PL.34946	PD.5020	B	4ACSR	7.33Y	122.2	0.01	3.82	1.03	1	7	3	92	0.00	0.0	4.622	0.112	0	0	0	3
PL.5002	PL.34946	B	4ACSR	7.33Y	122.2	0.01	3.83	1.03	1	7	3	92	0.00	0.0	4.823	0.202	0	0	0	3
PL.8296	PL.5002	B	4ACSR	7.33Y	122.2	0.00	3.84	1.03	1	7	3	92	0.00	0.0	4.918	0.095	0	0	0	3
077402	PL.8296	B	Consumer	7.33Y	122.2	0.00	3.84	0.45	0	3	1	95	0.00	0.0	4.918	0.000	3	1	1	1
077437	PL.8296	B	Consumer	7.33Y	122.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	4.918	0.000	0	0	1	1
PL.8297	PL.8296	B	4ACSR	7.33Y	122.2	0.00	3.84	0.59	0	4	2	89	0.00	0.0	5.034	0.116	0	0	0	1
077401	PL.8297	B	Consumer	7.33Y	122.2	0.00	3.84	0.59	0	4	2	89	0.00	0.0	5.034	0.000	4	2	1	1
PL.4994	PL.34946	B	4ACSR	7.33Y	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	4.741	0.119	0	0	0	0
PL.12845	PL.12844	B	4ACSR	7.33Y	122.2	0.03	3.85	8.89	7	61	24	93	0.01	0.0	4.577	0.078	0	0	0	14
PL.15347	PL.12845	B	4ACSR	7.33Y	122.2	0.00	3.85	1.05	1	7	3	92	0.00	0.0	4.582	0.005	0	0	0	1
PD.1144	PL.15347	B	fuse6AMP	7.33Y	122.2	0.00	3.85	1.05	18	7	3	92	0.00	0.0	4.582	0.000	0	0	0	1
PL.15295	PD.1144	B	4ACSR	7.33Y	122.1	0.01	3.86	1.05	1	7	3	92	0.00	0.0	4.787	0.204	0	0	0	1
077418	PL.15295	B	Consumer	7.33Y	122.1	0.00	3.86	0.00	0	0	0	100	0.00	0.0	4.787	0.000	0	0	0	0
077426	PL.15295	B	Consumer	7.33Y	122.1	0.00	3.86	1.05	0	7	3	92	0.00	0.0	4.787	0.000	7	3	1	1
PL.34949	PL.12845	B	4ACSR	7.33Y	122.1	0.00	3.85	6.53	5	45	17	94	0.00	0.0	4.587	0.010	0	0	0	11
PD.5022-A	PL.34949	B	Closed	7.33Y	122.1	0.00	3.85	6.53	0	45	17	94	0.00	0.0	4.587	0.000	0	0	0	11
PD.5022-B	PD.5022-A	B	Closed	7.33Y	122.1	0.00	3.85	6.53	0	45	17	94	0.00	0.0	4.587	0.000	0	0	0	11
PL.34950	PD.5022-B	B	4ACSR	7.33Y	122.1	0.05	3.90	6.53	5	45	17	94	0.02	0.0	4.748	0.161	0	0	0	11
PL.5025	PL.34950	B	4ACSR	7.33Y	122.1	0.01	3.91	1.35	1	9	4	91	0.00	0.0	4.870	0.122	0	0	0	1
077433	PL.5025	B	Consumer	7.33Y	122.1	0.00	3.91	1.35	0	9	4	91	0.00	0.0	4.870	0.000	9	4	1	1
PL.12847	PL.34950	B	4ACSR	7.33Y	122.1	0.01	3.90	5.18	4	35	14	93	0.00	0.0	4.770	0.022	0	0	0	10
PL.12848	PL.12847	B	4ACSR	7.32Y	122.1	0.01	3.92	4.47	4	31	12	93	0.00	0.0	4.836	0.066	0	0	0	9
077425	PL.12848	B	Consumer	7.32Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	4.836	0.000	0	0	0	0
077427	PL.12848	B	Consumer	7.32Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	4.836	0.000	0	0	0	0
077429	PL.12848	B	Consumer	7.32Y	122.1	0.00	3.92	0.38	0	3	1	95	0.00	0.0	4.836	0.000	3	1	1	1
PL.12849	PL.12848	B	4ACSR	7.32Y	122.1	0.01	3.93	4.09	3	28	11	93	0.00	0.0	4.883	0.046	0	0	0	8
PL.12850	PL.12849	B	4ACSR	7.32Y	122.1	0.00	3.93	4.09	3	28	11	93	0.00	0.0	4.907	0.024	0	0	0	8
PL.12851	PL.12850	B	4ACSR	7.32Y	122.1	0.00	3.94	3.46	3	24	9	94	0.00	0.0	4.937	0.030	0	0	0	6
077435	PL.12851	B	Consumer	7.32Y	122.1	0.00	3.94	0.61	0	4	2	89	0.00	0.0	4.937	0.000	4	2	1	1
077430	PL.12851	B	Consumer	7.32Y	122.1	0.00	3.94	0.32	0	2	1	89	0.00	0.0	4.937	0.000	2	1	1	1
PL.12852	PL.12851	B	4ACSR	7.32Y	122.1	0.00	3.94	2.53	2	17	7	92	0.00	0.0	4.963	0.026	0	0	0	4
PL.12853	PL.12852	B	4ACSR	7.32Y	122.0	0.01	3.95	1.66	1	11	4	94	0.00	0.0	5.126	0.163	0	0	0	3
078405	PL.12853	B	Consumer	7.32Y	122.0	0.00	3.95	0.82	0	6	2	95	0.00	0.0	5.126	0.000	6	2	1	1

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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' with a base voltage of 120.0.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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							
076531	PL.4721	A	Consumer	7.40Y	123.3	0.00	2.75	1.02	0	7	3	92	0.00	0.0	3.691	0.000	7	3	1	1
PL.12859	PL.4721	A	4ACSR	7.40Y	123.3	0.00	2.75	0.00	0	0	0	100	0.00	0.0	3.784	0.092	0	0	0	0
PL.12860	PL.12859	A	4ACSR	7.40Y	123.3	0.00	2.75	0.00	0	0	0	100	0.00	0.0	3.841	0.057	0	0	0	0
PL.15329	PL.12650	C	4ACSR	7.31Y	121.8	0.00	4.19	5.73	5	39	15	93	0.00	0.0	3.415	0.005	0	0	0	9
C PD.2257	PL.15329	C	fuse6AMP	7.31Y	121.8	0.00	4.19	5.73	98	39	15	93	0.00	0.0	3.415	0.000	0	0	0	9 C
PL.15330	PD.2257	C	4ACSR	7.31Y	121.8	0.02	4.20	5.73	5	39	15	93	0.00	0.0	3.474	0.059	0	0	0	9
076526	PL.15330	C	Consumer	7.31Y	121.8	0.00	4.20	0.58	0	4	2	89	0.00	0.0	3.474	0.000	4	2	1	1
PL.8255	PL.15330	C	4ACSR	7.31Y	121.8	0.00	4.20	5.15	4	35	14	93	0.00	0.0	3.475	0.001	0	0	0	8
PL.19220	PL.8255	C	4ACSR	7.31Y	121.8	0.01	4.21	5.15	4	35	14	93	0.00	0.0	3.514	0.040	0	0	0	8
PL.19221	PL.19220	C	4ACSR	7.31Y	121.8	0.01	4.22	3.24	3	22	9	93	0.00	0.0	3.566	0.052	0	0	0	6
076539	PL.19221	C	Consumer	7.31Y	121.8	0.00	4.22	0.74	0	5	2	93	0.00	0.0	3.566	0.000	5	2	1	1
076551	PL.19221	C	Consumer	7.31Y	121.8	0.00	4.22	0.00	0	0	0	100	0.00	0.0	3.566	0.000	0	0	1	1
076534	PL.19221	C	Consumer	7.31Y	121.8	0.00	4.22	0.67	0	5	2	93	0.00	0.0	3.566	0.000	5	2	1	1
076544	PL.19221	C	Consumer	7.31Y	121.8	0.00	4.22	0.62	0	4	2	89	0.00	0.0	3.566	0.000	4	2	1	1
PL.5017	PL.19221	C	4ACSR	7.31Y	121.8	0.00	4.23	1.21	1	8	3	94	0.00	0.0	3.631	0.064	0	0	0	2
PL.5019	PL.5017	C	4ACSR	7.31Y	121.8	0.00	4.23	0.71	1	5	2	93	0.00	0.0	3.687	0.057	0	0	0	1
0765079	PL.5019	C	Consumer	7.31Y	121.8	0.00	4.23	0.71	0	5	2	93	0.00	0.0	3.687	0.000	5	2	1	1
076576	PL.5017	C	Consumer	7.31Y	121.8	0.00	4.23	0.50	0	3	1	95	0.00	0.0	3.631	0.000	3	1	1	1
076536	PL.19220	C	Consumer	7.31Y	121.8	0.00	4.21	0.94	0	6	3	89	0.00	0.0	3.514	0.000	6	3	1	1
076552	PL.19220	C	Consumer	7.31Y	121.8	0.00	4.21	0.96	0	7	3	92	0.00	0.0	3.514	0.000	7	3	1	1
076533	PL.8256	B	Consumer	7.38Y	123.0	0.00	2.97	0.47	0	3	1	95	0.00	0.0	3.369	0.000	3	1	1	1
076502	PL.12649	B	Consumer	7.39Y	123.1	0.00	2.87	0.43	0	3	1	95	0.00	0.0	3.278	0.000	3	1	1	1
076512	PL.12649	B	Consumer	7.39Y	123.1	0.00	2.87	0.46	0	3	1	95	0.00	0.0	3.278	0.000	3	1	1	1
PL.4722	PL.17437	A	1/0ACSR	7.40Y	123.3	0.00	2.69	0.27	0	2	1	89	0.00	0.0	3.014	0.021	0	0	0	2
		B		7.41Y	123.4	-0.00	2.56	0.00	0	0	0	100			0	0	0	0	0	
		C		7.30Y	121.7	0.00	4.27	0.00	0	0	0	100			0	0	0	0	0	
PL.15321	PL.4722	A	4ACSR	7.40Y	123.3	0.00	2.69	0.27	0	2	1	89	0.00	0.0	3.020	0.005	0	0	0	2
PD.1763	PL.15321	A	fuse6AMP	7.40Y	123.3	0.00	2.69	0.27	5	2	1	89	0.00	0.0	3.020	0.000	0	0	0	2
PL.15322	PD.1763	A	4ACSR	7.40Y	123.3	0.00	2.69	0.27	0	2	1	89	0.00	0.0	3.066	0.047	0	0	0	2
076530	PL.15322	A	Consumer	7.40Y	123.3	0.00	2.69	0.27	0	2	1	89	0.00	0.0	3.066	0.000	2	1	1	1
076541	PL.15322	A	Consumer	7.40Y	123.3	0.00	2.69	0.00	0	0	0	100	0.00	0.0	3.066	0.000	0	0	1	1
PL.24723	PL.20509	A	2ACSR	7.40Y	123.3	0.00	2.69	0.04	0	0	0	100	0.00	0.0	2.959	0.019	0	0	0	0
		B		7.41Y	123.5	0.00	2.50	0.04	0	0	0	90			0	0	0	0	0	
		C		7.30Y	121.7	0.00	4.28	0.04	0	0	0	90			0	0	0	0	0	
PL.24724	PL.24723	A	2ACSR	7.40Y	123.3	0.00	2.69	0.04	0	0	0	100	0.00	0.0	2.979	0.019	0	0	0	0
		B		7.41Y	123.5	0.00	2.50	0.04	0	0	0	90			0	0	0	0	0	
		C		7.30Y	121.7	0.00	4.28	0.04	0	0	0	90			0	0	0	0	0	
076553	PL.24724	A	Consumer	7.40Y	123.3	0.00	2.69	0.04	0	0	0	100	0.00	0.0	2.979	0.000	0	0	0	0
		B		7.41Y	123.5	0.00	2.50	0.04	0	0	0	90			0	0	0	0	0	
		C		7.30Y	121.7	0.00	4.28	0.04	0	0	0	90			0	0	0	0	0	
0765085	PL.33666	C	Consumer	7.30Y	121.7	0.00	4.29	0.65	0	4	2	89	0.00	0.0	2.870	0.000	4	2	1	1
076535	PL.8287	C	Consumer	7.30Y	121.7	0.00	4.29	0.01	0	0	0	100	0.00	0.0	2.799	0.000	0	0	1	1

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 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.8226	PL.8225	C	4ACSR	7.23Y	120.4	0.00	5.57	1.72	1	12	5	92	0.00	0.0	3.280	0.054	0	0	0	3
PL.4545	PL.8226	C	4ACSR	7.23Y	120.4	0.00	5.58	0.66	1	4	2	89	0.00	0.0	3.327	0.047	0	0	0	1
076626	PL.4545	C	Consumer	7.23Y	120.4	0.00	5.58	0.66	0	4	2	89	0.00	0.0	3.327	0.000	4	2	1	1
076627	PL.8226	C	Consumer	7.23Y	120.4	0.00	5.57	0.67	0	5	2	93	0.00	0.0	3.280	0.000	5	2	1	1
PL.4546	PL.8226	C	4ACSR	7.23Y	120.4	0.00	5.58	0.39	0	3	1	95	0.00	0.0	3.373	0.094	0	0	0	1
PL.4547	PL.4546	C	4ACSR	7.23Y	120.4	0.00	5.58	0.39	0	3	1	95	0.00	0.0	3.458	0.084	0	0	0	1
076634	PL.4547	C	Consumer	7.23Y	120.4	0.00	5.58	0.39	0	3	1	95	0.00	0.0	3.458	0.000	3	1	1	1
076624	PL.8225	C	Consumer	7.23Y	120.4	0.00	5.57	0.28	0	2	1	89	0.00	0.0	3.225	0.000	2	1	1	1
076615	PL.44281	C	Consumer	7.23Y	120.4	0.00	5.56	0.63	0	4	2	89	0.00	0.0	3.166	0.000	4	2	1	1
PL.44274	PL.44275	A C	2ACSR	7.41Y 7.22Y	123.5 120.4	-0.01 0.05	2.53 5.61	5.68 52.49	4 34	37 351	19 144	89 92	0.13 0.0	0.0	3.096	0.030	0 0	0 0	0 0	5 79
PL.44294	PL.44274	A C	2ACSR	7.41Y 7.22Y	123.5 120.3	-0.01 0.06	2.52 5.67	5.68 52.49	4 34	37 351	19 144	89 92	0.14 0.0	0.0	3.129	0.033	0 0	0 0	0 0	5 79
PL.44293	PL.44294	A C	2ACSR	7.41Y 7.21Y	123.5 120.2	-0.02 0.11	2.51 5.78	5.26 52.49	3 34	34 351	18 144	88 92	0.27 0.1	0.1	3.192	0.063	0 0	0 0	0 0	4 79
076619	PL.44293	A	Consumer	7.41Y	123.5	0.00	2.51	0.65	0	4	2	89	0.00	0.0	3.192	0.000	4	2	1	1
PL.44291	PL.44293	A C	2ACSR	7.41Y 7.21Y	123.5 120.1	-0.02 0.14	2.49 5.91	4.62 52.49	3 34	30 350	17 144	87 92	0.34 0.1	0.1	3.269	0.077	0 0	0 0	0 0	3 79
PL.44285	PL.44291	A C	2ACSR	7.41Y 7.20Y	123.5 120.0	-0.02 0.13	2.47 6.04	4.62 52.49	3 34	30 350	17 144	87 93	0.33 0.1	0.1	3.346	0.076	0 0	0 0	0 0	3 79
PD.8409-A	PL.44285	A	Closed	7.41Y	123.5	0.00	2.47	0.00	0	0	0	100	0.00	0.0	3.346	0.000	0	0	0	0
PD.8409-B	PD.8409-A	A	Closed	7.41Y	123.5	0.00	2.47	0.00	0	0	0	100	0.00	0.0	3.346	0.000	0	0	0	0
PL.44348	PL.44285	C	4ACSR	7.17Y	119.5	0.50	6.54	48.50	41	324	129	93	1.26	0.4	3.570	0.225	0	0	0	77
PL.44343	PL.44348	C	4ACSR	7.17Y	119.5	0.00	6.54	0.52	0	3	1	95	0.00	0.0	3.575	0.005	0	0	0	1
PL.44340	PL.44343	C	4ACSR	7.17Y	119.5	0.00	6.55	0.52	0	3	1	95	0.00	0.0	3.681	0.106	0	0	0	1
PL.17438	PL.44340	C	4ACSR	7.17Y	119.5	0.00	6.55	0.00	0	0	0	100	0.00	0.0	3.687	0.005	0	0	0	0
PD.8406	PL.17438	C	fuse6AMP	7.17Y	119.5	0.00	6.55	0.00	0	0	0	100	0.00	0.0	3.687	0.000	0	0	0	0
PL.17439	PD.8406	C	4ACSR	7.17Y	119.5	0.00	6.55	0.00	0	0	0	100	0.00	0.0	3.761	0.074	0	0	0	0
076612	PL.17439	C	Consumer	7.17Y	119.5	0.00	6.55	0.00	0	0	0	100	0.00	0.0	3.761	0.000	0	0	0	0
076610	PL.17439	C	Consumer	7.17Y	119.5	0.00	6.55	0.00	0	0	0	100	0.00	0.0	3.761	0.000	0	0	0	0
PL.15215	PL.44340	C	4ACSR	7.17Y	119.5	0.00	6.55	0.00	0	0	0	100	0.00	0.0	3.687	0.006	0	0	0	0
PD.8408	PL.15215	C	fuse6AMP	7.17Y	119.5	0.00	6.55	0.00	0	0	0	100	0.00	0.0	3.687	0.000	0	0	0	0
PL.15214	PD.8408	C	4ACSR	7.17Y	119.5	0.00	6.55	0.00	0	0	0	100	0.00	0.0	3.844	0.157	0	0	0	0
PL.15218	PL.15214	C	4ACSR	7.17Y	119.5	0.00	6.55	0.00	0	0	0	100	0.00	0.0	4.423	0.579	0	0	0	0
PL.15220	PL.15218	C	4ACSR	7.17Y	119.5	0.00	6.55	0.00	0	0	0	100	0.00	0.0	4.428	0.005	0	0	0	0
PL.44165	PL.15220	C	4ACSR	7.17Y	119.5	0.00	6.55	0.00	0	0	0	100	0.00	0.0	4.539	0.111	0	0	0	0
PD.516-B	PL.44165	C	Open	7.17Y	119.5	0.00	6.55	0.00	0	0	0	100	0.00	0.0	4.539	0.000	0	0	0	0
PL.15216	PL.15214	C	4ACSR	7.17Y	119.5	0.00	6.55	0.00	0	0	0	100	0.00	0.0	3.849	0.005	0	0	0	0
PL.15217	PL.15216	C	4ACSR	7.17Y	119.5	0.00	6.55	0.00	0	0	0	100	0.00	0.0	3.878	0.029	0	0	0	0
076633	PL.44340	C	Consumer	7.17Y	119.5	0.00	6.55	0.52	0	3	1	95	0.00	0.0	3.681	0.000	3	1	1	1
PL.44344	PL.44348	C	4ACSR	7.13Y	118.8	0.61	7.15	47.98	40	320	127	93	1.52	0.5	3.846	0.276	0	0	0	76

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
076635	PL.44344	C	Consumer	7.13Y	118.8	0.00	7.15	0.07	0	0	0	100	0.00	0.0	3.846	0.000	0	0	1	1
PL.38992	PL.44344	C	4ACSR	7.13Y	118.8	0.01	7.16	47.91	40	318	125	93	0.03	0.0	3.852	0.006	0	0	0	75
PL.44162	PL.38992	C	4ACSR	7.13Y	118.8	0.03	7.19	47.91	40	318	125	93	0.07	0.0	3.866	0.014	0	0	0	75
C PD.3432	PL.44162	C	50V4E	7.13Y	118.8	0.00	7.19	47.91	96	318	125	93	0.00	0.0	3.866	0.000	0	0	0	75 C
PL.44163	PD.3432	C	4ACSR	7.12Y	118.6	0.16	7.35	47.91	40	318	125	93	0.40	0.1	3.938	0.073	0	0	0	75
076611	PL.44163	C	Consumer	7.12Y	118.6	0.00	7.35	0.56	0	4	1	97	0.00	0.0	3.938	0.000	4	1	1	1
PL.12863	PL.44163	C	4ACSR	7.11Y	118.4	0.21	7.56	47.35	40	314	124	93	0.51	0.2	4.033	0.095	0	0	0	74
PL.8222	PL.12863	C	4ACSR	7.08Y	118.0	0.39	7.95	45.57	38	301	119	93	0.93	0.3	4.220	0.188	0	0	0	72
076703	PL.8222	C	Consumer	7.08Y	118.0	0.00	7.95	0.71	0	5	2	93	0.00	0.0	4.220	0.000	5	2	1	1
076711	PL.8222	C	Consumer	7.08Y	118.0	0.00	7.95	0.37	0	2	1	89	0.00	0.0	4.220	0.000	2	1	1	1
L PL.12864	PL.8222	C	4ACSR	7.08Y	118.0	0.09	8.04	44.49	37	293	115	93	0.21	0.1	4.266	0.045	0	0	0	70 L
L PL.15210	PL.12864	C	4ACSR	7.08Y	118.0	0.00	8.04	2.82	2	19	7	94	0.00	0.0	4.271	0.006	0	0	0	5 L
L PD.2213	PL.15210	C	fuse6AMP	7.08Y	118.0	0.00	8.04	2.82	48	19	7	94	0.00	0.0	4.271	0.000	0	0	0	5 L
L PL.15211	PD.2213	C	4ACSR	7.08Y	117.9	0.01	8.05	2.82	2	19	7	94	0.00	0.0	4.329	0.058	0	0	0	5 L
L PL.8223	PL.15211	C	4ACSR	7.08Y	117.9	0.00	8.06	1.80	2	12	5	92	0.00	0.0	4.364	0.035	0	0	0	3 L
L PL.8224	PL.8223	C	4ACSR	7.08Y	117.9	0.00	8.06	0.49	0	3	1	95	0.00	0.0	4.415	0.051	0	0	0	1 L
L 076718	PL.8224	C	Consumer	7.08Y	117.9	0.00	8.06	0.49	0	3	1	95	0.00	0.0	4.415	0.000	3	1	1	1 L
L 076728	PL.8224	C	Consumer	7.08Y	117.9	0.00	8.06	0.00	0	0	0	100	0.00	0.0	4.415	0.000	0	0	0	0 L
L 076736	PL.8224	C	Consumer	7.08Y	117.9	0.00	8.06	0.00	0	0	0	100	0.00	0.0	4.415	0.000	0	0	0	0 L
L 076740	PL.8224	C	Consumer	7.08Y	117.9	0.00	8.06	0.00	0	0	0	100	0.00	0.0	4.415	0.000	0	0	0	0 L
L 076725	PL.8223	C	Consumer	7.08Y	117.9	0.00	8.06	0.59	0	4	2	89	0.00	0.0	4.364	0.000	4	2	1	1 L
L 076709	PL.8223	C	Consumer	7.08Y	117.9	0.00	8.06	0.72	0	5	2	93	0.00	0.0	4.364	0.000	5	2	1	1 L
L 076730	PL.15211	C	Consumer	7.08Y	117.9	0.00	8.05	0.47	0	3	1	95	0.00	0.0	4.329	0.000	3	1	1	1 L
L 076743	PL.15211	C	Consumer	7.08Y	117.9	0.00	8.05	0.55	0	4	1	97	0.00	0.0	4.329	0.000	4	1	1	1 L
L PL.12865	PL.12864	C	4ACSR	7.05Y	117.5	0.44	8.49	41.67	35	274	108	93	0.96	0.3	4.497	0.231	0	0	0	65 L
L PL.15208	PL.12865	C	4ACSR	7.05Y	117.5	0.00	8.49	4.23	4	28	11	93	0.00	0.0	4.502	0.006	0	0	0	8 L
L PD.2214	PL.15208	C	fuse6AMP	7.05Y	117.5	0.00	8.49	4.23	72	28	11	93	0.00	0.0	4.502	0.000	0	0	0	8 L
L PL.15209	PD.2214	C	4ACSR	7.05Y	117.5	0.01	8.50	4.23	4	28	11	93	0.00	0.0	4.569	0.066	0	0	0	8 L
L PL.4540	PL.15209	C	4ACSR	7.05Y	117.5	0.00	8.50	0.00	0	0	0	100	0.00	0.0	4.679	0.110	0	0	0	0 L
L PL.4541	PL.4540	C	4ACSR	7.05Y	117.5	0.00	8.50	0.00	0	0	0	100	0.00	0.0	4.750	0.071	0	0	0	0 L
L PL.4539	PL.15209	C	4ACSR	7.05Y	117.5	0.00	8.50	4.23	4	28	11	93	0.00	0.0	4.582	0.013	0	0	0	8 L
L 076715	PL.4539	C	Consumer	7.05Y	117.5	0.00	8.50	0.24	0	2	1	89	0.00	0.0	4.582	0.000	2	1	1	1 L
L 076733	PL.4539	C	Consumer	7.05Y	117.5	0.00	8.50	0.91	0	6	2	95	0.00	0.0	4.582	0.000	6	2	1	1 L
L PL.4536	PL.4539	C	4ACSR	7.05Y	117.5	0.00	8.51	3.08	3	20	8	93	0.00	0.0	4.605	0.024	0	0	0	6 L
L PL.4538	PL.4536	C	4ACSR	7.05Y	117.5	0.00	8.51	1.21	1	8	3	94	0.00	0.0	4.644	0.039	0	0	0	2 L
L 076738	PL.4538	C	Consumer	7.05Y	117.5	0.00	8.51	0.50	0	3	1	95	0.00	0.0	4.644	0.000	3	1	1	1 L
L 076745	PL.4538	C	Consumer	7.05Y	117.5	0.00	8.51	0.71	0	5	2	93	0.00	0.0	4.644	0.000	5	2	1	1 L
L 076737	PL.4538	C	Consumer	7.05Y	117.5	0.00	8.51	0.00	0	0	0	100	0.00	0.0	4.644	0.000	0	0	0	0 L

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 electrical elements and their properties.

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

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	KVAR	% PF	kW Loss							% Loss	
L PL.12883	PL.19410	C	4ACSR	6.96Y	116.0	0.02	10.02	7.97	7	52	20	93	0.01	0.0	5.852	0.056	0	0	0	16	L
L PL.4704	PL.12883	C	4ACSR	6.96Y	116.0	0.00	10.02	0.00	0	0	0	100	0.00	0.0	5.904	0.052	0	0	0	0	L
L 077821	PL.4704	C	Consumer	6.96Y	116.0	0.00	10.02	0.00	0	0	0	100	0.00	0.0	5.904	0.000	0	0	0	0	L
L PL.30935	PL.12883	C	4ACSR	6.96Y	116.0	0.01	10.04	7.97	7	52	20	93	0.01	0.0	5.885	0.033	0	0	0	16	L
L PL.30936	PL.30935	C	4ACSR	6.96Y	116.0	0.01	10.05	7.05	6	46	18	93	0.00	0.0	5.925	0.040	0	0	0	15	L
L PL.12885	PL.30936	C	4ACSR	6.95Y	115.9	0.04	10.09	6.07	5	39	15	93	0.01	0.0	6.081	0.156	0	0	0	13	L
L 077840	PL.12885	C	Consumer	6.95Y	115.9	0.00	10.09	0.00	0	0	0	100	0.00	0.0	6.081	0.000	0	0	0	0	L
L PL.39001	PL.12885	C	4ACSR	6.95Y	115.9	0.02	10.11	3.14	3	20	8	93	0.00	0.0	6.232	0.152	0	0	0	7	L
L PL.39002	PL.39001	C	4ACSR	6.95Y	115.9	0.01	10.12	2.72	2	18	7	93	0.00	0.0	6.307	0.074	0	0	0	6	L
L PL.15183	PL.39002	C	4ACSR	6.95Y	115.9	0.01	10.14	2.72	2	18	7	93	0.00	0.0	6.409	0.102	0	0	0	6	L
L PD.13-A	PL.15183	C	Closed	6.95Y	115.9	0.00	10.14	2.72	0	18	7	93	0.00	0.0	6.409	0.000	0	0	0	6	L
L PD.13-B	PD.13-A	C	Closed	6.95Y	115.9	0.00	10.14	2.72	0	18	7	93	0.00	0.0	6.409	0.000	0	0	0	6	L
L PL.15184	PD.13-B	C	4ACSR	6.95Y	115.9	0.00	10.14	2.72	2	18	7	93	0.00	0.0	6.415	0.006	0	0	0	6	L
L PL.12890	PL.15184	C	4ACSR	6.95Y	115.9	0.01	10.15	2.01	2	13	5	93	0.00	0.0	6.519	0.104	0	0	0	5	L
L PL.25298	PL.12890	C	4ACSR	6.95Y	115.8	0.01	10.15	2.01	2	13	5	93	0.00	0.0	6.584	0.066	0	0	0	5	L
L PL.12891	PL.25298	C	4ACSR	6.95Y	115.8	0.01	10.16	1.56	1	10	4	93	0.00	0.0	6.697	0.113	0	0	0	4	L
L PL.39010	PL.12891	C	4ACSR	6.95Y	115.8	0.00	10.16	0.59	0	4	2	89	0.00	0.0	6.709	0.012	0	0	0	1	L
L PD.6810	PL.39010	C	fuse6AMP	6.95Y	115.8	0.00	10.16	0.59	10	4	2	89	0.00	0.0	6.709	0.000	0	0	0	1	L
L PL.39011	PD.6810	C	4ACSR	6.95Y	115.8	0.00	10.16	0.59	0	4	2	89	0.00	0.0	6.788	0.080	0	0	0	1	L
L 078803	PL.39011	C	Consumer	6.95Y	115.8	0.00	10.16	0.59	0	4	2	89	0.00	0.0	6.788	0.000	4	2	1	1	L
L PL.12892	PL.12891	C	4ACSR	6.95Y	115.8	0.01	10.18	0.96	1	6	2	95	0.00	0.0	7.027	0.330	0	0	0	3	L
L PL.25296	PL.12892	C	4ACSR	6.95Y	115.8	0.00	10.18	0.82	1	5	2	93	0.00	0.0	7.106	0.079	0	0	0	2	L
L PL.25297	PL.25296	C	4ACSR	6.95Y	115.8	0.00	10.18	0.82	1	5	2	93	0.00	0.0	7.233	0.127	0	0	0	2	L
L PL.25294	PL.25297	C	4ACSR	6.95Y	115.8	0.00	10.18	0.53	0	3	1	95	0.00	0.0	7.312	0.079	0	0	0	1	L
L PL.25295	PL.25294	C	4ACSR	6.95Y	115.8	0.00	10.19	0.53	0	3	1	95	0.00	0.0	7.446	0.134	0	0	0	1	L
L 077913	PL.25295	C	Consumer	6.95Y	115.8	0.00	10.19	0.53	0	3	1	95	0.00	0.0	7.446	0.000	3	1	1	1	L
L 078903	PL.25297	C	Consumer	6.95Y	115.8	0.00	10.18	0.29	0	2	1	89	0.00	0.0	7.233	0.000	2	1	1	1	L
L 078902	PL.12892	C	Consumer	6.95Y	115.8	0.00	10.18	0.14	0	1	0	100	0.00	0.0	7.027	0.000	1	0	1	1	L
L 078802	PL.25298	C	Consumer	6.95Y	115.8	0.00	10.15	0.45	0	3	1	95	0.00	0.0	6.584	0.000	3	1	1	1	L
L PL.39006	PL.15184	C	4ACSR	6.95Y	115.9	0.00	10.14	0.71	1	5	2	93	0.00	0.0	6.422	0.007	0	0	0	1	L
L PL.39008	PL.39006	C	4ACSR	6.95Y	115.9	0.00	10.14	0.71	1	5	2	93	0.00	0.0	6.425	0.003	0	0	0	1	L
L PD.6809	PL.39008	C	fuse6AMP	6.95Y	115.9	0.00	10.14	0.71	12	5	2	93	0.00	0.0	6.425	0.000	0	0	0	1	L
L PL.39009	PD.6809	C	4ACSR	6.95Y	115.9	0.00	10.14	0.71	1	5	2	93	0.00	0.0	6.515	0.090	0	0	0	1	L
L 078804	PL.39009	C	Consumer	6.95Y	115.9	0.00	10.14	0.71	0	5	2	93	0.00	0.0	6.515	0.000	5	2	1	1	L
L 077841	PL.39002	C	Consumer	6.95Y	115.9	0.00	10.12	0.00	0	0	0	100	0.00	0.0	6.307	0.000	0	0	0	0	L
L PL.39004	PL.39001	C	4ACSR	6.95Y	115.9	0.00	10.11	0.42	0	3	1	95	0.00	0.0	6.233	0.001	0	0	0	1	L
L PD.6807	PL.39004	C	fuse6AMP	6.95Y	115.9	0.00	10.11	0.42	7	3	1	95	0.00	0.0	6.233	0.000	0	0	0	1	L
L PL.39005	PD.6807	C	4ACSR	6.95Y	115.9	0.00	10.11	0.42	0	3	1	95	0.00	0.0	6.248	0.015	0	0	0	1	L

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

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	
L PL.39003	PL.39005	C	4ACSR	6.95Y	115.9	0.00	10.11	0.42	0	3	1	95	0.00	0.0	6.250	0.002	0	0	0	1	L
L 077807	PL.39003	C	Consumer	6.95Y	115.9	0.00	10.11	0.42	0	3	1	95	0.00	0.0	6.250	0.000	3	1	1	1	L
L PL.38998	PL.12885	C	4ACSR	6.95Y	115.9	0.00	10.09	0.16	0	1	0	100	0.00	0.0	6.091	0.011	0	0	0	1	L
L PD.6806	PL.38998	C	fuse6AMP	6.95Y	115.9	0.00	10.09	0.16	3	1	0	100	0.00	0.0	6.091	0.000	0	0	0	1	L
L PL.38999	PD.6806	C	4ACSR	6.95Y	115.9	0.00	10.09	0.16	0	1	0	100	0.00	0.0	6.170	0.079	0	0	0	1	L
L PL.12889	PL.38999	C	4ACSR	6.95Y	115.9	0.00	10.09	0.16	0	1	0	100	0.00	0.0	6.214	0.043	0	0	0	1	L
L 077805	PL.12889	C	Consumer	6.95Y	115.9	0.00	10.09	0.16	0	1	0	100	0.00	0.0	6.214	0.000	1	0	1	1	L
L PL.8248	PL.38999	C	4ACSR	6.95Y	115.9	0.00	10.09	0.00	0	0	0	100	0.00	0.0	6.371	0.201	0	0	0	0	L
L PL.8249	PL.8248	C	4ACSR	6.95Y	115.9	0.00	10.09	0.00	0	0	0	100	0.00	0.0	6.371	0.000	0	0	0	0	L
L 077844	PL.8248	C	Consumer	6.95Y	115.9	0.00	10.09	0.00	0	0	0	100	0.00	0.0	6.371	0.000	0	0	0	0	L
L PL.38997	PL.12885	C	4ACSR	6.95Y	115.9	0.00	10.09	2.77	2	18	7	93	0.00	0.0	6.090	0.009	0	0	0	5	L
L PD.6805	PL.38997	C	fuse6AMP	6.95Y	115.9	0.00	10.09	2.77	47	18	7	93	0.00	0.0	6.090	0.000	0	0	0	5	L
L PL.38996	PD.6805	C	4ACSR	6.95Y	115.9	0.00	10.10	2.77	2	18	7	93	0.00	0.0	6.123	0.032	0	0	0	5	L
L 077812	PL.38996	C	Consumer	6.95Y	115.9	0.00	10.10	0.54	0	3	1	95	0.00	0.0	6.123	0.000	3	1	1	1	L
L PL.12886	PL.38996	C	4ACSR	6.95Y	115.9	0.01	10.11	2.23	2	14	6	92	0.00	0.0	6.218	0.095	0	0	0	4	L
L PL.8233	PL.12886	C	4ACSR	6.95Y	115.9	0.00	10.11	0.90	1	6	2	95	0.00	0.0	6.254	0.037	0	0	0	2	L
L 077824	PL.8233	C	Consumer	6.95Y	115.9	0.00	10.11	0.00	0	0	0	100	0.00	0.0	6.254	0.000	0	0	0	0	L
L PL.8232	PL.8233	C	4ACSR	6.95Y	115.9	0.00	10.11	0.90	1	6	2	95	0.00	0.0	6.312	0.058	0	0	0	2	L
L PL.4707	PL.8232	C	4ACSR	6.95Y	115.9	0.00	10.11	0.64	1	4	2	89	0.00	0.0	6.386	0.074	0	0	0	1	L
L PL.4715	PL.4707	C	4ACSR	6.95Y	115.9	0.01	10.12	0.64	1	4	2	89	0.00	0.0	6.571	0.185	0	0	0	1	L
L 077843	PL.4715	C	Consumer	6.95Y	115.9	0.00	10.12	0.64	0	4	2	89	0.00	0.0	6.571	0.000	4	2	1	1	L
L 077823	PL.8232	C	Consumer	6.95Y	115.9	0.00	10.11	0.26	0	2	1	89	0.00	0.0	6.312	0.000	2	1	1	1	L
L 077806	PL.12886	C	Consumer	6.95Y	115.9	0.00	10.11	0.47	0	3	1	95	0.00	0.0	6.218	0.000	3	1	1	1	L
L 077820	PL.12886	C	Consumer	6.95Y	115.9	0.00	10.11	0.86	0	6	2	95	0.00	0.0	6.218	0.000	6	2	1	1	L
L 077808	PL.12886	C	Consumer	6.95Y	115.9	0.00	10.11	0.00	0	0	0	100	0.00	0.0	6.218	0.000	0	0	0	0	L
L PL.8246	PL.12885	C	4ACSR	6.95Y	115.9	0.00	10.09	0.00	0	0	0	100	0.00	0.0	6.081	0.000	0	0	0	0	L
L PL.38994	PL.30936	C	4ACSR	6.96Y	116.0	0.00	10.05	0.98	1	6	2	95	0.00	0.0	5.934	0.009	0	0	0	2	L
L PD.6804	PL.38994	C	fuse6AMP	6.96Y	116.0	0.00	10.05	0.98	17	6	2	95	0.00	0.0	5.934	0.000	0	0	0	2	L
L PL.38995	PD.6804	C	4ACSR	6.96Y	115.9	0.00	10.05	0.98	1	6	2	95	0.00	0.0	5.976	0.042	0	0	0	2	L
L 077822	PL.38995	C	Consumer	6.96Y	115.9	0.00	10.05	0.43	0	3	1	95	0.00	0.0	5.976	0.000	3	1	1	1	L
L 077817	PL.38995	C	Consumer	6.96Y	115.9	0.00	10.05	0.55	0	4	1	97	0.00	0.0	5.976	0.000	4	1	1	1	L
L 077810	PL.30935	C	Consumer	6.96Y	116.0	0.00	10.04	0.91	0	6	2	95	0.00	0.0	5.885	0.000	6	2	1	1	L
L 077814	PL.19410	C	Consumer	6.96Y	116.0	0.00	10.00	0.31	0	2	1	89	0.00	0.0	5.796	0.000	2	1	1	1	L
L 077816	PL.19410	C	Consumer	6.96Y	116.0	0.00	10.00	0.84	0	5	2	93	0.00	0.0	5.796	0.000	5	2	1	1	L
L PL.15187	PL.12874	C	4ACSR	6.97Y	116.1	0.00	9.90	12.63	11	82	32	93	0.00	0.0	5.548	0.008	0	0	0	15	L
L PD.2245	PL.15187	C	fuse6AMP	6.97Y	116.1	0.00	9.90	12.63	216	82	32	93	0.00	0.0	5.548	0.000	0	0	0	15	L
L PL.15188	PD.2245	C	4ACSR	6.96Y	116.1	0.03	9.93	12.63	11	82	32	93	0.02	0.0	5.597	0.050	0	0	0	15	L
L 077826	PL.15188	C	Consumer	6.96Y	116.1	0.00	9.93	2.16	0	14	5	94	0.00	0.0	5.597	0.000	14	5	1	1	L

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW					KW	KVAR	Cons On	Cons Thru
L PL.12876	PL.15188	C	4ACSR	6.96Y	116.1	0.01	9.94	10.47	9	68	27	93	0.01	0.0	5.623	0.025	0	0	0	14	L
L PL.12877	PL.12876	C	4ACSR	6.96Y	116.0	0.01	9.95	8.54	7	55	22	93	0.00	0.0	5.649	0.026	0	0	0	10	L
L PL.8243	PL.12877	C	4ACSR	6.96Y	116.0	0.05	10.00	7.15	6	46	18	93	0.02	0.0	5.809	0.160	0	0	0	8	L
L PL.8240	PL.8243	C	4ACSR	6.96Y	116.0	0.01	10.02	6.36	5	41	16	93	0.00	0.0	5.846	0.037	0	0	0	7	L
L 077834	PL.8240	C	Consumer	6.96Y	116.0	0.00	10.02	1.26	0	8	3	94	0.00	0.0	5.846	0.000	8	3	1	1	L
L PL.8241	PL.8240	C	4ACSR	6.96Y	116.0	0.01	10.03	5.11	4	33	13	93	0.00	0.0	5.905	0.059	0	0	0	6	L
L PL.12879	PL.8241	C	4ACSR	6.96Y	116.0	0.01	10.04	5.11	4	33	13	93	0.00	0.0	5.937	0.032	0	0	0	6	L
L PL.4713	PL.12879	C	4ACSR	6.96Y	116.0	0.00	10.04	1.66	1	11	4	94	0.00	0.0	5.969	0.032	0	0	0	3	L
L PL.4688	PL.4713	C	4ACSR	6.96Y	116.0	0.00	10.04	0.83	1	5	2	93	0.00	0.0	6.085	0.116	0	0	0	1	L
L 076809	PL.4688	C	Consumer	6.96Y	116.0	0.00	10.04	0.83	0	5	2	93	0.00	0.0	6.085	0.000	5	2	1	1	L
L PL.25266	PL.4713	C	4ACSR	6.96Y	116.0	0.00	10.04	0.83	1	5	2	93	0.00	0.0	6.003	0.034	0	0	0	2	L
L PL.25267	PL.25266	C	4ACSR	6.96Y	116.0	0.00	10.04	0.51	0	3	1	95	0.00	0.0	6.109	0.106	0	0	0	1	L
L PL.33670	PL.25267	C	2ACSR	6.96Y	116.0	0.00	10.04	0.00	0	0	0	100	0.00	0.0	6.146	0.037	0	0	0	0	L
L 0768011	PL.33670	C	Consumer	6.96Y	116.0	0.00	10.04	0.00	0	0	0	100	0.00	0.0	6.146	0.000	0	0	0	0	L
L 076807	PL.25267	C	Consumer	6.96Y	116.0	0.00	10.04	0.51	0	3	1	95	0.00	0.0	6.109	0.000	3	1	1	1	L
L 076808	PL.25266	C	Consumer	6.96Y	116.0	0.00	10.04	0.33	0	2	1	89	0.00	0.0	6.003	0.000	2	1	1	1	L
L PL.12880	PL.12879	C	4ACSR	6.96Y	116.0	0.00	10.04	3.44	3	22	9	93	0.00	0.0	5.937	0.000	0	0	0	3	L
L PL.12878	PL.12880	C	4ACSR	6.96Y	116.0	0.00	10.04	1.45	1	9	4	91	0.00	0.0	5.972	0.035	0	0	0	2	L
L PL.8237	PL.12878	C	4ACSR	6.96Y	116.0	0.00	10.04	0.92	1	6	2	95	0.00	0.0	5.972	0.000	0	0	0	1	L
L 077825	PL.8237	C	Consumer	6.96Y	116.0	0.00	10.04	0.92	0	6	2	95	0.00	0.0	5.972	0.000	6	2	1	1	L
L PL.4710	PL.8237	C	4ACSR	6.96Y	116.0	0.00	10.04	0.00	0	0	0	100	0.00	0.0	6.009	0.036	0	0	0	0	L
L 0778047	PL.12878	C	Consumer	6.96Y	116.0	0.00	10.04	0.52	0	3	1	95	0.00	0.0	5.972	0.000	3	1	1	1	L
L 077831	PL.12880	C	Consumer	6.96Y	116.0	0.00	10.04	1.99	0	13	5	93	0.00	0.0	5.937	0.000	13	5	1	1	L
L 077828	PL.8241	C	Consumer	6.96Y	116.0	0.00	10.03	0.00	0	0	0	100	0.00	0.0	5.905	0.000	0	0	0	0	L
L 077833	PL.8243	C	Consumer	6.96Y	116.0	0.00	10.00	0.00	0	0	0	100	0.00	0.0	5.809	0.000	0	0	0	0	L
L 077832	PL.8243	C	Consumer	6.96Y	116.0	0.00	10.00	0.78	0	5	2	93	0.00	0.0	5.809	0.000	5	2	1	1	L
L 077842	PL.12877	C	Consumer	6.96Y	116.0	0.00	9.95	0.71	0	5	2	93	0.00	0.0	5.649	0.000	5	2	1	1	L
L 077837	PL.12877	C	Consumer	6.96Y	116.0	0.00	9.95	0.68	0	4	2	89	0.00	0.0	5.649	0.000	4	2	1	1	L
L PL.8244	PL.12876	C	4ACSR	6.96Y	116.1	0.00	9.94	1.93	2	13	5	93	0.00	0.0	5.632	0.009	0	0	0	4	L
L PL.8245	PL.8244	C	4ACSR	6.96Y	116.1	0.01	9.95	1.93	2	13	5	93	0.00	0.0	5.706	0.074	0	0	0	4	L
L PL.8242	PL.8245	C	4ACSR	6.96Y	116.1	0.00	9.95	1.55	1	10	4	93	0.00	0.0	5.708	0.002	0	0	0	3	L
L PL.4709	PL.8242	C	4ACSR	6.96Y	116.0	0.00	9.95	1.55	1	10	4	93	0.00	0.0	5.744	0.036	0	0	0	3	L
L PL.4714	PL.4709	C	4ACSR	6.96Y	116.0	0.00	9.96	1.55	1	10	4	93	0.00	0.0	5.798	0.055	0	0	0	3	L
L 077846	PL.4714	C	Consumer	6.96Y	116.0	0.00	9.96	0.52	0	3	1	95	0.00	0.0	5.798	0.000	3	1	1	1	L
L 077836	PL.4714	C	Consumer	6.96Y	116.0	0.00	9.96	0.67	0	4	2	89	0.00	0.0	5.798	0.000	4	2	1	1	L
L 077838	PL.4714	C	Consumer	6.96Y	116.0	0.00	9.96	0.36	0	2	1	89	0.00	0.0	5.798	0.000	2	1	1	1	L
L 077835	PL.8245	C	Consumer	6.96Y	116.1	0.00	9.95	0.38	0	2	1	89	0.00	0.0	5.706	0.000	2	1	1	1	L
L 077839	PL.8244	C	Consumer	6.96Y	116.1	0.00	9.94	0.00	0	0	0	100	0.00	0.0	5.632	0.000	0	0	0	0	L

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

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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)	-----						
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru		
L 077830	PL.12873	C	Consumer	6.97Y	116.1	0.00	9.88	0.36	0	2	1	89	0.00	0.0	5.520	0.000	2	1	1	1	L	
L PL.15192	PL.12882	C	4ACSR	6.98Y	116.3	0.00	9.71	0.55	0	4	1	97	0.00	0.0	5.380	0.007	0	0	0	0	1	L
L PD.2242	PL.15192	C	fuse6AMP	6.98Y	116.3	0.00	9.71	0.55	9	4	1	97	0.00	0.0	5.380	0.000	0	0	0	0	1	L
L PL.15193	PD.2242	C	4ACSR	6.98Y	116.3	0.00	9.71	0.55	0	4	1	97	0.00	0.0	5.469	0.088	0	0	0	0	1	L
L 077818	PL.15193	C	Consumer	6.98Y	116.3	0.00	9.71	0.55	0	4	1	97	0.00	0.0	5.469	0.000	4	1	1	1	1	L
L 077809	PL.12881	C	Consumer	6.99Y	116.4	0.00	9.57	0.37	0	2	1	89	0.00	0.0	5.254	0.000	2	1	1	1	1	L
L PL.15194	PL.12881	C	4ACSR	6.99Y	116.4	0.00	9.57	0.87	1	6	2	95	0.00	0.0	5.260	0.005	0	0	0	0	1	L
L PD.2241	PL.15194	C	fuse6AMP	6.99Y	116.4	0.00	9.57	0.87	15	6	2	95	0.00	0.0	5.260	0.000	0	0	0	0	1	L
L PL.15195	PD.2241	C	4ACSR	6.99Y	116.4	0.00	9.57	0.87	1	6	2	95	0.00	0.0	5.277	0.017	0	0	0	0	1	L
L PL.8229	PL.15195	C	4ACSR	6.99Y	116.4	0.00	9.57	0.87	1	6	2	95	0.00	0.0	5.309	0.032	0	0	0	0	1	L
L PL.8230	PL.8229	C	4ACSR	6.99Y	116.4	0.00	9.57	0.00	0	0	0	100	0.00	0.0	5.403	0.095	0	0	0	0	0	L
L 077702	PL.8229	C	Consumer	6.99Y	116.4	0.00	9.57	0.87	0	6	2	95	0.00	0.0	5.309	0.000	6	2	1	1	1	L
L PL.15196	PL.12871	C	4ACSR	6.99Y	116.5	0.00	9.49	0.64	1	4	2	89	0.00	0.0	5.191	0.005	0	0	0	0	1	L
L PD.2240	PL.15196	C	fuse6AMP	6.99Y	116.5	0.00	9.49	0.64	11	4	2	89	0.00	0.0	5.191	0.000	0	0	0	0	1	L
L PL.15197	PD.2240	C	4ACSR	6.99Y	116.5	0.00	9.49	0.64	1	4	2	89	0.00	0.0	5.240	0.049	0	0	0	0	1	L
L 077704	PL.15197	C	Consumer	6.99Y	116.5	0.00	9.49	0.64	0	4	2	89	0.00	0.0	5.240	0.000	4	2	1	1	1	L
L 076744	PL.12870	C	Consumer	7.00Y	116.6	0.00	9.40	1.42	0	9	4	91	0.00	0.0	5.114	0.000	9	4	1	1	1	L
L PL.15200	PL.12869	C	4ACSR	7.01Y	116.8	0.00	9.20	0.14	0	1	0	100	0.00	0.0	4.967	0.005	0	0	0	0	2	L
L PD.2218	PL.15200	C	fuse6AMP	7.01Y	116.8	0.00	9.20	0.14	2	1	0	100	0.00	0.0	4.967	0.000	0	0	0	0	2	L
L PL.15201	PD.2218	C	4ACSR	7.01Y	116.8	0.00	9.20	0.14	0	1	0	100	0.00	0.0	5.037	0.070	0	0	0	0	2	L
L PL.24472	PL.15201	C	4ACSR	7.01Y	116.8	0.00	9.20	0.14	0	1	0	100	0.00	0.0	5.111	0.073	0	0	0	0	1	L
L 076714	PL.24472	C	Consumer	7.01Y	116.8	0.00	9.20	0.14	0	1	0	100	0.00	0.0	5.111	0.000	1	0	1	1	1	L
L 076712	PL.15201	C	Consumer	7.01Y	116.8	0.00	9.20	0.00	0	0	0	100	0.00	0.0	5.037	0.000	0	0	1	1	1	L
L PL.15202	PL.12868	C	4ACSR	7.02Y	116.9	0.00	9.06	1.53	1	10	4	93	0.00	0.0	4.865	0.005	0	0	0	0	3	L
L PD.2216	PL.15202	C	fuse6AMP	7.02Y	116.9	0.00	9.06	1.53	26	10	4	93	0.00	0.0	4.865	0.000	0	0	0	0	3	L
L PL.15203	PD.2216	C	4ACSR	7.02Y	116.9	0.00	9.06	1.53	1	10	4	93	0.00	0.0	4.912	0.047	0	0	0	0	3	L
L 076707	PL.15203	C	Consumer	7.02Y	116.9	0.00	9.06	0.28	0	2	1	89	0.00	0.0	4.912	0.000	2	1	1	1	1	L
L 076746	PL.15203	C	Consumer	7.02Y	116.9	0.00	9.06	0.50	0	3	1	95	0.00	0.0	4.912	0.000	3	1	1	1	1	L
L 076734	PL.15203	C	Consumer	7.02Y	116.9	0.00	9.06	0.00	0	0	0	100	0.00	0.0	4.912	0.000	0	0	0	0	0	L
L PL.40495	PL.15203	C	4ACSR	7.02Y	116.9	0.00	9.06	0.76	1	5	2	93	0.00	0.0	4.964	0.051	0	0	0	0	1	L
L 0767048	PL.40495	C	Consumer	7.02Y	116.9	0.00	9.06	0.76	0	5	2	93	0.00	0.0	4.964	0.000	5	2	1	1	1	L
L PL.15204	PL.12867	C	4ACSR	7.03Y	117.1	0.00	8.85	5.23	4	34	13	93	0.00	0.0	4.718	0.006	0	0	0	0	7	L
L PD.2215	PL.15204	C	fuse6AMP	7.03Y	117.1	0.00	8.85	5.23	89	34	13	93	0.00	0.0	4.718	0.000	0	0	0	0	7	L
L PL.15205	PD.2215	C	4ACSR	7.03Y	117.1	0.02	8.87	5.23	4	34	13	93	0.01	0.0	4.810	0.091	0	0	0	0	7	L
L PL.4542	PL.15205	C	4ACSR	7.03Y	117.1	0.01	8.88	2.12	2	14	5	94	0.00	0.0	4.903	0.093	0	0	0	0	1	L
L 076729	PL.4542	C	Consumer	7.03Y	117.1	0.00	8.88	0.00	0	0	0	100	0.00	0.0	4.903	0.000	0	0	0	0	0	L
L 076741	PL.4542	C	Consumer	7.03Y	117.1	0.00	8.88	2.12	0	14	5	94	0.00	0.0	4.903	0.000	14	5	1	1	1	L
L 076706	PL.15205	C	Consumer	7.03Y	117.1	0.00	8.87	0.18	0	1	0	100	0.00	0.0	4.810	0.000	1	0	1	1	1	L

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

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 L 076722, L PL.4543, etc.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.35548, PD.5215-A, etc.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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
075520	PL.12820	A	Consumer	7.39Y	123.2	0.00	2.83	0.71	0	5	2	93	0.00	0.0	2.601	0.000	5	2	1	1
PL.12821	PL.12820	A	4ACSR	7.38Y	123.1	0.08	2.92	10.88	9	75	29	93	0.05	0.1	2.770	0.169	0	0	0	19
PL.35542	PL.12821	A	4ACSR	7.38Y	123.1	0.00	2.92	1.48	1	10	4	93	0.00	0.0	2.781	0.012	0	0	0	1
PD.5212	PL.35542	A	fuse6AMP	7.38Y	123.1	0.00	2.92	1.48	25	10	4	93	0.00	0.0	2.781	0.000	0	0	0	1
PL.35543	PD.5212	A	4ACSR	7.38Y	123.1	0.01	2.93	1.48	1	10	4	93	0.00	0.0	2.886	0.105	0	0	0	1
0755119	PL.35543	A	Consumer	7.38Y	123.1	0.00	2.93	0.00	0	0	0	100	0.00	0.0	2.886	0.000	0	0	0	0
PL.4988	PL.35543	A	4ACSR	7.38Y	123.1	0.01	2.93	1.48	1	10	4	93	0.00	0.0	2.978	0.092	0	0	0	1
075587	PL.4988	A	Consumer	7.38Y	123.1	0.00	2.93	1.48	0	10	4	93	0.00	0.0	2.978	0.000	10	4	1	1
PL.12822	PL.12821	A	4ACSR	7.38Y	123.1	0.02	2.93	8.42	7	58	23	93	0.01	0.0	2.812	0.043	0	0	0	16
PL.8262	PL.12822	A	4ACSR	7.38Y	123.0	0.02	2.95	8.04	7	55	22	93	0.01	0.0	2.867	0.055	0	0	0	15
075508	PL.8262	A	Consumer	7.38Y	123.0	0.00	2.95	0.36	0	3	1	95	0.00	0.0	2.867	0.000	3	1	1	1
PL.8263	PL.8262	A	4ACSR	7.38Y	123.0	0.00	2.96	1.48	1	10	4	93	0.00	0.0	2.915	0.048	0	0	0	4
PL.8264	PL.8263	A	4ACSR	7.38Y	123.0	0.00	2.96	0.48	0	3	1	95	0.00	0.0	2.949	0.034	0	0	0	2
PL.4959	PL.8264	A	4ACSR	7.38Y	123.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	3.022	0.072	0	0	0	0
075537	PL.4959	A	Consumer	7.38Y	123.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	3.022	0.000	0	0	0	0
075507	PL.8264	A	Consumer	7.38Y	123.0	0.00	2.96	0.14	0	1	0	100	0.00	0.0	2.949	0.000	1	0	1	1
0755108	PL.8264	A	Consumer	7.38Y	123.0	0.00	2.96	0.34	0	2	1	89	0.00	0.0	2.949	0.000	2	1	1	1
075542	PL.8263	A	Consumer	7.38Y	123.0	0.00	2.96	0.98	0	7	3	92	0.00	0.0	2.915	0.000	7	3	1	1
075523	PL.8263	A	Consumer	7.38Y	123.0	0.00	2.96	0.02	0	0	0	100	0.00	0.0	2.915	0.000	0	0	1	1
PL.35544	PL.8262	A	4ACSR	7.38Y	123.0	0.00	2.96	6.20	5	43	17	93	0.00	0.0	2.875	0.008	0	0	0	10
PL.37749	PL.35544	A	4ACSR	7.38Y	123.0	0.00	2.96	6.20	5	43	17	93	0.00	0.0	2.885	0.009	0	0	0	10
PD.6219-A	PL.37749	A	Closed	7.38Y	123.0	0.00	2.96	6.20	0	43	17	93	0.00	0.0	2.885	0.000	0	0	0	10
PD.6219-B	PD.6219-A	A	Closed	7.38Y	123.0	0.00	2.96	6.20	0	43	17	93	0.00	0.0	2.885	0.000	0	0	0	10
PL.37750	PD.6219-B	A	4ACSR	7.38Y	123.0	0.02	2.98	6.20	5	43	17	93	0.01	0.0	2.942	0.057	0	0	0	10
075562	PL.37750	A	Consumer	7.38Y	123.0	0.00	2.98	0.33	0	2	1	89	0.00	0.0	2.942	0.000	2	1	1	1
075565	PL.37750	A	Consumer	7.38Y	123.0	0.00	2.98	0.02	0	0	0	100	0.00	0.0	2.942	0.000	0	0	1	1
PL.4960	PL.37750	A	4ACSR	7.38Y	123.0	0.01	2.99	5.85	5	40	16	93	0.00	0.0	2.987	0.045	0	0	0	8
PL.4961	PL.4960	A	4ACSR	7.38Y	123.0	0.01	3.00	5.85	5	40	16	93	0.00	0.0	3.033	0.047	0	0	0	8
PL.4962	PL.4961	A	4ACSR	7.38Y	123.0	0.01	3.01	5.15	4	35	14	93	0.00	0.0	3.094	0.060	0	0	0	7
075589	PL.4962	A	Consumer	7.38Y	123.0	0.00	3.01	0.69	0	5	2	93	0.00	0.0	3.094	0.000	5	2	1	1
PL.4963	PL.4962	A	4ACSR	7.38Y	123.0	0.01	3.02	4.46	4	31	12	93	0.00	0.0	3.128	0.034	0	0	0	6
0755102	PL.4963	A	Consumer	7.38Y	123.0	0.00	3.02	0.99	0	7	3	92	0.00	0.0	3.128	0.000	7	3	1	1
075581	PL.4963	A	Consumer	7.38Y	123.0	0.00	3.02	0.87	0	6	2	95	0.00	0.0	3.128	0.000	6	2	1	1
075564	PL.4963	A	Consumer	7.38Y	123.0	0.00	3.02	0.66	0	5	2	93	0.00	0.0	3.128	0.000	5	2	1	1
PL.4966	PL.4963	A	4ACSR	7.38Y	123.0	0.00	3.02	1.93	2	13	5	93	0.00	0.0	3.168	0.040	0	0	0	3
075580	PL.4966	A	Consumer	7.38Y	123.0	0.00	3.02	0.35	0	2	1	89	0.00	0.0	3.168	0.000	2	1	1	1
075593	PL.4966	A	Consumer	7.38Y	123.0	0.00	3.02	1.04	0	7	3	92	0.00	0.0	3.168	0.000	7	3	1	1
075597	PL.4966	A	Consumer	7.38Y	123.0	0.00	3.02	0.55	0	4	1	97	0.00	0.0	3.168	0.000	4	1	1	1

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.4987	PL.4961	A	4ACSR	7.38Y	123.0	0.00	3.00	0.70	1	5	2	93	0.00	0.0	3.083	0.050	0	0	0	1
075586	PL.4987	A	Consumer	7.38Y	123.0	0.00	3.00	0.70	0	5	2	93	0.00	0.0	3.083	0.000	5	2	1	1
075561	PL.12822	A	Consumer	7.38Y	123.1	0.00	2.93	0.38	0	3	1	95	0.00	0.0	2.812	0.000	3	1	1	1
075555	PL.12821	A	Consumer	7.38Y	123.1	0.00	2.92	0.58	0	4	2	89	0.00	0.0	2.770	0.000	4	2	1	1
075566	PL.12821	A	Consumer	7.38Y	123.1	0.00	2.92	0.40	0	3	1	95	0.00	0.0	2.770	0.000	3	1	1	1
075588	PL.12821	A	Consumer	7.38Y	123.1	0.00	2.92	0.00	0	0	0	100	0.00	0.0	2.770	0.000	0	0	0	0
PL.34929	PL.12820	A	4ACSR	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	2.610	0.009	0	0	0	0
PD.5013	PL.34929	A	fuse6AMP	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	2.610	0.000	0	0	0	0
PL.34928	PD.5013	A	4ACSR	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	2.694	0.084	0	0	0	0
075509	PL.34928	A	Consumer	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	2.694	0.000	0	0	0	0
PL.4950	PL.34928	A	4ACSR	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	2.752	0.057	0	0	0	0
PL.4956	PL.4950	A	4ACSR	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	2.809	0.058	0	0	0	0
075559	PL.4956	A	Consumer	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	2.809	0.000	0	0	0	0
PL.34930	PL.12820	A	4ACSR	7.39Y	123.2	0.00	2.84	3.30	3	23	9	93	0.00	0.0	2.622	0.021	0	0	0	7
PD.5014	PL.34930	A	fuse6AMP	7.39Y	123.2	0.00	2.84	3.30	56	23	9	93	0.00	0.0	2.622	0.000	0	0	0	7
PL.34931	PD.5014	A	4ACSR	7.39Y	123.1	0.02	2.86	3.30	3	23	9	93	0.00	0.0	2.752	0.131	0	0	0	7
PL.4955	PL.34931	A	4ACSR	7.39Y	123.1	0.00	2.86	1.40	1	10	4	93	0.00	0.0	2.818	0.065	0	0	0	2
075511	PL.4955	A	Consumer	7.39Y	123.1	0.00	2.86	0.66	0	5	2	93	0.00	0.0	2.818	0.000	5	2	1	1
075577	PL.4955	A	Consumer	7.39Y	123.1	0.00	2.86	0.74	0	5	2	93	0.00	0.0	2.818	0.000	5	2	1	1
PL.4953	PL.34931	A	4ACSR	7.39Y	123.1	0.00	2.86	0.46	0	3	1	95	0.00	0.0	2.776	0.024	0	0	0	1
075519	PL.4953	A	Consumer	7.39Y	123.1	0.00	2.86	0.46	0	3	1	95	0.00	0.0	2.776	0.000	3	1	1	1
PL.4954	PL.34931	A	4ACSR	7.39Y	123.1	0.00	2.86	1.44	1	10	4	93	0.00	0.0	2.811	0.058	0	0	0	4
PL.8260	PL.4954	A	4ACSR	7.39Y	123.1	0.00	2.86	1.44	1	10	4	93	0.00	0.0	2.860	0.049	0	0	0	4
PL.45420	PL.8260	A	2ACSR	7.39Y	123.1	0.00	2.86	0.00	0	0	0	100	0.00	0.0	2.900	0.040	0	0	0	1
075576	PL.45420	A	Consumer	7.39Y	123.1	0.00	2.86	0.00	0	0	0	100	0.00	0.0	2.900	0.000	0	0	1	1
PL.8261	PL.8260	A	4ACSR	7.39Y	123.1	0.00	2.86	1.44	1	10	4	93	0.00	0.0	2.869	0.009	0	0	0	3
PL.4948	PL.8261	A	4ACSR	7.39Y	123.1	0.00	2.87	1.44	1	10	4	93	0.00	0.0	2.927	0.058	0	0	0	3
PL.4949	PL.4948	A	4ACSR	7.39Y	123.1	0.01	2.87	1.44	1	10	4	93	0.00	0.0	3.005	0.078	0	0	0	3
075536	PL.4949	A	Consumer	7.39Y	123.1	0.00	2.87	0.83	0	6	2	95	0.00	0.0	3.005	0.000	6	2	1	1
PL.4990	PL.4949	A	4ACSR	7.39Y	123.1	0.00	2.88	0.61	1	4	2	89	0.00	0.0	3.145	0.140	0	0	0	2
075591	PL.4990	A	Consumer	7.39Y	123.1	0.00	2.88	0.35	0	2	1	89	0.00	0.0	3.145	0.000	2	1	1	1
PL.5013	PL.4990	A	4ACSR	7.39Y	123.1	0.00	2.88	0.26	0	2	1	89	0.00	0.0	3.275	0.131	0	0	0	1
0755100	PL.5013	A	Consumer	7.39Y	123.1	0.00	2.88	0.26	0	2	1	89	0.00	0.0	3.275	0.000	2	1	1	1
PL.4350	PL.12819	A	4ACSR	7.40Y	123.3	0.00	2.65	0.06	0	0	0	100	0.00	0.0	2.371	0.035	0	0	0	1
076637	PL.4350	A	Consumer	7.40Y	123.3	0.00	2.65	0.06	0	0	0	100	0.00	0.0	2.371	0.000	0	0	1	1
PL.15229	PL.15226	A	4ACSR	7.40Y	123.4	0.00	2.61	2.72	2	19	7	94	0.00	0.0	2.170	0.005	0	0	0	4
PD.2208	PL.15229	A	fuse6AMP	7.40Y	123.4	0.00	2.61	2.72	46	19	7	94	0.00	0.0	2.170	0.000	0	0	0	4
PL.15230	PD.2208	A	4ACSR	7.40Y	123.4	0.01	2.62	2.72	2	19	7	94	0.00	0.0	2.220	0.050	0	0	0	4

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 075623, 075622, etc.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 CWP.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.4986	PL.15243	A	4ACSR	7.39Y	123.2	0.00	2.80	0.86	1	6	2	95	0.00	0.0	1.398	0.101	0	0	0	1	
075528	PL.4986	A	Consumer	7.39Y	123.2	0.00	2.80	0.86	0	6	2	95	0.00	0.0	1.398	0.000	6	2	1	1	
PL.4985	PL.12785	A	4ACSR	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	1.205	0.013	0	0	0	0	
PL.12786	PL.12785	A	4ACSR	7.38Y	123.0	0.22	3.02	66.79	56	459	182	93	0.78	0.2	1.265	0.073	0	0	0	108	
PL.27961	PL.12786	A	4ACSR	7.37Y	122.8	0.22	3.24	65.70	55	451	178	93	0.77	0.2	1.339	0.074	0	0	0	105	
0755115	PL.27961	A	Consumer	7.37Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	1.339	0.000	0	0	0	0	
075546	PL.27961	A	Consumer	7.37Y	122.8	0.00	3.24	0.79	0	5	2	93	0.00	0.0	1.339	0.000	5	2	1	1	
PL.27962	PL.27961	A	4ACSR	7.36Y	122.7	0.07	3.31	64.91	55	445	176	93	0.24	0.1	1.363	0.024	0	0	0	104	
PL.18680	PL.27962	A	4ACSR	7.36Y	122.6	0.05	3.37	63.44	53	434	172	93	0.18	0.0	1.382	0.019	0	0	0	103	
PL.18681	PL.18680	A	4ACSR	7.34Y	122.4	0.25	3.61	62.85	53	430	170	93	0.81	0.2	1.467	0.086	0	0	0	102	
PL.12787	PL.18681	A	4ACSR	7.34Y	122.4	0.00	3.62	62.00	52	423	167	93	0.02	0.0	1.469	0.002	0	0	0	100	
PL.34903	PL.12787	A	4ACSR	7.34Y	122.4	0.00	3.62	2.23	2	15	6	93	0.00	0.0	1.479	0.010	0	0	0	2	
PD.5002	PL.34903	A	fuse6AMP	7.34Y	122.4	0.00	3.62	2.23	38	15	6	93	0.00	0.0	1.479	0.000	0	0	0	2	
PL.34904	PD.5002	A	4ACSR	7.34Y	122.4	0.00	3.62	2.23	2	15	6	93	0.00	0.0	1.516	0.038	0	0	0	2	
075592	PL.34904	A	Consumer	7.34Y	122.4	0.00	3.62	0.87	0	6	2	95	0.00	0.0	1.516	0.000	6	2	1	1	
075596	PL.34904	A	Consumer	7.34Y	122.4	0.00	3.62	1.36	0	9	4	91	0.00	0.0	1.516	0.000	9	4	1	1	
PL.12788	PL.12787	A	4ACSR	7.32Y	122.1	0.30	3.92	59.77	50	408	161	93	0.93	0.2	1.578	0.109	0	0	0	98	
075539	PL.12788	A	Consumer	7.32Y	122.1	0.00	3.92	0.40	0	3	1	95	0.00	0.0	1.578	0.000	3	1	1	1	
075547	PL.12788	A	Consumer	7.32Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	1.578	0.000	0	0	0	0	
0755118	PL.12788	A	Consumer	7.32Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	1.578	0.000	0	0	0	0	
PL.8265	PL.12788	A	4ACSR	7.32Y	121.9	0.13	4.05	59.36	50	404	160	93	0.41	0.1	1.627	0.049	0	0	0	97	
PL.34909	PL.8265	A	4ACSR	7.32Y	121.9	0.00	4.06	6.70	6	46	18	93	0.00	0.0	1.638	0.011	0	0	0	8	
C PD.1757	PL.34909	A	fuse6AMP	7.32Y	121.9	0.00	4.06	6.70	114	46	18	93	0.00	0.0	1.638	0.000	0	0	0	8 C	
PL.34908	PD.1757	A	4ACSR	7.32Y	121.9	0.01	4.07	6.70	6	46	18	93	0.00	0.0	1.679	0.041	0	0	0	8	
PL.4982	PL.34908	A	4ACSR	7.31Y	121.9	0.02	4.09	6.70	6	46	18	93	0.01	0.0	1.737	0.058	0	0	0	8	
075571	PL.4982	A	Consumer	7.31Y	121.9	0.00	4.09	0.71	0	5	2	93	0.00	0.0	1.737	0.000	5	2	1	1	
075548	PL.4982	A	Consumer	7.31Y	121.9	0.00	4.09	0.81	0	6	2	95	0.00	0.0	1.737	0.000	6	2	1	1	
075538	PL.4982	A	Consumer	7.31Y	121.9	0.00	4.09	0.00	0	0	0	100	0.00	0.0	1.737	0.000	0	0	0	0	
075505	PL.4982	A	Consumer	7.31Y	121.9	0.00	4.09	1.35	0	9	4	91	0.00	0.0	1.737	0.000	9	4	1	1	
075549	PL.4982	A	Consumer	7.31Y	121.9	0.00	4.09	0.00	0	0	0	100	0.00	0.0	1.737	0.000	0	0	0	0	
075567	PL.4982	A	Consumer	7.31Y	121.9	0.00	4.09	1.99	0	14	5	94	0.00	0.0	1.737	0.000	14	5	1	1	
PL.4983	PL.4982	A	4ACSR	7.31Y	121.9	0.01	4.09	1.83	2	12	5	92	0.00	0.0	1.810	0.073	0	0	0	4	
075574	PL.4983	A	Consumer	7.31Y	121.9	0.00	4.09	0.85	0	6	2	95	0.00	0.0	1.810	0.000	6	2	1	1	
PL.4984	PL.4983	A	4ACSR	7.31Y	121.9	0.00	4.09	0.98	1	7	3	92	0.00	0.0	1.842	0.032	0	0	0	3	
PL.5012	PL.4984	A	4ACSR	7.31Y	121.9	0.00	4.09	0.53	0	4	1	97	0.00	0.0	1.879	0.037	0	0	0	1	
075598	PL.5012	A	Consumer	7.31Y	121.9	0.00	4.09	0.53	0	4	1	97	0.00	0.0	1.879	0.000	4	1	1	1	
0755116	PL.4984	A	Consumer	7.31Y	121.9	0.00	4.09	0.01	0	0	0	100	0.00	0.0	1.842	0.000	0	0	1	1	
075582	PL.4984	A	Consumer	7.31Y	121.9	0.00	4.09	0.44	0	3	1	95	0.00	0.0	1.842	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							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.12796	PL.15088	A	4ACSR	7.22Y	120.4	0.00	5.62	41.26	35	277	109	93	0.00	0.0	2.356	0.001	0	0	0	62
PL.19872	PL.12796	A	4ACSR	7.22Y	120.3	0.10	5.72	39.39	33	265	104	93	0.20	0.1	2.410	0.054	0	0	0	60
075414	PL.19872	A	Consumer	7.22Y	120.3	0.00	5.72	1.08	0	7	3	92	0.00	0.0	2.410	0.000	7	3	1	1
PL.19873	PL.19872	A	4ACSR	7.21Y	120.2	0.08	5.80	38.31	32	257	101	93	0.16	0.1	2.457	0.047	0	0	0	59
PL.8273	PL.19873	A	4ACSR	7.21Y	120.1	0.09	5.89	36.98	31	248	97	93	0.17	0.1	2.509	0.052	0	0	0	58
PL.8269	PL.8273	A	4ACSR	7.20Y	120.0	0.08	5.97	33.04	28	222	87	93	0.14	0.1	2.562	0.053	0	0	0	53
PL.12797	PL.8269	A	4ACSR	7.20Y	120.0	0.03	6.00	31.35	26	210	82	93	0.06	0.0	2.585	0.024	0	0	0	50
PL.20140	PL.12797	A	4ACSR	7.20Y	120.0	0.00	6.01	1.67	1	11	4	94	0.00	0.0	2.639	0.054	0	0	0	3
075441	PL.20140	A	Consumer	7.20Y	120.0	0.00	6.01	0.53	0	4	1	97	0.00	0.0	2.639	0.000	4	1	1	1
PL.20141	PL.20140	A	4ACSR	7.20Y	120.0	0.00	6.01	1.14	1	8	3	94	0.00	0.0	2.640	0.000	0	0	0	2
PL.8274	PL.20141	A	4ACSR	7.20Y	120.0	0.00	6.01	0.28	0	2	1	89	0.00	0.0	2.677	0.037	0	0	0	1
075451	PL.8274	A	Consumer	7.20Y	120.0	0.00	6.01	0.00	0	0	0	100	0.00	0.0	2.677	0.000	0	0	0	0
PL.8275	PL.8274	A	4ACSR	7.20Y	120.0	0.00	6.01	0.28	0	2	1	89	0.00	0.0	2.860	0.183	0	0	0	1
075404	PL.8275	A	Consumer	7.20Y	120.0	0.00	6.01	0.28	0	2	1	89	0.00	0.0	2.860	0.000	2	1	1	1
PL.4970	PL.20141	A	4ACSR	7.20Y	120.0	0.00	6.01	0.86	1	6	2	95	0.00	0.0	2.760	0.121	0	0	0	1
PL.4971	PL.4970	A	4ACSR	7.20Y	120.0	0.00	6.01	0.86	1	6	2	95	0.00	0.0	2.801	0.040	0	0	0	1
075416	PL.4971	A	Consumer	7.20Y	120.0	0.00	6.01	0.86	0	6	2	95	0.00	0.0	2.801	0.000	6	2	1	1
075407	PL.4971	A	Consumer	7.20Y	120.0	0.00	6.01	0.00	0	0	0	100	0.00	0.0	2.801	0.000	0	0	0	0
075448	PL.12797	A	Consumer	7.20Y	120.0	0.00	6.00	0.00	0	0	0	100	0.00	0.0	2.585	0.000	0	0	0	0
075447	PL.12797	A	Consumer	7.20Y	120.0	0.00	6.00	0.73	0	5	2	93	0.00	0.0	2.585	0.000	5	2	1	1
075430	PL.12797	A	Consumer	7.20Y	120.0	0.00	6.00	0.67	0	4	2	89	0.00	0.0	2.585	0.000	4	2	1	1
075433	PL.12797	A	Consumer	7.20Y	120.0	0.00	6.00	0.00	0	0	0	100	0.00	0.0	2.585	0.000	0	0	1	1
PL.26085	PL.12797	A	4ACSR	7.19Y	119.9	0.11	6.11	28.28	24	190	74	93	0.16	0.1	2.668	0.083	0	0	0	44
PL.34912	PL.26085	A	4ACSR	7.19Y	119.9	0.00	6.11	0.33	0	2	1	89	0.00	0.0	2.685	0.018	0	0	0	2
PD.5005	PL.34912	A	fuse6AMP	7.19Y	119.9	0.00	6.11	0.33	6	2	1	89	0.00	0.0	2.685	0.000	0	0	0	2
PL.34913	PD.5005	A	4ACSR	7.19Y	119.9	0.00	6.11	0.33	0	2	1	89	0.00	0.0	2.752	0.066	0	0	0	2
075440	PL.34913	A	Consumer	7.19Y	119.9	0.00	6.11	0.28	0	2	1	89	0.00	0.0	2.752	0.000	2	1	1	1
075439	PL.34913	A	Consumer	7.19Y	119.9	0.00	6.11	0.05	0	0	0	100	0.00	0.0	2.752	0.000	0	0	1	1
075442	PL.34913	A	Consumer	7.19Y	119.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	2.752	0.000	0	0	0	0
PL.20089	PL.26085	A	4ACSR	7.19Y	119.8	0.10	6.21	24.67	21	165	65	93	0.13	0.1	2.760	0.092	0	0	0	39
PL.20090	PL.20089	A	4ACSR	7.18Y	119.7	0.07	6.29	24.67	21	165	65	93	0.09	0.1	2.825	0.065	0	0	0	39
PL.4969	PL.20090	A	4ACSR	7.18Y	119.7	0.01	6.30	2.98	3	20	8	93	0.00	0.0	2.924	0.099	0	0	0	4
PL.4975	PL.4969	A	4ACSR	7.18Y	119.7	0.00	6.30	1.91	2	13	5	93	0.00	0.0	2.956	0.032	0	0	0	3
075468	PL.4975	A	Consumer	7.18Y	119.7	0.00	6.30	0.83	0	6	2	95	0.00	0.0	2.956	0.000	6	2	1	1
PL.4976	PL.4975	A	4ACSR	7.18Y	119.7	0.00	6.30	1.08	1	7	3	92	0.00	0.0	2.993	0.037	0	0	0	2
075444	PL.4976	A	Consumer	7.18Y	119.7	0.00	6.30	0.54	0	4	1	97	0.00	0.0	2.993	0.000	4	1	1	1
075443	PL.4976	A	Consumer	7.18Y	119.7	0.00	6.30	0.54	0	4	1	97	0.00	0.0	2.993	0.000	4	1	1	1
075438	PL.4969	A	Consumer	7.18Y	119.7	0.00	6.30	1.08	0	7	3	92	0.00	0.0	2.924	0.000	7	3	1	1

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 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	KVAR	% PF	kW Loss	% Loss								
PL.4719	PL.8253	A	4ACSR	7.15Y	119.2	-0.00	6.79	0.00	0	0	0	0	100	0.00	0.0	3.677	0.064	0	0	0	3	
075305	PL.4719	A	Consumer	7.15Y	119.2	0.00	6.79	0.00	0	0	0	0	100	0.00	0.0	3.677	0.000	0	0	1	1	
PL.4720	PL.4719	A	4ACSR	7.15Y	119.2	-0.00	6.79	0.00	0	0	0	0	100	0.00	0.0	3.711	0.034	0	0	0	2	
PL.30362	PL.4720	A	4ACSR	7.15Y	119.2	-0.00	6.79	0.00	0	0	0	0	100	0.00	0.0	3.776	0.065	0	0	0	1	
0753009	PL.30362	A	Consumer	7.15Y	119.2	0.00	6.79	0.00	0	0	0	0	100	0.00	0.0	3.776	0.000	0	0	1	1	
PL.4718	PL.4720	A	4ACSR	7.15Y	119.2	0.00	6.79	0.00	0	0	0	0	100	0.00	0.0	3.792	0.081	0	0	0	1	
075308	PL.4718	A	Consumer	7.15Y	119.2	0.00	6.79	0.00	0	0	0	0	100	0.00	0.0	3.792	0.000	0	0	1	1	
PL.26242	PL.26241	A	4ACSR	7.15Y	119.2	0.04	6.83	11.95	10	80	31	93	0.03	0.0	3.605	0.075	0	0	0	0	17	
PL.15082	PL.26242	A	4ACSR	7.15Y	119.1	0.08	6.90	11.95	10	80	31	93	0.05	0.1	3.743	0.138	0	0	0	0	17	
PL.15083	PL.15082	A	4ACSR	7.15Y	119.1	0.00	6.90	11.95	10	79	31	93	0.00	0.0	3.748	0.005	0	0	0	0	17	
PD.14-A	PL.15083	A	Closed	7.15Y	119.1	0.00	6.90	11.95	0	79	31	93	0.00	0.0	3.748	0.000	0	0	0	0	17	
PD.14-B	PD.14-A	A	Closed	7.15Y	119.1	0.00	6.90	11.95	0	79	31	93	0.00	0.0	3.748	0.000	0	0	0	0	17	
PL.15084	PD.14-B	A	4ACSR	7.14Y	119.0	0.07	6.97	11.95	10	79	31	93	0.04	0.1	3.871	0.123	0	0	0	0	17	
PL.12798	PL.15084	A	4ACSR	7.14Y	119.0	0.00	6.97	11.95	10	79	31	93	0.00	0.0	3.875	0.004	0	0	0	0	17	
PL.20502	PL.12798	A	4ACSR	7.14Y	119.0	0.02	7.00	11.68	10	78	30	93	0.01	0.0	3.917	0.042	0	0	0	0	16	
PL.20503	PL.20502	A	4ACSR	7.14Y	119.0	0.01	7.01	9.76	8	65	25	93	0.01	0.0	3.939	0.022	0	0	0	0	14	
075418	PL.20503	A	Consumer	7.14Y	119.0	0.00	7.01	0.01	0	0	0	0	100	0.00	0.0	3.939	0.000	0	0	1	1	
075446	PL.20503	A	Consumer	7.14Y	119.0	0.00	7.01	0.00	0	0	0	0	100	0.00	0.0	3.939	0.000	0	0	0	0	
075463	PL.20503	A	Consumer	7.14Y	119.0	0.00	7.01	0.00	0	0	0	0	100	0.00	0.0	3.939	0.000	0	0	0	0	
075461	PL.20503	A	Consumer	7.14Y	119.0	0.00	7.01	1.39	0	9	4	91	0.00	0.0	3.939	0.000	9	4	1	1		
PL.12799	PL.20503	A	4ACSR	7.14Y	119.0	0.02	7.02	7.08	6	47	18	93	0.01	0.0	3.992	0.053	0	0	0	0	11	
075422	PL.12799	A	Consumer	7.14Y	119.0	0.00	7.02	0.67	0	4	2	89	0.00	0.0	3.992	0.000	4	2	1	1		
PL.8268	PL.12799	A	4ACSR	7.14Y	119.0	0.02	7.04	6.40	5	43	17	93	0.01	0.0	4.046	0.054	0	0	0	0	10	
PL.8267	PL.8268	A	4ACSR	7.14Y	118.9	0.01	7.05	5.48	5	36	14	93	0.00	0.0	4.094	0.048	0	0	0	0	9	
PL.8208	PL.8267	A	4ACSR	7.14Y	118.9	0.03	7.08	5.48	5	36	14	93	0.01	0.0	4.213	0.120	0	0	0	0	9	
074454	PL.8208	A	Consumer	7.14Y	118.9	0.00	7.08	0.57	0	4	1	97	0.00	0.0	4.213	0.000	4	1	1	1		
PL.34926	PL.8208	A	4ACSR	7.13Y	118.9	0.01	7.09	4.91	4	33	13	93	0.00	0.0	4.269	0.055	0	0	0	0	8	
PD.5012-A	PL.34926	A	Closed	7.13Y	118.9	0.00	7.09	4.91	0	33	13	93	0.00	0.0	4.269	0.000	0	0	0	0	8	
PD.5012-B	PD.5012-A	A	Closed	7.13Y	118.9	0.00	7.09	4.91	0	33	13	93	0.00	0.0	4.269	0.000	0	0	0	0	8	
PL.34927	PD.5012-B	A	4ACSR	7.13Y	118.9	0.01	7.10	4.91	4	33	13	93	0.00	0.0	4.304	0.035	0	0	0	0	8	
PL.8213	PL.34927	A	4ACSR	7.13Y	118.9	0.01	7.11	3.98	3	26	10	93	0.00	0.0	4.354	0.050	0	0	0	0	7	
PL.12800	PL.8213	A	4ACSR	7.13Y	118.9	0.01	7.12	2.93	2	19	8	92	0.00	0.0	4.458	0.104	0	0	0	0	6	
PL.34885	PL.12800	A	4ACSR	7.13Y	118.9	0.00	7.13	0.99	1	7	3	92	0.00	0.0	4.466	0.009	0	0	0	0	1	
PD.4993	PL.34885	A	fuse6AMP	7.13Y	118.9	0.00	7.13	0.99	17	7	3	92	0.00	0.0	4.466	0.000	0	0	0	0	1	
PL.34886	PD.4993	A	4ACSR	7.13Y	118.9	0.00	7.13	0.99	1	7	3	92	0.00	0.0	4.526	0.060	0	0	0	0	1	
PL.5010	PL.34886	A	4ACSR	7.13Y	118.9	0.00	7.13	0.99	1	7	3	92	0.00	0.0	4.573	0.047	0	0	0	0	1	
075453	PL.5010	A	Consumer	7.13Y	118.9	0.00	7.13	0.99	0	7	3	92	0.00	0.0	4.573	0.000	7	3	1	1		
PL.12801	PL.12800	A	4ACSR	7.13Y	118.9	0.01	7.13	1.94	2	13	5	93	0.00	0.0	4.524	0.067	0	0	0	0	5	

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

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.12802	PL.12801	A	4ACSR	7.13Y	118.9	0.00	7.13	1.00	1	7	3	92	0.00	0.0	4.601	0.077	0	0	0	4
PL.34887	PL.12802	A	4ACSR	7.13Y	118.9	0.00	7.13	0.00	0	0	0	100	0.00	0.0	4.605	0.005	0	0	0	1
PD.4994	PL.34887	A	fuse6AMP	7.13Y	118.9	0.00	7.13	0.00	0	0	0	100	0.00	0.0	4.605	0.000	0	0	0	1
PL.34888	PD.4994	A	4ACSR	7.13Y	118.9	0.00	7.13	0.00	0	0	0	100	0.00	0.0	4.630	0.025	0	0	0	1
074461	PL.34888	A	Consumer	7.13Y	118.9	0.00	7.13	0.00	0	0	0	100	0.00	0.0	4.630	0.000	0	0	1	1
PL.12803	PL.12802	A	4ACSR	7.13Y	118.9	0.00	7.14	1.00	1	7	3	92	0.00	0.0	4.638	0.037	0	0	0	3
PL.32826	PL.12803	A	4ACSR	7.13Y	118.9	0.00	7.14	0.53	0	4	1	97	0.00	0.0	4.771	0.133	0	0	0	2
PL.32827	PL.32826	A	4ACSR	7.13Y	118.9	0.00	7.14	0.31	0	2	1	89	0.00	0.0	4.813	0.043	0	0	0	1
074455	PL.32827	A	Consumer	7.13Y	118.9	0.00	7.14	0.31	0	2	1	89	0.00	0.0	4.813	0.000	2	1	1	1
0744070	PL.32826	A	Consumer	7.13Y	118.9	0.00	7.14	0.22	0	1	1	71	0.00	0.0	4.771	0.000	1	1	1	1
PL.34889	PL.12803	A	4ACSR	7.13Y	118.9	0.00	7.14	0.47	0	3	1	95	0.00	0.0	4.643	0.005	0	0	0	1
PD.4995	PL.34889	A	fuse6AMP	7.13Y	118.9	0.00	7.14	0.47	8	3	1	95	0.00	0.0	4.643	0.000	0	0	0	1
PL.34890	PD.4995	A	4ACSR	7.13Y	118.9	0.00	7.14	0.47	0	3	1	95	0.00	0.0	4.687	0.044	0	0	0	1
074465	PL.34890	A	Consumer	7.13Y	118.9	0.00	7.14	0.47	0	3	1	95	0.00	0.0	4.687	0.000	3	1	1	1
074449	PL.12801	A	Consumer	7.13Y	118.9	0.00	7.13	0.94	0	6	2	95	0.00	0.0	4.524	0.000	6	2	1	1
074448	PL.8213	A	Consumer	7.13Y	118.9	0.00	7.11	1.05	0	7	3	92	0.00	0.0	4.354	0.000	7	3	1	1
074460	PL.34927	A	Consumer	7.13Y	118.9	0.00	7.10	0.93	0	6	2	95	0.00	0.0	4.304	0.000	6	2	1	1
075412	PL.8268	A	Consumer	7.14Y	119.0	0.00	7.04	0.93	0	6	2	95	0.00	0.0	4.046	0.000	6	2	1	1
PL.34910	PL.20503	A	4ACSR	7.14Y	119.0	0.00	7.01	1.28	1	8	3	94	0.00	0.0	3.952	0.013	0	0	0	1
PD.5004	PL.34910	A	fuse6AMP	7.14Y	119.0	0.00	7.01	1.28	22	8	3	94	0.00	0.0	3.952	0.000	0	0	0	1
PL.34911	PD.5004	A	4ACSR	7.14Y	119.0	0.00	7.01	1.28	1	8	3	94	0.00	0.0	3.977	0.025	0	0	0	1
075466	PL.34911	A	Consumer	7.14Y	119.0	0.00	7.01	1.28	0	8	3	94	0.00	0.0	3.977	0.000	8	3	1	1
075462	PL.20502	A	Consumer	7.14Y	119.0	0.00	7.00	0.54	0	4	1	97	0.00	0.0	3.917	0.000	4	1	1	1
075417	PL.20502	A	Consumer	7.14Y	119.0	0.00	7.00	1.38	0	9	4	91	0.00	0.0	3.917	0.000	9	4	1	1
PL.34924	PL.12798	A	4ACSR	7.14Y	119.0	0.00	6.97	0.26	0	2	1	89	0.00	0.0	3.879	0.004	0	0	0	1
PL.34925	PL.34924	A	4ACSR	7.14Y	119.0	0.00	6.97	0.26	0	2	1	89	0.00	0.0	3.921	0.042	0	0	0	1
075408	PL.34925	A	Consumer	7.14Y	119.0	0.00	6.97	0.26	0	2	1	89	0.00	0.0	3.921	0.000	2	1	1	1
075419	PL.26237	A	Consumer	7.17Y	119.5	0.00	6.50	0.00	0	0	0	100	0.00	0.0	3.090	0.000	0	0	0	0
075406	PL.26237	A	Consumer	7.17Y	119.5	0.00	6.50	0.74	0	5	2	93	0.00	0.0	3.090	0.000	5	2	1	1
075432	PL.26087	A	Consumer	7.18Y	119.6	0.00	6.37	1.00	0	7	3	92	0.00	0.0	2.925	0.000	7	3	1	1
075429	PL.26087	A	Consumer	7.18Y	119.6	0.00	6.37	0.86	0	6	2	95	0.00	0.0	2.925	0.000	6	2	1	1
075431	PL.26087	A	Consumer	7.18Y	119.6	0.00	6.37	0.00	0	0	0	100	0.00	0.0	2.925	0.000	0	0	0	0
075425	PL.26085	A	Consumer	7.19Y	119.9	0.00	6.11	1.51	0	10	4	93	0.00	0.0	2.668	0.000	10	4	1	1
075454	PL.26085	A	Consumer	7.19Y	119.9	0.00	6.11	1.31	0	9	3	95	0.00	0.0	2.668	0.000	9	3	1	1
075410	PL.26085	A	Consumer	7.19Y	119.9	0.00	6.11	0.46	0	3	1	95	0.00	0.0	2.668	0.000	3	1	1	1
075459	PL.8269	A	Consumer	7.20Y	120.0	0.00	5.97	0.79	0	5	2	93	0.00	0.0	2.562	0.000	5	2	1	1
075427	PL.8269	A	Consumer	7.20Y	120.0	0.00	5.97	0.57	0	4	1	97	0.00	0.0	2.562	0.000	4	1	1	1
075426	PL.8269	A	Consumer	7.20Y	120.0	0.00	5.97	0.33	0	2	1	89	0.00	0.0	2.562	0.000	2	1	1	1

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 CWP.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.26741	PL.12790	A	4ACSR	7.29Y	121.5	0.00	4.52	1.63	1	11	4	94	0.00	0.0	1.832	0.006	0	0	0	2	
PD.1760	PL.26741	A	fuse6AMP	7.29Y	121.5	0.00	4.52	1.63	28	11	4	94	0.00	0.0	1.832	0.000	0	0	0	2	
PL.26742	PD.1760	A	4ACSR	7.29Y	121.5	0.00	4.52	1.63	1	11	4	94	0.00	0.0	1.887	0.055	0	0	0	2	
075595	PL.26742	A	Consumer	7.29Y	121.5	0.00	4.52	0.76	0	5	2	93	0.00	0.0	1.887	0.000	5	2	1	1	
075522	PL.26742	A	Consumer	7.29Y	121.5	0.00	4.52	0.87	0	6	2	95	0.00	0.0	1.887	0.000	6	2	1	1	
075570	PL.12789	A	Consumer	7.30Y	121.7	0.00	4.30	0.71	0	5	2	93	0.00	0.0	1.729	0.000	5	2	1	1	
075504	PL.12789	A	Consumer	7.30Y	121.7	0.00	4.30	0.55	0	4	1	97	0.00	0.0	1.729	0.000	4	1	1	1	
PL.4972	PL.12789	A	4ACSR	7.30Y	121.7	0.00	4.30	0.44	0	3	1	95	0.00	0.0	1.824	0.095	0	0	0	1	
075521	PL.4972	A	Consumer	7.30Y	121.7	0.00	4.30	0.00	0	0	0	100	0.00	0.0	1.824	0.000	0	0	0	0	
075552	PL.4972	A	Consumer	7.30Y	121.7	0.00	4.30	0.44	0	3	1	95	0.00	0.0	1.824	0.000	3	1	1	1	
075525	PL.8265	A	Consumer	7.32Y	121.9	0.00	4.05	0.62	0	4	2	89	0.00	0.0	1.627	0.000	4	2	1	1	
075556	PL.8265	A	Consumer	7.32Y	121.9	0.00	4.05	0.00	0	0	0	100	0.00	0.0	1.627	0.000	0	0	1	1	
PL.34906	PL.12788	A	4ACSR	7.32Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	1.588	0.010	0	0	0	0	
PD.5003	PL.34906	A	fuse6AMP	7.32Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	1.588	0.000	0	0	0	0	
PL.34907	PD.5003	A	4ACSR	7.32Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	1.624	0.036	0	0	0	0	
PL.15246	PL.18681	A	4ACSR	7.34Y	122.4	0.00	3.61	0.85	1	6	2	95	0.00	0.0	1.473	0.005	0	0	0	2	
PD.1756	PL.15246	A	fuse6AMP	7.34Y	122.4	0.00	3.61	0.85	15	6	2	95	0.00	0.0	1.473	0.000	0	0	0	2	
PL.15247	PD.1756	A	4ACSR	7.34Y	122.4	0.00	3.62	0.85	1	6	2	95	0.00	0.0	1.535	0.062	0	0	0	2	
0755105	PL.15247	A	Consumer	7.34Y	122.4	0.00	3.62	0.03	0	0	0	100	0.00	0.0	1.535	0.000	0	0	1	1	
0755104	PL.15247	A	Consumer	7.34Y	122.4	0.00	3.62	0.82	0	6	2	95	0.00	0.0	1.535	0.000	6	2	1	1	
075540	PL.18680	A	Consumer	7.36Y	122.6	0.00	3.37	0.58	0	4	2	89	0.00	0.0	1.382	0.000	4	2	1	1	
075553	PL.27962	A	Consumer	7.36Y	122.7	0.00	3.31	1.47	0	10	4	93	0.00	0.0	1.363	0.000	10	4	1	1	
075535	PL.12786	A	Consumer	7.38Y	123.0	0.00	3.02	0.03	0	0	0	100	0.00	0.0	1.265	0.000	0	0	1	1	
075534	PL.12786	A	Consumer	7.38Y	123.0	0.00	3.02	0.40	0	3	1	95	0.00	0.0	1.265	0.000	3	1	1	1	
075530	PL.12786	A	Consumer	7.38Y	123.0	0.00	3.02	0.66	0	5	2	93	0.00	0.0	1.265	0.000	5	2	1	1	
PL.15244	PL.12785	A	4ACSR	7.39Y	123.2	0.00	2.80	1.74	1	12	5	92	0.00	0.0	1.198	0.005	0	0	0	2	
PD.1754	PL.15244	A	fuse6AMP	7.39Y	123.2	0.00	2.80	1.74	30	12	5	92	0.00	0.0	1.198	0.000	0	0	0	2	
PL.15245	PD.1754	A	4ACSR	7.39Y	123.2	0.00	2.80	1.74	1	12	5	92	0.00	0.0	1.223	0.026	0	0	0	2	
PL.24277	PL.15245	A	4ACSR	7.39Y	123.2	0.00	2.80	1.74	1	12	5	92	0.00	0.0	1.254	0.030	0	0	0	2	
074510	PL.24277	A	Consumer	7.39Y	123.2	0.00	2.80	0.99	0	7	3	92	0.00	0.0	1.254	0.000	7	3	1	1	
PL.24280	PL.24277	A	4ACSR	7.39Y	123.2	0.00	2.80	0.75	1	5	2	93	0.00	0.0	1.295	0.041	0	0	0	1	
074521	PL.24280	A	Consumer	7.39Y	123.2	0.00	2.80	0.75	0	5	2	93	0.00	0.0	1.295	0.000	5	2	1	1	
0745048	PL.24280	A	Consumer	7.39Y	123.2	0.00	2.80	0.00	0	0	0	100	0.00	0.0	1.295	0.000	0	0	0	0	
074539	PL.12784	A	Consumer	7.40Y	123.4	0.00	2.59	0.00	0	0	0	100	0.00	0.0	1.128	0.000	0	0	0	0	
074603	PL.8091	B	Consumer	7.55Y	125.8	0.00	0.22	0.41	0	3	1	95	0.00	0.0	0.933	0.000	3	1	1	1	
PL.15298	PL.41324	C	4ACSR	7.47Y	124.5	0.00	1.54	1.16	1	8	3	94	0.00	0.0	0.861	0.005	0	0	0	1	
PD.2118	PL.15298	C	fuse6AMP	7.47Y	124.5	0.00	1.54	1.16	20	8	3	94	0.00	0.0	0.861	0.000	0	0	0	1	
PL.15299	PD.2118	C	4ACSR	7.47Y	124.5	0.00	1.54	1.16	1	8	3	94	0.00	0.0	0.916	0.055	0	0	0	1	

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.4680	PL.15299	C	4ACSR	7.47Y	124.5	0.00	1.54	1.16	1	8	3	94	0.00	0.0	0.963	0.047	0	0	0	1
074609	PL.4680	C	Consumer	7.47Y	124.5	0.00	1.54	1.16	0	8	3	94	0.00	0.0	0.963	0.000	8	3	1	1
PL.15296	PL.41324	A	1/0ACSR	7.45Y	124.2	0.00	1.80	0.85	0	6	2	95	0.00	0.0	0.861	0.005	0	0	0	1
		B		7.55Y	125.8	-0.00	0.19	0.00	0	0	0	100					0	0	0	0
		C		7.47Y	124.5	0.00	1.54	0.00	0	0	0	100					0	0	0	0
PD.2110	PL.15296	A	fuse6AMP	7.45Y	124.2	0.00	1.80	0.85	14	6	2	95	0.00	0.0	0.861	0.000	0	0	0	1
		B		7.55Y	125.8	0.00	0.19	0.00	0	0	0	100					0	0	0	0
		C		7.47Y	124.5	0.00	1.54	0.00	0	0	0	100					0	0	0	0
PL.15297	PD.2110	A	1/0ACSR	7.45Y	124.2	0.00	1.80	0.85	0	6	2	95	0.00	0.0	0.970	0.109	0	0	0	1
		B		7.55Y	125.8	-0.00	0.19	0.00	0	0	0	100					0	0	0	0
		C		7.47Y	124.5	0.00	1.54	0.00	0	0	0	100					0	0	0	0
074524	PL.15297	A	Consumer	7.45Y	124.2	0.00	1.80	0.85	0	6	2	95	0.00	0.0	0.970	0.000	6	2	1	1
PL.15300	PL.41324	C	4ACSR	7.47Y	124.5	0.00	1.54	2.50	2	17	7	92	0.00	0.0	0.861	0.005	0	0	0	3
PD.2117	PL.15300	C	fuse6AMP	7.47Y	124.5	0.00	1.54	2.50	43	17	7	92	0.00	0.0	0.861	0.000	0	0	0	3
PL.15301	PD.2117	C	4ACSR	7.47Y	124.5	0.00	1.54	2.50	2	17	7	92	0.00	0.0	0.905	0.044	0	0	0	3
PL.3957	PL.15301	C	4ACSR	7.47Y	124.4	0.02	1.56	2.50	2	17	7	92	0.00	0.0	1.049	0.144	0	0	0	3
PL.3958	PL.3957	C	4ACSR	7.47Y	124.4	0.00	1.57	1.53	1	11	4	94	0.00	0.0	1.113	0.064	0	0	0	2
PL.3959	PL.3958	C	4ACSR	7.47Y	124.4	0.00	1.57	1.53	1	11	4	94	0.00	0.0	1.150	0.037	0	0	0	2
PL.3960	PL.3959	C	4ACSR	7.46Y	124.4	0.02	1.59	1.53	1	11	4	94	0.00	0.0	1.394	0.244	0	0	0	2
PL.35034	PL.3960	C	2ACSR	7.46Y	124.4	0.00	1.59	0.39	0	3	1	95	0.00	0.0	1.448	0.054	0	0	0	1
0746014	PL.35034	C	Consumer	7.46Y	124.4	0.00	1.59	0.39	0	3	1	95	0.00	0.0	1.448	0.000	3	1	1	1
074606	PL.3960	C	Consumer	7.46Y	124.4	0.00	1.59	1.14	0	8	3	94	0.00	0.0	1.394	0.000	8	3	1	1
074602	PL.3957	C	Consumer	7.47Y	124.4	0.00	1.56	0.96	0	7	3	92	0.00	0.0	1.049	0.000	7	3	1	1
PL.15302	PL.12782	A	4ACSR	7.50Y	125.0	0.00	1.02	0.50	0	3	1	95	0.00	0.0	0.554	0.005	0	0	0	1
PD.2140	PL.15302	A	fuse6AMP	7.50Y	125.0	0.00	1.02	0.50	8	3	1	95	0.00	0.0	0.554	0.000	0	0	0	1
PL.15303	PD.2140	A	4ACSR	7.50Y	125.0	0.00	1.02	0.50	0	3	1	95	0.00	0.0	0.593	0.040	0	0	0	1
PL.8214	PL.15303	A	4ACSR	7.50Y	125.0	0.00	1.02	0.50	0	3	1	95	0.00	0.0	0.594	0.001	0	0	0	1
074540	PL.8214	A	Consumer	7.50Y	125.0	0.00	1.02	0.50	0	3	1	95	0.00	0.0	0.594	0.000	3	1	1	1
PL.24275	PL.8214	A	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	0.653	0.059	0	0	0	0
074523	PL.24275	A	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	0.653	0.000	0	0	0	0
074507	PL.20088	B	Consumer	7.56Y	126.0	0.00	0.03	0.54	0	4	1	97	0.00	0.0	0.485	0.000	4	1	1	1
074520	PL.20088	B	Consumer	7.56Y	126.0	0.00	0.03	0.90	0	6	2	95	0.00	0.0	0.485	0.000	6	2	1	1
074519	PL.21503	A	Consumer	7.52Y	125.3	0.00	0.73	0.75	0	5	2	93	0.00	0.0	0.435	0.000	5	2	1	1
074516	PL.12731	B	Consumer	7.56Y	126.0	0.00	-0.01	0.55	0	4	2	89	0.00	0.0	0.394	0.000	4	2	1	1
0745047	PL.12731	B	Consumer	7.56Y	126.0	0.00	-0.01	0.73	0	5	2	93	0.00	0.0	0.394	0.000	5	2	1	1
PL.15305	PL.12731	A	4ACSR	7.52Y	125.4	0.00	0.63	0.86	1	6	2	95	0.00	0.0	0.400	0.005	0	0	0	1
PD.2116	PL.15305	A	fuse6AMP	7.52Y	125.4	0.00	0.63	0.86	15	6	2	95	0.00	0.0	0.400	0.000	0	0	0	1
PL.15306	PD.2116	A	4ACSR	7.52Y	125.4	0.00	0.63	0.86	1	6	2	95	0.00	0.0	0.470	0.070	0	0	0	1
074542	PL.15306	A	Consumer	7.52Y	125.4	0.00	0.63	0.86	0	6	2	95	0.00	0.0	0.470	0.000	6	2	1	1
074530	PL.15306	A	Consumer	7.52Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	0.470	0.000	0	0	0	0
074537	PL.15309	C	Consumer	7.54Y	125.7	0.00	0.26	0.43	0	3	1	95	0.00	0.0	0.249	0.000	3	1	1	1

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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 074506, PL.21153, etc., and a section for Feeder No. 1 (HARDWICK1).

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.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						
PL.20082	PL.20083	A	1/0ACSR	7.58Y	126.3	-0.02	-0.32	2.11	1	15	6	93	0.11	0.0	1.594	0.095	0	0	0	6						
		B		7.50Y	125.1	0.05	0.94	18.37	9	128	51	93					0	0	0	27						
		C		7.49Y	124.9	0.06	1.09	29.86	15	203	95	91					0	0	0	31						
RG.25	PL.20082	A	1ph-100A-7	7.56Y	126.0	0.32	0.00	2.11	2	15	6	93	percent Boost=-0.26 Tap=-0.4													6
		B		7.56Y	126.0	-0.94	0.00	18.37	18	128	51	93	percent Boost= 0.75 Tap= 1.2													
		C		7.56Y	126.0	-1.09	0.00	29.86	30	203	95	91	percent Boost= 0.88 Tap= 1.4													
PL.15392	RG.25	A	1/0ACSR	7.56Y	126.0	-0.05	-0.05	2.12	1	15	6	93	0.32	0.1	1.871	0.277	0	0	0	6						
		B		7.55Y	125.9	0.14	0.14	18.23	9	128	51	93					0	0	0	27						
		C		7.55Y	125.8	0.17	0.17	29.60	15	203	95	91					0	0	0	31						
C C	PD.2125	A	fuse6AMP	7.56Y	126.0	0.00	-0.05	2.12	36	15	6	93	0.00	0.0	1.871	0.000	0	0	0	6						
		B		7.55Y	125.9	0.00	0.14	18.23	311	128	51	93					0	0	0	27						
		C		7.55Y	125.8	0.00	0.17	29.60	506	203	94	91					0	0	0	31						
PL.15391	PD.2125	A	1/0ACSR	7.56Y	126.0	-0.00	-0.05	2.12	1	15	6	93	0.01	0.0	1.877	0.006	0	0	0	6						
		B		7.55Y	125.9	0.00	0.14	18.23	9	128	51	93					0	0	0	27						
		C		7.55Y	125.8	0.00	0.17	29.60	15	203	94	91					0	0	0	31						

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.12559	PL.15391	A	1/0ACSR	7.56Y	126.1	-0.02	-0.07	2.12	1	15	6	93	0.12	0.0	1.983	0.106	0	0	0	6
		B		7.55Y	125.8	0.05	0.19	18.23	9	128	51	93					0	0	0	27
		C		7.55Y	125.8	0.06	0.24	29.60	15	203	94	91					0	0	0	31
PL.8171	PL.12559	A	1/0ACSR	7.56Y	126.1	-0.00	-0.07	1.97	1	14	5	94	0.03	0.0	2.034	0.052	0	0	0	6
		B		7.55Y	125.8	0.02	0.22	18.09	9	127	50	93					0	0	0	27
		C		7.54Y	125.7	0.02	0.25	18.37	9	129	52	93					0	0	0	27
PL.15396	PL.8171	A	1/0ACSR	7.56Y	126.1	-0.00	-0.07	1.97	1	14	5	94	0.00	0.0	2.040	0.006	0	0	0	6
		B		7.55Y	125.8	0.00	0.22	18.09	9	127	50	93					0	0	0	27
		C		7.54Y	125.7	0.00	0.25	18.37	9	129	52	93					0	0	0	27
PD.510-B	PL.15396	A	Closed	7.56Y	126.1	0.00	-0.07	1.97	0	14	5	94	0.00	0.0	2.040	0.000	0	0	0	6
		B		7.55Y	125.8	0.00	0.22	18.09	0	127	50	93					0	0	0	27
		C		7.54Y	125.7	0.00	0.25	18.37	0	129	52	93					0	0	0	27
PD.510-A	PD.510-B	A	Closed	7.56Y	126.1	0.00	-0.07	1.97	0	14	5	94	0.00	0.0	2.040	0.000	0	0	0	6
		B		7.55Y	125.8	0.00	0.22	18.09	0	127	50	93					0	0	0	27
		C		7.54Y	125.7	0.00	0.25	18.37	0	129	52	93					0	0	0	27
PL.15395	PD.510-A	A	1/0ACSR	7.56Y	126.1	-0.00	-0.07	1.97	1	14	5	94	0.01	0.0	2.055	0.015	0	0	0	6
		B		7.55Y	125.8	0.01	0.23	18.09	9	127	50	93					0	0	0	27
		C		7.54Y	125.7	0.00	0.26	18.37	9	129	52	93					0	0	0	27
PL.24299	PL.15395	A	1/0ACSR	7.56Y	126.1	-0.00	-0.07	1.97	1	14	5	94	0.03	0.0	2.107	0.052	0	0	0	6
		B		7.54Y	125.7	0.03	0.25	18.09	9	127	50	93					0	0	0	27
		C		7.54Y	125.7	0.02	0.27	18.37	9	129	52	93					0	0	0	27
PL.24300	PL.24299	A	1/0ACSR	7.56Y	126.1	-0.00	-0.08	1.97	1	14	5	94	0.03	0.0	2.148	0.041	0	0	0	6
		B		7.54Y	125.7	0.02	0.27	17.66	9	124	49	93					0	0	0	25
		C		7.54Y	125.7	0.01	0.29	18.37	9	129	52	93					0	0	0	27
PL.20084	PL.24300	A	1/0ACSR	7.56Y	126.1	-0.00	-0.08	1.97	1	14	5	94	0.01	0.0	2.162	0.015	0	0	0	6
		B		7.54Y	125.7	0.01	0.28	16.72	8	117	47	93					0	0	0	24
		C		7.54Y	125.7	0.00	0.29	18.37	9	129	52	93					0	0	0	27
PL.20085	PL.20084	A	1/0ACSR	7.56Y	126.1	-0.00	-0.08	1.97	1	14	5	94	0.02	0.0	2.208	0.046	0	0	0	6
		B		7.54Y	125.7	0.02	0.30	15.30	8	107	43	93					0	0	0	23
		C		7.54Y	125.7	0.02	0.31	18.37	9	129	52	93					0	0	0	27
PL.20086	PL.20085	A	1/0ACSR	7.57Y	126.1	-0.00	-0.09	1.75	1	12	5	92	0.03	0.0	2.272	0.064	0	0	0	5
		B		7.54Y	125.7	0.03	0.32	15.30	8	107	43	93					0	0	0	23
		C		7.54Y	125.7	0.02	0.32	15.13	8	106	43	93					0	0	0	22
PL.22706	PL.20086	A	1/0ACSR	7.57Y	126.1	-0.00	-0.09	1.75	1	12	5	92	0.02	0.0	2.311	0.039	0	0	0	5
		B		7.54Y	125.7	0.01	0.34	13.42	7	94	37	93					0	0	0	19
		C		7.54Y	125.7	0.01	0.33	15.08	8	105	43	93					0	0	0	21
PL.19189	PL.22706	A	1/0ACSR	7.57Y	126.1	-0.00	-0.09	1.75	1	12	5	92	0.01	0.0	2.335	0.024	0	0	0	5
		B		7.54Y	125.7	0.01	0.34	8.49	4	59	24	93					0	0	0	11
		C		7.54Y	125.7	0.01	0.34	15.08	8	105	43	93					0	0	0	21
PL.24301	PL.19189	A	1/0ACSR	7.57Y	126.1	-0.00	-0.09	1.75	1	12	5	92	0.01	0.0	2.370	0.035	0	0	0	5
		B		7.54Y	125.7	0.00	0.34	0.00	0	0	0	100					0	0	0	0
		C		7.54Y	125.6	0.01	0.35	15.08	8	105	43	93					0	0	0	21
PL.12741	PL.24301	A	1/0ACSR	7.57Y	126.1	0.00	-0.09	1.75	1	12	5	92	0.00	0.0	2.428	0.058	0	0	0	5
		B		7.54Y	125.7	-0.00	0.34	0.00	0	0	0	100					0	0	0	0
		C		7.54Y	125.6	0.00	0.36	2.85	1	20	9	91					0	0	0	3
PL.12740	PL.12741	A	1/0ACSR	7.57Y	126.1	0.00	-0.09	1.05	1	7	3	92	0.00	0.0	2.447	0.019	0	0	0	3
		B		7.54Y	125.7	-0.00	0.34	0.00	0	0	0	100					0	0	0	0
		C		7.54Y	125.6	0.00	0.36	0.71	0	5	2	93					0	0	0	1
PL.26685	PL.12740	A	1/0ACSR	7.57Y	126.1	0.00	-0.09	0.00	0	0	0	100	0.00	0.0	2.452	0.006	0	0	0	0
		B		7.54Y	125.7	0.00	0.34	0.00	0	0	0	100					0	0	0	0
		C		7.54Y	125.6	0.00	0.36	0.00	0	0	0	100					0	0	0	0
SW30-B	PL.26685	A	Open	7.57Y	126.1	0.00	-0.09	0.00	0	0	0	100	0.00	0.0	2.452	0.000	0	0	0	0
		B		7.54Y	125.7	0.00	0.34	0.00	0	0	0	100					0	0	0	0
		C		7.54Y	125.6	0.00	0.36	0.00	0	0	0	100					0	0	0	0
PL.26682	PL.12740	C	4ACSR	7.54Y	125.6	0.00	0.36	0.71	1	5	2	93	0.00	0.0	2.452	0.005	0	0	0	1
PD.2818	PL.26682	C	fuse6AMP	7.54Y	125.6	0.00	0.36	0.71	12	5	2	93	0.00	0.0	2.452	0.000	0	0	0	1

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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			
PL.26683	PD.2818	C	4ACSR	7.54Y	125.6	0.00	0.36	0.71	1	5	2	93	0.00	0.0	2.481	0.029	0	0	0	1	
516909	PL.26683	C	Consumer	7.54Y	125.6	0.00	0.36	0.71	0	5	2	93	0.00	0.0	2.481	0.000	5	2	1	1	
5159030	PL.12740	A	Consumer	7.57Y	126.1	0.00	-0.09	0.86	0	6	2	95	0.00	0.0	2.447	0.000	2	1	1	2	
5159029	5159030	A	Consumer	7.57Y	126.1	0.00	-0.09	0.59	0	4	2	89	0.00	0.0	2.447	0.000	4	2	1	1	
5159028	PL.12740	A	Consumer	7.57Y	126.1	0.00	-0.09	0.18	0	1	1	71	0.00	0.0	2.447	0.000	1	1	1	1	
5159027	5159028	A	Consumer	7.57Y	126.1	0.00	-0.09	0.00	0	0	0	100	0.00	0.0	2.447	0.000	0	0	0	0	
515902	PL.12741	C	Consumer	7.54Y	125.6	0.00	0.36	0.13	0	1	0	100	0.00	0.0	2.428	0.000	1	0	1	1	
516925	PL.12741	A	Consumer	7.57Y	126.1	0.00	-0.09	0.42	0	3	1	95	0.00	0.0	2.428	0.000	3	1	1	1	
516926	PL.12741	A	Consumer	7.57Y	126.1	0.00	-0.09	0.28	0	2	1	89	0.00	0.0	2.428	0.000	2	1	1	1	
516928	PL.12741	C	Consumer	7.54Y	125.6	0.00	0.36	2.02	0	14	7	89	0.00	0.0	2.428	0.000	14	7	1	1	
516801	PL.24301	C	Consumer	7.54Y	125.6	0.00	0.35	1.56	0	11	4	94	0.00	0.0	2.370	0.000	11	4	1	1	
516802	PL.24301	C	Consumer	7.54Y	125.6	0.00	0.35	1.29	0	9	4	91	0.00	0.0	2.370	0.000	9	4	1	1	
PL.26690	PL.24301	C	4ACSR	7.54Y	125.6	0.00	0.36	8.76	7	62	24	93	0.00	0.0	2.376	0.005	0	0	0	14	
C PD.2821	PL.26690	C	fuse6AMP	7.54Y	125.6	0.00	0.36	8.76	150	62	24	93	0.00	0.0	2.376	0.000	0	0	0	14 C	
PL.26691	PD.2821	C	4ACSR	7.54Y	125.6	0.01	0.36	8.76	7	62	24	93	0.00	0.0	2.399	0.023	0	0	0	14	
PL.12560	PL.26691	C	4ACSR	7.54Y	125.6	0.01	0.37	8.34	7	59	23	93	0.00	0.0	2.423	0.024	0	0	0	13	
516913	PL.12560	C	Consumer	7.54Y	125.6	0.00	0.37	0.79	0	6	2	95	0.00	0.0	2.423	0.000	6	2	1	1	
516922	PL.12560	C	Consumer	7.54Y	125.6	0.00	0.37	1.08	0	8	3	94	0.00	0.0	2.423	0.000	8	3	1	1	
516915	PL.12560	C	Consumer	7.54Y	125.6	0.00	0.37	0.46	0	3	1	95	0.00	0.0	2.423	0.000	3	1	1	1	
516914	PL.12560	C	Consumer	7.54Y	125.6	0.00	0.37	0.42	0	3	1	95	0.00	0.0	2.423	0.000	3	1	1	1	
516901	PL.12560	C	Consumer	7.54Y	125.6	0.00	0.37	0.71	0	5	2	93	0.00	0.0	2.423	0.000	5	2	1	1	
PL.12739	PL.12560	C	4ACSR	7.54Y	125.6	0.01	0.38	4.87	4	34	13	93	0.00	0.0	2.449	0.026	0	0	0	8	
516923	PL.12739	C	Consumer	7.54Y	125.6	0.00	0.38	0.73	0	5	2	93	0.00	0.0	2.449	0.000	5	2	1	1	
516916	PL.12739	C	Consumer	7.54Y	125.6	0.00	0.38	0.02	0	0	0	100	0.00	0.0	2.449	0.000	0	0	1	1	
516917	PL.12739	C	Consumer	7.54Y	125.6	0.00	0.38	0.64	0	4	2	89	0.00	0.0	2.449	0.000	4	2	1	1	
516927	PL.12739	C	Consumer	7.54Y	125.6	0.00	0.38	0.61	0	4	2	89	0.00	0.0	2.449	0.000	4	2	1	1	
PL.25015	PL.12739	C	4ACSR	7.54Y	125.6	0.00	0.38	2.87	2	20	8	93	0.00	0.0	2.482	0.033	0	0	0	4	
5179013	PL.25015	C	Consumer	7.54Y	125.6	0.00	0.38	0.17	0	1	0	100	0.00	0.0	2.482	0.000	1	0	1	1	
516918	PL.25015	C	Consumer	7.54Y	125.6	0.00	0.38	0.81	0	6	2	95	0.00	0.0	2.482	0.000	6	2	1	1	
517902	PL.25015	C	Consumer	7.54Y	125.6	0.00	0.38	0.68	0	5	2	93	0.00	0.0	2.482	0.000	5	2	1	1	
516919	PL.25015	C	Consumer	7.54Y	125.6	0.00	0.38	1.21	0	8	3	94	0.00	0.0	2.482	0.000	8	3	1	1	
517904	PL.25015	C	Consumer	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	2.482	0.000	0	0	0	0	
516920	PL.26691	C	Consumer	7.54Y	125.6	0.00	0.36	0.42	0	3	1	95	0.00	0.0	2.399	0.000	3	1	1	1	
PL.3374	PL.24301	A	1/0ACSR	7.57Y	126.1	-0.00	-0.09	0.00	0	0	0	100	0.00	0.0	2.433	0.063	0	0	0	0	
		B		7.54Y	125.7	0.00	0.34	0.00	0	0	0	100					0	0	0	0	
		C		7.54Y	125.6	0.00	0.35	0.63	0	4	2	93					0	0	0	2	
517801	PL.3374	C	Consumer	7.54Y	125.6	0.00	0.35	0.53	0	4	1	97	0.00	0.0	2.433	0.000	4	1	1	1	
516803	PL.3374	C	Consumer	7.54Y	125.6	0.00	0.35	0.09	0	1	0	100	0.00	0.0	2.433	0.000	1	0	1	1	
517811	PL.19189	B	Consumer	7.54Y	125.7	0.00	0.34	0.34	0	2	1	89	0.00	0.0	2.335	0.000	2	1	1	1	

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.15946	PL.19189	B	4ACSR	7.54Y	125.7	0.00	0.35	8.14	7	57	23	93	0.00	0.0	2.341	0.005	0	0	0	10		
C PD.2820	PL.15946	B	fuse6AMP	7.54Y	125.7	0.00	0.35	8.14	139	57	23	93	0.00	0.0	2.341	0.000	0	0	0	10	C	
PL.15947	PD.2820	B	4ACSR	7.54Y	125.6	0.01	0.36	8.14	7	57	23	93	0.00	0.0	2.372	0.031	0	0	0	10		
PL.3375	PL.15947	B	4ACSR	7.54Y	125.6	0.01	0.37	7.12	6	50	20	93	0.00	0.0	2.405	0.033	0	0	0	8		
517901	PL.3375	B	Consumer	7.54Y	125.6	0.00	0.37	1.11	0	8	3	94	0.00	0.0	2.405	0.000	8	3	1	1		
517906	PL.3375	B	Consumer	7.54Y	125.6	0.00	0.37	0.85	0	6	2	95	0.00	0.0	2.405	0.000	6	2	1	1		
517909	PL.3375	B	Consumer	7.54Y	125.6	0.00	0.37	0.53	0	4	1	97	0.00	0.0	2.405	0.000	4	1	1	1		
517910	PL.3375	B	Consumer	7.54Y	125.6	0.00	0.37	0.76	0	5	2	93	0.00	0.0	2.405	0.000	5	2	1	1		
517912	PL.3375	B	Consumer	7.54Y	125.6	0.00	0.37	1.33	0	9	4	91	0.00	0.0	2.405	0.000	9	4	1	1		
517908	PL.3375	B	Consumer	7.54Y	125.6	0.00	0.37	1.02	0	7	3	92	0.00	0.0	2.405	0.000	7	3	1	1		
517905	PL.3375	B	Consumer	7.54Y	125.6	0.00	0.37	0.97	0	7	3	92	0.00	0.0	2.405	0.000	7	3	1	1		
517907	PL.3375	B	Consumer	7.54Y	125.6	0.00	0.37	0.56	0	4	2	89	0.00	0.0	2.405	0.000	4	2	1	1		
517803	PL.15947	B	Consumer	7.54Y	125.6	0.00	0.36	0.19	0	1	1	71	0.00	0.0	2.372	0.000	1	1	1	1		
517802	PL.15947	B	Consumer	7.54Y	125.6	0.00	0.36	0.00	0	0	0	100	0.00	0.0	2.372	0.000	0	0	0	0		
517911	PL.15947	B	Consumer	7.54Y	125.6	0.00	0.36	0.00	0	0	0	100	0.00	0.0	2.372	0.000	0	0	0	0		
517903	PL.15947	B	Consumer	7.54Y	125.6	0.00	0.36	0.84	0	6	3	89	0.00	0.0	2.372	0.000	6	3	1	1		
517806	PL.22706	B	Consumer	7.54Y	125.7	0.00	0.34	0.34	0	2	1	89	0.00	0.0	2.311	0.000	2	1	1	1		
517817	PL.22706	B	Consumer	7.54Y	125.7	0.00	0.34	0.68	0	5	2	93	0.00	0.0	2.311	0.000	5	2	1	1		
517813	PL.22706	B	Consumer	7.54Y	125.7	0.00	0.34	0.72	0	5	2	93	0.00	0.0	2.311	0.000	5	2	1	1		
517818	PL.22706	B	Consumer	7.54Y	125.7	0.00	0.34	0.29	0	2	1	89	0.00	0.0	2.311	0.000	2	1	1	1		
517804	PL.22706	B	Consumer	7.54Y	125.7	0.00	0.34	1.13	0	8	3	94	0.00	0.0	2.311	0.000	8	3	1	1		
517816	PL.22706	B	Consumer	7.54Y	125.7	0.00	0.34	0.53	0	4	1	97	0.00	0.0	2.311	0.000	4	1	1	1		
517805	PL.22706	B	Consumer	7.54Y	125.7	0.00	0.34	0.84	0	6	2	95	0.00	0.0	2.311	0.000	6	2	1	1		
517815	PL.22706	B	Consumer	7.54Y	125.7	0.00	0.34	0.40	0	3	1	95	0.00	0.0	2.311	0.000	3	1	1	1		
517807	PL.20086	B	Consumer	7.54Y	125.7	0.00	0.32	0.09	0	1	0	100	0.00	0.0	2.272	0.000	1	0	1	1		
517827	PL.20086	B	Consumer	7.54Y	125.7	0.00	0.32	0.29	0	2	1	89	0.00	0.0	2.272	0.000	2	1	1	1		
517828	PL.20086	C	Consumer	7.54Y	125.7	0.00	0.32	0.05	0	0	0	100	0.00	0.0	2.272	0.000	0	0	1	1		
517808	PL.20086	B	Consumer	7.54Y	125.7	0.00	0.32	0.59	0	4	2	89	0.00	0.0	2.272	0.000	4	2	1	1		
517819	PL.20086	B	Consumer	7.54Y	125.7	0.00	0.32	0.91	0	6	3	89	0.00	0.0	2.272	0.000	6	3	1	1		
517810	PL.20085	C	Consumer	7.54Y	125.7	0.00	0.31	0.77	0	5	2	93	0.00	0.0	2.208	0.000	5	2	1	1		
518803	PL.20085	A	Consumer	7.56Y	126.1	0.00	-0.08	0.22	0	2	1	89	0.00	0.0	2.208	0.000	2	1	1	1		
518805	PL.20085	C	Consumer	7.54Y	125.7	0.00	0.31	0.84	0	6	2	95	0.00	0.0	2.208	0.000	6	2	1	1		
518802	PL.20085	A	Consumer	7.56Y	126.1	0.00	-0.08	0.00	0	0	0	100	0.00	0.0	2.208	0.000	0	0	0	0		
518808	PL.20085	C	Consumer	7.54Y	125.7	0.00	0.31	0.42	0	3	1	95	0.00	0.0	2.208	0.000	3	1	1	1		
518801	PL.20085	A	Consumer	7.56Y	126.1	0.00	-0.08	0.00	0	0	0	100	0.00	0.0	2.208	0.000	0	0	0	0		
518807	PL.20085	C	Consumer	7.54Y	125.7	0.00	0.31	0.87	0	6	2	95	0.00	0.0	2.208	0.000	6	2	1	1		
517809	PL.20085	C	Consumer	7.54Y	125.7	0.00	0.31	0.33	0	2	1	89	0.00	0.0	2.208	0.000	2	1	1	1		
518804	PL.20084	B	Consumer	7.54Y	125.7	0.00	0.28	1.43	0	10	4	93	0.00	0.0	2.162	0.000	10	4	1	1		

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 519803, 519804, 519805, 072510, 072511, PL.15393, PD.2124, PL.15394, 072527, 072525, PL.8172, PL.25167, PL.4903, PL.4904, 072519, PL.4902, 072508, PL.4909, PL.4908, PL.4910, PL.4905, PL.4906, PL.4907, PL.4607, PL.4310.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.4676, 072524, 072507, etc.

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.4678	PL.4679	C	4ACSR	7.51Y	125.1	0.01	0.88	1.59	1	11	4	94	0.00	0.0	1.672	0.077	0	0	0	2
073611	PL.4678	C	Consumer	7.51Y	125.1	0.00	0.88	1.44	0	10	4	93	0.00	0.0	1.672	0.000	10	4	1	1
0736014	PL.4678	C	Consumer	7.51Y	125.1	0.00	0.88	0.15	0	1	0	100	0.00	0.0	1.672	0.000	1	0	1	1
073535	PL.24455	C	Consumer	7.51Y	125.1	0.00	0.86	0.85	0	6	2	95	0.00	0.0	1.394	0.000	6	2	1	1
PL.15076	PL.12738	C	4ACSR	7.52Y	125.3	0.00	0.69	4.28	4	30	12	93	0.00	0.0	0.975	0.005	0	0	0	6
PD.2119	PL.15076	C	fuse6AMP	7.52Y	125.3	0.00	0.69	4.28	73	30	12	93	0.00	0.0	0.975	0.000	0	0	0	6
PL.15077	PD.2119	C	4ACSR	7.52Y	125.3	0.01	0.70	4.28	4	30	12	93	0.00	0.0	1.022	0.047	0	0	0	6
PL.24451	PL.15077	C	4ACSR	7.52Y	125.3	0.00	0.70	0.80	1	6	2	95	0.00	0.0	1.077	0.056	0	0	0	1
073511	PL.24451	C	Consumer	7.52Y	125.3	0.00	0.70	0.80	0	6	2	95	0.00	0.0	1.077	0.000	6	2	1	1
PL.12551	PL.15077	C	4ACSR	7.52Y	125.3	0.01	0.70	3.48	3	24	10	92	0.00	0.0	1.065	0.044	0	0	0	5
PL.12552	PL.12551	C	4ACSR	7.52Y	125.3	0.01	0.71	2.65	2	19	7	94	0.00	0.0	1.142	0.077	0	0	0	4
PL.24454	PL.12552	C	4ACSR	7.52Y	125.3	0.00	0.72	1.54	1	11	4	94	0.00	0.0	1.212	0.070	0	0	0	2
0735042	PL.24454	C	Consumer	7.52Y	125.3	0.00	0.72	0.68	0	5	2	93	0.00	0.0	1.212	0.000	5	2	1	1
073513	PL.24454	C	Consumer	7.52Y	125.3	0.00	0.72	0.86	0	6	2	95	0.00	0.0	1.212	0.000	6	2	1	1
073512	PL.12552	C	Consumer	7.52Y	125.3	0.00	0.71	0.92	0	6	3	89	0.00	0.0	1.142	0.000	6	3	1	1
PL.24452	PL.12552	C	4ACSR	7.52Y	125.3	0.00	0.71	0.18	0	1	0	100	0.00	0.0	1.226	0.084	0	0	0	1
PL.24453	PL.24452	C	4ACSR	7.52Y	125.3	0.00	0.71	0.18	0	1	0	100	0.00	0.0	1.255	0.029	0	0	0	1
PL.3965	PL.24453	C	4ACSR	7.52Y	125.3	0.00	0.72	0.18	0	1	0	100	0.00	0.0	1.356	0.101	0	0	0	1
073601	PL.3965	C	Consumer	7.52Y	125.3	0.00	0.72	0.18	0	1	0	100	0.00	0.0	1.356	0.000	1	0	1	1
073524	PL.12551	C	Consumer	7.52Y	125.3	0.00	0.70	0.84	0	6	2	95	0.00	0.0	1.065	0.000	6	2	1	1
PL.24462	PL.12737	A	4ACSR	7.57Y	126.2	0.00	-0.17	1.24	1	9	3	95	0.00	0.0	0.927	0.067	0	0	0	1
073538	PL.24462	A	Consumer	7.57Y	126.2	0.00	-0.17	1.24	0	9	3	95	0.00	0.0	0.927	0.000	9	3	1	1
073516	PL.12737	B	Consumer	7.53Y	125.5	0.00	0.52	0.52	0	4	1	97	0.00	0.0	0.860	0.000	4	1	1	1
PL.15074	PL.12737	B	4ACSR	7.53Y	125.5	0.00	0.52	1.84	2	13	5	93	0.00	0.0	0.866	0.005	0	0	0	3
PD.2199	PL.15074	B	fuse6AMP	7.53Y	125.5	0.00	0.52	1.84	31	13	5	93	0.00	0.0	0.866	0.000	0	0	0	3
PL.15075	PD.2199	B	4ACSR	7.53Y	125.5	0.01	0.53	1.84	2	13	5	93	0.00	0.0	0.973	0.107	0	0	0	3
073537	PL.15075	B	Consumer	7.53Y	125.5	0.00	0.53	0.34	0	2	1	89	0.00	0.0	0.973	0.000	2	1	1	1
PL.24464	PL.15075	B	4ACSR	7.53Y	125.5	0.01	0.54	1.50	1	10	4	93	0.00	0.0	1.086	0.113	0	0	0	2
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

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

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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	kW Loss		% Loss	Length (mi)			KW	KVAR
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	90		0.00	3439
KVAR	1344	0	-329	0	0	0	115			1130

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 118.86 volts on PL.32827	7.14 volts on PL.32827	0.40 volts on PL.12783
B-Phase -> 118.91 volts on PL.8175	7.09 volts on PL.8175	1.42 volts on PL.46028
C-Phase -> 115.81 volts on PL.25295	10.19 volts on PL.25295	0.61 volts on PL.44344

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 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.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	39.61	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	34.03	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	33.44	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	33.44	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\EXISTING JUL05 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	22.31	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	22.31	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	22.31	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	22.31	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	22.31	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	22.31	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	22.31	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	22.31	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	21.53	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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
086512	PL.14205	A	Consumer	7.34Y	122.4	0.00	3.64	0.00	0	0	0	100	0.00	0.0	2.761	0.000	0	0	0	0
PL.14206	PL.14205	A	4ACSR	7.34Y	122.3	0.09	3.73	20.14	17	138	54	93	0.10	0.1	2.862	0.101	0	0	0	45
086412	PL.14206	A	Consumer	7.34Y	122.3	0.00	3.73	0.99	0	7	3	92	0.00	0.0	2.862	0.000	7	3	1	1
PL.20477	PL.14206	A	4ACSR	7.33Y	122.2	0.05	3.78	19.15	16	131	51	93	0.05	0.0	2.917	0.055	0	0	0	44
PL.20478	PL.20477	A	4ACSR	7.33Y	122.2	0.05	3.83	19.15	16	131	51	93	0.05	0.0	2.975	0.058	0	0	0	44
PL.41464	PL.20478	A	4ACSR	7.33Y	122.2	0.01	3.85	18.64	16	127	50	93	0.01	0.0	2.992	0.017	0	0	0	43
PD.7448-A	PL.41464	A	Closed	7.33Y	122.2	0.00	3.85	18.64	0	127	50	93	0.00	0.0	2.992	0.000	0	0	0	43
PD.7448-B	PD.7448-A	A	Closed	7.33Y	122.2	0.00	3.85	18.64	0	127	50	93	0.00	0.0	2.992	0.000	0	0	0	43
PL.41465	PD.7448-B	A	4ACSR	7.32Y	122.1	0.09	3.94	18.64	16	127	50	93	0.09	0.1	3.099	0.107	0	0	0	43
PL.15607	PL.41465	A	4ACSR	7.32Y	122.1	0.00	3.94	18.64	16	127	50	93	0.00	0.0	3.104	0.005	0	0	0	43
086410	PL.15607	A	Consumer	7.32Y	122.1	0.00	3.94	0.45	0	3	1	95	0.00	0.0	3.104	0.000	3	1	1	1
PL.8477	PL.15607	A	4ACSR	7.32Y	122.0	0.04	3.98	18.19	15	124	48	93	0.03	0.0	3.147	0.043	0	0	0	42
086423	PL.8477	A	Consumer	7.32Y	122.0	0.00	3.98	0.57	0	4	1	97	0.00	0.0	3.147	0.000	4	1	1	1
PL.13061	PL.8477	A	4ACSR	7.32Y	122.0	0.05	4.03	17.63	15	120	47	93	0.05	0.0	3.212	0.065	0	0	0	41
086417	PL.13061	A	Consumer	7.32Y	122.0	0.00	4.03	0.00	0	0	0	100	0.00	0.0	3.212	0.000	0	0	0	0
086406	PL.13061	A	Consumer	7.32Y	122.0	0.00	4.03	0.15	0	1	0	100	0.00	0.0	3.212	0.000	1	0	1	1
PL.20929	PL.13061	A	4ACSR	7.31Y	121.9	0.07	4.10	17.47	15	119	46	93	0.07	0.1	3.306	0.093	0	0	0	40
PL.20930	PL.20929	A	4ACSR	7.31Y	121.9	0.00	4.11	16.86	14	115	45	93	0.00	0.0	3.310	0.004	0	0	0	39
PL.20943	PL.20930	A	4ACSR	7.31Y	121.9	0.00	4.11	16.86	14	115	45	93	0.00	0.0	3.312	0.002	0	0	0	39
PL.20944	PL.20943	A	4ACSR	7.31Y	121.8	0.11	4.22	16.86	14	115	45	93	0.10	0.1	3.461	0.148	0	0	0	39
PL.18576	PL.20944	A	4ACSR	7.31Y	121.8	0.01	4.23	16.86	14	115	45	93	0.01	0.0	3.468	0.007	0	0	0	39
PD.3461	PL.18576	A	50V4E	7.31Y	121.8	0.00	4.23	16.86	34	115	45	93	0.00	0.0	3.468	0.000	0	0	0	39
PL.18577	PD.3461	A	4ACSR	7.30Y	121.7	0.06	4.29	16.86	14	115	45	93	0.05	0.0	3.544	0.076	0	0	0	39
PL.14396	PL.18577	A	4ACSR	7.30Y	121.7	0.01	4.30	16.67	14	113	44	93	0.01	0.0	3.564	0.019	0	0	0	37
PL.25303	PL.14396	A	4ACSR	7.28Y	121.3	0.40	4.70	16.67	14	113	44	93	0.34	0.3	4.081	0.517	0	0	0	37
PL.27616	PL.25303	A	4ACSR	7.27Y	121.2	0.09	4.79	16.67	14	113	44	93	0.08	0.1	4.200	0.120	0	0	0	37
PD.2487-A	PL.27616	A	Closed	7.27Y	121.2	0.00	4.79	16.67	0	113	44	93	0.00	0.0	4.200	0.000	0	0	0	37
PD.2487-B	PD.2487-A	A	Closed	7.27Y	121.2	0.00	4.79	16.67	0	113	44	93	0.00	0.0	4.200	0.000	0	0	0	37
PL.27617	PD.2487-B	A	4ACSR	7.27Y	121.2	0.01	4.80	16.67	14	113	44	93	0.01	0.0	4.209	0.009	0	0	0	37
PL.8322	PL.27617	A	4ACSR	7.26Y	121.0	0.25	5.04	15.38	13	104	40	93	0.20	0.2	4.558	0.348	0	0	0	35
087404	PL.8322	A	Consumer	7.26Y	121.0	0.00	5.04	0.14	0	1	0	100	0.00	0.0	4.558	0.000	1	0	1	1
087409	PL.8322	A	Consumer	7.26Y	121.0	0.00	5.04	0.97	0	7	3	92	0.00	0.0	4.558	0.000	7	3	1	1
PL.8483	PL.8322	A	4ACSR	7.26Y	120.9	0.04	5.08	14.27	12	97	37	93	0.03	0.0	4.619	0.061	0	0	0	33
PL.17910	PL.8483	A	4ACSR	7.25Y	120.9	0.00	5.08	4.94	4	33	13	93	0.00	0.0	4.626	0.007	0	0	0	14
PD.3656	PL.17910	A	25V4E	7.25Y	120.9	0.00	5.08	4.94	20	33	13	93	0.00	0.0	4.626	0.000	0	0	0	14
PL.21296	PD.3656	A	4ACSR	7.25Y	120.9	0.01	5.10	4.94	4	33	13	93	0.00	0.0	4.690	0.064	0	0	0	14
PL.21295	PL.21296	A	4ACSR	7.25Y	120.9	0.03	5.13	4.58	4	31	12	93	0.01	0.0	4.831	0.141	0	0	0	13
PL.14065	PL.21295	A	4ACSR	7.25Y	120.8	0.06	5.19	4.58	4	31	12	93	0.02	0.0	5.134	0.304	0	0	0	13

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.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	5.30	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	5.30	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\EXISTING JUL05 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
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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss			KW	KVAR			
PL.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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
088514	PL.35581	A	Consumer	7.23Y	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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.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\EXISTING JUL05 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
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	37.16	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	37.16	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	37.16	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	37.16	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	37.16	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\EXISTING JUL05 CWP.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.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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	Length (mi)	KW		KVAR			
PL.19177	PL.19176	A	4ACSR	7.31Y	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	7.89	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\EXISTING JUL05 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.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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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	13.06	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	13.06	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	13.06	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	13.06	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	13.06	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	13.06	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	13.06	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	4.58	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
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.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	4.72	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	4.72	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	4.72	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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.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	4.98	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	4.98	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
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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.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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	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.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\EXISTING JUL05 CWP.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.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\EXISTING JUL05 CWP.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.27096, 086628, etc.

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.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\EXISTING JUL05 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 (HINKSTON2) Beginning with Device PD.8110.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Units Displayed In Volts -Base Voltage:120.0-				Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
								Thru Amps	% Cap	Thru KW	Thru KVAR											
PL.28055	PL.45796	A	1/OACSR	15.13Y	126.1	-0.00	-0.07	18.73	9	257	120	91	0.02	0.0	0.713	0.003	0	0	0	23		
		B		15.07Y	125.6	0.00	0.38	28.06	14	381	184	90					0	0	0	27		
		C		15.05Y	125.4	0.00	0.58	86.40	43	1155	597	89					0	0	0	118		
PL.44153	PL.28055	A	1/OACSR	15.13Y	126.1	-0.00	-0.07	18.73	9	257	120	91	0.15	0.0	0.731	0.019	0	0	0	23		
		B		15.07Y	125.6	0.01	0.39	28.06	14	381	184	90					0	0	0	27		
		C		15.05Y	125.4	0.02	0.60	86.40	43	1155	597	89					0	0	0	118		
PL.44154	PL.44153	A	1/OACSR	15.13Y	126.1	-0.00	-0.08	18.73	9	257	120	91	0.24	0.0	0.760	0.029	0	0	0	23		
		B		15.07Y	125.6	0.01	0.40	27.66	14	375	182	90					0	0	0	26		
		C		15.04Y	125.4	0.03	0.63	86.40	43	1155	597	89					0	0	0	118		
PL.6689	PL.44154	A	1/OACSR	15.13Y	126.1	-0.00	-0.08	18.73	9	257	120	91	0.12	0.0	0.775	0.015	0	0	0	23		
		B		15.07Y	125.6	0.01	0.40	27.66	14	375	182	90					0	0	0	26		
		C		15.04Y	125.4	0.02	0.65	86.40	43	1155	596	89					0	0	0	118		
PL.14460	PL.6689	A	1/OACSR	15.13Y	126.1	-0.01	-0.09	18.73	9	257	120	91	1.01	0.1	0.897	0.122	0	0	0	23		
		B		15.07Y	125.6	0.04	0.45	27.66	14	375	182	90					0	0	0	26		
		C		15.03Y	125.2	0.13	0.78	86.40	43	1155	596	89					0	0	0	118		
PL.14461	PL.14460	A	1/OACSR	15.13Y	126.1	-0.01	-0.11	18.73	9	257	120	91	1.01	0.1	1.019	0.122	0	0	0	23		
		B		15.06Y	125.5	0.04	0.49	27.01	13	366	177	90					0	0	0	25		
		C		15.01Y	125.1	0.13	0.90	86.40	43	1154	595	89					0	0	0	118		
432521	PL.14461	B	Consumer	15.06Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	1.019	0.000	0	0	0	0		
432503	PL.14461	A	Consumer	15.13Y	126.1	0.00	-0.11	0.12	0	2	1	89	0.00	0.0	1.019	0.000	2	1	1	1		
PL.22341	PL.14461	A	4ACSR	15.13Y	126.1	-0.00	-0.11	0.00	0	0	0	100	0.00	0.0	1.045	0.026	0	0	0	1		
PD.1382	PL.22341	A	fuse6AMP	15.13Y	126.1	0.00	-0.11	0.00	0	0	0	100	0.00	0.0	1.045	0.000	0	0	0	1		
PL.22342	PD.1382	A	4ACSR	15.13Y	126.1	0.00	-0.11	0.00	0	0	0	100	0.00	0.0	1.242	0.198	0	0	0	1		
432513	PL.22342	A	Consumer	15.13Y	126.1	0.00	-0.11	0.00	0	0	0	100	0.00	0.0	1.242	0.000	0	0	1	1		
PL.24710	PL.14461	A	336ACSR	15.14Y	126.2	-0.05	-0.16	18.61	4	255	119	91	1.03	0.1	1.382	0.363	0	0	0	21		
		B		15.05Y	125.4	0.07	0.56	27.01	6	366	177	90					0	0	0	25		
		C		14.99Y	124.9	0.19	1.09	86.40	20	1153	594	89					0	0	0	118		
PL.14455	PL.24710	A	1/OACSR	15.14Y	126.2	0.00	-0.16	18.61	9	255	119	91	0.00	0.0	1.382	0.000	0	0	0	21		
		B		15.05Y	125.4	0.00	0.56	27.01	13	366	177	90					0	0	0	25		
		C		14.99Y	124.9	0.00	1.09	86.40	43	1152	591	89					0	0	0	118		
PL.20332	PL.14455	B	4ACSR	15.05Y	125.4	0.00	0.56	10.96	9	146	77	88	0.00	0.0	1.390	0.009	0	0	0	12		
PD.2646	PL.20332	B	25E	15.05Y	125.4	0.00	0.56	10.96	44	146	77	88	0.00	0.0	1.390	0.000	0	0	0	12		
PL.20333	PD.2646	B	4ACSR	15.05Y	125.4	0.01	0.57	10.96	9	146	77	88	0.01	0.0	1.436	0.046	0	0	0	12		
PL.27556	PL.20333	B	4ACSR	15.05Y	125.4	0.01	0.58	9.60	8	128	67	89	0.01	0.0	1.481	0.045	0	0	0	10		
PL.27555	PL.27556	B	4ACSR	15.05Y	125.4	0.02	0.60	9.59	8	128	67	89	0.02	0.0	1.555	0.074	0	0	0	9		
PL.14457	PL.27555	B	4ACSR	15.02Y	125.1	0.26	0.86	9.59	8	128	67	89	0.26	0.2	2.738	1.183	0	0	0	9		
PL.18383	PL.14457	B	4ACSR	15.02Y	125.1	0.00	0.86	8.66	7	115	61	88	0.00	0.0	2.744	0.006	0	0	0	7		
PD.327-A	PL.18383	B	Closed	15.02Y	125.1	0.00	0.86	8.66	0	115	61	88	0.00	0.0	2.744	0.000	0	0	0	7		
PD.327-B	PD.327-A	B	Closed	15.02Y	125.1	0.00	0.86	8.66	0	115	61	88	0.00	0.0	2.744	0.000	0	0	0	7		
PL.18384	PD.327-B	B	4ACSR	15.01Y	125.1	0.05	0.91	8.66	7	115	61	88	0.04	0.0	2.971	0.227	0	0	0	7		
PL.20963	PL.18384	B	4ACSR	15.01Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	3.046	0.075	0	0	0	0		
432402	PL.20963	B	Consumer	15.01Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	3.046	0.000	0	0	0	0		
PL.14458	PL.18384	B	4ACSR	15.01Y	125.1	0.02	0.93	8.66	7	115	61	88	0.02	0.0	3.087	0.116	0	0	0	7		
PL.20960	PL.14458	B	4ACSR	15.01Y	125.1	0.02	0.95	8.56	7	113	60	88	0.01	0.0	3.165	0.078	0	0	0	6		
PL.23159	PL.20960	B	4ACSR	15.01Y	125.0	0.00	0.95	2.63	2	35	19	88	0.00	0.0	3.200	0.036	0	0	0	2		
432411	PL.23159	B	Consumer	15.01Y	125.0	0.00	0.95	1.51	0	20	11	88	0.00	0.0	3.200	0.000	20	11	1	1		

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	mi Length (mi)	KW					KVAR	Cons On	Cons Thru
PL.23160	PL.23159	B	4ACSR	15.01Y	125.0	0.00	0.95	1.12	1	15	8	88	0.00	0.0	3.247	0.047	0	0	0	1
432408	PL.23160	B	Consumer	15.01Y	125.0	0.00	0.95	1.12	0	15	8	88	0.00	0.0	3.247	0.000	15	8	1	1
PL.20961	PL.20960	B	4ACSR	15.01Y	125.0	0.01	0.96	5.93	5	79	42	88	0.00	0.0	3.216	0.052	0	0	0	4
432406	PL.20961	B	Consumer	15.01Y	125.0	0.00	0.96	2.30	0	30	16	88	0.00	0.0	3.216	0.000	30	16	1	1
PL.20962	PL.20961	B	4ACSR	15.00Y	125.0	0.00	0.96	3.63	3	48	26	88	0.00	0.0	3.273	0.057	0	0	0	3
432407	PL.20962	B	Consumer	15.00Y	125.0	0.00	0.96	1.07	0	14	8	87	0.00	0.0	3.273	0.000	14	8	1	1
PL.23157	PL.20962	B	4ACSR	15.00Y	125.0	0.00	0.96	2.56	2	34	18	88	0.00	0.0	3.339	0.066	0	0	0	2
PL.23158	PL.23157	B	4ACSR	15.00Y	125.0	0.00	0.97	1.11	1	15	8	88	0.00	0.0	3.402	0.063	0	0	0	1
432410	PL.23158	B	Consumer	15.00Y	125.0	0.00	0.97	1.11	0	15	8	88	0.00	0.0	3.402	0.000	15	8	1	1
432409	PL.23157	B	Consumer	15.00Y	125.0	0.00	0.96	1.45	0	19	10	88	0.00	0.0	3.339	0.000	19	10	1	1
PL.14459	PL.14458	B	4ACSR	15.01Y	125.1	0.00	0.93	0.11	0	1	1	71	0.00	0.0	3.270	0.183	0	0	0	1
PL.24781	PL.14459	B	4ACSR	15.01Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	3.343	0.073	0	0	0	0
432404	PL.24781	B	Consumer	15.01Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	3.343	0.000	0	0	0	0
432403	PL.14459	B	Consumer	15.01Y	125.1	0.00	0.93	0.11	0	1	1	71	0.00	0.0	3.270	0.000	1	1	1	1
PL.2526	PL.14457	B	4ACSR	15.02Y	125.1	0.00	0.86	0.92	1	12	6	89	0.00	0.0	2.782	0.044	0	0	0	2
432401	PL.2526	B	Consumer	15.02Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	2.782	0.000	0	0	0	0
432405	PL.2526	B	Consumer	15.02Y	125.1	0.00	0.86	0.11	0	1	1	71	0.00	0.0	2.782	0.000	1	1	1	1
432412	PL.2526	B	Consumer	15.02Y	125.1	0.00	0.86	0.82	0	11	5	91	0.00	0.0	2.782	0.000	11	5	1	1
432502	PL.27555	B	Consumer	15.05Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	1.555	0.000	0	0	0	0
432523	PL.27556	B	Consumer	15.05Y	125.4	0.00	0.58	0.01	0	0	0	100	0.00	0.0	1.481	0.000	0	0	1	1
432507	PL.20333	B	Consumer	15.05Y	125.4	0.00	0.57	0.43	0	6	3	89	0.00	0.0	1.436	0.000	6	3	1	1
432522	PL.20333	B	Consumer	15.05Y	125.4	0.00	0.57	0.92	0	12	7	86	0.00	0.0	1.436	0.000	12	7	1	1
PL.14456	PL.14455	A	336ACSR	15.14Y	126.2	-0.02	-0.17	18.61	4	255	119	91	0.34	0.0	1.504	0.122	0	0	0	21
		B		15.05Y	125.4	0.01	0.57	16.07	4	220	100	91					0	0	0	13
		C		14.98Y	124.8	0.07	1.16	86.40	20	1152	591	89					0	0	0	118
PL.18799	PL.14456	A	336ACSR	15.14Y	126.2	-0.00	-0.18	18.61	4	256	119	91	0.06	0.0	1.524	0.020	0	0	0	21
		B		15.05Y	125.4	0.00	0.58	16.07	4	220	100	91					0	0	0	13
		C		14.98Y	124.8	0.01	1.17	86.40	20	1152	591	89					0	0	0	118
PD.325-A	PL.18799	A	Closed	15.14Y	126.2	0.00	-0.18	18.61	0	256	119	91	0.00	0.0	1.524	0.000	0	0	0	21
		B		15.05Y	125.4	0.00	0.58	16.07	0	220	100	91					0	0	0	13
		C		14.98Y	124.8	0.00	1.17	86.40	0	1152	590	89					0	0	0	118
PD.325-B	PD.325-A	A	Closed	15.14Y	126.2	0.00	-0.18	18.61	0	256	119	91	0.00	0.0	1.524	0.000	0	0	0	21
		B		15.05Y	125.4	0.00	0.58	16.07	0	220	100	91					0	0	0	13
		C		14.98Y	124.8	0.00	1.17	86.40	0	1152	590	89					0	0	0	118
PL.18800	PD.325-B	A	336ACSR	15.14Y	126.2	-0.00	-0.18	18.61	4	256	119	91	0.06	0.0	1.545	0.021	0	0	0	21
		B		15.05Y	125.4	0.00	0.58	16.07	4	220	100	91					0	0	0	13
		C		14.98Y	124.8	0.01	1.19	86.40	20	1152	590	89					0	0	0	118
PL.27557	PL.18800	A	4ACSR	15.14Y	126.2	0.00	-0.18	0.22	0	3	2	83	0.00	0.0	1.554	0.009	0	0	0	1
PD.1381	PL.27557	A	fuse6AMP	15.14Y	126.2	0.00	-0.18	0.22	4	3	2	83	0.00	0.0	1.554	0.000	0	0	0	1
PL.27558	PD.1381	A	4ACSR	15.14Y	126.2	0.00	-0.18	0.22	0	3	2	83	0.00	0.0	1.669	0.116	0	0	0	1
432517	PL.27558	A	Consumer	15.14Y	126.2	0.00	-0.18	0.22	0	3	2	83	0.00	0.0	1.669	0.000	3	2	1	1
PL.27564	PL.18800	C	4ACSR	14.98Y	124.8	0.00	1.19	1.39	1	18	10	87	0.00	0.0	1.551	0.006	0	0	0	1
PD.1386	PL.27564	C	fuse30AMP	14.98Y	124.8	0.00	1.19	1.39	5	18	10	87	0.00	0.0	1.551	0.000	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: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 CWP.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 types like 1/0ACSR, 4ACSR, Closed, fuse6AMP, and Consumer.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.23146, 431613, 431615, etc.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 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		
H PL.27301	PL.14320	A	1/0ACSR	15.21Y	126.8	-0.02	-0.75	0.71	0	10	5	89	0.26	0.0	3.929	0.053	0	0	0	1	H	
		B		15.02Y	125.2	0.00	0.81	0.00	0	0	0	100					0	0	0	0		
		C		14.73Y	122.7	0.05	3.28	67.64	34	886	456	89					0	0	0	98		
H PD.235-A	PL.27301	A	Closed	15.21Y	126.8	0.00	-0.75	0.71	0	10	5	89	0.00	0.0	3.929	0.000	0	0	0	1	H	
		B		15.02Y	125.2	0.00	0.81	0.00	0	0	0	100					0	0	0	0		
		C		14.73Y	122.7	0.00	3.28	67.64	0	886	456	89					0	0	0	98		
H PD.235-B	PD.235-A	A	Closed	15.21Y	126.8	0.00	-0.75	0.71	0	10	5	89	0.00	0.0	3.929	0.000	0	0	0	1	H	
		B		15.02Y	125.2	0.00	0.81	0.00	0	0	0	100					0	0	0	0		
		C		14.73Y	122.7	0.00	3.28	67.64	0	886	456	89					0	0	0	98		
H PL.27302	PD.235-B	A	1/0ACSR	15.21Y	126.8	-0.02	-0.77	0.71	0	10	5	89	0.31	0.0	3.991	0.062	0	0	0	1	H	
		B		15.02Y	125.2	0.00	0.81	0.00	0	0	0	100					0	0	0	0		
		C		14.72Y	122.7	0.06	3.33	67.64	34	886	456	89					0	0	0	98		
H PL.27298	PL.27302	A	4ACSR	15.21Y	126.8	0.00	-0.77	0.71	1	10	5	89	0.00	0.0	4.007	0.015	0	0	0	1	H	
H PD.1120	PL.27298	A	fuse6AMP	15.21Y	126.8	0.00	-0.77	0.71	12	10	5	89	0.00	0.0	4.007	0.000	0	0	0	1	H	
H PL.27299	PD.1120	A	4ACSR	15.21Y	126.8	0.00	-0.77	0.71	1	10	5	89	0.00	0.0	4.107	0.100	0	0	0	1	H	
H 379606	PL.27299	A	Consumer	15.21Y	126.8	0.00	-0.77	0.71	0	10	5	89	0.00	0.0	4.107	0.000	10	5	1	1	H	
PL.27300	PL.27302	C	4ACSR	14.72Y	122.7	0.01	3.35	65.06	55	852	438	89	0.09	0.0	4.000	0.009	0	0	0	93		
PD.2734-A	PL.27300	C	Closed	14.72Y	122.7	0.00	3.35	65.06	0	852	438	89	0.00	0.0	4.000	0.000	0	0	0	93		
PD.2734-B	PD.2734-A	C	Closed	14.72Y	122.7	0.00	3.35	65.06	0	852	438	89	0.00	0.0	4.000	0.000	0	0	0	93		
PL.22302	PD.2734-B	C	4ACSR	14.71Y	122.6	0.05	3.40	65.06	55	852	438	89	0.34	0.0	4.034	0.033	0	0	0	93		
PL.28286	PL.22302	C	4ACSR	14.71Y	122.6	0.01	3.40	64.03	54	838	430	89	0.05	0.0	4.039	0.005	0	0	0	92		
C PD.3510	PL.28286	C	50V4E	14.71Y	122.6	0.00	3.40	64.03	128	838	430	89	0.00	0.0	4.039	0.000	0	0	0	92	C	
PL.28287	PD.3510	C	4ACSR	14.69Y	122.5	0.14	3.54	64.03	54	838	430	89	0.92	0.1	4.133	0.094	0	0	0	92		
PL.14539	PL.28287	C	4ACSR	14.68Y	122.4	0.09	3.63	62.63	53	819	420	89	0.55	0.1	4.191	0.059	0	0	0	91		
PL.28277	PL.14539	C	4ACSR	14.68Y	122.4	0.01	3.63	1.96	2	25	14	87	0.00	0.0	4.308	0.117	0	0	0	2		
379622	PL.28277	C	Consumer	14.68Y	122.4	0.00	3.63	1.16	0	15	8	88	0.00	0.0	4.308	0.000	15	8	1	1		
PL.28278	PL.28277	C	4ACSR	14.68Y	122.4	0.00	3.64	0.80	1	10	5	89	0.00	0.0	4.406	0.098	0	0	0	1		
378613	PL.28278	C	Consumer	14.68Y	122.4	0.00	3.64	0.80	0	10	5	89	0.00	0.0	4.406	0.000	10	5	1	1		
PL.14540	PL.14539	C	4ACSR	14.64Y	122.0	0.33	3.96	60.67	51	793	406	89	2.08	0.3	4.428	0.237	0	0	0	89		
PL.14541	PL.14540	C	4ACSR	14.61Y	121.7	0.32	4.28	59.52	50	776	397	89	1.95	0.3	4.658	0.230	0	0	0	86		
PL.14542	PL.14541	C	4ACSR	14.58Y	121.5	0.19	4.47	56.11	47	730	373	89	1.07	0.1	4.801	0.143	0	0	0	78		
PL.18854	PL.14542	C	4ACSR	14.58Y	121.5	0.01	4.48	34.35	29	442	236	88	0.03	0.0	4.813	0.012	0	0	0	52		
PD.237-A	PL.18854	C	Closed	14.58Y	121.5	0.00	4.48	34.35	0	442	235	88	0.00	0.0	4.813	0.000	0	0	0	52		
PD.237-B	PD.237-A	C	Closed	14.58Y	121.5	0.00	4.48	34.35	0	442	235	88	0.00	0.0	4.813	0.000	0	0	0	52		
PL.18855	PD.237-B	C	4ACSR	14.56Y	121.3	0.22	4.70	34.35	29	442	235	88	0.79	0.2	5.093	0.280	0	0	0	52		
PL.14851	PL.18855	C	4ACSR	14.53Y	121.1	0.24	4.94	34.35	29	441	235	88	0.84	0.2	5.391	0.297	0	0	0	52		
PL.23040	PL.14851	C	4ACSR	14.53Y	121.1	0.00	4.94	0.78	1	10	5	89	0.00	0.0	5.494	0.103	0	0	0	2		
PL.28678	PL.23040	C	4ACSR	14.53Y	121.1	0.00	4.94	0.00	0	0	0	100	0.00	0.0	5.617	0.123	0	0	0	1		
430607	PL.28678	C	Consumer	14.53Y	121.1	0.00	4.94	0.00	0	0	0	100	0.00	0.0	5.617	0.000	0	0	1	1		
PL.23041	PL.23040	C	4ACSR	14.53Y	121.1	0.00	4.94	0.78	1	10	5	89	0.00	0.0	5.517	0.023	0	0	0	1		
430602	PL.23041	C	Consumer	14.53Y	121.1	0.00	4.94	0.78	0	10	5	89	0.00	0.0	5.517	0.000	10	5	1	1		
PL.14852	PL.14851	C	4ACSR	14.52Y	121.0	0.03	4.97	33.57	28	430	229	88	0.11	0.0	5.431	0.041	0	0	0	50		

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: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.2408	PL.14852	C	4ACSR	14.52Y	121.0	0.00	4.97	0.22	0	3	1	95	0.00	0.0	5.510	0.079	0	0	0	1
430715	PL.2408	C	Consumer	14.52Y	121.0	0.00	4.97	0.22	0	3	1	95	0.00	0.0	5.510	0.000	3	1	1	1
PL.14853	PL.14852	C	4ACSR	14.52Y	121.0	0.03	5.00	33.35	28	427	228	88	0.10	0.0	5.468	0.037	0	0	0	49
PL.14854	PL.14853	C	4ACSR	14.52Y	121.0	0.00	5.00	28.86	24	370	197	88	0.00	0.0	5.468	0.001	0	0	0	44
PL.14855	PL.14854	C	4ACSR	14.51Y	121.0	0.05	5.05	28.86	24	370	197	88	0.15	0.0	5.543	0.075	0	0	0	44
PL.28677	PL.14855	C	4ACSR	14.51Y	121.0	0.00	5.05	0.95	1	12	6	89	0.00	0.0	5.603	0.060	0	0	0	1
430604	PL.28677	C	Consumer	14.51Y	121.0	0.00	5.05	0.95	0	12	6	89	0.00	0.0	5.603	0.000	12	6	1	1
PL.14856	PL.14855	C	4ACSR	14.49Y	120.8	0.17	5.21	27.91	23	358	190	88	0.48	0.1	5.802	0.259	0	0	0	43
PL.2407	PL.14856	C	4ACSR	14.49Y	120.8	0.00	5.21	0.00	0	0	0	100	0.00	0.0	5.897	0.095	0	0	0	1
430714	PL.2407	C	Consumer	14.49Y	120.8	0.00	5.21	0.00	0	0	0	100	0.00	0.0	5.897	0.000	0	0	1	1
PL.14857	PL.14856	C	4ACSR	14.48Y	120.7	0.12	5.33	27.91	23	357	190	88	0.34	0.1	5.985	0.183	0	0	0	42
PL.2402	PL.14857	C	4ACSR	14.48Y	120.7	0.00	5.33	0.19	0	3	1	95	0.00	0.0	6.077	0.092	0	0	0	2
431707	PL.2402	C	Consumer	14.48Y	120.7	0.00	5.33	0.00	0	0	0	100	0.00	0.0	6.077	0.000	0	0	1	1
431701	PL.2402	C	Consumer	14.48Y	120.7	0.00	5.33	0.19	0	3	1	95	0.00	0.0	6.077	0.000	3	1	1	1
PL.14858	PL.14857	C	4ACSR	14.47Y	120.6	0.06	5.39	27.71	23	354	189	88	0.17	0.0	6.080	0.095	0	0	0	40
PL.20116	PL.14858	C	4ACSR	14.47Y	120.6	0.01	5.40	25.37	21	324	173	88	0.02	0.0	6.091	0.011	0	0	0	38
C PD.2642	PL.20116	C	25V4E	14.47Y	120.6	0.00	5.40	25.37	101	324	173	88	0.00	0.0	6.091	0.000	0	0	0	38 C
PL.20117	PD.2642	C	4ACSR	14.45Y	120.5	0.15	5.55	25.37	21	324	173	88	0.38	0.1	6.338	0.247	0	0	0	38
PL.14859	PL.20117	C	4ACSR	14.45Y	120.4	0.01	5.56	25.34	21	323	172	88	0.04	0.0	6.363	0.025	0	0	0	37
PL.14860	PL.14859	C	4ACSR	14.43Y	120.2	0.21	5.77	24.28	20	310	165	88	0.53	0.2	6.738	0.375	0	0	0	34
PL.21043	PL.14860	C	4ACSR	14.43Y	120.2	0.00	5.77	0.00	0	0	0	100	0.00	0.0	6.763	0.025	0	0	0	1
PD.1358	PL.21043	C	fuse6AMP	14.43Y	120.2	0.00	5.77	0.00	0	0	0	100	0.00	0.0	6.763	0.000	0	0	0	1
PL.21044	PD.1358	C	4ACSR	14.43Y	120.2	0.00	5.77	0.00	0	0	0	100	0.00	0.0	6.827	0.064	0	0	0	1
PL.21126	PL.21044	C	4ACSR	14.43Y	120.2	0.00	5.77	0.00	0	0	0	100	0.00	0.0	6.974	0.147	0	0	0	1
431705	PL.21126	C	Consumer	14.43Y	120.2	0.00	5.77	0.00	0	0	0	100	0.00	0.0	6.974	0.000	0	0	1	1
PL.14861	PL.14860	C	4ACSR	14.42Y	120.2	0.04	5.81	24.28	20	309	165	88	0.09	0.0	6.803	0.065	0	0	0	33
PL.14863	PL.14861	C	4ACSR	14.42Y	120.2	0.03	5.84	23.84	20	303	162	88	0.08	0.0	6.861	0.058	0	0	0	32
430707	PL.14863	C	Consumer	14.42Y	120.2	0.00	5.84	0.46	0	6	3	89	0.00	0.0	6.861	0.000	6	3	1	1
PL.14864	PL.14863	C	4ACSR	14.41Y	120.1	0.09	5.93	23.38	20	298	158	88	0.22	0.1	7.029	0.167	0	0	0	31
PL.14865	PL.14864	C	4ACSR	14.41Y	120.0	0.02	5.95	23.38	20	297	158	88	0.05	0.0	7.069	0.041	0	0	0	30
430716	PL.14865	C	Consumer	14.41Y	120.0	0.00	5.95	1.83	0	23	12	89	0.00	0.0	7.069	0.000	23	12	1	1
PL.14862	PL.14865	C	4ACSR	14.40Y	120.0	0.01	5.97	21.55	18	274	146	88	0.03	0.0	7.093	0.023	0	0	0	29
PL.14866	PL.14862	C	4ACSR	14.40Y	120.0	0.02	5.99	21.55	18	274	146	88	0.06	0.0	7.142	0.050	0	0	0	29
PL.14867	PL.14866	C	4ACSR	14.40Y	120.0	0.02	6.01	20.99	18	267	142	88	0.05	0.0	7.188	0.045	0	0	0	28
PL.20413	PL.14867	C	4ACSR	14.40Y	120.0	0.00	6.02	12.38	10	157	84	88	0.01	0.0	7.205	0.017	0	0	0	18
C PD.1126	PL.20413	C	fuse6AMP	14.40Y	120.0	0.00	6.02	12.38	211	157	84	88	0.00	0.0	7.205	0.000	0	0	0	18 C
PL.20414	PD.1126	C	4ACSR	14.40Y	120.0	0.02	6.04	12.38	10	157	84	88	0.02	0.0	7.270	0.066	0	0	0	18
PL.30982	PL.20414	C	4ACSR	14.39Y	119.9	0.04	6.08	12.38	10	157	84	88	0.05	0.0	7.412	0.142	0	0	0	18

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.14111	PL.30982	C	4ACSR	14.39Y	119.9	0.02	6.10	12.38	10	157	84	88	0.03	0.0	7.489	0.077	0	0	0	18
PL.28233	PL.14111	C	4ACSR	14.39Y	119.9	0.00	6.10	0.06	0	1	0	100	0.00	0.0	7.520	0.031	0	0	0	1
PD.1365	PL.28233	C	fuse6AMP	14.39Y	119.9	0.00	6.10	0.06	1	1	0	100	0.00	0.0	7.520	0.000	0	0	0	1
PL.28284	PD.1365	C	4ACSR	14.39Y	119.9	0.00	6.10	0.06	0	1	0	100	0.00	0.0	7.619	0.099	0	0	0	1
430802	PL.28284	C	Consumer	14.39Y	119.9	0.00	6.10	0.06	0	1	0	100	0.00	0.0	7.619	0.000	1	0	1	1
PL.14112	PL.14111	C	4ACSR	14.37Y	119.8	0.12	6.22	12.31	10	156	83	88	0.15	0.1	7.916	0.427	0	0	0	17
PL.13255	PL.14112	C	4ACSR	14.37Y	119.7	0.03	6.26	11.73	10	149	79	88	0.04	0.0	8.038	0.122	0	0	0	16
PL.13254	PL.13255	C	4ACSR	14.36Y	119.7	0.06	6.32	10.92	9	138	74	88	0.07	0.1	8.287	0.248	0	0	0	14
PD.319-A	PL.13254	C	Closed	14.36Y	119.7	0.00	6.32	10.92	0	138	74	88	0.00	0.0	8.287	0.000	0	0	0	14
PD.319-B	PD.319-A	C	Closed	14.36Y	119.7	0.00	6.32	10.92	0	138	74	88	0.00	0.0	8.287	0.000	0	0	0	14
PL.13253	PD.319-B	C	4ACSR	14.36Y	119.7	0.03	6.35	10.92	9	138	74	88	0.03	0.0	8.407	0.121	0	0	0	14
PL.13250	PL.13253	C	4ACSR	14.36Y	119.6	0.01	6.36	10.92	9	138	74	88	0.01	0.0	8.457	0.050	0	0	0	14
PL.13252	PL.13250	C	4ACSR	14.36Y	119.6	0.00	6.37	9.55	8	121	64	88	0.00	0.0	8.475	0.017	0	0	0	10
C PD.1366	PL.13252	C	fuse6AMP	14.36Y	119.6	0.00	6.37	9.55	163	121	64	88	0.00	0.0	8.475	0.000	0	0	0	10 C
PL.21433	PD.1366	C	4ACSR	14.36Y	119.6	0.01	6.37	9.55	8	121	64	88	0.01	0.0	8.512	0.037	0	0	0	10
PL.24899	PL.21433	C	4ACSR	14.35Y	119.6	0.04	6.41	9.55	8	121	64	88	0.04	0.0	8.694	0.182	0	0	0	10
431802	PL.24899	C	Consumer	14.35Y	119.6	0.00	6.41	1.97	0	25	13	89	0.00	0.0	8.694	0.000	25	13	1	1
PL.24900	PL.24899	C	4ACSR	14.35Y	119.6	0.01	6.42	6.58	6	83	44	88	0.00	0.0	8.734	0.040	0	0	0	8
PL.23153	PL.24900	C	4ACSR	14.35Y	119.6	0.00	6.42	6.58	6	83	44	88	0.00	0.0	8.754	0.020	0	0	0	8
431813	PL.23153	C	Consumer	14.35Y	119.6	0.00	6.42	0.97	0	12	7	86	0.00	0.0	8.754	0.000	12	7	1	1
PL.23154	PL.23153	C	4ACSR	14.35Y	119.6	0.01	6.43	5.61	5	71	38	88	0.00	0.0	8.797	0.043	0	0	0	7
PL.23150	PL.23154	C	4ACSR	14.35Y	119.6	0.01	6.44	3.96	3	50	27	88	0.00	0.0	8.896	0.100	0	0	0	5
PL.23155	PL.23150	C	4ACSR	14.35Y	119.6	0.00	6.44	1.53	1	19	10	88	0.00	0.0	8.930	0.034	0	0	0	3
PL.23156	PL.23155	C	4ACSR	14.35Y	119.6	0.00	6.44	0.86	1	11	6	88	0.00	0.0	8.958	0.027	0	0	0	2
431804	PL.23156	C	Consumer	14.35Y	119.6	0.00	6.44	0.00	0	0	0	100	0.00	0.0	8.958	0.000	0	0	0	0
431810	PL.23156	C	Consumer	14.35Y	119.6	0.00	6.44	0.81	0	10	5	89	0.00	0.0	8.958	0.000	10	5	1	1
PL.20951	PL.23156	C	4ACSR	14.35Y	119.6	0.00	6.44	0.05	0	1	0	100	0.00	0.0	9.037	0.080	0	0	0	1
431812	PL.20951	C	Consumer	14.35Y	119.6	0.00	6.44	0.05	0	1	0	100	0.00	0.0	9.037	0.000	1	0	1	1
431814	PL.23155	C	Consumer	14.35Y	119.6	0.00	6.44	0.66	0	8	4	89	0.00	0.0	8.930	0.000	8	4	1	1
431807	PL.23150	C	Consumer	14.35Y	119.6	0.00	6.44	0.59	0	7	4	87	0.00	0.0	8.896	0.000	7	4	1	1
431806	PL.23150	C	Consumer	14.35Y	119.6	0.00	6.44	1.85	0	23	12	89	0.00	0.0	8.896	0.000	23	12	1	1
431811	PL.23154	C	Consumer	14.35Y	119.6	0.00	6.43	0.66	0	8	4	89	0.00	0.0	8.797	0.000	8	4	1	1
431808	PL.23154	C	Consumer	14.35Y	119.6	0.00	6.43	0.99	0	13	7	88	0.00	0.0	8.797	0.000	13	7	1	1
PL.20950	PL.24899	C	4ACSR	14.35Y	119.6	0.00	6.42	1.00	1	13	7	88	0.00	0.0	8.766	0.072	0	0	0	1
431809	PL.20950	C	Consumer	14.35Y	119.6	0.00	6.42	1.00	0	13	7	88	0.00	0.0	8.766	0.000	13	7	1	1
PL.13251	PL.13250	C	4ACSR	14.35Y	119.6	0.02	6.38	1.37	1	17	9	88	0.00	0.0	9.009	0.552	0	0	0	4
PL.21428	PL.13251	C	4ACSR	14.35Y	119.6	0.00	6.38	0.61	1	8	4	89	0.00	0.0	9.033	0.023	0	0	0	1
PD.1367	PL.21428	C	fuse6AMP	14.35Y	119.6	0.00	6.38	0.61	10	8	4	89	0.00	0.0	9.033	0.000	0	0	0	1

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.21429	PD.1367	C	4ACSR	14.35Y	119.6	0.00	6.38	0.61	1	8	4	89	0.00	0.0	9.135	0.102	0	0	0	1
PL.24897	PL.21429	C	4ACSR	14.35Y	119.6	0.00	6.38	0.61	1	8	4	89	0.00	0.0	9.242	0.107	0	0	0	1
432815	PL.24897	C	Consumer	14.35Y	119.6	0.00	6.38	0.00	0	0	0	100	0.00	0.0	9.242	0.000	0	0	0	0
4328003	PL.24897	C	Consumer	14.35Y	119.6	0.00	6.38	0.61	0	8	4	89	0.00	0.0	9.242	0.000	8	4	1	1
PL.13247	PL.13251	C	4ACSR	14.35Y	119.6	0.00	6.38	0.76	1	10	5	89	0.00	0.0	9.107	0.098	0	0	0	3
PL.6502	PL.13247	C	4ACSR	14.35Y	119.6	0.00	6.38	0.53	0	7	4	87	0.00	0.0	9.344	0.237	0	0	0	2
432901	PL.6502	C	Consumer	14.35Y	119.6	0.00	6.38	0.53	0	7	4	87	0.00	0.0	9.344	0.000	7	4	1	1
PL.13794	PL.6502	C	4ACSR	14.35Y	119.6	0.00	6.38	0.00	0	0	0	100	0.00	0.0	9.345	0.001	0	0	0	1
PL.13795	PL.13794	C	4ACSR	14.35Y	119.6	0.00	6.38	0.00	0	0	0	100	0.00	0.0	9.358	0.013	0	0	0	0
PD.317-B	PL.13795	C	Open	14.35Y	119.6	0.00	6.38	0.00	0	0	0	100	0.00	0.0	9.358	0.000	0	0	0	0
PL.24898	PL.13794	C	4ACSR	14.35Y	119.6	0.00	6.38	0.00	0	0	0	100	0.00	0.0	9.449	0.104	0	0	0	1
432917	PL.24898	C	Consumer	14.35Y	119.6	0.00	6.38	0.00	0	0	0	100	0.00	0.0	9.449	0.000	0	0	1	1
431801	PL.13247	C	Consumer	14.35Y	119.6	0.00	6.38	0.22	0	3	1	95	0.00	0.0	9.107	0.000	3	1	1	1
PL.21435	PL.13255	C	4ACSR	14.37Y	119.7	0.00	6.26	0.81	1	10	5	89	0.00	0.0	8.060	0.022	0	0	0	2
PD.1364	PL.21435	C	fuse6AMP	14.37Y	119.7	0.00	6.26	0.81	14	10	5	89	0.00	0.0	8.060	0.000	0	0	0	2
PL.28230	PD.1364	C	4ACSR	14.37Y	119.7	0.00	6.26	0.81	1	10	5	89	0.00	0.0	8.163	0.103	0	0	0	2
PL.21434	PL.28230	C	4ACSR	14.37Y	119.7	0.00	6.26	0.81	1	10	5	89	0.00	0.0	8.352	0.189	0	0	0	2
430803	PL.21434	C	Consumer	14.37Y	119.7	0.00	6.26	0.72	0	9	5	87	0.00	0.0	8.352	0.000	9	5	1	1
430807	PL.21434	C	Consumer	14.37Y	119.7	0.00	6.26	0.09	0	1	1	71	0.00	0.0	8.352	0.000	1	1	1	1
PL.20949	PL.28230	C	4ACSR	14.37Y	119.7	0.00	6.26	0.00	0	0	0	100	0.00	0.0	8.194	0.031	0	0	0	0
PL.28232	PL.14112	C	4ACSR	14.37Y	119.8	0.00	6.22	0.59	0	7	4	87	0.00	0.0	7.946	0.030	0	0	0	1
PD.1363	PL.28232	C	fuse6AMP	14.37Y	119.8	0.00	6.22	0.59	10	7	4	87	0.00	0.0	7.946	0.000	0	0	0	1
PL.28231	PD.1363	C	4ACSR	14.37Y	119.8	0.00	6.22	0.59	0	7	4	87	0.00	0.0	8.054	0.108	0	0	0	1
430801	PL.28231	C	Consumer	14.37Y	119.8	0.00	6.22	0.59	0	7	4	87	0.00	0.0	8.054	0.000	7	4	1	1
PL.20953	PL.28231	C	4ACSR	14.37Y	119.8	0.00	6.22	0.00	0	0	0	100	0.00	0.0	8.140	0.085	0	0	0	0
379707	PL.14867	C	Consumer	14.40Y	120.0	0.00	6.01	1.92	0	24	13	88	0.00	0.0	7.188	0.000	24	13	1	1
379705	PL.14867	C	Consumer	14.40Y	120.0	0.00	6.01	0.60	0	8	4	89	0.00	0.0	7.188	0.000	8	4	1	1
PL.18564	PL.14867	C	4ACSR	14.40Y	120.0	0.00	6.02	6.09	5	77	41	88	0.00	0.0	7.203	0.015	0	0	0	8
PD.238-A	PL.18564	C	Closed	14.40Y	120.0	0.00	6.02	6.09	0	77	41	88	0.00	0.0	7.203	0.000	0	0	0	8
PD.238-B	PD.238-A	C	Closed	14.40Y	120.0	0.00	6.02	6.09	0	77	41	88	0.00	0.0	7.203	0.000	0	0	0	8
PL.18565	PD.238-B	C	4ACSR	14.40Y	120.0	0.00	6.02	6.09	5	77	41	88	0.00	0.0	7.236	0.033	0	0	0	8
PL.22219	PL.18565	C	4ACSR	14.40Y	120.0	0.00	6.02	0.96	1	12	6	89	0.00	0.0	7.290	0.053	0	0	0	1
379704	PL.22219	C	Consumer	14.40Y	120.0	0.00	6.02	0.96	0	12	6	89	0.00	0.0	7.290	0.000	0	0	0	1
3797011	379704	C	Consumer	14.40Y	120.0	0.00	6.02	0.96	0	12	6	89	0.00	0.0	7.290	0.000	12	6	1	1
PL.14868	PL.18565	C	4ACSR	14.40Y	120.0	0.01	6.03	5.13	4	65	35	88	0.01	0.0	7.316	0.080	0	0	0	7
379706	PL.14868	C	Consumer	14.40Y	120.0	0.00	6.03	0.00	0	0	0	100	0.00	0.0	7.316	0.000	0	0	0	0
379703	PL.14868	C	Consumer	14.40Y	120.0	0.00	6.03	0.88	0	11	6	88	0.00	0.0	7.316	0.000	11	6	1	1
PL.14869	PL.14868	C	4ACSR	14.40Y	120.0	0.00	6.03	4.26	4	54	29	88	0.00	0.0	7.350	0.034	0	0	0	6

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 -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.14870	PL.14869	C	4ACSR	14.40Y	120.0	0.00	6.04	4.26	4	54	29	88	0.00	0.0	7.374	0.024	0	0	0	6
PL.2007	PL.14870	C	4ACSR	14.40Y	120.0	0.00	6.04	2.71	2	34	18	88	0.00	0.0	7.425	0.051	0	0	0	2
PL.35060	PL.2007	C	2ACSR	14.40Y	120.0	0.00	6.04	1.14	1	14	8	87	0.00	0.0	7.487	0.063	0	0	0	1
3798002	PL.35060	C	Consumer	14.40Y	120.0	0.00	6.04	1.14	0	14	8	87	0.00	0.0	7.487	0.000	14	8	1	1
379801	PL.2007	C	Consumer	14.40Y	120.0	0.00	6.04	0.00	0	0	0	100	0.00	0.0	7.425	0.000	0	0	0	0
3798001	PL.2007	C	Consumer	14.40Y	120.0	0.00	6.04	1.57	0	20	11	88	0.00	0.0	7.425	0.000	20	11	1	1
379710	PL.14870	C	Consumer	14.40Y	120.0	0.00	6.04	0.66	0	8	4	89	0.00	0.0	7.374	0.000	8	4	1	1
PL.14871	PL.14870	C	4ACSR	14.40Y	120.0	0.00	6.04	0.89	1	11	6	88	0.00	0.0	7.386	0.012	0	0	0	3
PL.19117	PL.14871	C	4ACSR	14.40Y	120.0	0.00	6.04	0.89	1	11	6	88	0.00	0.0	7.419	0.033	0	0	0	3
PL.19118	PL.19117	C	4ACSR	14.40Y	120.0	0.00	6.04	0.56	0	7	4	87	0.00	0.0	7.748	0.329	0	0	0	2
379701	PL.19118	C	Consumer	14.40Y	120.0	0.00	6.04	0.55	0	7	4	87	0.00	0.0	7.748	0.000	7	4	1	1
PL.14872	PL.19118	C	4ACSR	14.40Y	120.0	0.00	6.04	0.02	0	0	0	100	0.00	0.0	7.971	0.223	0	0	0	1
PL.22220	PL.14872	C	4ACSR	14.40Y	120.0	0.00	6.04	0.00	0	0	0	100	0.00	0.0	8.059	0.088	0	0	0	0
PL.14873	PL.14872	C	4ACSR	14.40Y	120.0	0.00	6.04	0.02	0	0	0	100	0.00	0.0	8.554	0.583	0	0	0	1
378702	PL.14873	C	Consumer	14.40Y	120.0	0.00	6.04	0.02	0	0	0	100	0.00	0.0	8.554	0.000	0	0	1	1
379702	PL.19117	C	Consumer	14.40Y	120.0	0.00	6.04	0.33	0	4	2	89	0.00	0.0	7.419	0.000	4	2	1	1
379709	PL.14866	C	Consumer	14.40Y	120.0	0.00	5.99	0.57	0	7	4	87	0.00	0.0	7.142	0.000	7	4	1	1
430706	PL.14864	C	Consumer	14.41Y	120.1	0.00	5.93	0.00	0	0	0	100	0.00	0.0	7.029	0.000	0	0	0	0
430718	PL.14864	C	Consumer	14.41Y	120.1	0.00	5.93	0.00	0	0	0	100	0.00	0.0	7.029	0.000	0	0	1	1
430712	PL.14861	C	Consumer	14.42Y	120.2	0.00	5.81	0.44	0	6	3	89	0.00	0.0	6.803	0.000	6	3	1	1
PL.20947	PL.14859	C	4ACSR	14.45Y	120.4	0.00	5.56	0.95	1	12	6	89	0.00	0.0	6.481	0.118	0	0	0	2
430705	PL.20947	C	Consumer	14.45Y	120.4	0.00	5.56	0.93	0	12	6	89	0.00	0.0	6.481	0.000	12	6	1	1
430717	PL.20947	C	Consumer	14.45Y	120.4	0.00	5.56	0.01	0	0	0	100	0.00	0.0	6.481	0.000	0	0	1	1
PL.20948	PL.14859	C	4ACSR	14.45Y	120.4	0.00	5.56	0.12	0	1	1	71	0.00	0.0	6.419	0.056	0	0	0	1
430710	PL.20948	C	Consumer	14.45Y	120.4	0.00	5.56	0.12	0	1	1	71	0.00	0.0	6.419	0.000	1	1	1	1
PL.21127	PL.20117	C	4ACSR	14.45Y	120.5	0.00	5.55	0.02	0	0	0	100	0.00	0.0	6.401	0.063	0	0	0	1
431703	PL.21127	C	Consumer	14.45Y	120.5	0.00	5.55	0.02	0	0	0	100	0.00	0.0	6.401	0.000	0	0	1	1
PL.2411	PL.14858	C	4ACSR	14.47Y	120.6	0.00	5.40	0.32	0	4	2	89	0.00	0.0	6.197	0.117	0	0	0	1
PL.28674	PL.2411	C	4ACSR	14.47Y	120.6	0.00	5.40	0.32	0	4	2	89	0.00	0.0	6.390	0.193	0	0	0	1
431706	PL.28674	C	Consumer	14.47Y	120.6	0.00	5.40	0.32	0	4	2	89	0.00	0.0	6.390	0.000	4	2	1	1
431709	PL.14858	C	Consumer	14.47Y	120.6	0.00	5.39	2.03	0	26	14	88	0.00	0.0	6.080	0.000	26	14	1	1
430605	PL.14853	C	Consumer	14.52Y	121.0	0.00	5.00	0.00	0	0	0	100	0.00	0.0	5.468	0.000	0	0	1	1
PL.21035	PL.14853	C	4ACSR	14.52Y	121.0	0.00	5.00	4.49	4	58	31	88	0.00	0.0	5.483	0.015	0	0	0	4
PD.1352	PL.21035	C	fuse6AMP	14.52Y	121.0	0.00	5.00	4.49	77	58	31	88	0.00	0.0	5.483	0.000	0	0	0	4
PL.21036	PD.1352	C	4ACSR	14.52Y	121.0	0.01	5.01	4.49	4	58	31	88	0.01	0.0	5.612	0.130	0	0	0	4
PL.28676	PL.21036	C	4ACSR	14.52Y	121.0	0.02	5.03	4.49	4	58	31	88	0.01	0.0	5.793	0.180	0	0	0	4
431605	PL.28676	C	Consumer	14.52Y	121.0	0.00	5.03	1.37	0	18	9	89	0.00	0.0	5.793	0.000	18	9	1	1
PL.28675	PL.28676	C	4ACSR	14.51Y	121.0	0.02	5.05	3.13	3	40	21	89	0.01	0.0	6.036	0.243	0	0	0	3

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
431606	PL.28675	C	Consumer	14.51Y	121.0	0.00	5.05	0.70	0	9	5	87	0.00	0.0	6.036	0.000	9	5	1	1
PL.28673	PL.28675	C	4ACSR	14.51Y	120.9	0.01	5.06	2.43	2	31	17	88	0.00	0.0	6.301	0.266	0	0	0	2
431708	PL.28673	C	Consumer	14.51Y	120.9	0.00	5.06	1.65	0	21	11	89	0.00	0.0	6.301	0.000	21	11	1	1
431704	PL.28673	C	Consumer	14.51Y	120.9	0.00	5.06	0.77	0	10	5	89	0.00	0.0	6.301	0.000	10	5	1	1
PL.2403	PL.18855	C	4ACSR	14.56Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	5.095	0.001	0	0	0	0
PL.18654	PL.14542	C	4ACSR	14.58Y	121.5	0.00	4.47	21.77	18	287	137	90	0.01	0.0	4.811	0.010	0	0	0	26
PD.236-A	PL.18654	C	Closed	14.58Y	121.5	0.00	4.47	21.77	0	287	137	90	0.00	0.0	4.811	0.000	0	0	0	26
PD.236-B	PD.236-A	C	Closed	14.58Y	121.5	0.00	4.47	21.77	0	287	137	90	0.00	0.0	4.811	0.000	0	0	0	26
PL.18655	PD.236-B	C	4ACSR	14.58Y	121.5	0.04	4.51	21.77	18	287	137	90	0.09	0.0	4.887	0.077	0	0	0	26
PL.18398	PL.18655	C	4ACSR	14.58Y	121.5	0.00	4.51	0.94	1	12	6	89	0.00	0.0	4.893	0.006	0	0	0	2
PD.1124	PL.18398	C	fuse6AMP	14.58Y	121.5	0.00	4.51	0.94	16	12	6	89	0.00	0.0	4.893	0.000	0	0	0	2
PL.18399	PD.1124	C	4ACSR	14.58Y	121.5	0.00	4.51	0.94	1	12	6	89	0.00	0.0	5.031	0.138	0	0	0	2
379621	PL.18399	C	Consumer	14.58Y	121.5	0.00	4.51	0.93	0	12	6	89	0.00	0.0	5.031	0.000	12	6	1	1
379611	PL.18399	C	Consumer	14.58Y	121.5	0.00	4.51	0.01	0	0	0	100	0.00	0.0	5.031	0.000	0	0	1	1
PL.14543	PL.18655	C	4ACSR	14.57Y	121.4	0.10	4.61	20.84	18	274	130	90	0.22	0.1	5.103	0.216	0	0	0	24
378633	PL.14543	C	Consumer	14.57Y	121.4	0.00	4.61	0.13	0	2	1	89	0.00	0.0	5.103	0.000	2	1	1	1
PL.14544	PL.14543	C	4ACSR	14.56Y	121.4	0.02	4.64	20.71	17	273	129	90	0.05	0.0	5.151	0.048	0	0	0	23
PL.2004	PL.14544	C	4ACSR	14.56Y	121.4	0.00	4.64	0.71	1	9	5	87	0.00	0.0	5.291	0.139	0	0	0	1
379623	PL.2004	C	Consumer	14.56Y	121.4	0.00	4.64	0.71	0	9	5	87	0.00	0.0	5.291	0.000	9	5	1	1
PL.2005	PL.14544	C	4ACSR	14.56Y	121.4	0.00	4.64	0.00	0	0	0	100	0.00	0.0	5.234	0.083	0	0	0	0
PL.20364	PL.14544	C	4ACSR	14.56Y	121.3	0.03	4.67	20.00	17	263	124	90	0.06	0.0	5.216	0.065	0	0	0	22
PD.3396	PL.20364	C	25V4E	14.56Y	121.3	0.00	4.67	20.00	80	263	124	90	0.00	0.0	5.216	0.000	0	0	0	22
PL.20365	PD.3396	C	4ACSR	14.56Y	121.3	0.01	4.68	20.00	17	263	124	90	0.02	0.0	5.241	0.025	0	0	0	22
PL.14848	PL.20365	C	4ACSR	14.56Y	121.3	0.01	4.68	4.96	4	64	34	88	0.00	0.0	5.284	0.044	0	0	0	6
PL.14849	PL.14848	C	4ACSR	14.56Y	121.3	0.00	4.68	0.00	0	0	0	100	0.00	0.0	5.332	0.048	0	0	0	1
PL.2006	PL.14849	C	4ACSR	14.56Y	121.3	0.00	4.68	0.00	0	0	0	100	0.00	0.0	5.435	0.103	0	0	0	0
PL.14850	PL.14849	C	4ACSR	14.56Y	121.3	0.00	4.68	0.00	0	0	0	100	0.00	0.0	5.547	0.215	0	0	0	1
PL.22223	PL.14850	C	4ACSR	14.56Y	121.3	0.00	4.68	0.00	0	0	0	100	0.00	0.0	5.665	0.118	0	0	0	1
378611	PL.22223	C	Consumer	14.56Y	121.3	0.00	4.68	0.00	0	0	0	100	0.00	0.0	5.665	0.000	0	0	1	1
PL.28280	PL.14848	C	4ACSR	14.56Y	121.3	0.01	4.69	3.57	3	46	24	89	0.00	0.0	5.372	0.088	0	0	0	4
378625	PL.28280	C	Consumer	14.56Y	121.3	0.00	4.69	0.94	0	12	6	89	0.00	0.0	5.372	0.000	12	6	1	1
PL.28203	PL.28280	C	4ACSR	14.56Y	121.3	0.00	4.69	2.63	2	34	18	88	0.00	0.0	5.372	0.000	0	0	0	3
PL.28567	PL.28203	C	4ACSR	14.56Y	121.3	0.00	4.69	0.69	1	9	5	87	0.00	0.0	5.409	0.036	0	0	0	2
378605	PL.28567	C	Consumer	14.56Y	121.3	0.00	4.69	0.00	0	0	0	100	0.00	0.0	5.409	0.000	0	0	1	1
378621	PL.28567	C	Consumer	14.56Y	121.3	0.00	4.69	0.69	0	9	5	87	0.00	0.0	5.409	0.000	9	5	1	1
PL.28204	PL.28203	C	4ACSR	14.56Y	121.3	0.00	4.69	1.94	2	25	13	89	0.00	0.0	5.436	0.063	0	0	0	1
378620	PL.28204	C	Consumer	14.56Y	121.3	0.00	4.69	1.94	0	25	13	89	0.00	0.0	5.436	0.000	25	13	1	1
378609	PL.14848	C	Consumer	14.56Y	121.3	0.00	4.68	1.39	0	18	10	87	0.00	0.0	5.284	0.000	18	10	1	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.20366	PL.20365	C	4ACSR	14.56Y	121.3	0.00	4.68	15.04	13	199	90	91	0.00	0.0	5.248	0.008	0	0	0	16
C PD.1127	PL.20366	C	fuse6AMP	14.56Y	121.3	0.00	4.68	15.04	257	199	90	91	0.00	0.0	5.248	0.000	0	0	0	16 C
PL.20367	PD.1127	C	4ACSR	14.56Y	121.3	0.03	4.71	15.04	13	199	90	91	0.04	0.0	5.321	0.072	0	0	0	16
PL.6261	PL.20367	C	1/0EPRJCN	14.55Y	121.3	0.01	4.71	9.74	5	129	59	91	0.01	0.0	5.387	0.066	0	0	0	10
378629	PL.6261	C	Consumer	14.55Y	121.3	0.00	4.71	1.55	0	20	11	88	0.00	0.0	5.387	0.000	20	11	1	1
PL.4503	PL.6261	C	1/0EPRJCN	14.55Y	121.3	0.01	4.72	8.23	4	109	49	91	0.01	0.0	5.474	0.087	0	0	0	9
378627	PL.4503	C	Consumer	14.55Y	121.3	0.00	4.72	1.29	0	17	9	88	0.00	0.0	5.474	0.000	17	9	1	1
378631	PL.4503	C	Consumer	14.55Y	121.3	0.00	4.72	0.69	0	9	5	87	0.00	0.0	5.474	0.000	9	5	1	1
PL.14844	PL.4503	C	1/0EPRJCN	14.55Y	121.3	0.00	4.72	6.31	3	84	37	92	0.00	0.0	5.505	0.031	0	0	0	7
PL.14845	PL.14844	C	1/0EPRJCN	14.55Y	121.3	0.00	4.72	4.93	3	66	28	92	0.00	0.0	5.531	0.026	0	0	0	5
PL.4502	PL.14845	C	1/0EPRJCN	14.55Y	121.3	0.00	4.73	3.48	2	47	19	93	0.00	0.0	5.645	0.114	0	0	0	4
378711	PL.4502	C	Consumer	14.55Y	121.3	0.00	4.73	0.97	0	12	7	86	0.00	0.0	5.645	0.000	12	7	1	1
378715	PL.4502	C	Consumer	14.55Y	121.3	0.00	4.73	0.62	0	8	4	89	0.00	0.0	5.645	0.000	8	4	1	1
PL.4501	PL.4502	C	1/0EPRJCN	14.55Y	121.3	0.00	4.73	1.95	1	27	10	94	0.00	0.0	5.677	0.033	0	0	0	2
PL.4500	PL.4501	C	1/0EPRJCN	14.55Y	121.3	0.00	4.73	1.03	1	14	4	96	0.00	0.0	5.710	0.032	0	0	0	1
3787016	PL.4500	C	Consumer	14.55Y	121.3	0.00	4.73	1.12	0	14	8	87	0.00	0.0	5.710	0.000	14	8	1	1
PL.4499	PL.4500	C	1/0EPRJCN	14.55Y	121.3	-0.00	4.73	-0.21	0	0	-3	0	0.00	0.0	5.799	0.089	0	0	0	0
PL.4498	PL.4499	C	1/0EPRJCN	14.55Y	121.3	-0.00	4.73	-0.11	0	0	-2	0	0.00	0.0	5.845	0.046	0	0	0	0
PL.6263	PL.4498	C	1/0EPRJCN	14.55Y	121.3	-0.00	4.73	-0.05	0	0	-1	0	0.00	0.0	5.887	0.041	0	0	0	0
378710	PL.4498	C	Consumer	14.55Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	5.845	0.000	0	0	0	0
378714	PL.4501	C	Consumer	14.55Y	121.3	0.00	4.73	0.94	0	12	6	89	0.00	0.0	5.677	0.000	12	6	1	1
3787018	PL.4501	C	Consumer	14.55Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	5.677	0.000	0	0	0	0
378708	PL.14845	C	Consumer	14.55Y	121.3	0.00	4.72	1.47	0	19	10	88	0.00	0.0	5.531	0.000	19	10	1	1
378709	PL.14844	C	Consumer	14.55Y	121.3	0.00	4.72	1.08	0	14	7	89	0.00	0.0	5.505	0.000	14	7	1	1
3787017	PL.14844	C	Consumer	14.55Y	121.3	0.00	4.72	0.31	0	4	2	89	0.00	0.0	5.505	0.000	4	2	1	1
PL.14843	PL.20367	C	1/0EPRJCN	14.55Y	121.3	0.00	4.71	5.30	3	70	32	91	0.00	0.0	5.379	0.058	0	0	0	6
378630	PL.14843	C	Consumer	14.55Y	121.3	0.00	4.71	1.12	0	14	8	87	0.00	0.0	5.379	0.000	14	8	1	1
378626	PL.14843	C	Consumer	14.55Y	121.3	0.00	4.71	0.00	0	0	0	100	0.00	0.0	5.379	0.000	0	0	0	0
PL.14846	PL.14843	C	1/0EPRJCN	14.55Y	121.3	0.00	4.71	4.21	2	56	25	91	0.00	0.0	5.444	0.065	0	0	0	5
PL.14847	PL.14846	C	1/0EPRJCN	14.55Y	121.3	0.00	4.71	1.86	1	25	10	93	0.00	0.0	5.540	0.096	0	0	0	3
PL.6262	PL.14847	C	1/0EPRJCN	14.55Y	121.3	0.00	4.71	0.61	0	8	3	94	0.00	0.0	5.649	0.109	0	0	0	1
378712	PL.6262	C	Consumer	14.55Y	121.3	0.00	4.71	0.66	0	8	5	85	0.00	0.0	5.649	0.000	8	5	1	1
378706	PL.14847	C	Consumer	14.55Y	121.3	0.00	4.71	0.83	0	11	6	88	0.00	0.0	5.540	0.000	11	6	1	1
378707	PL.14847	C	Consumer	14.55Y	121.3	0.00	4.71	0.48	0	6	3	89	0.00	0.0	5.540	0.000	6	3	1	1
378622	PL.14846	C	Consumer	14.55Y	121.3	0.00	4.71	1.16	0	15	8	88	0.00	0.0	5.444	0.000	15	8	1	1
378628	PL.14846	C	Consumer	14.55Y	121.3	0.00	4.71	1.23	0	16	8	89	0.00	0.0	5.444	0.000	16	8	1	1
PL.21596	PL.14541	C	4ACSR	14.61Y	121.7	0.00	4.28	3.41	3	44	23	89	0.00	0.0	4.665	0.006	0	0	0	8
PD.1123	PL.21596	C	fuse8AMP	14.61Y	121.7	0.00	4.28	3.41	47	44	23	89	0.00	0.0	4.665	0.000	0	0	0	8

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.35661	PD.1123	C	4ACSR	14.61Y	121.7	0.01	4.29	3.41	3	44	23	89	0.00	0.0	4.775	0.110	0	0	0	8		
P PL.35660	PL.35661	C	1/0EPRJCN	14.61Y	121.7	-0.00	4.29	0.05	0	0	-1	0	0.00	0.0	4.818	0.043	0	0	0	1 P		
3796016	PL.35660	C	Consumer	14.61Y	121.7	0.00	4.29	0.01	0	0	0	100	0.00	0.0	4.818	0.000	0	0	1	1		
PL.35662	PL.35661	C	4ACSR	14.60Y	121.7	0.01	4.30	3.42	3	44	23	89	0.00	0.0	4.944	0.169	0	0	0	7		
PL.28279	PL.35662	C	4ACSR	14.60Y	121.7	0.01	4.31	2.81	2	36	19	88	0.00	0.0	5.109	0.165	0	0	0	5		
378614	PL.28279	C	Consumer	14.60Y	121.7	0.00	4.31	0.05	0	1	0	100	0.00	0.0	5.109	0.000	1	0	1	1		
PL.23047	PL.28279	C	4ACSR	14.60Y	121.7	0.00	4.31	2.76	2	36	19	88	0.00	0.0	5.109	0.000	0	0	0	4		
PL.23048	PL.23047	C	4ACSR	14.60Y	121.7	0.00	4.32	2.01	2	26	14	88	0.00	0.0	5.194	0.085	0	0	0	2		
378624	PL.23048	C	Consumer	14.60Y	121.7	0.00	4.32	0.11	0	1	1	71	0.00	0.0	5.194	0.000	1	1	1	1		
378623	PL.23048	C	Consumer	14.60Y	121.7	0.00	4.32	1.90	0	24	13	88	0.00	0.0	5.194	0.000	24	13	1	1		
378615	PL.23048	C	Consumer	14.60Y	121.7	0.00	4.32	0.00	0	0	0	100	0.00	0.0	5.194	0.000	0	0	0	0		
PL.28568	PL.23047	C	4ACSR	14.60Y	121.7	0.00	4.31	0.76	1	10	5	89	0.00	0.0	5.172	0.063	0	0	0	2		
378632	PL.28568	C	Consumer	14.60Y	121.7	0.00	4.31	0.03	0	0	0	100	0.00	0.0	5.172	0.000	0	0	1	1		
3786034	PL.28568	C	Consumer	14.60Y	121.7	0.00	4.31	0.72	0	9	5	87	0.00	0.0	5.172	0.000	9	5	1	1		
378601	PL.35662	C	Consumer	14.60Y	121.7	0.00	4.30	0.42	0	5	3	86	0.00	0.0	4.944	0.000	5	3	1	1		
378608	PL.35662	C	Consumer	14.60Y	121.7	0.00	4.30	0.19	0	2	1	89	0.00	0.0	4.944	0.000	2	1	1	1		
378606	PL.35662	C	Consumer	14.60Y	121.7	0.00	4.30	0.00	0	0	0	100	0.00	0.0	4.944	0.000	0	0	0	0		
379619	PL.14540	C	Consumer	14.64Y	122.0	0.00	3.96	0.50	0	7	3	92	0.00	0.0	4.428	0.000	7	3	1	1		
379617	PL.14540	C	Consumer	14.64Y	122.0	0.00	3.96	0.09	0	1	1	71	0.00	0.0	4.428	0.000	1	1	1	1		
379609	PL.14540	C	Consumer	14.64Y	122.0	0.00	3.96	0.56	0	7	4	87	0.00	0.0	4.428	0.000	7	4	1	1		
PL.21700	PL.28287	C	4ACSR	14.69Y	122.5	0.00	3.54	1.40	1	18	10	87	0.00	0.0	4.141	0.009	0	0	0	1		
PD.1122	PL.21700	C	fuse6AMP	14.69Y	122.5	0.00	3.54	1.40	24	18	10	87	0.00	0.0	4.141	0.000	0	0	0	1		
PL.21701	PD.1122	C	4ACSR	14.69Y	122.5	0.00	3.55	1.40	1	18	10	87	0.00	0.0	4.254	0.112	0	0	0	1		
PL.22222	PL.21701	C	4ACSR	14.69Y	122.5	0.00	3.55	1.40	1	18	10	87	0.00	0.0	4.314	0.060	0	0	0	1		
PL.22221	PL.22222	C	4ACSR	14.69Y	122.4	0.00	3.55	1.40	1	18	10	87	0.00	0.0	4.400	0.087	0	0	0	1		
378617	PL.22221	C	Consumer	14.69Y	122.4	0.00	3.55	1.40	0	18	10	87	0.00	0.0	4.400	0.000	18	10	1	1		
PL.28566	PL.22302	C	4ACSR	14.71Y	122.6	0.00	3.40	1.03	1	13	7	88	0.00	0.0	4.059	0.026	0	0	0	1		
379604	PL.28566	C	Consumer	14.71Y	122.6	0.00	3.40	1.03	0	13	7	88	0.00	0.0	4.059	0.000	13	7	1	1		
H PL.14321	PL.27302	A	1/0ACSR	15.21Y	126.8	-0.00	-0.77	0.00	0	0	0	100	0.00	0.0	4.047	0.055	0	0	0	0 H		
		B		15.02Y	125.2	0.00	0.81	0.00	0	0	0	100					0	0	0	0		
		C		14.72Y	122.7	0.00	3.33	2.58	1	33	18	88					0	0	0	5		
H PL.14538	PL.14321	A	1/0ACSR	15.21Y	126.8	0.00	-0.77	0.00	0	0	0	100	0.00	0.0	4.098	0.051	0	0	0	0 H		
		B		15.02Y	125.2	0.00	0.81	0.00	0	0	0	100					0	0	0	0		
		C		14.72Y	122.7	0.00	3.33	0.00	0	0	0	100					0	0	0	0		
H PD.7631-A	PL.14538	A	Open	15.21Y	126.8	0.00	-0.77	0.00	0	0	0	100	0.00	0.0	4.098	0.000	0	0	0	0 H		
		B		15.02Y	125.2	0.00	0.81	0.00	0	0	0	100					0	0	0	0		
		C		14.72Y	122.7	0.00	3.33	0.00	0	0	0	100					0	0	0	0		
PL.20453	PL.14321	C	4ACSR	14.72Y	122.7	0.00	3.34	2.58	2	33	18	88	0.00	0.0	4.068	0.021	0	0	0	5		
PD.1125	PL.20453	C	fuse6AMP	14.72Y	122.7	0.00	3.34	2.58	44	33	18	88	0.00	0.0	4.068	0.000	0	0	0	5		
PL.20452	PD.1125	C	4ACSR	14.72Y	122.7	0.00	3.34	2.58	2	33	18	88	0.00	0.0	4.147	0.079	0	0	0	5		
PL.6260	PL.20452	C	4ACSR	14.72Y	122.7	0.00	3.34	0.73	1	9	5	87	0.00	0.0	4.235	0.088	0	0	0	1		

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	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
379615	PL.6260	C	Consumer	14.72Y	122.7	0.00	3.34	0.73	0	9	5	87	0.00	0.0	4.235	0.000	9	5	1	1
379601	PL.20452	C	Consumer	14.72Y	122.7	0.00	3.34	0.56	0	7	4	87	0.00	0.0	4.147	0.000	7	4	1	1
3796017	PL.20452	C	Consumer	14.72Y	122.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	4.147	0.000	0	0	0	0
379603	PL.20452	C	Consumer	14.72Y	122.7	0.00	3.34	0.44	0	6	3	89	0.00	0.0	4.147	0.000	6	3	1	1
379602	PL.20452	C	Consumer	14.72Y	122.7	0.00	3.34	0.77	0	10	5	89	0.00	0.0	4.147	0.000	10	5	1	1
379627	PL.20452	C	Consumer	14.72Y	122.7	0.00	3.34	0.08	0	1	1	71	0.00	0.0	4.147	0.000	1	1	1	1
430612	PL.19543	B	Consumer	15.03Y	125.2	0.00	0.78	0.89	0	12	6	89	0.00	0.0	3.537	0.000	12	6	1	1
430606	PL.19543	B	Consumer	15.03Y	125.2	0.00	0.78	0.58	0	8	4	89	0.00	0.0	3.537	0.000	8	4	1	1
H PL.17790	PL.14473	A	4ACSR	15.19Y	126.6	0.00	-0.59	3.78	3	51	27	88	0.00	0.0	3.389	0.024	0	0	0	4 H
H PD.1354	PL.17790	A	fuse6AMP	15.19Y	126.6	0.00	-0.59	3.78	65	51	27	88	0.00	0.0	3.389	0.000	0	0	0	4 H
H PL.17791	PD.1354	A	4ACSR	15.19Y	126.6	0.01	-0.58	3.78	3	51	27	88	0.00	0.0	3.448	0.059	0	0	0	4 H
H PL.18252	PL.17791	A	4ACSR	15.19Y	126.6	0.01	-0.58	2.72	2	36	19	88	0.00	0.0	3.533	0.085	0	0	0	3 H
H PL.18253	PL.18252	A	4ACSR	15.19Y	126.6	0.00	-0.58	1.35	1	18	10	87	0.00	0.0	3.534	0.000	0	0	0	2 H
H PL.2410	PL.18253	A	4ACSR	15.19Y	126.6	0.00	-0.57	1.35	1	18	10	87	0.00	0.0	3.570	0.036	0	0	0	2 H
H 430615	PL.2410	A	Consumer	15.19Y	126.6	0.00	-0.57	0.00	0	0	0	100	0.00	0.0	3.570	0.000	0	0	1	1 H
H 430611	PL.2410	A	Consumer	15.19Y	126.6	0.00	-0.57	1.35	0	18	10	87	0.00	0.0	3.570	0.000	18	10	1	1 H
H 430610	PL.18252	A	Consumer	15.19Y	126.6	0.00	-0.58	1.37	0	18	10	87	0.00	0.0	3.533	0.000	18	10	1	1 H
H 430609	PL.17791	A	Consumer	15.19Y	126.6	0.00	-0.58	1.06	0	14	8	87	0.00	0.0	3.448	0.000	14	8	1	1 H
PL.2404	PL.14472	C	4ACSR	14.80Y	123.3	0.00	2.69	0.05	0	1	0	100	0.00	0.0	3.310	0.028	0	0	0	1
PD.1359	PL.2404	C	fuse6AMP	14.80Y	123.3	0.00	2.69	0.05	1	1	0	100	0.00	0.0	3.310	0.000	0	0	0	1
PL.14474	PD.1359	C	4ACSR	14.80Y	123.3	0.00	2.69	0.05	0	1	0	100	0.00	0.0	3.574	0.263	0	0	0	1
PL.1624	PL.14474	C	4ACSR	14.80Y	123.3	0.00	2.69	0.05	0	1	0	100	0.00	0.0	3.675	0.101	0	0	0	1
430502	PL.1624	C	Consumer	14.80Y	123.3	0.00	2.69	0.05	0	1	0	100	0.00	0.0	3.675	0.000	1	0	1	1
PL.14319	PL.14474	C	4ACSR	14.80Y	123.3	0.00	2.69	0.00	0	0	0	100	0.00	0.0	3.716	0.142	0	0	0	0
H PL.18177	PL.6493	A	4ACSR	15.19Y	126.6	0.00	-0.56	0.00	0	0	0	100	0.00	0.0	3.264	0.020	0	0	0	1 H
H PD.1353	PL.18177	A	fuse6AMP	15.19Y	126.6	0.00	-0.56	0.00	0	0	0	100	0.00	0.0	3.264	0.000	0	0	0	1 H
H PL.18178	PD.1353	A	4ACSR	15.19Y	126.6	0.00	-0.56	0.00	0	0	0	100	0.00	0.0	3.521	0.257	0	0	0	1 H
H 431602	PL.18178	A	Consumer	15.19Y	126.6	0.00	-0.56	0.00	0	0	0	100	0.00	0.0	3.521	0.000	0	0	1	1 H
430614	PL.43984	B	Consumer	15.03Y	125.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	3.209	0.000	0	0	0	0
P PL.45327	PL.43983	A	2ACSR	15.18Y	126.5	-0.00	-0.50	0.06	0	0	-1	0	0.00	0.0	3.048	0.044	0	0	0	1 P
PL.45395	PL.45327	A	2ACSR	15.18Y	126.5	0.00	-0.50	0.00	0	0	0	100	0.00	0.0	3.108	0.061	0	0	0	0
4315029	PL.45395	A	Consumer	15.18Y	126.5	0.00	-0.50	0.00	0	0	0	100	0.00	0.0	3.108	0.000	0	0	0	0
4315028	PL.45327	A	Consumer	15.18Y	126.5	0.00	-0.50	0.01	0	0	0	100	0.00	0.0	3.048	0.000	0	0	1	1
P PL.45328	PL.45327	A	2ACSR	15.18Y	126.5	-0.00	-0.50	-0.06	0	0	-1	0	0.00	0.0	3.083	0.036	0	0	0	0 P
PL.45324	PL.45328	A	2ACSR	15.18Y	126.5	0.00	-0.50	0.00	0	0	0	100	0.00	0.0	3.285	0.202	0	0	0	0
P PL.45322	PL.45328	A	1/0EPRJCN	15.18Y	126.5	-0.00	-0.50	-0.06	0	0	-1	0	0.00	0.0	3.134	0.051	0	0	0	0 P
4315027	PL.45322	A	Consumer	15.18Y	126.5	0.00	-0.50	0.00	0	0	0	100	0.00	0.0	3.134	0.000	0	0	0	0
4316019	PL.43983	A	Consumer	15.18Y	126.5	0.00	-0.50	0.00	0	0	0	100	0.00	0.0	3.003	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.43985	PL.43983	A	2ACSR	15.18Y	126.5	0.00	-0.50	0.05	0	1	0	100	0.00	0.0	3.034	0.030	0	0	0	1
4316020	PL.43985	A	Consumer	15.18Y	126.5	0.00	-0.50	0.00	0	0	0	100	0.00	0.0	3.034	0.000	0	0	0	0
4316022	PL.43985	A	Consumer	15.18Y	126.5	0.00	-0.50	0.00	0	0	0	100	0.00	0.0	3.034	0.000	0	0	0	0
4316021	PL.43985	A	Consumer	15.18Y	126.5	0.00	-0.50	0.00	0	0	0	100	0.00	0.0	3.034	0.000	0	0	0	0
4316018	PL.43985	A	Consumer	15.18Y	126.5	0.00	-0.50	0.05	0	1	0	100	0.00	0.0	3.034	0.000	1	0	1	1
PL.43979	PL.43977	A	4ACSR	15.18Y	126.5	0.00	-0.48	0.05	0	1	0	100	0.00	0.0	2.955	0.009	0	0	0	1
PD.1355	PL.43979	A	fuse6AMP	15.18Y	126.5	0.00	-0.48	0.05	1	1	0	100	0.00	0.0	2.955	0.000	0	0	0	1
PL.43980	PD.1355	A	4ACSR	15.18Y	126.5	0.00	-0.48	0.05	0	1	0	100	0.00	0.0	3.020	0.065	0	0	0	1
431608	PL.43980	A	Consumer	15.18Y	126.5	0.00	-0.48	0.05	0	1	0	100	0.00	0.0	3.020	0.000	1	0	1	1
431601	PL.14470	B	Consumer	15.03Y	125.3	0.00	0.73	0.50	0	7	4	87	0.00	0.0	2.819	0.000	7	4	1	1
PL.27561	PL.14465	C	4ACSR	14.88Y	124.0	0.00	2.03	1.95	2	26	14	88	0.00	0.0	2.576	0.014	0	0	0	2
PD.1385	PL.27561	C	fuse6AMP	14.88Y	124.0	0.00	2.03	1.95	33	26	14	88	0.00	0.0	2.576	0.000	0	0	0	2
PL.27562	PD.1385	C	4ACSR	14.88Y	124.0	0.00	2.04	1.95	2	26	14	88	0.00	0.0	2.630	0.055	0	0	0	2
431525	PL.27562	C	Consumer	14.88Y	124.0	0.00	2.04	1.38	0	18	10	87	0.00	0.0	2.630	0.000	18	10	1	1
431520	PL.27562	C	Consumer	14.88Y	124.0	0.00	2.04	0.57	0	7	4	87	0.00	0.0	2.630	0.000	7	4	1	1
431522	PL.27562	C	Consumer	14.88Y	124.0	0.00	2.04	0.00	0	0	0	100	0.00	0.0	2.630	0.000	0	0	0	0
PL.21050	PL.18659	A	4ACSR	15.16Y	126.4	0.00	-0.35	0.96	1	13	7	88	0.00	0.0	2.404	0.020	0	0	0	2
PD.1379	PL.21050	A	fuse6AMP	15.16Y	126.4	0.00	-0.35	0.96	16	13	7	88	0.00	0.0	2.404	0.000	0	0	0	2
PL.21051	PD.1379	A	4ACSR	15.16Y	126.4	0.00	-0.35	0.96	1	13	7	88	0.00	0.0	2.443	0.039	0	0	0	2
PL.20959	PL.21051	A	4ACSR	15.16Y	126.4	0.00	-0.35	0.77	1	10	6	86	0.00	0.0	2.506	0.064	0	0	0	1
431515	PL.20959	A	Consumer	15.16Y	126.4	0.00	-0.35	0.77	0	10	6	86	0.00	0.0	2.506	0.000	10	6	1	1
431507	PL.21051	A	Consumer	15.16Y	126.4	0.00	-0.35	0.19	0	2	1	89	0.00	0.0	2.443	0.000	2	1	1	1
PL.39783	PL.39781	A	1/0EPRJCN	15.15Y	126.2	0.00	-0.21	8.01	4	113	44	93	0.00	0.0	1.752	0.013	0	0	0	1
		B		15.05Y	125.4	0.00	0.60	8.06	4	113	44	93					0	0	0	1
		C		14.96Y	124.7	0.00	1.29	8.11	4	113	44	93					0	0	0	1
PD.7103	PL.39783	A	fuse20AMP	15.15Y	126.2	0.00	-0.21	8.02	42	113	44	93	0.00	0.0	1.752	0.000	0	0	0	1
		B		15.05Y	125.4	0.00	0.60	8.07	42	113	44	93					0	0	0	1
		C		14.96Y	124.7	0.00	1.29	8.11	43	113	44	93					0	0	0	1
PL.39784	PD.7103	A	1/0EPRJCN	15.14Y	126.2	0.00	-0.21	8.02	4	113	44	93	0.00	0.0	1.780	0.028	0	0	0	1
		B		15.05Y	125.4	0.00	0.61	8.07	4	113	44	93					0	0	0	1
		C		14.96Y	124.7	0.00	1.30	8.11	4	113	44	93					0	0	0	1
4325026	PL.39784	A	Consumer	15.14Y	126.2	0.00	-0.21	1.10	0	15	7	91	0.00	0.0	1.780	0.000	15	7	0	0
		B		15.05Y	125.4	0.00	0.61	1.11	0	15	7	90					15	7	0	0
		C		14.96Y	124.7	0.00	1.30	1.12	0	15	7	90					15	7	0	0
4325025	PL.39784	A	Consumer	15.14Y	126.2	0.00	-0.21	6.93	0	98	37	94	0.00	0.0	1.780	0.000	98	37	0	0
		B		15.05Y	125.4	0.00	0.61	6.97	0	98	37	94					98	37	0	0
		C		14.96Y	124.7	0.00	1.30	7.01	0	98	37	94					98	37	0	0
432514	PL.14460	B	Consumer	15.07Y	125.6	0.00	0.45	0.65	0	9	5	87	0.00	0.0	0.897	0.000	9	5	1	1
433505	PL.44153	B	Consumer	15.07Y	125.6	0.00	0.39	0.00	0	0	0	100	0.00	0.0	0.731	0.000	0	0	0	0
4335144	PL.44153	B	Consumer	15.07Y	125.6	0.00	0.39	0.40	0	5	3	86	0.00	0.0	0.731	0.000	5	3	1	1
PL.13675	PL.13672	C	4ACSR	15.08Y	125.7	0.00	0.31	3.62	3	48	25	89	0.00	0.0	0.454	0.008	0	0	0	3
PD.1393	PL.13675	C	fuse6AMP	15.08Y	125.7	0.00	0.31	3.62	62	48	25	89	0.00	0.0	0.454	0.000	0	0	0	3
PL.13676	PD.1393	C	4ACSR	15.08Y	125.7	0.01	0.31	3.62	3	48	25	89	0.00	0.0	0.529	0.075	0	0	0	3

Unbalanced Voltage Drop Report
Source: HINKSTON

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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						
433511	PL.13676	C	Consumer	15.08Y	125.7	0.00	0.31	2.15	0	29	15	89	0.00	0.0	0.529	0.000	29	15	1	1		
4335139	PL.13676	C	Consumer	15.08Y	125.7	0.00	0.31	0.47	0	6	3	89	0.00	0.0	0.529	0.000	6	3	1	1		
433533	PL.13676	C	Consumer	15.08Y	125.7	0.00	0.31	0.99	0	13	7	88	0.00	0.0	0.529	0.000	13	7	1	1		
PL.13673	PL.13672	A	4ACSR	15.12Y	126.0	0.00	-0.04	2.63	2	35	18	89	0.00	0.0	0.453	0.006	0	0	0	4		
PD.1392	PL.13673	A	fuse6AMP	15.12Y	126.0	0.00	-0.04	2.63	45	35	18	89	0.00	0.0	0.453	0.000	0	0	0	4		
PL.13674	PD.1392	A	4ACSR	15.12Y	126.0	0.00	-0.04	2.63	2	35	18	89	0.00	0.0	0.494	0.041	0	0	0	4		
PL.6697	PL.13674	A	4ACSR	15.12Y	126.0	0.00	-0.03	2.63	2	35	18	89	0.00	0.0	0.517	0.023	0	0	0	4		
PL.6698	PL.6697	A	4ACSR	15.12Y	126.0	0.00	-0.03	2.63	2	35	18	89	0.00	0.0	0.538	0.021	0	0	0	3		
433512	PL.6698	A	Consumer	15.12Y	126.0	0.00	-0.03	2.62	0	35	19	88	0.00	0.0	0.538	0.000	35	19	1	1		
PL.31034	PL.6698	A	2ACSR	15.12Y	126.0	0.00	-0.03	0.05	0	0	-1	0	0.00	0.0	0.650	0.112	0	0	0	2		
P PL.44623	PL.31034	A	1/0EPRJCN	15.12Y	126.0	0.00	-0.03	-0.05	0	0	-1	0	0.00	0.0	0.691	0.041	0	0	0	0 P		
4335145	PL.44623	A	Consumer	15.12Y	126.0	0.00	-0.03	0.00	0	0	0	100	0.00	0.0	0.691	0.000	0	0	0	0		
4335138	PL.31034	A	Consumer	15.12Y	126.0	0.00	-0.03	0.01	0	0	0	100	0.00	0.0	0.650	0.000	0	0	1	1		
PL.45141	PL.31034	A	2ACSR	15.12Y	126.0	0.00	-0.03	0.02	0	0	0	100	0.00	0.0	0.745	0.095	0	0	0	1		
4335147	PL.45141	A	Consumer	15.12Y	126.0	0.00	-0.03	0.02	0	0	0	100	0.00	0.0	0.745	0.000	0	0	1	1		
4335137	PL.6697	A	Consumer	15.12Y	126.0	0.00	-0.03	0.00	0	0	0	100	0.00	0.0	0.517	0.000	0	0	1	1		
PL.17930	PL.95	A	1/0ACSR	15.12Y	126.0	0.00	-0.03	0.19	0	3	1	95	0.14	0.0	0.427	0.059	0	0	0	1		
		B		15.08Y	125.7	0.04	0.30	47.77	24	636	339	88					0	0	0	76		
		C		15.09Y	125.8	-0.01	0.21	1.89	1	25	13	88					0	0	0	1		
PD.2650	PL.17930	A	50V4E	15.12Y	126.0	0.00	-0.03	0.19	0	3	1	95	0.00	0.0	0.427	0.000	0	0	0	1		
C		B		15.08Y	125.7	0.00	0.30	47.77	96	636	339	88					0	0	0	76 C		
		C		15.09Y	125.8	0.00	0.21	1.89	4	25	13	88					0	0	0	1		
PL.17931	PD.2650	A	1/0ACSR	15.12Y	126.0	0.00	-0.03	0.19	0	3	1	95	0.31	0.0	0.553	0.126	0	0	0	1		
		B		15.07Y	125.6	0.08	0.38	47.77	24	636	339	88					0	0	0	76		
		C		15.10Y	125.8	-0.02	0.19	1.89	1	25	13	88					0	0	0	1		
PL.14306	PL.17931	A	1/0ACSR	15.12Y	126.0	0.00	-0.03	0.19	0	3	1	95	0.02	0.0	0.603	0.050	0	0	0	1		
		B		15.07Y	125.6	0.01	0.39	17.43	9	232	124	88					0	0	0	35		
		C		15.10Y	125.8	-0.00	0.18	1.89	1	25	13	88					0	0	0	1		
4335108	PL.14306	B	Consumer	15.07Y	125.6	0.00	0.39	0.61	0	8	4	89	0.00	0.0	0.603	0.000	8	4	1	1		
4335111	PL.14306	B	Consumer	15.07Y	125.6	0.00	0.39	0.77	0	10	5	89	0.00	0.0	0.603	0.000	10	5	1	1		
4335110	PL.14306	B	Consumer	15.07Y	125.6	0.00	0.39	0.00	0	0	0	100	0.00	0.0	0.603	0.000	0	0	0	0		
4335112	PL.14306	B	Consumer	15.07Y	125.6	0.00	0.39	0.27	0	4	2	89	0.00	0.0	0.603	0.000	4	2	1	1		
4335109	PL.14306	B	Consumer	15.07Y	125.6	0.00	0.39	0.16	0	2	1	89	0.00	0.0	0.603	0.000	2	1	1	1		
4335113	PL.14306	B	Consumer	15.07Y	125.6	0.00	0.39	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	15.12Y	126.0	0.00	-0.03	0.19	0	3	1	95	0.01	0.0	0.650	0.047	0	0	0	1		
		B		15.07Y	125.6	0.01	0.40	15.18	8	202	108	88					0	0	0	30		
		C		15.10Y	125.8	-0.00	0.18	1.89	1	25	13	88					0	0	0	1		
PL.27569	PL.14307	B	4ACSR	15.07Y	125.6	0.00	0.40	3.16	3	42	22	89	0.00	0.0	0.662	0.012	0	0	0	3		
PD.1395	PL.27569	B	fuse6AMP	15.07Y	125.6	0.00	0.40	3.16	54	42	22	89	0.00	0.0	0.662	0.000	0	0	0	3		
PL.27570	PD.1395	B	4ACSR	15.07Y	125.6	0.00	0.41	3.16	3	42	22	89	0.00	0.0	0.709	0.047	0	0	0	3		
PL.6686	PL.27570	B	4ACSR	15.07Y	125.6	0.00	0.41	2.18	2	29	15	89	0.00	0.0	0.710	0.001	0	0	0	2		
PL.23918	PL.6686	B	4ACSR	15.07Y	125.6	0.00	0.41	2.18	2	29	15	89	0.00	0.0	0.740	0.030	0	0	0	2		
PL.2452	PL.23918	B	4ACSR	15.07Y	125.6	0.00	0.41	2.18	2	29	15	89	0.00	0.0	0.830	0.091	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: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 CWP.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 433593, 4335125, 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: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.14448	PL.14316	A	4ACSR	15.12Y	126.0	0.00	-0.03	0.19	0	3	1	95	0.00	0.0	0.863	0.019	0	0	0	1
PD.1397	PL.14448	A	fuse6AMP	15.12Y	126.0	0.00	-0.03	0.19	3	3	1	95	0.00	0.0	0.863	0.000	0	0	0	1
PL.14447	PD.1397	A	4ACSR	15.12Y	126.0	0.00	-0.03	0.19	0	3	1	95	0.00	0.0	0.930	0.067	0	0	0	1
433506	PL.14447	A	Consumer	15.12Y	126.0	0.00	-0.03	0.19	0	3	1	95	0.00	0.0	0.930	0.000	3	1	1	1
PL.17928	PL.17931	B	4ACSR	15.07Y	125.6	0.01	0.39	28.10	24	374	199	88	0.03	0.0	0.568	0.015	0	0	0	37
C PD.2649	PL.17928	B	25E	15.07Y	125.6	0.00	0.39	28.10	112	374	199	88	0.00	0.0	0.568	0.000	0	0	0	37 C
PL.17929	PD.2649	B	4ACSR	15.07Y	125.6	0.02	0.41	28.10	24	374	199	88	0.05	0.0	0.593	0.025	0	0	0	37
4335122	PL.17929	B	Consumer	15.07Y	125.6	0.00	0.41	0.26	0	3	2	83	0.00	0.0	0.593	0.000	3	2	1	1
4335121	PL.17929	B	Consumer	15.07Y	125.6	0.00	0.41	0.41	0	5	3	86	0.00	0.0	0.593	0.000	5	3	1	1
4335119	PL.17929	B	Consumer	15.07Y	125.6	0.00	0.41	0.52	0	7	4	87	0.00	0.0	0.593	0.000	7	4	1	1
4335118	PL.17929	B	Consumer	15.07Y	125.6	0.00	0.41	0.48	0	6	3	89	0.00	0.0	0.593	0.000	6	3	1	1
PL.14305	PL.17929	B	4ACSR	15.07Y	125.6	0.02	0.43	26.43	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	0.47	25.80	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	0.47	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	0.47	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	0.47	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	0.47	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	0.47	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	0.47	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	0.47	0.00	0	0	0	100	0.00	0.0	0.695	0.000	0	0	0	0
PL.14450	PL.14449	B	4ACSR	15.06Y	125.5	0.02	0.49	22.96	19	305	163	88	0.04	0.0	0.731	0.036	0	0	0	26
PL.14451	PL.14450	B	4ACSR	15.06Y	125.5	0.01	0.50	8.15	7	108	58	88	0.01	0.0	0.775	0.044	0	0	0	9
433560	PL.14451	B	Consumer	15.06Y	125.5	0.00	0.50	1.27	0	17	9	88	0.00	0.0	0.775	0.000	17	9	1	1
433562	PL.14451	B	Consumer	15.06Y	125.5	0.00	0.50	0.90	0	12	6	89	0.00	0.0	0.775	0.000	12	6	1	1
433563	PL.14451	B	Consumer	15.06Y	125.5	0.00	0.50	0.90	0	12	6	89	0.00	0.0	0.775	0.000	12	6	1	1
433561	PL.14451	B	Consumer	15.06Y	125.5	0.00	0.50	0.64	0	8	5	85	0.00	0.0	0.775	0.000	8	5	1	1
PL.6693	PL.14451	B	4ACSR	15.06Y	125.5	0.00	0.50	4.44	4	59	31	89	0.00	0.0	0.812	0.037	0	0	0	5
433559	PL.6693	B	Consumer	15.06Y	125.5	0.00	0.50	0.87	0	12	6	89	0.00	0.0	0.812	0.000	12	6	1	1
433556	PL.6693	B	Consumer	15.06Y	125.5	0.00	0.50	0.57	0	8	4	89	0.00	0.0	0.812	0.000	8	4	1	1
433558	PL.6693	B	Consumer	15.06Y	125.5	0.00	0.50	0.95	0	13	7	88	0.00	0.0	0.812	0.000	13	7	1	1
433582	PL.6693	B	Consumer	15.06Y	125.5	0.00	0.50	1.05	0	14	7	89	0.00	0.0	0.812	0.000	14	7	1	1
433557	PL.6693	B	Consumer	15.06Y	125.5	0.00	0.50	1.00	0	13	7	88	0.00	0.0	0.812	0.000	13	7	1	1
PL.14313	PL.14450	B	4ACSR	15.06Y	125.5	0.01	0.50	12.67	11	168	90	88	0.02	0.0	0.775	0.044	0	0	0	13
433544	PL.14313	B	Consumer	15.06Y	125.5	0.00	0.50	0.87	0	12	6	89	0.00	0.0	0.775	0.000	12	6	1	1
433543	PL.14313	B	Consumer	15.06Y	125.5	0.00	0.50	0.87	0	12	6	89	0.00	0.0	0.775	0.000	12	6	1	1
PL.6690	PL.14313	B	4ACSR	15.06Y	125.5	0.01	0.51	10.93	9	145	77	88	0.01	0.0	0.827	0.052	0	0	0	11
PL.6691	PL.6690	B	4ACSR	15.06Y	125.5	0.01	0.52	5.92	5	79	42	88	0.00	0.0	0.872	0.045	0	0	0	7
433552	PL.6691	B	Consumer	15.06Y	125.5	0.00	0.52	0.63	0	8	4	89	0.00	0.0	0.872	0.000	8	4	1	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 and a section for Feeder No. 3 (HINKSTON3).

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.42969, PL.13681, etc.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.23655, PL.13685, PD.332-A, PD.332-B, PL.13686, PL.13687, PL.13688, PL.29285, PL.6694, PL.6695, PL.433569, PL.433564, PL.29286, PL.4335101, PL.4335100, PL.433529, LMS#2, PL.21364, PL.21365.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.13689, PL.29284, etc.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.26363	PL.29570	A	4ACSR	14.68Y	122.3	1.41	3.66	89.25	75	1169	625	88	12.91	1.1	2.731	0.678	0	0	0	127	
PD.322-A	PL.26363	A	Closed	14.68Y	122.3	0.00	3.66	89.25	0	1156	617	88	0.00	0.0	2.731	0.000	0	0	0	127	
PD.322-B	PD.322-A	A	Closed	14.68Y	122.3	0.00	3.66	89.25	0	1156	617	88	0.00	0.0	2.731	0.000	0	0	0	127	
PL.26364	PD.322-B	A	4ACSR	14.68Y	122.3	0.02	3.68	89.25	75	1156	617	88	0.16	0.0	2.740	0.008	0	0	0	127	
PL.24693	PL.26364	A	4ACSR	14.66Y	122.2	0.15	3.83	87.49	74	1133	604	88	1.32	0.1	2.812	0.072	0	0	0	126	
433714	PL.24693	A	Consumer	14.66Y	122.2	0.00	3.83	1.12	0	15	8	88	0.00	0.0	2.812	0.000	15	8	1	1	
PL.26365	PL.24693	A	4ACSR	14.64Y	122.0	0.21	4.03	86.03	72	1113	594	88	1.83	0.2	2.915	0.103	0	0	0	124	
PL.26366	PL.26365	A	4ACSR	14.63Y	121.9	0.09	4.12	84.58	71	1092	583	88	0.79	0.1	2.961	0.046	0	0	0	122	
PL.26367	PL.26366	A	4ACSR	14.60Y	121.7	0.19	4.31	83.75	70	1081	576	88	1.61	0.1	3.057	0.096	0	0	0	120	
PL.24694	PL.26367	A	4ACSR	14.60Y	121.7	0.00	4.31	1.73	1	22	12	88	0.00	0.0	3.111	0.053	0	0	0	3	
PL.24695	PL.24694	A	4ACSR	14.60Y	121.7	0.00	4.31	1.73	1	22	12	88	0.00	0.0	3.111	0.000	0	0	0	3	
433717	PL.24695	A	Consumer	14.60Y	121.7	0.00	4.31	1.02	0	13	7	88	0.00	0.0	3.111	0.000	13	7	1	1	
433709	PL.24695	A	Consumer	14.60Y	121.7	0.00	4.31	0.70	0	9	5	87	0.00	0.0	3.111	0.000	9	5	1	1	
433711	PL.24695	A	Consumer	14.60Y	121.7	0.00	4.31	0.01	0	0	0	100	0.00	0.0	3.111	0.000	0	0	1	1	
PL.26368	PL.26367	A	4ACSR	14.56Y	121.3	0.39	4.70	81.41	68	1049	559	88	3.24	0.3	3.262	0.205	0	0	0	116	
PL.13327	PL.26368	A	4ACSR	14.56Y	121.3	0.01	4.70	38.79	33	498	266	88	0.02	0.0	3.268	0.006	0	0	0	43	
C PD.2645	PL.13327	A	25V4E	14.56Y	121.3	0.00	4.70	38.79	155	498	266	88	0.00	0.0	3.268	0.000	0	0	0	43 C	
PL.13328	PD.2645	A	4ACSR	14.50Y	120.9	0.44	5.15	38.79	33	498	266	88	1.77	0.4	3.762	0.493	0	0	0	43	
PL.13331	PL.13328	A	4ACSR	14.50Y	120.9	0.00	5.15	1.64	1	21	11	89	0.00	0.0	3.790	0.029	0	0	0	3	
PD.1373	PL.13331	A	fuse6AMP	14.50Y	120.9	0.00	5.15	1.64	28	21	11	89	0.00	0.0	3.790	0.000	0	0	0	3	
PL.13332	PD.1373	A	4ACSR	14.50Y	120.8	0.01	5.16	1.64	1	21	11	89	0.00	0.0	3.950	0.159	0	0	0	3	
PL.13330	PL.13332	A	4ACSR	14.50Y	120.8	0.00	5.16	0.82	1	11	6	88	0.00	0.0	4.096	0.146	0	0	0	1	
433705	PL.13330	A	Consumer	14.50Y	120.8	0.00	5.16	0.82	0	11	6	88	0.00	0.0	4.096	0.000	11	6	1	1	
PL.1600	PL.13330	A	4ACSR	14.50Y	120.8	0.00	5.16	0.00	0	0	0	100	0.00	0.0	4.225	0.129	0	0	0	0	
PL.1601	PL.13332	A	4ACSR	14.50Y	120.8	0.00	5.16	0.82	1	10	6	86	0.00	0.0	4.012	0.062	0	0	0	2	
433712	PL.1601	A	Consumer	14.50Y	120.8	0.00	5.16	0.79	0	10	5	89	0.00	0.0	4.012	0.000	10	5	1	1	
433713	PL.1601	A	Consumer	14.50Y	120.8	0.00	5.16	0.03	0	0	0	100	0.00	0.0	4.012	0.000	0	0	1	1	
433704	PL.13328	A	Consumer	14.50Y	120.9	0.00	5.15	0.90	0	12	6	89	0.00	0.0	3.762	0.000	12	6	1	1	
PL.13329	PL.13328	A	4ACSR	14.49Y	120.8	0.08	5.23	36.25	30	464	247	88	0.30	0.1	3.857	0.096	0	0	0	39	
433706	PL.13329	A	Consumer	14.49Y	120.8	0.00	5.23	0.00	0	0	0	100	0.00	0.0	3.857	0.000	0	0	1	1	
PL.24692	PL.13329	A	4ACSR	14.47Y	120.6	0.20	5.42	36.25	30	464	247	88	0.73	0.2	4.089	0.232	0	0	0	38	
PL.13339	PL.24692	A	4ACSR	14.47Y	120.6	0.01	5.43	34.25	29	437	233	88	0.04	0.0	4.103	0.013	0	0	0	36	
PD.321-A	PL.13339	A	Closed	14.47Y	120.6	0.00	5.43	34.25	0	437	233	88	0.00	0.0	4.103	0.000	0	0	0	36	
PD.321-B	PD.321-A	A	Closed	14.47Y	120.6	0.00	5.43	34.25	0	437	233	88	0.00	0.0	4.103	0.000	0	0	0	36	
PL.13340	PD.321-B	A	4ACSR	14.46Y	120.5	0.08	5.52	34.25	29	437	233	88	0.28	0.1	4.204	0.101	0	0	0	36	
PL.1599	PL.13340	A	4ACSR	14.46Y	120.5	0.00	5.52	0.00	0	0	0	100	0.00	0.0	4.241	0.037	0	0	0	1	
434729	PL.1599	A	Consumer	14.46Y	120.5	0.00	5.52	0.00	0	0	0	100	0.00	0.0	4.241	0.000	0	0	1	1	
PL.13337	PL.13340	A	4ACSR	14.45Y	120.4	0.10	5.62	34.25	29	437	233	88	0.36	0.1	4.331	0.127	0	0	0	35	

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.13338	PL.13337	A	4ACSR	14.43Y	120.2	0.14	5.76	34.25	29	437	233	88	0.51	0.1	4.512	0.181	0	0	0	35
PL.24698	PL.13338	A	4ACSR	14.43Y	120.2	0.03	5.79	33.26	28	424	226	88	0.09	0.0	4.545	0.033	0	0	0	34
434709	PL.24698	A	Consumer	14.43Y	120.2	0.00	5.79	0.95	0	12	6	89	0.00	0.0	4.545	0.000	12	6	1	1
PL.13341	PL.24698	A	4ACSR	14.42Y	120.1	0.08	5.87	30.69	26	391	208	88	0.25	0.1	4.657	0.112	0	0	0	30
PL.13342	PL.13341	A	4ACSR	14.41Y	120.1	0.02	5.88	13.54	11	172	92	88	0.02	0.0	4.707	0.050	0	0	0	13
PL.13343	PL.13342	A	4ACSR	14.41Y	120.1	0.00	5.88	3.93	3	50	27	88	0.00	0.0	4.719	0.011	0	0	0	3
PL.6497	PL.13343	A	4ACSR	14.41Y	120.1	0.00	5.88	1.73	1	22	12	88	0.00	0.0	4.750	0.031	0	0	0	1
434715	PL.6497	A	Consumer	14.41Y	120.1	0.00	5.88	1.73	0	22	12	88	0.00	0.0	4.750	0.000	22	12	1	1
434707	PL.13343	A	Consumer	14.41Y	120.1	0.00	5.88	1.08	0	14	7	89	0.00	0.0	4.719	0.000	14	7	1	1
434735	PL.13343	A	Consumer	14.41Y	120.1	0.00	5.88	1.12	0	14	8	87	0.00	0.0	4.719	0.000	14	8	1	1
PL.21448	PL.13342	A	4ACSR	14.41Y	120.1	0.01	5.89	8.10	7	103	55	88	0.01	0.0	4.757	0.050	0	0	0	9
434732	PL.21448	A	Consumer	14.41Y	120.1	0.00	5.89	0.84	0	11	6	88	0.00	0.0	4.757	0.000	11	6	1	1
PL.23148	PL.21448	A	4ACSR	14.41Y	120.1	0.01	5.90	7.26	6	92	49	88	0.01	0.0	4.807	0.050	0	0	0	8
PL.2418	PL.23148	A	4ACSR	14.41Y	120.1	0.00	5.90	1.01	1	13	7	88	0.00	0.0	4.853	0.047	0	0	0	1
434718	PL.2418	A	Consumer	14.41Y	120.1	0.00	5.90	1.01	0	13	7	88	0.00	0.0	4.853	0.000	13	7	1	1
PL.6498	PL.23148	A	4ACSR	14.41Y	120.1	0.01	5.91	5.06	4	64	34	88	0.00	0.0	4.856	0.049	0	0	0	6
434711	PL.6498	A	Consumer	14.41Y	120.1	0.00	5.91	1.34	0	17	9	88	0.00	0.0	4.856	0.000	17	9	1	1
434717	PL.6498	A	Consumer	14.41Y	120.1	0.00	5.91	1.05	0	13	7	88	0.00	0.0	4.856	0.000	13	7	1	1
PL.19491	PL.6498	A	4ACSR	14.41Y	120.1	0.00	5.91	2.66	2	34	18	88	0.00	0.0	4.892	0.036	0	0	0	4
PL.19492	PL.19491	A	4ACSR	14.41Y	120.1	0.00	5.91	1.20	1	15	8	88	0.00	0.0	4.948	0.056	0	0	0	2
434726	PL.19492	A	Consumer	14.41Y	120.1	0.00	5.91	0.55	0	7	4	87	0.00	0.0	4.948	0.000	7	4	1	1
434733	PL.19492	A	Consumer	14.41Y	120.1	0.00	5.91	0.65	0	8	4	89	0.00	0.0	4.948	0.000	8	4	1	1
434731	PL.19491	A	Consumer	14.41Y	120.1	0.00	5.91	0.64	0	8	4	89	0.00	0.0	4.892	0.000	8	4	1	1
434720	PL.19491	A	Consumer	14.41Y	120.1	0.00	5.91	0.82	0	10	6	86	0.00	0.0	4.892	0.000	10	6	1	1
434705	PL.23148	A	Consumer	14.41Y	120.1	0.00	5.90	1.19	0	15	8	88	0.00	0.0	4.807	0.000	15	8	1	1
PL.2422	PL.13342	A	4ACSR	14.41Y	120.1	0.00	5.88	1.51	1	19	10	88	0.00	0.0	4.729	0.022	0	0	0	1
434706	PL.2422	A	Consumer	14.41Y	120.1	0.00	5.88	1.51	0	19	10	88	0.00	0.0	4.729	0.000	19	10	1	1
PL.2421	PL.13341	A	4ACSR	14.41Y	120.1	0.02	5.89	14.27	12	182	97	88	0.03	0.0	4.715	0.058	0	0	0	14
434724	PL.2421	A	Consumer	14.41Y	120.1	0.00	5.89	1.40	0	18	10	87	0.00	0.0	4.715	0.000	18	10	1	1
434723	PL.2421	A	Consumer	14.41Y	120.1	0.00	5.89	0.62	0	8	4	89	0.00	0.0	4.715	0.000	8	4	1	1
434719	PL.2421	A	Consumer	14.41Y	120.1	0.00	5.89	0.81	0	10	5	89	0.00	0.0	4.715	0.000	10	5	1	1
PL.1597	PL.2421	A	4ACSR	14.41Y	120.1	0.02	5.90	11.44	10	146	77	88	0.02	0.0	4.786	0.071	0	0	0	11
PL.1598	PL.1597	A	4ACSR	14.41Y	120.1	0.00	5.91	4.99	4	63	34	88	0.00	0.0	4.826	0.040	0	0	0	4
PL.1604	PL.1598	A	4ACSR	14.41Y	120.1	0.00	5.91	1.07	1	14	7	89	0.00	0.0	4.890	0.064	0	0	0	1
434740	PL.1604	A	Consumer	14.41Y	120.1	0.00	5.91	1.07	0	14	7	89	0.00	0.0	4.890	0.000	14	7	1	1
PL.2425	PL.1598	A	4ACSR	14.41Y	120.1	0.00	5.91	1.61	1	20	11	88	0.00	0.0	4.842	0.017	0	0	0	1
PL.1596	PL.2425	A	4ACSR	14.41Y	120.1	0.00	5.91	1.61	1	20	11	88	0.00	0.0	4.862	0.019	0	0	0	1
434716	PL.1596	A	Consumer	14.41Y	120.1	0.00	5.91	1.61	0	20	11	88	0.00	0.0	4.862	0.000	20	11	1	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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
434737	PL.1598	A	Consumer	14.41Y	120.1	0.00	5.91	1.36	0	17	9	88	0.00	0.0	4.826	0.000	17	9	1	1
434727	PL.1598	A	Consumer	14.41Y	120.1	0.00	5.91	0.95	0	12	6	89	0.00	0.0	4.826	0.000	12	6	1	1
4347044	PL.1598	A	Consumer	14.41Y	120.1	0.00	5.91	0.00	0	0	0	100	0.00	0.0	4.826	0.000	0	0	0	0
PL.19816	PL.1597	A	4ACSR	14.41Y	120.1	0.00	5.91	2.64	2	34	18	88	0.00	0.0	4.832	0.046	0	0	0	3
434728	PL.19816	A	Consumer	14.41Y	120.1	0.00	5.91	0.80	0	10	5	89	0.00	0.0	4.832	0.000	10	5	1	1
434721	PL.19816	A	Consumer	14.41Y	120.1	0.00	5.91	0.88	0	11	6	88	0.00	0.0	4.832	0.000	11	6	1	1
PL.19817	PL.19816	A	4ACSR	14.41Y	120.1	0.00	5.91	0.96	1	12	7	86	0.00	0.0	4.879	0.047	0	0	0	1
434739	PL.19817	A	Consumer	14.41Y	120.1	0.00	5.91	0.96	0	12	7	86	0.00	0.0	4.879	0.000	12	7	1	1
434730	PL.1597	A	Consumer	14.41Y	120.1	0.00	5.90	1.14	0	15	8	88	0.00	0.0	4.786	0.000	15	8	1	1
PL.24702	PL.1597	A	4ACSR	14.41Y	120.1	0.00	5.91	2.66	2	34	18	88	0.00	0.0	4.814	0.029	0	0	0	3
PL.24703	PL.24702	A	4ACSR	14.41Y	120.1	0.00	5.91	1.74	1	22	12	88	0.00	0.0	4.842	0.028	0	0	0	2
434741	PL.24703	A	Consumer	14.41Y	120.1	0.00	5.91	1.42	0	18	10	87	0.00	0.0	4.842	0.000	18	10	1	1
PL.24701	PL.24703	A	4ACSR	14.41Y	120.1	0.00	5.91	0.32	0	4	2	89	0.00	0.0	4.908	0.066	0	0	0	1
434722	PL.24701	A	Consumer	14.41Y	120.1	0.00	5.91	0.32	0	4	2	89	0.00	0.0	4.908	0.000	4	2	1	1
434742	PL.24702	A	Consumer	14.41Y	120.1	0.00	5.91	0.92	0	12	6	89	0.00	0.0	4.814	0.000	12	6	1	1
PL.27812	PL.13341	A	4ACSR	14.42Y	120.1	0.00	5.87	2.87	2	37	19	89	0.00	0.0	4.699	0.042	0	0	0	3
434714	PL.27812	A	Consumer	14.42Y	120.1	0.00	5.87	1.26	0	16	9	87	0.00	0.0	4.699	0.000	16	9	1	1
PL.27813	PL.27812	A	4ACSR	14.42Y	120.1	0.00	5.87	1.61	1	21	11	89	0.00	0.0	4.741	0.041	0	0	0	2
PL.2419	PL.27813	A	4ACSR	14.42Y	120.1	0.00	5.87	1.14	1	15	8	88	0.00	0.0	4.788	0.048	0	0	0	1
PL.2420	PL.2419	A	4ACSR	14.42Y	120.1	0.00	5.87	1.14	1	15	8	88	0.00	0.0	4.817	0.029	0	0	0	1
434713	PL.2420	A	Consumer	14.42Y	120.1	0.00	5.87	1.14	0	15	8	88	0.00	0.0	4.817	0.000	15	8	1	1
434708	PL.27813	A	Consumer	14.42Y	120.1	0.00	5.87	0.47	0	6	3	89	0.00	0.0	4.741	0.000	6	3	1	1
PL.44248	PL.24698	A	4ACSR	14.43Y	120.2	0.00	5.79	1.61	1	21	11	89	0.00	0.0	4.584	0.039	0	0	0	3
PL.44249	PL.44248	A	4ACSR	14.43Y	120.2	0.00	5.79	1.61	1	21	11	89	0.00	0.0	4.630	0.047	0	0	0	3
PL.2423	PL.44249	A	4ACSR	14.43Y	120.2	0.00	5.79	0.47	0	6	3	89	0.00	0.0	4.665	0.034	0	0	0	1
434734	PL.2423	A	Consumer	14.43Y	120.2	0.00	5.79	0.47	0	6	3	89	0.00	0.0	4.665	0.000	6	3	1	1
4347043	PL.44249	A	Consumer	14.43Y	120.2	0.00	5.79	0.01	0	0	0	100	0.00	0.0	4.630	0.000	0	0	1	1
434710	PL.44249	A	Consumer	14.43Y	120.2	0.00	5.79	1.13	0	14	8	87	0.00	0.0	4.630	0.000	14	8	1	1
434738	PL.13338	A	Consumer	14.43Y	120.2	0.00	5.76	0.99	0	13	7	88	0.00	0.0	4.512	0.000	13	7	1	1
PL.2424	PL.13337	A	4ACSR	14.45Y	120.4	0.00	5.62	0.00	0	0	0	100	0.00	0.0	4.416	0.086	0	0	0	0
434736	PL.24692	A	Consumer	14.47Y	120.6	0.00	5.42	0.33	0	4	2	89	0.00	0.0	4.089	0.000	4	2	1	1
434702	PL.24692	A	Consumer	14.47Y	120.6	0.00	5.42	1.67	0	21	11	89	0.00	0.0	4.089	0.000	21	11	1	1
PL.13325	PL.26368	A	4ACSR	14.56Y	121.3	0.01	4.70	42.62	36	548	292	88	0.03	0.0	3.268	0.006	0	0	0	73
C PD.2644	PL.13325	A	25V4E	14.56Y	121.3	0.00	4.70	42.62	170	548	292	88	0.00	0.0	3.268	0.000	0	0	0	73 C
PL.13326	PD.2644	A	4ACSR	14.55Y	121.2	0.07	4.77	42.62	36	548	292	88	0.29	0.1	3.334	0.066	0	0	0	73
433703	PL.13326	A	Consumer	14.55Y	121.2	0.00	4.77	2.75	0	35	19	88	0.00	0.0	3.334	0.000	35	19	1	1
PL.24697	PL.13326	A	4ACSR	14.53Y	121.1	0.13	4.89	39.88	34	512	273	88	0.51	0.1	3.469	0.135	0	0	0	72
PL.24696	PL.24697	A	4ACSR	14.52Y	121.0	0.14	5.03	39.88	34	511	273	88	0.57	0.1	3.619	0.150	0	0	0	71

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.12575	PL.24696	A	4ACSR	14.51Y	120.9	0.03	5.06	31.10	26	398	212	88	0.09	0.0	3.659	0.040	0	0	0	58		
PL.12576	PL.12575	A	4ACSR	14.51Y	120.9	0.04	5.10	31.10	26	398	212	88	0.13	0.0	3.716	0.057	0	0	0	58		
PL.12577	PL.12576	A	4ACSR	14.50Y	120.9	0.03	5.13	30.18	25	386	206	88	0.08	0.0	3.752	0.036	0	0	0	56		
433820	PL.12577	A	Consumer	14.50Y	120.9	0.00	5.13	0.46	0	6	3	89	0.00	0.0	3.752	0.000	6	3	1	1		
PL.1605	PL.12577	A	4ACSR	14.50Y	120.9	0.00	5.13	0.98	1	13	7	88	0.00	0.0	3.829	0.077	0	0	0	1		
433815	PL.1605	A	Consumer	14.50Y	120.9	0.00	5.13	0.98	0	13	7	88	0.00	0.0	3.829	0.000	13	7	1	1		
PL.12574	PL.12577	A	4ACSR	14.50Y	120.8	0.07	5.20	28.73	24	368	196	88	0.20	0.1	3.853	0.101	0	0	0	54		
433823	PL.12574	A	Consumer	14.50Y	120.8	0.00	5.20	1.59	0	20	11	88	0.00	0.0	3.853	0.000	20	11	1	1		
PL.24707	PL.12574	A	4ACSR	14.49Y	120.8	0.03	5.22	27.14	23	347	185	88	0.08	0.0	3.896	0.043	0	0	0	53		
PL.12581	PL.24707	A	4ACSR	14.48Y	120.7	0.10	5.32	27.14	23	347	185	88	0.27	0.1	4.048	0.152	0	0	0	53		
C PD.1362	PL.12581	A	fuse6AMP	14.48Y	120.7	0.00	5.32	27.14	464	347	185	88	0.00	0.0	4.048	0.000	0	0	0	53 C		
PL.12580	PD.1362	A	4ACSR	14.48Y	120.7	0.01	5.33	27.14	23	347	185	88	0.03	0.0	4.064	0.017	0	0	0	53		
PL.23652	PL.12580	A	4ACSR	14.48Y	120.7	0.01	5.34	5.73	5	73	39	88	0.01	0.0	4.152	0.087	0	0	0	10		
PL.24705	PL.23652	A	4ACSR	14.48Y	120.6	0.01	5.35	5.73	5	73	39	88	0.01	0.0	4.225	0.073	0	0	0	10		
433827	PL.24705	A	Consumer	14.48Y	120.6	0.00	5.35	0.88	0	11	6	88	0.00	0.0	4.225	0.000	11	6	1	1		
PL.24706	PL.24705	A	4ACSR	14.48Y	120.6	0.01	5.36	4.86	4	62	33	88	0.00	0.0	4.270	0.045	0	0	0	9		
PL.13383	PL.24706	A	4ACSR	14.47Y	120.6	0.02	5.38	4.86	4	62	33	88	0.01	0.0	4.485	0.216	0	0	0	9		
PL.13387	PL.13383	A	4ACSR	14.47Y	120.6	0.01	5.39	3.06	3	39	21	88	0.00	0.0	4.641	0.155	0	0	0	5		
PL.2413	PL.13387	A	4ACSR	14.47Y	120.6	0.00	5.39	0.73	1	9	5	87	0.00	0.0	4.700	0.059	0	0	0	2		
PL.36562	PL.2413	A	2ACSR	14.47Y	120.6	0.00	5.39	0.26	0	3	2	83	0.00	0.0	4.731	0.031	0	0	0	1		
4328023	PL.36562	A	Consumer	14.47Y	120.6	0.00	5.39	0.26	0	3	2	83	0.00	0.0	4.731	0.000	3	2	1	1		
432820	PL.2413	A	Consumer	14.47Y	120.6	0.00	5.39	0.47	0	6	3	89	0.00	0.0	4.700	0.000	6	3	1	1		
PL.13388	PL.13387	A	4ACSR	14.47Y	120.6	0.00	5.39	2.33	2	30	16	88	0.00	0.0	4.666	0.025	0	0	0	3		
PL.13693	PL.13388	A	4ACSR	14.47Y	120.6	0.00	5.40	1.51	1	19	10	88	0.00	0.0	4.773	0.107	0	0	0	2		
PL.13694	PL.13693	A	4ACSR	14.47Y	120.6	0.00	5.40	1.51	1	19	10	88	0.00	0.0	4.812	0.040	0	0	0	2		
PL.24894	PL.13694	A	4ACSR	14.47Y	120.6	0.00	5.40	0.00	0	0	0	100	0.00	0.0	4.874	0.062	0	0	0	0		
PL.13695	PL.13694	A	4ACSR	14.47Y	120.6	0.00	5.40	1.51	1	19	10	88	0.00	0.0	4.900	0.087	0	0	0	2		
PL.6435	PL.13695	A	4ACSR	14.47Y	120.6	0.00	5.40	0.84	1	11	6	88	0.00	0.0	5.100	0.200	0	0	0	1		
PL.6496	PL.6435	A	4ACSR	14.47Y	120.6	0.00	5.41	0.84	1	11	6	88	0.00	0.0	5.192	0.092	0	0	0	1		
432818	PL.6496	A	Consumer	14.47Y	120.6	0.00	5.41	0.84	0	11	6	88	0.00	0.0	5.192	0.000	11	6	1	1		
432817	PL.6435	A	Consumer	14.47Y	120.6	0.00	5.40	0.00	0	0	0	100	0.00	0.0	5.100	0.000	0	0	0	0		
432821	PL.13695	A	Consumer	14.47Y	120.6	0.00	5.40	0.67	0	9	5	87	0.00	0.0	4.900	0.000	9	5	1	1		
432807	PL.13388	A	Consumer	14.47Y	120.6	0.00	5.39	0.82	0	10	6	86	0.00	0.0	4.666	0.000	10	6	1	1		
PL.24893	PL.13383	A	4ACSR	14.47Y	120.6	0.01	5.39	1.80	2	23	12	89	0.00	0.0	4.650	0.165	0	0	0	4		
PL.24892	PL.24893	A	4ACSR	14.47Y	120.6	0.00	5.39	1.80	2	23	12	89	0.00	0.0	4.663	0.013	0	0	0	4		
PL.20957	PL.24892	A	4ACSR	14.47Y	120.6	0.00	5.39	1.80	2	23	12	89	0.00	0.0	4.727	0.064	0	0	0	4		
PL.1609	PL.20957	A	4ACSR	14.47Y	120.6	0.00	5.39	0.54	0	7	4	87	0.00	0.0	4.797	0.071	0	0	0	2		
433826	PL.1609	A	Consumer	14.47Y	120.6	0.00	5.39	0.51	0	7	3	92	0.00	0.0	4.797	0.000	7	3	1	1		

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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
433813	PL.1609	A	Consumer	14.47Y	120.6	0.00	5.39	0.03	0	0	0	100	0.00	0.0	4.797	0.000	0	0	1	1
433829	PL.20957	A	Consumer	14.47Y	120.6	0.00	5.39	0.71	0	9	5	87	0.00	0.0	4.727	0.000	9	5	1	1
433818	PL.20957	A	Consumer	14.47Y	120.6	0.00	5.39	0.55	0	7	4	87	0.00	0.0	4.727	0.000	7	4	1	1
PL.13736	PL.12580	A	4ACSR	14.48Y	120.6	0.04	5.37	21.41	18	274	146	88	0.10	0.0	4.152	0.088	0	0	0	43
PD.318-A	PL.13736	A	Closed	14.48Y	120.6	0.00	5.37	21.41	0	273	146	88	0.00	0.0	4.152	0.000	0	0	0	43
PD.318-B	PD.318-A	A	Closed	14.48Y	120.6	0.00	5.37	21.41	0	273	146	88	0.00	0.0	4.152	0.000	0	0	0	43
PL.13735	PD.318-B	A	4ACSR	14.47Y	120.6	0.01	5.38	21.41	18	273	146	88	0.01	0.0	4.165	0.013	0	0	0	43
PL.6495	PL.13735	A	4ACSR	14.47Y	120.6	0.00	5.38	2.23	2	29	15	89	0.00	0.0	4.210	0.045	0	0	0	5
432802	PL.6495	A	Consumer	14.47Y	120.6	0.00	5.38	0.72	0	9	5	87	0.00	0.0	4.210	0.000	9	5	1	1
PL.13733	PL.6495	A	4ACSR	14.47Y	120.6	0.00	5.38	1.52	1	19	10	88	0.00	0.0	4.217	0.007	0	0	0	4
PD.1361	PL.13733	A	fuse6AMP	14.47Y	120.6	0.00	5.38	1.52	26	19	10	88	0.00	0.0	4.217	0.000	0	0	0	4
PL.13734	PD.1361	A	4ACSR	14.47Y	120.6	0.00	5.38	1.52	1	19	10	88	0.00	0.0	4.291	0.074	0	0	0	4
PL.2412	PL.13734	A	4ACSR	14.47Y	120.6	0.00	5.39	0.97	1	12	7	86	0.00	0.0	4.334	0.042	0	0	0	1
432813	PL.2412	A	Consumer	14.47Y	120.6	0.00	5.39	0.97	0	12	7	86	0.00	0.0	4.334	0.000	12	7	1	1
PL.12582	PL.13734	A	4ACSR	14.47Y	120.6	0.00	5.39	0.55	0	7	4	87	0.00	0.0	4.454	0.163	0	0	0	3
PL.6494	PL.12582	A	4ACSR	14.47Y	120.6	0.00	5.39	0.45	0	6	3	89	0.00	0.0	4.617	0.163	0	0	0	2
PL.13384	PL.6494	A	4ACSR	14.47Y	120.6	0.00	5.39	0.45	0	6	3	89	0.00	0.0	4.645	0.028	0	0	0	2
PL.13385	PL.13384	A	4ACSR	14.47Y	120.6	0.00	5.39	0.00	0	0	0	100	0.00	0.0	4.800	0.155	0	0	0	0
PL.13386	PL.13385	A	4ACSR	14.47Y	120.6	0.00	5.39	0.00	0	0	0	100	0.00	0.0	5.222	0.421	0	0	0	0
PL.2406	PL.13385	A	4ACSR	14.47Y	120.6	0.00	5.39	0.00	0	0	0	100	0.00	0.0	4.963	0.163	0	0	0	0
PL.2405	PL.13384	A	4ACSR	14.47Y	120.6	0.00	5.39	0.45	0	6	3	89	0.00	0.0	4.686	0.041	0	0	0	2
432705	PL.2405	A	Consumer	14.47Y	120.6	0.00	5.39	0.05	0	1	0	100	0.00	0.0	4.686	0.000	1	0	1	1
432702	PL.2405	A	Consumer	14.47Y	120.6	0.00	5.39	0.40	0	5	3	86	0.00	0.0	4.686	0.000	5	3	1	1
432801	PL.12582	A	Consumer	14.47Y	120.6	0.00	5.39	0.10	0	1	1	71	0.00	0.0	4.454	0.000	1	1	1	1
PL.6499	PL.13735	A	4ACSR	14.45Y	120.4	0.21	5.59	19.10	16	244	130	88	0.41	0.2	4.634	0.469	0	0	0	37
432812	PL.6499	A	Consumer	14.45Y	120.4	0.00	5.59	0.10	0	1	1	71	0.00	0.0	4.634	0.000	1	1	1	1
PL.21449	PL.6499	A	4ACSR	14.44Y	120.3	0.08	5.67	19.00	16	242	129	88	0.16	0.1	4.823	0.188	0	0	0	36
PL.21450	PL.21449	A	4ACSR	14.43Y	120.2	0.09	5.76	18.44	15	235	125	88	0.17	0.1	5.036	0.213	0	0	0	35
PL.13697	PL.21450	A	4ACSR	14.42Y	120.2	0.03	5.79	17.56	15	224	119	88	0.06	0.0	5.115	0.078	0	0	0	33
PL.24896	PL.13697	A	4ACSR	14.42Y	120.2	0.00	5.79	0.00	0	0	0	100	0.00	0.0	5.160	0.045	0	0	0	0
432918	PL.24896	A	Consumer	14.42Y	120.2	0.00	5.79	0.00	0	0	0	100	0.00	0.0	5.160	0.000	0	0	0	0
PL.13696	PL.13697	A	4ACSR	14.42Y	120.2	0.00	5.80	17.56	15	224	119	88	0.00	0.0	5.116	0.002	0	0	0	33
PL.6504	PL.13696	A	4ACSR	14.42Y	120.2	0.04	5.84	16.56	14	211	112	88	0.08	0.0	5.232	0.116	0	0	0	32
432910	PL.6504	A	Consumer	14.42Y	120.2	0.00	5.84	0.65	0	8	4	89	0.00	0.0	5.232	0.000	8	4	1	1
PL.13698	PL.6504	A	4ACSR	14.42Y	120.1	0.03	5.87	15.91	13	202	108	88	0.06	0.0	5.323	0.091	0	0	0	31
PL.24895	PL.13698	A	4ACSR	14.41Y	120.1	0.00	5.88	1.33	1	17	9	88	0.00	0.0	5.386	0.063	0	0	0	3
PL.20954	PL.24895	A	4ACSR	14.41Y	120.1	0.00	5.88	0.73	1	9	5	87	0.00	0.0	5.410	0.024	0	0	0	2
4329041	PL.20954	A	Consumer	14.41Y	120.1	0.00	5.88	0.06	0	1	0	100	0.00	0.0	5.410	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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							
432937	PL.20954	A	Consumer	14.41Y	120.1	0.00	5.88	0.67	0	9	5	87	0.00	0.0	5.410	0.000	9	5	1	1
432924	PL.24895	A	Consumer	14.41Y	120.1	0.00	5.88	0.60	0	8	4	89	0.00	0.0	5.386	0.000	8	4	1	1
PL.13699	PL.13698	A	4ACSR	14.41Y	120.1	0.03	5.91	14.58	12	186	99	88	0.05	0.0	5.418	0.095	0	0	0	28
PL.13700	PL.13699	A	4ACSR	14.41Y	120.1	0.00	5.91	2.11	2	27	14	89	0.00	0.0	5.511	0.093	0	0	0	6
PL.21451	PL.13700	A	4ACSR	14.41Y	120.1	0.00	5.91	0.70	1	9	5	87	0.00	0.0	5.524	0.013	0	0	0	1
PD.1368	PL.21451	A	fuse6AMP	14.41Y	120.1	0.00	5.91	0.70	12	9	5	87	0.00	0.0	5.524	0.000	0	0	0	1
PL.21452	PD.1368	A	4ACSR	14.41Y	120.1	0.00	5.91	0.70	1	9	5	87	0.00	0.0	5.558	0.034	0	0	0	1
432933	PL.21452	A	Consumer	14.41Y	120.1	0.00	5.91	0.70	0	9	5	87	0.00	0.0	5.558	0.000	9	5	1	1
PL.13701	PL.13700	A	4ACSR	14.41Y	120.1	0.01	5.92	1.03	1	13	7	88	0.00	0.0	5.858	0.347	0	0	0	2
PL.13792	PL.13701	A	4ACSR	14.41Y	120.1	0.00	5.92	1.03	1	13	7	88	0.00	0.0	6.037	0.179	0	0	0	1
432932	PL.13792	A	Consumer	14.41Y	120.1	0.00	5.92	1.03	0	13	7	88	0.00	0.0	6.037	0.000	13	7	1	1
PL.13793	PL.13792	A	4ACSR	14.41Y	120.1	0.00	5.92	0.00	0	0	0	100	0.00	0.0	6.038	0.001	0	0	0	0
432927	PL.13701	A	Consumer	14.41Y	120.1	0.00	5.92	0.00	0	0	0	100	0.00	0.0	5.858	0.000	0	0	1	1
432935	PL.13700	A	Consumer	14.41Y	120.1	0.00	5.91	0.00	0	0	0	100	0.00	0.0	5.511	0.000	0	0	1	1
432904	PL.13700	A	Consumer	14.41Y	120.1	0.00	5.91	0.38	0	5	3	86	0.00	0.0	5.511	0.000	5	3	1	1
432922	PL.13700	A	Consumer	14.41Y	120.1	0.00	5.91	0.00	0	0	0	100	0.00	0.0	5.511	0.000	0	0	1	1
PL.23653	PL.13699	A	4ACSR	14.41Y	120.1	0.02	5.93	12.47	10	159	84	88	0.03	0.0	5.504	0.086	0	0	0	22
PL.21453	PL.23653	A	4ACSR	14.40Y	120.0	0.06	5.99	11.78	10	150	80	88	0.08	0.1	5.734	0.230	0	0	0	20
PL.23151	PL.21453	A	4ACSR	14.40Y	120.0	0.00	5.99	0.83	1	11	6	88	0.00	0.0	5.793	0.059	0	0	0	3
PL.23152	PL.23151	A	4ACSR	14.40Y	120.0	0.00	6.00	0.62	1	8	4	89	0.00	0.0	5.843	0.050	0	0	0	2
4329040	PL.23152	A	Consumer	14.40Y	120.0	0.00	6.00	0.33	0	4	2	89	0.00	0.0	5.843	0.000	4	2	1	1
432929	PL.23152	A	Consumer	14.40Y	120.0	0.00	6.00	0.00	0	0	0	100	0.00	0.0	5.843	0.000	0	0	0	0
432930	PL.23152	A	Consumer	14.40Y	120.0	0.00	6.00	0.29	0	4	2	89	0.00	0.0	5.843	0.000	4	2	1	1
432931	PL.23151	A	Consumer	14.40Y	120.0	0.00	5.99	0.21	0	3	1	95	0.00	0.0	5.793	0.000	3	1	1	1
432903	PL.21453	A	Consumer	14.40Y	120.0	0.00	5.99	1.52	0	19	10	88	0.00	0.0	5.734	0.000	19	10	1	1
PL.21454	PL.21453	A	4ACSR	14.40Y	120.0	0.02	6.02	9.42	8	120	64	88	0.02	0.0	5.838	0.104	0	0	0	16
PL.2415	PL.21454	A	4ACSR	14.40Y	120.0	0.00	6.02	0.77	1	10	5	89	0.00	0.0	5.890	0.052	0	0	0	2
432938	PL.2415	A	Consumer	14.40Y	120.0	0.00	6.02	0.40	0	5	3	86	0.00	0.0	5.890	0.000	5	3	1	1
432934	PL.2415	A	Consumer	14.40Y	120.0	0.00	6.02	0.37	0	5	3	86	0.00	0.0	5.890	0.000	5	3	1	1
PL.13703	PL.21454	A	4ACSR	14.40Y	120.0	0.02	6.03	8.65	7	110	59	88	0.02	0.0	5.923	0.086	0	0	0	14
PL.13702	PL.13703	A	4ACSR	14.40Y	120.0	0.00	6.04	7.38	6	94	50	88	0.00	0.0	5.952	0.029	0	0	0	12
PL.13668	PL.13702	A	4ACSR	14.40Y	120.0	0.00	6.04	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	14.40Y	120.0	0.00	6.04	0.00	0	0	0	100	0.00	0.0	6.095	0.000	0	0	0	0
PL.13704	PL.13702	A	4ACSR	14.40Y	120.0	0.00	6.04	7.38	6	94	50	88	0.00	0.0	5.969	0.016	0	0	0	11
C PD.1360	PL.13704	A	fuse6AMP	14.40Y	120.0	0.00	6.04	7.38	126	94	50	88	0.00	0.0	5.969	0.000	0	0	0	11 C
PL.13705	PD.1360	A	4ACSR	14.39Y	119.9	0.06	6.10	7.38	6	94	50	88	0.04	0.0	6.308	0.340	0	0	0	11
PL.24890	PL.13705	A	4ACSR	14.39Y	119.9	0.02	6.12	2.83	2	36	19	88	0.01	0.0	6.572	0.263	0	0	0	4
431911	PL.24890	A	Consumer	14.39Y	119.9	0.00	6.12	0.00	0	0	0	100	0.00	0.0	6.572	0.000	0	0	0	0

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
431903	PL.24890	A	Consumer	14.39Y	119.9	0.00	6.12	0.78	0	10	5	89	0.00	0.0	6.572	0.000	10	5	1	1
PL.24886	PL.24890	A	4ACSR	14.39Y	119.9	0.01	6.12	2.05	2	26	14	88	0.00	0.0	6.745	0.173	0	0	0	3
PL.24889	PL.24886	A	4ACSR	14.38Y	119.9	0.00	6.13	1.32	1	17	9	88	0.00	0.0	6.792	0.048	0	0	0	1
PL.24887	PL.24889	A	4ACSR	14.38Y	119.9	0.00	6.13	1.32	1	17	9	88	0.00	0.0	6.846	0.054	0	0	0	1
432920	PL.24887	A	Consumer	14.38Y	119.9	0.00	6.13	1.32	0	17	9	88	0.00	0.0	6.846	0.000	17	9	1	1
PL.24888	PL.24886	A	4ACSR	14.38Y	119.9	0.00	6.13	0.73	1	9	5	87	0.00	0.0	6.788	0.044	0	0	0	2
432925	PL.24888	A	Consumer	14.38Y	119.9	0.00	6.13	0.03	0	0	0	100	0.00	0.0	6.788	0.000	0	0	1	1
432921	PL.24888	A	Consumer	14.38Y	119.9	0.00	6.13	0.70	0	9	5	87	0.00	0.0	6.788	0.000	9	5	1	1
PL.13706	PL.13705	A	4ACSR	14.38Y	119.9	0.03	6.13	4.55	4	58	31	88	0.01	0.0	6.596	0.287	0	0	0	7
PL.18179	PL.13706	A	4ACSR	14.38Y	119.9	0.00	6.13	3.31	3	42	22	89	0.00	0.0	6.611	0.016	0	0	0	4
PD.1370	PL.18179	A	fuse6AMP	14.38Y	119.9	0.00	6.13	3.31	57	42	22	89	0.00	0.0	6.611	0.000	0	0	0	4
PL.21045	PD.1370	A	4ACSR	14.38Y	119.9	0.00	6.13	3.31	3	42	22	89	0.00	0.0	6.649	0.038	0	0	0	4
PL.20801	PL.21045	A	4ACSR	14.38Y	119.9	0.00	6.14	3.31	3	42	22	89	0.00	0.0	6.669	0.020	0	0	0	4
PL.23149	PL.20801	A	4ACSR	14.38Y	119.9	0.00	6.14	2.58	2	33	17	89	0.00	0.0	6.686	0.016	0	0	0	3
PL.24891	PL.23149	A	4ACSR	14.38Y	119.9	0.00	6.14	2.58	2	33	17	89	0.00	0.0	6.750	0.064	0	0	0	3
PL.21430	PL.24891	A	4ACSR	14.38Y	119.9	0.00	6.14	0.16	0	2	1	89	0.00	0.0	6.823	0.073	0	0	0	1
PL.21431	PL.21430	A	4ACSR	14.38Y	119.9	0.00	6.14	0.16	0	2	1	89	0.00	0.0	6.898	0.076	0	0	0	1
431909	PL.21431	A	Consumer	14.38Y	119.9	0.00	6.14	0.00	0	0	0	100	0.00	0.0	6.898	0.000	0	0	0	0
PL.21432	PL.21431	A	4ACSR	14.38Y	119.9	0.00	6.14	0.16	0	2	1	89	0.00	0.0	6.939	0.040	0	0	0	1
431914	PL.21432	A	Consumer	14.38Y	119.9	0.00	6.14	0.16	0	2	1	89	0.00	0.0	6.939	0.000	2	1	1	1
PL.20956	PL.21430	A	4ACSR	14.38Y	119.9	0.00	6.14	0.00	0	0	0	100	0.00	0.0	6.874	0.051	0	0	0	0
431912	PL.20956	A	Consumer	14.38Y	119.9	0.00	6.14	0.00	0	0	0	100	0.00	0.0	6.874	0.000	0	0	0	0
PL.39346	PL.24891	A	2ACSR	14.38Y	119.9	0.00	6.14	2.43	2	31	16	89	0.00	0.0	6.770	0.020	0	0	0	2
431907	PL.39346	A	Consumer	14.38Y	119.9	0.00	6.14	1.54	0	20	10	89	0.00	0.0	6.770	0.000	20	10	1	1
431910	PL.39346	A	Consumer	14.38Y	119.9	0.00	6.14	0.89	0	11	6	88	0.00	0.0	6.770	0.000	11	6	1	1
431908	PL.20801	A	Consumer	14.38Y	119.9	0.00	6.14	0.73	0	9	5	87	0.00	0.0	6.669	0.000	9	5	1	1
PL.40855	PL.13706	A	4ACSR	14.38Y	119.9	0.00	6.13	1.23	1	16	8	89	0.00	0.0	6.599	0.003	0	0	0	3
PD.1369	PL.40855	A	fuse6AMP	14.38Y	119.9	0.00	6.13	1.23	21	16	8	89	0.00	0.0	6.599	0.000	0	0	0	3
PL.40858	PD.1369	A	4ACSR	14.38Y	119.9	0.00	6.13	1.23	1	16	8	89	0.00	0.0	6.605	0.005	0	0	0	3
PL.40857	PL.40858	A	2ACSR	14.38Y	119.9	0.00	6.13	0.83	1	10	6	86	0.00	0.0	6.654	0.049	0	0	0	1
4319015	PL.40857	A	Consumer	14.38Y	119.9	0.00	6.13	0.83	0	10	6	86	0.00	0.0	6.654	0.000	10	6	1	1
PL.40859	PL.40858	A	4ACSR	14.38Y	119.9	0.00	6.13	0.41	0	5	3	86	0.00	0.0	6.614	0.009	0	0	0	2
PL.13249	PL.40859	A	4ACSR	14.38Y	119.9	0.00	6.13	0.41	0	5	3	86	0.00	0.0	6.867	0.253	0	0	0	2
PL.6503	PL.13249	A	4ACSR	14.38Y	119.9	0.00	6.13	0.00	0	0	0	100	0.00	0.0	7.077	0.210	0	0	0	1
431905	PL.6503	A	Consumer	14.38Y	119.9	0.00	6.13	0.00	0	0	0	100	0.00	0.0	7.077	0.000	0	0	1	1
431901	PL.13249	A	Consumer	14.38Y	119.9	0.00	6.13	0.41	0	5	3	86	0.00	0.0	6.867	0.000	5	3	1	1
432911	PL.13702	A	Consumer	14.40Y	120.0	0.00	6.04	0.00	0	0	0	100	0.00	0.0	5.952	0.000	0	0	1	1
PL.2417	PL.13703	A	4ACSR	14.40Y	120.0	0.00	6.03	1.28	1	16	9	87	0.00	0.0	5.967	0.044	0	0	0	2

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
432912	PL.2417	A	Consumer	14.40Y	120.0	0.00	6.03	0.85	0	11	6	88	0.00	0.0	5.967	0.000	11	6	1	1
432926	PL.2417	A	Consumer	14.40Y	120.0	0.00	6.03	0.43	0	5	3	86	0.00	0.0	5.967	0.000	5	3	1	1
PL.6500	PL.23653	A	4ACSR	14.41Y	120.1	0.00	5.93	0.69	1	9	5	87	0.00	0.0	5.685	0.181	0	0	0	2
PL.6501	PL.6500	A	4ACSR	14.41Y	120.1	0.00	5.93	0.00	0	0	0	100	0.00	0.0	5.752	0.067	0	0	0	1
PL.2414	PL.6501	A	4ACSR	14.41Y	120.1	0.00	5.93	0.00	0	0	0	100	0.00	0.0	5.808	0.056	0	0	0	1
432913	PL.2414	A	Consumer	14.41Y	120.1	0.00	5.93	0.00	0	0	0	100	0.00	0.0	5.808	0.000	0	0	1	1
432907	PL.6500	A	Consumer	14.41Y	120.1	0.00	5.93	0.69	0	9	5	87	0.00	0.0	5.685	0.000	9	5	1	1
432928	PL.13696	A	Consumer	14.42Y	120.2	0.00	5.80	1.00	0	13	7	88	0.00	0.0	5.116	0.000	13	7	1	1
PL.2416	PL.21450	A	4ACSR	14.43Y	120.2	0.00	5.77	0.89	1	11	6	88	0.00	0.0	5.161	0.125	0	0	0	2
432939	PL.2416	A	Consumer	14.43Y	120.2	0.00	5.77	0.88	0	11	6	88	0.00	0.0	5.161	0.000	11	6	1	1
4329042	PL.2416	A	Consumer	14.43Y	120.2	0.00	5.77	0.00	0	0	0	100	0.00	0.0	5.161	0.000	0	0	1	1
PL.20952	PL.21449	A	4ACSR	14.44Y	120.3	0.00	5.67	0.56	0	7	4	87	0.00	0.0	4.867	0.045	0	0	0	1
432809	PL.20952	A	Consumer	14.44Y	120.3	0.00	5.67	0.56	0	7	4	87	0.00	0.0	4.867	0.000	7	4	1	1
432814	PL.13735	A	Consumer	14.47Y	120.6	0.00	5.38	0.07	0	1	1	71	0.00	0.0	4.165	0.000	1	1	1	1
PL.43230	PL.12576	A	2ACSR	14.51Y	120.9	0.00	5.10	0.00	0	0	0	100	0.00	0.0	3.819	0.103	0	0	0	0
4328022	PL.43230	A	Consumer	14.51Y	120.9	0.00	5.10	0.00	0	0	0	100	0.00	0.0	3.819	0.000	0	0	0	0
433831	PL.12576	A	Consumer	14.51Y	120.9	0.00	5.10	0.78	0	10	5	89	0.00	0.0	3.716	0.000	10	5	1	1
433808	PL.12576	A	Consumer	14.51Y	120.9	0.00	5.10	0.14	0	2	1	89	0.00	0.0	3.716	0.000	2	1	1	1
PL.13333	PL.24696	A	4ACSR	14.51Y	121.0	0.01	5.04	8.78	7	113	60	88	0.01	0.0	3.667	0.048	0	0	0	13
433830	PL.13333	A	Consumer	14.51Y	121.0	0.00	5.04	1.10	0	14	8	87	0.00	0.0	3.667	0.000	14	8	1	1
PL.13334	PL.13333	A	4ACSR	14.51Y	121.0	0.00	5.04	7.68	6	98	52	88	0.00	0.0	3.671	0.005	0	0	0	12
PL.13335	PL.13334	A	4ACSR	14.51Y	121.0	0.00	5.04	7.68	6	98	52	88	0.00	0.0	3.674	0.003	0	0	0	12
C PD.1371	PL.13335	A	fuse6AMP	14.51Y	121.0	0.00	5.04	7.68	131	98	52	88	0.00	0.0	3.674	0.000	0	0	0	12 C
PL.21046	PD.1371	A	4ACSR	14.51Y	120.9	0.01	5.05	7.68	6	98	52	88	0.01	0.0	3.727	0.053	0	0	0	12
PL.21047	PL.21046	A	4ACSR	14.51Y	120.9	0.01	5.07	7.20	6	92	49	88	0.01	0.0	3.798	0.071	0	0	0	11
PL.1608	PL.21047	A	4ACSR	14.51Y	120.9	0.00	5.07	0.29	0	4	2	89	0.00	0.0	3.862	0.065	0	0	0	1
433821	PL.1608	A	Consumer	14.51Y	120.9	0.00	5.07	0.29	0	4	2	89	0.00	0.0	3.862	0.000	4	2	1	1
PL.13336	PL.21047	A	4ACSR	14.51Y	120.9	0.01	5.08	6.30	5	81	43	88	0.01	0.0	3.881	0.083	0	0	0	9
433809	PL.13336	A	Consumer	14.51Y	120.9	0.00	5.08	0.00	0	0	0	100	0.00	0.0	3.881	0.000	0	0	0	0
433802	PL.13336	A	Consumer	14.51Y	120.9	0.00	5.08	0.00	0	0	0	100	0.00	0.0	3.881	0.000	0	0	0	0
PL.12571	PL.13336	A	4ACSR	14.50Y	120.9	0.05	5.13	6.30	5	81	43	88	0.03	0.0	4.231	0.351	0	0	0	9
PL.12572	PL.12571	A	4ACSR	14.50Y	120.8	0.02	5.15	4.66	4	60	32	88	0.01	0.0	4.431	0.199	0	0	0	7
PL.12573	PL.12572	A	4ACSR	14.50Y	120.8	0.01	5.16	4.30	4	55	29	88	0.00	0.0	4.499	0.069	0	0	0	5
PL.24704	PL.12573	A	4ACSR	14.50Y	120.8	0.01	5.17	2.48	2	32	17	88	0.00	0.0	4.639	0.139	0	0	0	3
433806	PL.24704	A	Consumer	14.50Y	120.8	0.00	5.17	0.72	0	9	5	87	0.00	0.0	4.639	0.000	9	5	1	1
PL.12578	PL.24704	A	4ACSR	14.50Y	120.8	0.00	5.17	1.76	1	23	12	89	0.00	0.0	4.710	0.071	0	0	0	2
PL.12579	PL.12578	A	4ACSR	14.50Y	120.8	0.00	5.17	0.91	1	12	6	89	0.00	0.0	4.910	0.200	0	0	0	1
433807	PL.12579	A	Consumer	14.50Y	120.8	0.00	5.17	0.91	0	12	6	89	0.00	0.0	4.910	0.000	12	6	1	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.1610	PL.12578	A	4ACSR	14.50Y	120.8	0.00	5.17	0.85	1	11	6	88	0.00	0.0	4.783	0.073	0	0	0	1
433828	PL.1610	A	Consumer	14.50Y	120.8	0.00	5.17	0.85	0	11	6	88	0.00	0.0	4.783	0.000	11	6	1	1
PL.45668	PL.1610	A	2ACSR	14.50Y	120.8	0.00	5.17	0.00	0	0	0	100	0.00	0.0	4.990	0.207	0	0	0	0
4338033	PL.45668	A	Consumer	14.50Y	120.8	0.00	5.17	0.00	0	0	0	100	0.00	0.0	4.990	0.000	0	0	0	0
433814	PL.12573	A	Consumer	14.50Y	120.8	0.00	5.16	0.01	0	0	0	100	0.00	0.0	4.499	0.000	0	0	1	1
433816	PL.12573	A	Consumer	14.50Y	120.8	0.00	5.16	1.80	0	23	12	89	0.00	0.0	4.499	0.000	23	12	1	1
PL.1607	PL.12572	A	4ACSR	14.50Y	120.8	0.00	5.15	0.37	0	5	2	93	0.00	0.0	4.484	0.053	0	0	0	2
433822	PL.1607	A	Consumer	14.50Y	120.8	0.00	5.15	0.09	0	1	1	71	0.00	0.0	4.484	0.000	1	1	1	1
433805	PL.1607	A	Consumer	14.50Y	120.8	0.00	5.15	0.27	0	3	2	83	0.00	0.0	4.484	0.000	3	2	1	1
433825	PL.12571	A	Consumer	14.50Y	120.9	0.00	5.13	0.90	0	11	6	88	0.00	0.0	4.231	0.000	11	6	1	1
PL.1606	PL.12571	A	4ACSR	14.50Y	120.9	0.00	5.13	0.74	1	9	5	87	0.00	0.0	4.325	0.094	0	0	0	1
433803	PL.1606	A	Consumer	14.50Y	120.9	0.00	5.13	0.74	0	9	5	87	0.00	0.0	4.325	0.000	9	5	1	1
PL.37632	PL.21047	A	2ACSR	14.51Y	120.9	0.00	5.07	0.61	0	8	4	89	0.00	0.0	3.887	0.090	0	0	0	1
4338032	PL.37632	A	Consumer	14.51Y	120.9	0.00	5.07	0.61	0	8	4	89	0.00	0.0	3.887	0.000	8	4	1	1
433817	PL.21046	A	Consumer	14.51Y	120.9	0.00	5.05	0.48	0	6	3	89	0.00	0.0	3.727	0.000	6	3	1	1
433716	PL.24697	A	Consumer	14.53Y	121.1	0.00	4.89	0.00	0	0	0	100	0.00	0.0	3.469	0.000	0	0	1	1
433710	PL.24697	A	Consumer	14.53Y	121.1	0.00	4.89	0.00	0	0	0	100	0.00	0.0	3.469	0.000	0	0	0	0
433701	PL.26367	A	Consumer	14.60Y	121.7	0.00	4.31	0.62	0	8	4	89	0.00	0.0	3.057	0.000	8	4	1	1
4337021	PL.26366	A	Consumer	14.63Y	121.9	0.00	4.12	0.04	0	1	0	100	0.00	0.0	2.961	0.000	1	0	1	1
433718	PL.26366	A	Consumer	14.63Y	121.9	0.00	4.12	0.79	0	10	5	89	0.00	0.0	2.961	0.000	10	5	1	1
433720	PL.26365	A	Consumer	14.64Y	122.0	0.00	4.03	0.59	0	8	4	89	0.00	0.0	2.915	0.000	8	4	1	1
433719	PL.26365	A	Consumer	14.64Y	122.0	0.00	4.03	0.86	0	11	6	88	0.00	0.0	2.915	0.000	11	6	1	1
PL.40785	PL.24693	A	2ACSR	14.66Y	122.2	0.00	3.83	0.34	0	4	2	89	0.00	0.0	2.859	0.048	0	0	0	1
4337022	PL.40785	A	Consumer	14.66Y	122.2	0.00	3.83	0.34	0	4	2	89	0.00	0.0	2.859	0.000	4	2	1	1
433715	PL.26364	A	Consumer	14.68Y	122.3	0.00	3.68	1.76	0	23	12	89	0.00	0.0	2.740	0.000	23	12	1	1
PL.26361	PL.45723	A	1/0ACSR	15.00Y	125.0	0.00	0.98	0.07	0	1	0	100	0.00	0.0	1.104	0.016	0	0	0	0
		B		15.16Y	126.3	0.00	-0.34	0.07	0	1	0	90					0	0	0	0
		C		15.11Y	125.9	0.00	0.07	0.07	0	1	0	90					0	0	0	0
PD.320-A	PL.26361	A	Closed	15.00Y	125.0	0.00	0.98	0.07	0	1	0	100	0.00	0.0	1.104	0.000	0	0	0	0
		B		15.16Y	126.3	0.00	-0.34	0.07	0	1	0	90					0	0	0	0
		C		15.11Y	125.9	0.00	0.07	0.07	0	1	0	90					0	0	0	0
PD.320-B	PD.320-A	A	Closed	15.00Y	125.0	0.00	0.98	0.07	0	1	0	100	0.00	0.0	1.104	0.000	0	0	0	0
		B		15.16Y	126.3	0.00	-0.34	0.07	0	1	0	90					0	0	0	0
		C		15.11Y	125.9	0.00	0.07	0.07	0	1	0	90					0	0	0	0
PL.26362	PD.320-B	A	1/0ACSR	15.00Y	125.0	0.00	0.98	0.07	0	1	0	100	0.00	0.0	1.148	0.044	0	0	0	0
		B		15.16Y	126.3	0.00	-0.34	0.07	0	1	0	90					0	0	0	0
		C		15.11Y	125.9	0.00	0.07	0.07	0	1	0	90					0	0	0	0
433602	PL.26362	A	Consumer	15.00Y	125.0	0.00	0.98	0.07	0	1	0	100	0.00	0.0	1.148	0.000	1	0	0	0
		B		15.16Y	126.3	0.00	-0.34	0.07	0	1	0	90					1	0	0	0
		C		15.11Y	125.9	0.00	0.07	0.07	0	1	0	90					1	0	0	0
4336005	PL.42267	A	Consumer	15.01Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	1.009	0.000	0	0	0	0
		B		15.16Y	126.3	0.00	-0.31	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.06	0.00	0	0	0	100					0	0	0	0
433601	PL.24699	A	Consumer	15.04Y	125.4	0.00	0.63	0.80	0	11	5	91	0.00	0.0	0.785	0.000	11	5	1	1

Unbalanced Voltage Drop Report
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 4 (HINKSTON4) beginning with Device PD.8108.

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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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.42355	PL.32872	A	397ACSR	15.12Y	126.0	0.00	0.00	6.29	1	90	32	94	0.00	0.0	0.007	0.006	0	0	0	3		
		B		15.12Y	126.0	0.00	0.00	6.29	1	90	32	94	0	0	0	0	0	0	0	2		
		C		15.12Y	126.0	0.00	0.00	6.29	1	90	32	94	0	0	0	0	0	0	0	2		
PL.42356	PL.42355	A	397ACSR	15.12Y	126.0	0.00	0.00	6.29	1	90	32	94	0.00	0.0	0.019	0.012	0	0	0	3		
		B		15.12Y	126.0	0.00	0.00	6.29	1	90	32	94	0	0	0	0	0	0	2			
		C		15.12Y	126.0	0.00	0.00	6.29	1	90	32	94	0	0	0	0	0	0	2			
PL.14311	PL.42356	A	1/0ACSR	15.12Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	0.020	0.001	0	0	0	0		
		B		15.12Y	126.0	0.00	0.00	0.00	0	0	0	100	0	0	0	0	0	0	0			
		C		15.12Y	126.0	0.00	0.00	0.00	0	0	0	100	0	0	0	0	0	0	0			
PL.42655	PL.42356	A	1/0ACSR	15.12Y	126.0	0.00	0.00	6.29	3	90	32	94	0.00	0.0	0.023	0.004	0	0	0	3		
		B		15.12Y	126.0	0.00	0.00	6.29	3	90	32	94	0	0	0	0	0	0	2			
		C		15.12Y	126.0	0.00	0.00	6.29	3	90	32	94	0	0	0	0	0	0	2			
----- Feeder No. 1 (HINKSTON1) Beginning with Device PD.8111 -----																						
PD.8111	PL.42655	A	VWVE	15.12Y	126.0	0.00	0.00	6.29	0	90	32	94	0.00	0.0	0.023	0.000	0	0	0	3		
		B		15.12Y	126.0	0.00	0.00	6.29	0	90	32	94	0	0	0	0	0	0	2			
		C		15.12Y	126.0	0.00	0.00	6.29	0	90	32	94	0	0	0	0	0	0	2			
PL.42656	PD.8111	A	1/0ACSR	15.12Y	126.0	0.00	0.00	6.29	3	90	32	94	0.00	0.0	0.071	0.047	0	0	0	3		
		B		15.12Y	126.0	0.00	0.00	6.29	3	90	32	94	0	0	0	0	0	0	2			
		C		15.12Y	126.0	0.00	0.00	6.29	3	90	32	94	0	0	0	0	0	0	2			
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	0	0	0	2			
		C		15.12Y	126.0	0.00	0.00	6.29	0	90	32	94	0	0	0	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	0	0	0	2			
		C		15.12Y	126.0	0.00	0.00	6.29	0	90	32	94	0	0	0	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	0	0	0	2			
		C		15.12Y	126.0	0.00	0.01	6.29	3	90	32	94	0	0	0	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	0	0	0	1			
		C		15.12Y	126.0	0.00	0.01	5.47	3	79	26	95	0	0	0	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	0	0	0	1			
		C		15.12Y	126.0	0.00	0.01	5.14	3	74	24	95	0	0	0	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	0	0	0			
		C		15.12Y	126.0	0.00	0.01	0.31	0	4	2	90	0	0	0	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	0	0	0			
		C		15.12Y	126.0	0.00	0.01	0.31	0	4	2	90	4	2	0	0	0	0	0			
PL.21436	PL.28393	A	4ACSR	15.12Y	126.0	0.00	0.01	0.00	0	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	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	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	0	0	0			
		C		15.12Y	126.0	0.00	0.01	4.84	2	70	22	95	0	0	0	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	0	0				
		C		15.12Y	126.0	0.00	0.01	4.84	0	70	22	95	70	22	0	0	0	0				
PL.40938	PL.20771	B	2ACSR	15.12Y	126.0	0.00	0.01	0.00	0	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	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	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	0	100	0.00	0.0	0.172	0.000	0	0	0	0		

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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-----			
																KW	KVAR	Cons On	Cons Thru	
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	85	0.00	0.00	4683
KVAR	2230	0	0	-37	0	0	75			2268

Lowest Voltage		Highest Accumulated Voltage Drop		Highest Element Voltage Drop	
A-Phase ->	119.86 volts on PL.39346	6.14 volts on PL.39346	1.41 volts on PL.26363		
B-Phase ->	125.03 volts on PL.23158	0.97 volts on PL.23158	0.26 volts on PL.14457		
C-Phase ->	119.56 volts on PL.20951	6.44 volts on PL.20951	0.33 volts on PL.14540		

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.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	93.79	21	1331	477	94					0	0	0	280
		C		15.08Y	125.6	0.03	0.37	125.55	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	93.79	21	1331	477	94					0	0	0	280
		C		15.08Y	125.6	0.00	0.37	125.55	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	93.79	21	1331	477	94					0	0	0	280
		C		15.07Y	125.6	0.03	0.41	125.55	28	1778	648	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	93.79	21	1331	477	94					0	0	0	279
		C		15.07Y	125.6	0.03	0.43	125.55	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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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	0.13	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	125.55	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
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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
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	125.55	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	125.55	28	1777	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	32.07	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	32.07	27	453	159	94	0.07	0.0	2.142	0.029	0	0	0	108

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	-----Element-----		Cons On	Cons Thru
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	Length (mi)					KW	KVAR		
PL.21351	PL.21350	C	4ACSR	14.96Y	124.6	0.17	1.37	32.07	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	30.61	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	118	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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
445308	PL.12530	C	Consumer	14.82Y	123.5	0.00	2.48	0.00	0	0	0	100	0.00	0.0	4.150	0.000	0	0	1	1
445324	PL.12530	C	Consumer	14.82Y	123.5	0.00	2.48	0.07	0	1	0	100	0.00	0.0	4.150	0.000	1	0	1	1
PL.12529	PL.12530	C	4ACSR	14.82Y	123.5	0.05	2.53	23.34	20	327	114	94	0.11	0.0	4.234	0.085	0	0	0	72
PD.381-A	PL.12529	C	Closed	14.82Y	123.5	0.00	2.53	23.34	0	327	114	94	0.00	0.0	4.234	0.000	0	0	0	72
PD.381-B	PD.381-A	C	Closed	14.82Y	123.5	0.00	2.53	23.34	0	327	114	94	0.00	0.0	4.234	0.000	0	0	0	72
PL.12528	PD.381-B	C	4ACSR	14.82Y	123.5	0.01	2.54	23.34	20	327	114	94	0.02	0.0	4.252	0.018	0	0	0	72
PL.17712	PL.12528	C	4ACSR	14.82Y	123.5	0.00	2.54	0.06	0	1	0	100	0.00	0.0	4.259	0.007	0	0	0	2
PL.13151	PL.17712	C	4ACSR	14.82Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	4.471	0.212	0	0	0	0
PD.380-B	PL.13151	C	Open	14.82Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	4.471	0.000	0	0	0	0
PL.45504	PL.17712	C	4ACSR	14.82Y	123.5	0.00	2.54	0.06	0	1	0	100	0.00	0.0	4.277	0.017	0	0	0	2
PD.8658	PL.45504	C	fuse6AMP	14.82Y	123.5	0.00	2.54	0.06	1	1	0	100	0.00	0.0	4.277	0.000	0	0	0	2
PL.45505	PD.8658	C	4ACSR	14.82Y	123.5	0.00	2.54	0.06	0	1	0	100	0.00	0.0	4.311	0.034	0	0	0	2
PL.22887	PL.45505	C	4ACSR	14.82Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	4.486	0.175	0	0	0	1
445320	PL.22887	C	Consumer	14.82Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	4.486	0.000	0	0	1	1
PL.28576	PL.45505	C	4ACSR	14.82Y	123.5	0.00	2.54	0.06	0	1	0	100	0.00	0.0	4.350	0.039	0	0	0	1
445309	PL.28576	C	Consumer	14.82Y	123.5	0.00	2.54	0.06	0	1	0	100	0.00	0.0	4.350	0.000	1	0	1	1
PL.19424	PL.12528	C	4ACSR	14.81Y	123.4	0.03	2.57	23.29	20	326	113	94	0.08	0.0	4.311	0.059	0	0	0	70
PL.19425	PL.19424	C	4ACSR	14.81Y	123.4	0.04	2.61	23.29	20	326	113	94	0.10	0.0	4.386	0.075	0	0	0	70
PL.13148	PL.19425	C	4ACSR	14.80Y	123.4	0.03	2.64	21.96	18	307	107	94	0.08	0.0	4.453	0.067	0	0	0	66
PL.13149	PL.13148	C	4ACSR	14.80Y	123.3	0.02	2.66	21.96	18	307	107	94	0.06	0.0	4.503	0.050	0	0	0	65
PL.13145	PL.13149	C	4ACSR	14.80Y	123.3	0.02	2.69	14.12	12	197	69	94	0.04	0.0	4.578	0.075	0	0	0	42
PD.2654	PL.13145	C	25V4E	14.80Y	123.3	0.00	2.69	14.12	56	197	69	94	0.00	0.0	4.578	0.000	0	0	0	42
PL.19242	PD.2654	C	4ACSR	14.80Y	123.3	0.01	2.70	14.12	12	197	69	94	0.01	0.0	4.607	0.030	0	0	0	42
PL.19243	PL.19242	C	4ACSR	14.79Y	123.3	0.02	2.72	14.07	12	197	68	95	0.03	0.0	4.671	0.064	0	0	0	41
PL.24902	PL.19243	C	4ACSR	14.79Y	123.3	0.01	2.73	14.07	12	197	68	95	0.02	0.0	4.705	0.034	0	0	0	41
PL.24010	PL.24902	C	4ACSR	14.79Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	4.705	0.000	0	0	0	0
PL.6900	PL.24902	C	4ACSR	14.78Y	123.1	0.13	2.86	14.07	12	197	68	95	0.19	0.1	5.112	0.408	0	0	0	41
444307	PL.6900	C	Consumer	14.78Y	123.1	0.00	2.86	0.41	0	6	2	95	0.00	0.0	5.112	0.000	6	2	1	1
PL.8596	PL.6900	C	4ACSR	14.77Y	123.1	0.04	2.90	13.66	11	191	66	95	0.05	0.0	5.226	0.114	0	0	0	40
PL.8597	PL.8596	C	4ACSR	14.77Y	123.1	0.02	2.91	13.66	11	191	66	95	0.02	0.0	5.276	0.049	0	0	0	40
444302	PL.8597	C	Consumer	14.77Y	123.1	0.00	2.91	0.57	0	8	3	94	0.00	0.0	5.276	0.000	8	3	1	1
PL.6901	PL.8597	C	4ACSR	14.76Y	123.0	0.07	2.98	13.09	11	183	63	95	0.09	0.0	5.497	0.221	0	0	0	39
PL.13360	PL.6901	C	4ACSR	14.76Y	123.0	0.05	3.03	13.09	11	182	63	94	0.07	0.0	5.666	0.170	0	0	0	39
444304	PL.13360	C	Consumer	14.76Y	123.0	0.00	3.03	0.74	0	10	4	93	0.00	0.0	5.666	0.000	10	4	1	1
444305	PL.13360	C	Consumer	14.76Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	5.666	0.000	0	0	0	0
PL.21167	PL.13360	C	4ACSR	14.76Y	123.0	0.00	3.03	0.17	0	2	1	89	0.00	0.0	5.675	0.008	0	0	0	3
PD.367-A	PL.21167	C	Closed	14.76Y	123.0	0.00	3.03	0.17	0	2	1	89	0.00	0.0	5.675	0.000	0	0	0	3
PD.367-B	PD.367-A	C	Closed	14.76Y	123.0	0.00	3.03	0.17	0	2	1	89	0.00	0.0	5.675	0.000	0	0	0	3

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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\EXISTING JUL05 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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss		Length (mi)	KW			KVAR	
PD.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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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							
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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.2752	PL.13138	C	4ACSR	14.90Y	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	91.86	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\EXISTING JUL05 CWP.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.1489	PL.13109	B	fuse6AMP	15.00Y	125.0	0.00	0.99	1.08	19	15	7	91	0.00	0.0	1.851	0.000	0	0	0	3	
PL.13110	PD.1489	B	4ACSR	15.00Y	125.0	0.00	1.00	1.08	1	15	7	91	0.00	0.0	1.918	0.067	0	0	0	3	
447328	PL.13110	B	Consumer	15.00Y	125.0	0.00	1.00	0.47	0	6	3	89	0.00	0.0	1.918	0.000	6	3	1	1	
447329	PL.13110	B	Consumer	15.00Y	125.0	0.00	1.00	0.48	0	6	3	89	0.00	0.0	1.918	0.000	6	3	1	1	
447327	PL.13110	B	Consumer	15.00Y	125.0	0.00	1.00	0.14	0	2	1	89	0.00	0.0	1.918	0.000	2	1	1	1	
PL.13116	PL.13108	A	336ACSR	15.11Y	125.9	0.01	0.08	53.46	12	762	267	94	0.57	0.0	1.944	0.103	0	0	0	160	
		B		14.99Y	125.0	0.05	1.04	91.63	21	1296	459	94					0	0	0	270	
		C		15.00Y	125.0	0.03	0.97	91.86	21	1297	467	94					0	0	0	261	
PL.13119	PL.13116	A	336ACSR	15.11Y	125.9	0.01	0.10	53.46	12	762	267	94	0.46	0.0	2.027	0.083	0	0	0	160	
		B		14.99Y	124.9	0.04	1.08	91.63	21	1295	458	94					0	0	0	270	
		C		15.00Y	125.0	0.03	0.99	91.86	21	1297	466	94					0	0	0	260	
PL.13122	PL.13119	C	4ACSR	15.00Y	125.0	0.00	0.99	1.18	1	17	6	94	0.00	0.0	2.039	0.012	0	0	0	5	
PD.1494	PL.13122	C	fuse6AMP	15.00Y	125.0	0.00	0.99	1.18	20	17	6	94	0.00	0.0	2.039	0.000	0	0	0	5	
PL.13121	PD.1494	C	4ACSR	15.00Y	125.0	0.00	0.99	1.18	1	17	6	94	0.00	0.0	2.087	0.048	0	0	0	5	
PL.2759	PL.13121	C	4ACSR	15.00Y	125.0	0.00	0.99	0.51	0	7	3	92	0.00	0.0	2.127	0.040	0	0	0	1	
447308	PL.2759	C	Consumer	15.00Y	125.0	0.00	0.99	0.51	0	7	3	92	0.00	0.0	2.127	0.000	7	3	1	1	
PL.2760	PL.13121	C	4ACSR	15.00Y	125.0	0.00	0.99	0.11	0	2	1	89	0.00	0.0	2.131	0.044	0	0	0	1	
447302	PL.2760	C	Consumer	15.00Y	125.0	0.00	0.99	0.11	0	2	1	89	0.00	0.0	2.131	0.000	2	1	1	1	
447318	PL.13121	C	Consumer	15.00Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	2.087	0.000	0	0	1	1	
447311	PL.13121	C	Consumer	15.00Y	125.0	0.00	0.99	0.49	0	7	2	96	0.00	0.0	2.087	0.000	7	2	1	1	
447310	PL.13121	C	Consumer	15.00Y	125.0	0.00	0.99	0.07	0	1	0	100	0.00	0.0	2.087	0.000	1	0	1	1	
PL.13123	PL.13119	A	4ACSR	15.11Y	125.9	0.00	0.10	0.61	1	9	3	95	0.00	0.0	2.036	0.009	0	0	0	2	
PD.7	PL.13123	A	fuse6AMP	15.11Y	125.9	0.00	0.10	0.61	10	9	3	95	0.00	0.0	2.036	0.000	0	0	0	2	
PL.13124	PD.7	A	4ACSR	15.11Y	125.9	0.00	0.10	0.61	1	9	3	95	0.00	0.0	2.111	0.075	0	0	0	2	
447312	PL.13124	A	Consumer	15.11Y	125.9	0.00	0.10	0.01	0	0	0	100	0.00	0.0	2.111	0.000	0	0	1	1	
447316	PL.13124	A	Consumer	15.11Y	125.9	0.00	0.10	0.60	0	9	3	95	0.00	0.0	2.111	0.000	9	3	1	1	
PL.13120	PL.13119	A	336ACSR	15.11Y	125.9	0.01	0.11	52.86	12	754	264	94	0.44	0.0	2.107	0.080	0	0	0	158	
		B		14.99Y	124.9	0.04	1.12	91.63	21	1295	458	94					0	0	0	270	
		C		15.00Y	125.0	0.02	1.02	90.68	21	1280	460	94					0	0	0	255	
PL.8602	PL.13120	A	336ACSR	15.10Y	125.9	0.03	0.14	52.86	12	754	264	94	1.27	0.0	2.339	0.232	0	0	0	158	
		B		14.97Y	124.8	0.11	1.24	91.63	21	1295	457	94					0	0	0	270	
		C		14.99Y	124.9	0.07	1.09	90.68	21	1280	459	94					0	0	0	255	
PL.13125	PL.8602	A	336ACSR	15.10Y	125.8	0.02	0.16	52.86	12	753	264	94	0.96	0.0	2.516	0.176	0	0	0	158	
		B		14.96Y	124.7	0.09	1.32	91.63	21	1294	456	94					0	0	0	270	
		C		14.98Y	124.9	0.05	1.14	90.68	21	1280	458	94					0	0	0	255	
PL.13127	PL.13125	C	4ACSR	14.98Y	124.9	0.00	1.14	0.83	1	12	4	95	0.00	0.0	2.535	0.019	0	0	0	2	
PD.1490	PL.13127	C	fuse6AMP	14.98Y	124.9	0.00	1.14	0.83	14	12	4	95	0.00	0.0	2.535	0.000	0	0	0	2	
PL.13128	PD.1490	C	4ACSR	14.98Y	124.9	0.00	1.14	0.83	1	12	4	95	0.00	0.0	2.599	0.064	0	0	0	2	
PL.6468	PL.13128	C	4ACSR	14.98Y	124.9	0.00	1.14	0.32	0	5	2	93	0.00	0.0	2.634	0.035	0	0	0	1	
447326	PL.6468	C	Consumer	14.98Y	124.9	0.00	1.14	0.32	0	5	2	93	0.00	0.0	2.634	0.000	5	2	1	1	
PL.13126	PL.13128	C	4ACSR	14.98Y	124.9	0.00	1.14	0.51	0	7	3	92	0.00	0.0	2.658	0.059	0	0	0	1	
447330	PL.13126	C	Consumer	14.98Y	124.9	0.00	1.14	0.51	0	7	3	92	0.00	0.0	2.658	0.000	7	3	1	1	

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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----- Length (mi)	KW	KVAR	Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	kW Loss	% Loss									
PL.13129	PL.13125	A	336ACSR	15.10Y	125.8	0.01	0.16	52.86	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		14.94Y	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\EXISTING JUL05 CWP.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.26550	PL.118	A	336ACSR	15.10Y	125.8	0.01	0.21	52.50	12	748	261	94	0.20	0.0	2.875	0.037	0	0	0	156	
		B		14.94Y	124.5	0.02	1.50	91.63	21	1292	453	94					0	0	0	270	
		C		14.97Y	124.8	0.01	1.25	86.69	20	1223	435	94					0	0	0	243	
PL.26551	PL.26550	A	336ACSR	15.09Y	125.8	0.01	0.22	52.50	12	748	261	94	0.40	0.0	2.952	0.077	0	0	0	156	
		B		14.94Y	124.5	0.04	1.54	90.39	20	1274	447	94					0	0	0	267	
		C		14.97Y	124.7	0.02	1.27	86.45	20	1219	434	94					0	0	0	242	
447251	PL.26551	B	Consumer	14.94Y	124.5	0.00	1.54	0.47	0	7	2	96	0.00	0.0	2.952	0.000	7	2	1	1	
PL.13646	PL.26551	A	336ACSR	15.09Y	125.8	0.01	0.22	52.50	12	748	261	94	0.27	0.0	3.005	0.053	0	0	0	156	
		B		14.93Y	124.4	0.03	1.56	89.92	20	1268	444	94					0	0	0	266	
		C		14.97Y	124.7	0.02	1.28	86.45	20	1219	433	94					0	0	0	242	
PL.13647	PL.13646	A	4ACSR	15.09Y	125.8	0.00	0.22	0.41	0	6	2	95	0.00	0.0	3.013	0.008	0	0	0	1	
PD.1492	PL.13647	A	fuse6AMP	15.09Y	125.8	0.00	0.22	0.41	7	6	2	95	0.00	0.0	3.013	0.000	0	0	0	1	
PL.13648	PD.1492	A	4ACSR	15.09Y	125.8	0.00	0.22	0.41	0	6	2	95	0.00	0.0	3.028	0.016	0	0	0	1	
447257	PL.13648	A	Consumer	15.09Y	125.8	0.00	0.22	0.41	0	6	2	95	0.00	0.0	3.028	0.000	6	2	1	1	
PL.13649	PL.13646	A	336ACSR	15.09Y	125.8	-0.00	0.22	0.00	0	0	0	100	0.00	0.0	3.121	0.116	0	0	0	0	
		B		14.93Y	124.4	0.00	1.56	0.00	0	0	0	100					0	0	0	0	
		C		14.97Y	124.7	0.00	1.28	1.48	0	21	7	94					0	0	0	3	
PL.24064	PL.13649	C	4ACSR	14.97Y	124.7	0.00	1.28	0.65	1	9	3	95	0.00	0.0	3.191	0.070	0	0	0	1	
447256	PL.24064	C	Consumer	14.97Y	124.7	0.00	1.28	0.65	0	9	3	95	0.00	0.0	3.191	0.000	9	3	1	1	
PL.27950	PL.13649	A	336ACSR	15.09Y	125.8	-0.00	0.22	0.00	0	0	0	100	0.00	0.0	3.176	0.055	0	0	0	0	
		B		14.93Y	124.4	0.00	1.56	0.00	0	0	0	100					0	0	0	0	
		C		14.97Y	124.7	0.00	1.28	0.83	0	12	4	94					0	0	0	2	
PL.27951	PL.27950	A	336ACSR	15.09Y	125.8	-0.00	0.22	0.00	0	0	0	100	0.00	0.0	3.305	0.129	0	0	0	0	
		B		14.93Y	124.4	0.00	1.56	0.00	0	0	0	100					0	0	0	0	
		C		14.97Y	124.7	0.00	1.28	0.40	0	6	2	94					0	0	0	1	
447238	PL.27951	C	Consumer	14.97Y	124.7	0.00	1.28	0.40	0	6	2	95	0.00	0.0	3.305	0.000	6	2	1	1	
447255	PL.27950	C	Consumer	14.97Y	124.7	0.00	1.28	0.44	0	6	2	95	0.00	0.0	3.176	0.000	6	2	1	1	
PL.13650	PL.13646	A	336ACSR	15.09Y	125.8	0.01	0.23	52.09	12	742	259	94	0.35	0.0	3.073	0.068	0	0	0	155	
		B		14.93Y	124.4	0.03	1.59	89.92	20	1267	444	94					0	0	0	266	
		C		14.96Y	124.7	0.02	1.30	84.97	19	1198	426	94					0	0	0	239	
PL.13651	PL.13650	A	336ACSR	15.09Y	125.7	0.02	0.26	52.09	12	742	259	94	0.85	0.0	3.245	0.172	0	0	0	155	
		B		14.92Y	124.3	0.08	1.67	87.30	20	1230	430	94					0	0	0	259	
		C		14.96Y	124.6	0.05	1.35	84.97	19	1198	425	94					0	0	0	239	
PL.13657	PL.13651	A	336ACSR	15.09Y	125.7	0.01	0.27	52.09	12	742	259	94	0.37	0.0	3.319	0.074	0	0	0	155	
		B		14.92Y	124.3	0.03	1.71	87.30	20	1230	430	94					0	0	0	259	
		C		14.96Y	124.6	0.02	1.37	84.97	19	1198	424	94					0	0	0	239	
PL.24072	PL.13657	C	4ACSR	14.96Y	124.6	0.00	1.37	1.27	1	18	6	95	0.00	0.0	3.400	0.080	0	0	0	3	
447212	PL.24072	C	Consumer	14.96Y	124.6	0.00	1.37	0.15	0	2	1	89	0.00	0.0	3.400	0.000	2	1	1	1	
447221	PL.24072	C	Consumer	14.96Y	124.6	0.00	1.37	0.49	0	7	2	96	0.00	0.0	3.400	0.000	7	2	1	1	
447229	PL.24072	C	Consumer	14.96Y	124.6	0.00	1.37	0.63	0	9	3	95	0.00	0.0	3.400	0.000	9	3	1	1	
PL.13658	PL.13657	A	336ACSR	15.09Y	125.7	0.01	0.28	52.09	12	742	259	94	0.41	0.0	3.404	0.085	0	0	0	155	
		B		14.91Y	124.3	0.04	1.75	87.30	20	1229	429	94					0	0	0	259	
		C		14.95Y	124.6	0.02	1.39	83.70	19	1180	418	94					0	0	0	236	
PL.20544	PL.13658	A	6ACWC	15.08Y	125.7	0.04	0.32	30.47	26	434	151	94	0.44	0.0	3.467	0.063	0	0	0	82	
		B		14.90Y	124.2	0.05	1.79	38.45	33	541	189	94					0	0	0	117	
		C		14.95Y	124.6	0.03	1.42	27.25	23	385	135	94					0	0	0	81	
PD.3666	PL.20544	A	50V4E	15.08Y	125.7	0.00	0.32	30.47	61	434	151	94	0.00	0.0	3.467	0.000	0	0	0	82	
		B		14.90Y	124.2	0.00	1.79	38.45	0	541	189	94					0	0	0	117	
		C		14.95Y	124.6	0.00	1.42	27.25	55	384	135	94					0	0	0	81	

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 PL.20545, PL.26644, PD.391-A, etc.

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.2743-A, PL.23247, PL.2509, etc.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.13308	PL.13307	A	6ACWC	14.99Y	124.9	0.01	1.06	10.80	9	153	53	94	0.03	0.0	5.088	0.050	0	0	0	27
		B		14.82Y	123.5	0.01	2.52	13.58	12	189	68	94					0	0	0	42
		C		14.93Y	124.4	-0.00	1.59	0.00	0	0	0	100					0	0	0	0
PL.13311	PL.13308	A	6ACWC	14.99Y	124.9	0.02	1.08	10.80	9	153	53	94	0.05	0.0	5.163	0.075	0	0	0	27
		B		14.82Y	123.5	0.02	2.54	13.35	11	186	67	94					0	0	0	41
		C		14.93Y	124.4	-0.00	1.58	0.00	0	0	0	100					0	0	0	0
PL.13313	PL.13311	A	4ACSR	14.99Y	124.9	0.00	1.08	0.48	0	7	2	96	0.00	0.0	5.177	0.014	0	0	0	1
PD.1417	PL.13313	A	fuse6AMP	14.99Y	124.9	0.00	1.08	0.48	8	7	2	96	0.00	0.0	5.177	0.000	0	0	0	1
PL.14016	PD.1417	A	4ACSR	14.99Y	124.9	0.00	1.08	0.48	0	7	2	96	0.00	0.0	5.206	0.029	0	0	0	1
437941	PL.14016	A	Consumer	14.99Y	124.9	0.00	1.08	0.48	0	7	2	96	0.00	0.0	5.206	0.000	7	2	1	1
PL.13312	PL.13311	A	6ACWC	14.98Y	124.9	0.05	1.13	10.32	9	146	51	94	0.12	0.0	5.350	0.188	0	0	0	26
		B		14.81Y	123.4	0.05	2.59	13.35	11	186	67	94					0	0	0	41
		C		14.93Y	124.4	-0.01	1.57	0.00	0	0	0	100					0	0	0	0
PL.13715	PL.13312	A	6ACWC	14.98Y	124.8	0.05	1.18	10.32	9	146	51	94	0.11	0.0	5.527	0.177	0	0	0	26
		B		14.80Y	123.4	0.04	2.63	13.08	11	182	66	94					0	0	0	40
		C		14.93Y	124.4	-0.01	1.56	0.00	0	0	0	100					0	0	0	0
PL.13664	PL.13715	B	4ACSR	14.79Y	123.3	0.09	2.72	13.08	11	182	66	94	0.12	0.1	5.826	0.299	0	0	0	40
PD.336-B	PL.13664	B	Closed	14.79Y	123.3	0.00	2.72	13.08	0	182	65	94	0.00	0.0	5.826	0.000	0	0	0	40
PD.336-A	PD.336-B	B	Closed	14.79Y	123.3	0.00	2.72	13.08	0	182	65	94	0.00	0.0	5.826	0.000	0	0	0	40
PL.13663	PD.336-A	B	4ACSR	14.79Y	123.3	0.01	2.73	13.08	11	182	65	94	0.02	0.0	5.874	0.048	0	0	0	40
PL.27330	PL.13663	B	4ACSR	14.78Y	123.2	0.08	2.82	12.97	11	180	65	94	0.11	0.1	6.160	0.286	0	0	0	38
PL.27329	PL.27330	B	4ACSR	14.78Y	123.1	0.05	2.87	12.81	11	178	64	94	0.07	0.0	6.343	0.182	0	0	0	37
C PD.1410	PL.27329	B	fuse6AMP	14.78Y	123.1	0.00	2.87	12.81	219	178	64	94	0.00	0.0	6.343	0.000	0	0	0	37 C
PL.27579	PD.1410	B	4ACSR	14.77Y	123.1	0.01	2.88	12.81	11	178	64	94	0.01	0.0	6.368	0.025	0	0	0	37
PL.100	PL.27579	B	4ACSR	14.77Y	123.1	0.01	2.89	10.91	9	152	55	94	0.01	0.0	6.393	0.025	0	0	0	29
PL.15182	PL.100	B	4ACSR	14.77Y	123.1	0.02	2.90	10.91	9	152	55	94	0.02	0.0	6.464	0.072	0	0	0	29
PL.15181	PL.15182	B	4ACSR	14.77Y	123.1	0.00	2.91	10.06	8	140	51	94	0.00	0.0	6.482	0.018	0	0	0	28
PL.15180	PL.15181	B	4ACSR	14.77Y	123.1	0.01	2.92	10.06	8	140	51	94	0.01	0.0	6.527	0.045	0	0	0	27
PL.15179	PL.15180	B	4ACSR	14.77Y	123.1	0.01	2.93	8.68	7	120	44	94	0.01	0.0	6.583	0.055	0	0	0	23
PL.24739	PL.15179	B	4ACSR	14.77Y	123.1	0.01	2.94	7.93	7	110	40	94	0.01	0.0	6.645	0.062	0	0	0	22
PL.15178	PL.24739	B	4ACSR	14.77Y	123.0	0.02	2.96	7.37	6	102	38	94	0.01	0.0	6.746	0.102	0	0	0	21
PL.15177	PL.15178	B	4ACSR	14.76Y	123.0	0.01	2.97	5.72	5	79	30	93	0.01	0.0	6.827	0.081	0	0	0	18
PL.15176	PL.15177	B	4ACSR	14.76Y	123.0	0.00	2.97	5.72	5	79	30	93	0.00	0.0	6.848	0.021	0	0	0	17
PL.15175	PL.15176	B	4ACSR	14.76Y	123.0	0.01	2.98	4.42	4	61	23	94	0.00	0.0	6.910	0.062	0	0	0	15
PL.15174	PL.15175	B	4ACSR	14.76Y	123.0	0.02	3.00	4.42	4	61	23	94	0.01	0.0	7.101	0.191	0	0	0	15
PL.15173	PL.15174	B	4ACSR	14.76Y	123.0	0.01	3.00	3.80	3	52	20	93	0.00	0.0	7.188	0.087	0	0	0	11
PL.6702	PL.15173	B	4ACSR	14.76Y	123.0	0.00	3.01	3.50	3	48	19	93	0.00	0.0	7.237	0.049	0	0	0	10
PL.21502	PL.6702	B	4ACSR	14.76Y	123.0	0.00	3.01	2.35	2	32	13	93	0.00	0.0	7.295	0.058	0	0	0	8
PL.21501	PL.21502	B	4ACSR	14.76Y	123.0	0.00	3.01	1.83	2	25	11	92	0.00	0.0	7.328	0.033	0	0	0	7
PL.15172	PL.21501	B	4ACSR	14.76Y	123.0	0.00	3.02	1.75	1	24	10	92	0.00	0.0	7.421	0.093	0	0	0	6
PL.15171	PL.15172	B	4ACSR	14.76Y	123.0	0.00	3.02	0.46	0	6	2	95	0.00	0.0	7.645	0.224	0	0	0	1
PL.20393	PL.15171	B	4ACSR	14.76Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	7.656	0.011	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	% PF	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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.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
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
Source: HOPE

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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.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

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\EXISTING JUL05 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.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\EXISTING JUL05 CWP.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.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 438919, PL.13778, PL.13779, etc.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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 Loss				Length (mi)	KW		
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 B C	1/0ACSR	15.05Y 14.83Y 14.88Y	125.4 123.6 124.0	-0.00 0.01 0.02	0.62 2.45 1.99	7.72 9.54 26.10	4 5 13	110 134 367	38 45 128	95 95 94	0.06 0.0	0.0	5.258	0.076	0 0 0	0 0 0	0 0 0	19 28 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 B C	1/0ACSR	15.05Y 14.82Y 14.88Y	125.4 123.5 124.0	-0.00 0.01 0.03	0.62 2.46 2.02	7.72 8.61 26.10	4 4 13	110 121 367	38 40 128	95 95 94	0.08 0.0	0.0	5.364	0.106	0 0 0	0 0 0	0 0 0	19 23 75
PL.14165	PL.14164	A B C	1/0ACSR	15.05Y 14.82Y 14.88Y	125.4 123.5 124.0	-0.00 0.00 0.01	0.62 2.46 2.04	7.72 7.56 26.10	4 4 13	110 106 367	38 36 128	95 95 94	0.04 0.0	0.0	5.413	0.049	0 0 0	0 0 0	0 0 0	19 20 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 B C	1/0ACSR	15.05Y 14.82Y 14.87Y	125.4 123.5 124.0	-0.00 0.00 0.01	0.62 2.47 2.05	7.72 6.82 26.10	4 3 13	110 96 367	38 32 128	95 95 94	0.03 0.0	0.0	5.454	0.041	0 0 0	0 0 0	0 0 0	19 19 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 B C	1/0ACSR	15.05Y 14.82Y 14.87Y	125.4 123.5 123.9	-0.00 0.01 0.02	0.62 2.47 2.07	7.72 5.82 26.10	4 3 13	110 82 367	38 28 128	95 95 94	0.06 0.0	0.0	5.530	0.076	0 0 0	0 0 0	0 0 0	19 18 75
PL.14586	PL.14733	A B C	1/0ACSR	15.05Y 14.82Y 14.87Y	125.4 123.5 123.9	-0.00 0.01 0.03	0.61 2.48 2.10	7.72 4.95 26.10	4 2 13	110 70 366	38 23 128	95 95 94	0.06 0.0	0.0	5.616	0.086	0 0 0	0 0 0	0 0 0	19 15 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
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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 438858, PL.14590, PD.2651, etc.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							% PF	kW Loss	% Loss	mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	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
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
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
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
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
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
438868	PL.14593	B	Consumer	14.82Y	123.5	0.00	2.49	0.03	0	0	0	100	0.00	0.0	5.962	0.000	0	0	1	1
438862	PL.14589	B	Consumer	14.82Y	123.5	0.00	2.48	0.80	0	11	4	94	0.00	0.0	5.729	0.000	11	4	1	1
438806	PL.14589	B	Consumer	14.82Y	123.5	0.00	2.48	0.27	0	4	1	97	0.00	0.0	5.729	0.000	4	1	1	1
PL.40999	PL.14591	B	1/0EPRJCN	14.82Y	123.5	0.00	2.48	1.34	1	19	6	95	0.00	0.0	5.697	0.041	0	0	0	3
438865	PL.40999	B	Consumer	14.82Y	123.5	0.00	2.48	1.35	0	19	7	94	0.00	0.0	5.697	0.000	5	2	1	3
4388076	438865	B	Consumer	14.82Y	123.5	0.00	2.48	0.99	0	14	5	94	0.00	0.0	5.697	0.000	9	3	1	2
4388077	4388076	B	Consumer	14.82Y	123.5	0.00	2.48	0.38	0	5	2	93	0.00	0.0	5.697	0.000	5	2	1	1
PL.14734	PL.14733	B	4ACSR	14.82Y	123.5	0.00	2.47	0.88	1	12	4	95	0.00	0.0	5.545	0.015	0	0	0	3
PD.1001	PL.14734	B	fuse6AMP	14.82Y	123.5	0.00	2.47	0.88	15	12	4	95	0.00	0.0	5.545	0.000	0	0	0	3
PL.14735	PD.1001	B	4ACSR	14.82Y	123.5	0.00	2.48	0.88	1	12	4	95	0.00	0.0	5.595	0.051	0	0	0	3
PL.2681	PL.14735	B	4ACSR	14.82Y	123.5	0.00	2.48	0.41	0	6	2	95	0.00	0.0	5.652	0.057	0	0	0	1
PL.2517	PL.2681	B	4ACSR	14.82Y	123.5	0.00	2.48	0.41	0	6	2	95	0.00	0.0	5.734	0.081	0	0	0	1
438827	PL.2517	B	Consumer	14.82Y	123.5	0.00	2.48	0.41	0	6	2	95	0.00	0.0	5.734	0.000	6	2	1	1
PL.14736	PL.14735	B	4ACSR	14.82Y	123.5	0.00	2.48	0.47	0	7	2	96	0.00	0.0	5.648	0.053	0	0	0	2
438844	PL.14736	B	Consumer	14.82Y	123.5	0.00	2.48	0.02	0	0	0	100	0.00	0.0	5.648	0.000	0	0	1	1
PL.6715	PL.14736	B	4ACSR	14.82Y	123.5	0.00	2.48	0.45	0	6	2	95	0.00	0.0	5.829	0.180	0	0	0	1
PL.2515	PL.6715	B	4ACSR	14.82Y	123.5	0.00	2.48	0.00	0	0	0	100	0.00	0.0	5.939	0.110	0	0	0	0
PL.2516	PL.2515	B	4ACSR	14.82Y	123.5	0.00	2.48	0.00	0	0	0	100	0.00	0.0	6.027	0.087	0	0	0	0
PL.2514	PL.2516	B	4ACSR	14.82Y	123.5	0.00	2.48	0.00	0	0	0	100	0.00	0.0	6.206	0.180	0	0	0	0
PL.2513	PL.2514	B	4ACSR	14.82Y	123.5	0.00	2.48	0.00	0	0	0	100	0.00	0.0	6.394	0.188	0	0	0	0
438808	PL.6715	B	Consumer	14.82Y	123.5	0.00	2.48	0.45	0	6	2	95	0.00	0.0	5.829	0.000	6	2	1	1
PL.2518	PL.14164	B	4ACSR	14.82Y	123.5	0.00	2.46	0.49	0	7	2	96	0.00	0.0	5.430	0.066	0	0	0	1
438816	PL.2518	B	Consumer	14.82Y	123.5	0.00	2.46	0.49	0	7	2	96	0.00	0.0	5.430	0.000	7	2	1	1
PL.14166	PL.14164	B	4ACSR	14.82Y	123.5	0.00	2.46	0.56	0	8	2	97	0.00	0.0	5.371	0.007	0	0	0	2
PD.999	PL.14166	B	fuse6AMP	14.82Y	123.5	0.00	2.46	0.56	10	8	2	97	0.00	0.0	5.371	0.000	0	0	0	2
PL.14730	PD.999	B	4ACSR	14.82Y	123.5	0.00	2.46	0.56	0	8	2	97	0.00	0.0	5.440	0.069	0	0	0	2
438863	PL.14730	B	Consumer	14.82Y	123.5	0.00	2.46	0.44	0	6	2	95	0.00	0.0	5.440	0.000	6	2	1	1
4388070	PL.14730	B	Consumer	14.82Y	123.5	0.00	2.46	0.14	0	2	1	89	0.00	0.0	5.440	0.000	2	1	1	1
PL.45407	PL.14730	B	2ACSR	14.82Y	123.5	-0.00	2.46	-0.08	0	0	-1	0	0.00	0.0	5.583	0.143	0	0	0	0
PD.8644-A	PL.45407	B	Closed	14.82Y	123.5	0.00	2.46	-0.08	0	0	-1	0	0.00	0.0	5.583	0.000	0	0	0	0
PD.8644-B	PD.8644-A	B	Closed	14.82Y	123.5	0.00	2.46	-0.08	0	0	-1	0	0.00	0.0	5.583	0.000	0	0	0	0
PL.45408	PD.8644-B	B	1/0EPRJCN	14.82Y	123.5	-0.00	2.46	-0.08	0	0	-1	0	0.00	0.0	5.645	0.062	0	0	0	0
4388079	PL.45408	B	Consumer	14.82Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	5.645	0.000	0	0	0	0
PL.14160	PL.14159	B	4ACSR	14.83Y	123.6	0.00	2.45	0.32	0	4	2	89	0.00	0.0	5.270	0.013	0	0	0	1
PD.997	PL.14160	B	fuse6AMP	14.83Y	123.6	0.00	2.45	0.32	5	4	2	89	0.00	0.0	5.270	0.000	0	0	0	1
PL.14161	PD.997	B	4ACSR	14.83Y	123.6	0.00	2.45	0.32	0	4	2	89	0.00	0.0	5.424	0.154	0	0	0	1
438810	PL.14161	B	Consumer	14.83Y	123.6	0.00	2.45	0.32	0	4	2	89	0.00	0.0	5.424	0.000	4	2	1	1
438902	PL.27654	B	Consumer	14.83Y	123.6	0.00	2.42	0.53	0	7	3	92	0.00	0.0	5.079	0.000	7	3	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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								
438939	PL.27654	B	Consumer	14.83Y	123.6	0.00	2.42	0.00	0	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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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.13662, PL.13659, etc.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Includes data for various elements like PL.14439, PD.3687, etc.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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
C PD.3691	PL.29871	A	fuse6AMP	15.09Y	125.7	0.00	0.27	19.72	337	281	98	94	0.00	0.0	4.359	0.000	0	0	0	68
C		B		14.88Y	124.0	0.00	2.00	41.51	709	584	201	95					0	0	0	125
C		C		14.93Y	124.4	0.00	1.59	51.25	875	722	254	94					0	0	0	141
PL.29872	PD.3691	A	336ACSR	15.09Y	125.7	-0.00	0.27	19.72	4	281	98	94	0.15	0.0	4.468	0.109	0	0	0	68
		B		14.88Y	124.0	0.03	2.03	41.51	9	584	201	95					0	0	0	125
		C		14.93Y	124.4	0.02	1.62	51.25	12	722	254	94					0	0	0	141
PL.8604	PL.29872	A	336ACSR	15.09Y	125.7	-0.00	0.27	19.72	4	281	98	94	0.21	0.0	4.619	0.151	0	0	0	68
		B		14.87Y	123.9	0.04	2.06	41.51	9	584	201	95					0	0	0	125
		C		14.92Y	124.4	0.03	1.64	51.25	12	722	254	94					0	0	0	141
PL.14523	PL.8604	A	336ACSR	15.09Y	125.7	-0.00	0.27	19.72	4	281	98	94	0.00	0.0	4.620	0.001	0	0	0	68
		B		14.87Y	123.9	0.00	2.06	41.51	9	584	200	95					0	0	0	125
		C		14.92Y	124.4	0.00	1.64	51.25	12	721	254	94					0	0	0	141
C PD.3692	PL.14523	A	fuse6AMP	15.09Y	125.7	0.00	0.27	19.72	337	281	98	94	0.00	0.0	4.620	0.000	0	0	0	68
C		B		14.87Y	123.9	0.00	2.06	41.51	709	584	200	95					0	0	0	125
C		C		14.92Y	124.4	0.00	1.64	51.25	875	721	254	94					0	0	0	141
PL.14524	PD.3692	A	336ACSR	15.09Y	125.7	-0.00	0.27	19.72	4	281	98	94	0.12	0.0	4.708	0.088	0	0	0	68
		B		14.87Y	123.9	0.02	2.09	41.51	9	584	200	95					0	0	0	125
		C		14.92Y	124.3	0.02	1.66	51.25	12	721	254	94					0	0	0	141
PL.24068	PL.14524	C	4ACSR	14.92Y	124.3	0.00	1.66	1.34	1	19	7	94	0.00	0.0	4.774	0.066	0	0	0	3
PL.15011	PL.24068	C	4ACSR	14.92Y	124.3	0.00	1.66	0.59	0	8	3	94	0.00	0.0	4.823	0.050	0	0	0	2
448269	PL.15011	C	Consumer	14.92Y	124.3	0.00	1.66	0.09	0	1	0	100	0.00	0.0	4.823	0.000	1	0	1	1
PL.15012	PL.15011	C	4ACSR	14.92Y	124.3	0.00	1.66	0.51	0	7	2	96	0.00	0.0	4.867	0.043	0	0	0	1
449254	PL.15012	C	Consumer	14.92Y	124.3	0.00	1.66	0.51	0	7	2	96	0.00	0.0	4.867	0.000	7	2	1	1
448266	PL.24068	C	Consumer	14.92Y	124.3	0.00	1.66	0.75	0	11	4	94	0.00	0.0	4.774	0.000	11	4	1	1
PL.43240	PL.14524	A	336ACSR	15.09Y	125.7	0.00	0.27	19.72	4	281	98	94	0.02	0.0	4.722	0.014	0	0	0	68
		B		14.87Y	123.9	0.00	2.09	41.51	9	584	200	95					0	0	0	125
		C		14.92Y	124.3	0.00	1.66	49.91	11	703	247	94					0	0	0	138
PL.43239	PL.43240	C	2ACSR	14.92Y	124.3	0.00	1.66	0.33	0	5	2	93	0.00	0.0	4.734	0.012	0	0	0	1
PL.43242	PL.43239	C	2ACSR	14.92Y	124.3	0.00	1.66	0.33	0	5	2	93	0.00	0.0	4.790	0.057	0	0	0	1
4482080	PL.43242	C	Consumer	14.92Y	124.3	0.00	1.66	0.33	0	5	2	93	0.00	0.0	4.790	0.000	5	2	1	1
PL.43241	PL.43240	A	336ACSR	15.09Y	125.7	0.00	0.27	19.72	4	281	98	94	0.06	0.0	4.765	0.043	0	0	0	68
		B		14.87Y	123.9	0.01	2.10	41.51	9	584	200	95					0	0	0	125
		C		14.92Y	124.3	0.01	1.67	49.57	11	698	245	94					0	0	0	137
PL.40304	PL.43241	A	1/0EPRJCN	15.09Y	125.7	0.00	0.27	0.30	0	4	0	100	0.00	0.0	4.832	0.067	0	0	0	2
PL.40305	PL.40304	A	1/0EPRJCN	15.09Y	125.7	0.00	0.27	0.30	0	4	1	97	0.00	0.0	4.860	0.028	0	0	0	2
4492065	PL.40305	A	Consumer	15.09Y	125.7	0.00	0.27	0.00	0	0	0	100	0.00	0.0	4.860	0.000	0	0	1	1
4492064	PL.40305	A	Consumer	15.09Y	125.7	0.00	0.27	0.31	0	4	2	89	0.00	0.0	4.860	0.000	4	2	1	1
PL.40301	PL.43241	C	1/0EPRJCN	14.92Y	124.3	0.00	1.67	1.22	1	18	5	96	0.00	0.0	4.818	0.053	0	0	0	3
4482074	PL.40301	C	Consumer	14.92Y	124.3	0.00	1.67	0.33	0	5	2	93	0.00	0.0	4.818	0.000	5	2	1	1
PL.40302	PL.40301	C	1/0EPRJCN	14.92Y	124.3	0.00	1.67	0.90	0	13	4	96	0.00	0.0	4.850	0.033	0	0	0	2
4482078	PL.40302	C	Consumer	14.92Y	124.3	0.00	1.67	0.36	0	5	2	93	0.00	0.0	4.850	0.000	5	2	1	1
4482077	PL.40302	C	Consumer	14.92Y	124.3	0.00	1.67	0.56	0	8	3	94	0.00	0.0	4.850	0.000	8	3	1	1
PL.36767	PL.43241	A	336ACSR	15.09Y	125.7	0.00	0.27	19.45	4	276	99	94	0.07	0.0	4.820	0.055	0	0	0	66
		B		14.87Y	123.9	0.01	2.11	41.51	9	584	200	95					0	0	0	125
		C		14.92Y	124.3	0.01	1.68	48.36	11	680	241	94					0	0	0	134
PL.14823	PL.36767	C	4ACSR	14.92Y	124.3	0.00	1.68	0.20	0	3	1	95	0.00	0.0	4.827	0.007	0	0	0	2
PD.1487	PL.14823	C	fuse6AMP	14.92Y	124.3	0.00	1.68	0.20	3	3	1	95	0.00	0.0	4.827	0.000	0	0	0	2

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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.14824, 448214, 448237, 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	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.27018	PL.27030	C	4ACSR	14.91Y	124.2	0.00	1.78	1.59	1	22	8	94	0.00	0.0	5.398	0.008	0	0	0	3
PD.2583	PL.27018	C	fuse6AMP	14.91Y	124.2	0.00	1.78	1.59	27	22	8	94	0.00	0.0	5.398	0.000	0	0	0	3
PL.17173	PD.2583	C	4ACSR	14.91Y	124.2	0.00	1.78	1.59	1	22	8	94	0.00	0.0	5.445	0.047	0	0	0	3
020313	PL.17173	C	Consumer	14.91Y	124.2	0.00	1.78	0.55	0	8	3	94	0.00	0.0	5.445	0.000	8	3	1	1
020330	PL.17173	C	Consumer	14.91Y	124.2	0.00	1.78	0.71	0	10	3	96	0.00	0.0	5.445	0.000	10	3	1	1
PL.17854	PL.17173	C	4ACSR	14.91Y	124.2	0.00	1.78	0.33	0	5	2	93	0.00	0.0	5.485	0.041	0	0	0	1
020329	PL.17854	C	Consumer	14.91Y	124.2	0.00	1.78	0.33	0	5	2	93	0.00	0.0	5.485	0.000	5	2	1	1
020323	PL.17854	C	Consumer	14.91Y	124.2	0.00	1.78	0.00	0	0	0	100	0.00	0.0	5.485	0.000	0	0	0	0
PL.27031	PL.27030	A	336ACSR	15.09Y	125.7	-0.00	0.27	16.29	4	232	82	94	0.11	0.0	5.482	0.092	0	0	0	54
		B		14.85Y	123.7	0.02	2.28	40.15	9	564	193	95					0	0	0	118
		C		14.90Y	124.2	0.02	1.79	46.57	11	655	231	94					0	0	0	129
PD.211-A	PL.27031	A	Closed	15.09Y	125.7	0.00	0.27	16.29	0	232	82	94	0.00	0.0	5.482	0.000	0	0	0	54
		B		14.85Y	123.7	0.00	2.28	40.15	0	564	193	95					0	0	0	118
		C		14.90Y	124.2	0.00	1.79	46.57	0	655	230	94					0	0	0	129
PD.211-B	PD.211-A	A	Closed	15.09Y	125.7	0.00	0.27	16.29	0	232	82	94	0.00	0.0	5.482	0.000	0	0	0	54
		B		14.85Y	123.7	0.00	2.28	40.15	0	564	193	95					0	0	0	118
		C		14.90Y	124.2	0.00	1.79	46.57	0	655	230	94					0	0	0	129
PL.27019	PD.211-B	A	336ACSR	15.09Y	125.7	-0.00	0.27	16.29	4	232	82	94	0.07	0.0	5.543	0.061	0	0	0	54
		B		14.84Y	123.7	0.01	2.29	40.15	9	564	193	95					0	0	0	118
		C		14.90Y	124.2	0.01	1.80	46.57	11	655	230	94					0	0	0	129
020307	PL.27019	A	Consumer	15.09Y	125.7	0.00	0.27	0.04	0	1	0	100	0.00	0.0	5.543	0.000	1	0	1	1
PL.5997	PL.27019	A	336ACSR	15.09Y	125.7	-0.00	0.27	16.25	4	231	82	94	0.10	0.0	5.624	0.081	0	0	0	53
		B		14.84Y	123.7	0.02	2.31	40.15	9	564	193	95					0	0	0	118
		C		14.90Y	124.2	0.01	1.82	46.57	11	655	230	94					0	0	0	129
PL.17855	PL.5997	A	4ACSR	15.09Y	125.7	0.00	0.27	0.04	0	1	0	100	0.00	0.0	5.632	0.008	0	0	0	1
PD.2586	PL.17855	A	fuse6AMP	15.09Y	125.7	0.00	0.27	0.04	1	1	0	100	0.00	0.0	5.632	0.000	0	0	0	1
PL.17856	PD.2586	A	4ACSR	15.09Y	125.7	0.00	0.27	0.04	0	1	0	100	0.00	0.0	5.675	0.043	0	0	0	1
020325	PL.17856	A	Consumer	15.09Y	125.7	0.00	0.27	0.04	0	1	0	100	0.00	0.0	5.675	0.000	1	0	1	1
PL.27029	PL.5997	A	336ACSR	15.09Y	125.7	-0.00	0.27	16.20	4	230	82	94	0.23	0.0	5.819	0.195	0	0	0	52
		B		14.84Y	123.6	0.05	2.36	40.15	9	564	193	95					0	0	0	118
		C		14.90Y	124.2	0.03	1.85	46.57	11	655	230	94					0	0	0	129
PL.27020	PL.27029	A	4ACSR	15.09Y	125.7	0.00	0.27	0.54	0	8	3	94	0.00	0.0	5.823	0.004	0	0	0	1
PD.2587	PL.27020	A	fuse6AMP	15.09Y	125.7	0.00	0.27	0.54	9	8	3	94	0.00	0.0	5.823	0.000	0	0	0	1
PL.14782	PD.2587	A	4ACSR	15.09Y	125.7	0.00	0.27	0.54	0	8	3	94	0.00	0.0	5.830	0.007	0	0	0	1
PL.14783	PL.14782	A	4ACSR	15.09Y	125.7	0.00	0.27	0.54	0	8	3	94	0.00	0.0	5.901	0.070	0	0	0	1
0203036	PL.14783	A	Consumer	15.09Y	125.7	0.00	0.27	0.54	0	8	3	94	0.00	0.0	5.901	0.000	8	3	1	1
020333	PL.27029	A	Consumer	15.09Y	125.7	0.00	0.27	0.00	0	0	0	100	0.00	0.0	5.819	0.000	0	0	0	0
PL.15006	PL.27029	A	336ACSR	15.09Y	125.7	-0.00	0.26	15.66	4	223	79	94	0.20	0.0	5.988	0.169	0	0	0	51
		B		14.83Y	123.6	0.04	2.40	40.15	9	564	193	95					0	0	0	118
		C		14.89Y	124.1	0.03	1.88	46.57	11	655	230	94					0	0	0	129
PL.14784	PL.15006	A	2ACSR	15.09Y	125.7	0.01	0.28	5.79	4	82	30	94	0.01	0.0	6.148	0.160	0	0	0	17
		B		14.83Y	123.6	-0.00	2.40	0.43	0	6	3	90					0	0	0	0
		C		14.89Y	124.1	0.00	1.88	0.43	0	6	3	90					0	0	0	0
PL.27032	PL.14784	A	2ACSR	15.09Y	125.7	0.01	0.29	5.73	4	81	30	94	0.01	0.0	6.276	0.128	0	0	0	16
		B		14.83Y	123.6	-0.00	2.40	0.43	0	6	3	90					0	0	0	0
		C		14.89Y	124.1	0.00	1.88	0.43	0	6	3	90					0	0	0	0

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

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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						
020321	PL.27032	A	Consumer	15.09Y	125.7	0.00	0.29	0.42	0	6	3	89	0.00	0.0	6.276	0.000	6	3	0	0
		B		14.83Y	123.6	0.00	2.40	0.43	0	6	3	90			6		6	3	0	0
		C		14.89Y	124.1	0.00	1.88	0.43	0	6	3	90			6		6	3	0	0
PL.6206	PL.27032	A	4ACSR	15.08Y	125.7	0.02	0.31	5.30	4	75	27	94	0.01	0.0	6.408	0.132	0	0	0	16
020320	PL.6206	A	Consumer	15.08Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	6.408	0.000	0	0	1	1
PL.6207	PL.6206	A	4ACSR	15.08Y	125.7	0.00	0.31	4.89	4	69	25	94	0.00	0.0	6.451	0.043	0	0	0	13
PL.6212	PL.6207	A	4ACSR	15.08Y	125.7	0.01	0.32	4.76	4	68	24	94	0.00	0.0	6.517	0.066	0	0	0	12
PL.6213	PL.6212	A	4ACSR	15.08Y	125.7	0.01	0.33	4.40	4	62	23	94	0.01	0.0	6.636	0.119	0	0	0	11
020314	PL.6213	A	Consumer	15.08Y	125.7	0.00	0.33	0.05	0	1	0	100	0.00	0.0	6.636	0.000	1	0	1	1
PL.1795	PL.6213	A	4ACSR	15.08Y	125.7	0.00	0.33	1.22	1	17	6	94	0.00	0.0	6.707	0.071	0	0	0	2
PL.46088	PL.1795	A	2ACSR	15.08Y	125.7	0.00	0.33	0.00	0	0	0	100	0.00	0.0	6.784	0.077	0	0	0	0
0203038	PL.46088	A	Consumer	15.08Y	125.7	0.00	0.33	0.00	0	0	0	100	0.00	0.0	6.784	0.000	0	0	0	0
020317	PL.1795	A	Consumer	15.08Y	125.7	0.00	0.33	0.46	0	6	2	95	0.00	0.0	6.707	0.000	6	2	1	1
0203037	020317	A	Consumer	15.08Y	125.7	0.00	0.33	0.00	0	0	0	100	0.00	0.0	6.707	0.000	0	0	0	0
020310	PL.1795	A	Consumer	15.08Y	125.7	0.00	0.33	0.77	0	11	4	94	0.00	0.0	6.707	0.000	11	4	1	1
PL.6211	PL.6213	A	4ACSR	15.08Y	125.7	0.00	0.33	3.14	3	44	16	94	0.00	0.0	6.655	0.019	0	0	0	8
PL.6210	PL.6211	A	4ACSR	15.08Y	125.7	0.00	0.34	3.14	3	44	16	94	0.00	0.0	6.720	0.065	0	0	0	8
020312	PL.6210	A	Consumer	15.08Y	125.7	0.00	0.34	0.41	0	6	2	95	0.00	0.0	6.720	0.000	6	2	1	1
020305	PL.6210	A	Consumer	15.08Y	125.7	0.00	0.34	0.00	0	0	0	100	0.00	0.0	6.720	0.000	0	0	0	0
PL.6209	PL.6210	A	4ACSR	15.08Y	125.7	0.00	0.34	2.73	2	39	14	94	0.00	0.0	6.777	0.057	0	0	0	7
PL.17967	PL.6209	A	4ACSR	15.08Y	125.7	0.01	0.35	1.69	1	24	9	94	0.00	0.0	6.908	0.131	0	0	0	4
PL.1235	PL.17967	A	4ACSR	15.08Y	125.7	0.00	0.35	0.53	0	8	3	94	0.00	0.0	7.056	0.148	0	0	0	1
PL.24070	PL.1235	A	4ACSR	15.08Y	125.6	0.00	0.35	0.53	0	8	3	94	0.00	0.0	7.307	0.251	0	0	0	1
449311	PL.24070	A	Consumer	15.08Y	125.6	0.00	0.35	0.53	0	8	3	94	0.00	0.0	7.307	0.000	8	3	1	1
0203035	PL.17967	A	Consumer	15.08Y	125.7	0.00	0.35	0.52	0	7	3	92	0.00	0.0	6.908	0.000	7	3	1	1
PL.17968	PL.17967	A	4ACSR	15.08Y	125.7	0.00	0.35	0.64	1	9	3	95	0.00	0.0	7.023	0.115	0	0	0	2
PL.117	PL.17968	A	4ACSR	15.08Y	125.7	0.00	0.35	0.64	1	9	3	95	0.00	0.0	7.159	0.135	0	0	0	2
449310	PL.117	A	Consumer	15.08Y	125.7	0.00	0.35	0.26	0	4	1	97	0.00	0.0	7.159	0.000	4	1	1	1
449307	PL.117	A	Consumer	15.08Y	125.7	0.00	0.35	0.38	0	5	2	93	0.00	0.0	7.159	0.000	5	2	1	1
020327	PL.6209	A	Consumer	15.08Y	125.7	0.00	0.34	0.10	0	1	0	100	0.00	0.0	6.777	0.000	1	0	1	1
020331	PL.6209	A	Consumer	15.08Y	125.7	0.00	0.34	0.61	0	9	3	95	0.00	0.0	6.777	0.000	9	3	1	1
020319	PL.6209	A	Consumer	15.08Y	125.7	0.00	0.34	0.34	0	5	2	93	0.00	0.0	6.777	0.000	5	2	1	1
020324	PL.6209	A	Consumer	15.08Y	125.7	0.00	0.34	0.00	0	0	0	100	0.00	0.0	6.777	0.000	0	0	0	0
020318	PL.6212	A	Consumer	15.08Y	125.7	0.00	0.32	0.36	0	5	2	93	0.00	0.0	6.517	0.000	5	2	1	1
020309	PL.6207	A	Consumer	15.08Y	125.7	0.00	0.31	0.13	0	2	1	89	0.00	0.0	6.451	0.000	2	1	1	1
PL.27038	PL.6206	A	4ACSR	15.08Y	125.7	0.00	0.31	0.41	0	6	2	95	0.00	0.0	6.466	0.058	0	0	0	2
PL.1869	PL.27038	A	4ACSR	15.08Y	125.7	0.00	0.31	0.41	0	6	2	95	0.00	0.0	6.670	0.203	0	0	0	2
021334	PL.1869	A	Consumer	15.08Y	125.7	0.00	0.31	0.03	0	0	0	100	0.00	0.0	6.670	0.000	0	0	1	1
021333	PL.1869	A	Consumer	15.08Y	125.7	0.00	0.31	0.38	0	5	2	93	0.00	0.0	6.670	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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.27024, PD.2594, PL.27023, etc.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	KW	KVAR			
PL.14931	PD.3383	C	336ACSR	14.89Y	124.1	0.01	1.92	45.69	10	642	224	94	0.04	0.0	6.198	0.046	0	0	0	128	
PL.14935	PL.14931	C	336ACSR	14.89Y	124.1	0.01	1.93	45.69	10	642	224	94	0.03	0.0	6.235	0.037	0	0	0	128	
020334	PL.14935	C	Consumer	14.89Y	124.1	0.00	1.93	0.66	0	9	3	95	0.00	0.0	6.235	0.000	9	3	1	1	
PL.14934	PL.14935	C	336ACSR	14.89Y	124.1	0.02	1.95	45.04	10	633	221	94	0.05	0.0	6.294	0.059	0	0	0	127	
PL.33005	PL.14934	C	336ACSR	14.88Y	124.0	0.02	1.97	44.58	10	627	219	94	0.07	0.0	6.384	0.090	0	0	0	126	
PL.33004	PL.33005	C	336ACSR	14.88Y	124.0	0.02	1.99	43.91	10	617	215	94	0.05	0.0	6.445	0.061	0	0	0	125	
PL.1873	PL.33004	C	4ACSR	14.88Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	6.536	0.091	0	0	0	0	
PL.14928	PL.33004	C	4ACSR	14.88Y	124.0	0.01	2.00	43.91	37	617	215	94	0.05	0.0	6.456	0.011	0	0	0	125	
C PD.2591	PL.14928	C	fuse6AMP	14.88Y	124.0	0.00	2.00	43.91	750	617	215	94	0.00	0.0	6.456	0.000	0	0	0	125	
PL.14927	PD.2591	C	4ACSR	14.87Y	123.9	0.05	2.05	43.91	37	617	215	94	0.23	0.0	6.507	0.051	0	0	0	125	
PL.6208	PL.14927	C	4ACSR	14.87Y	123.9	0.05	2.10	43.20	36	607	211	94	0.22	0.0	6.556	0.048	0	0	0	123	
PL.14926	PL.6208	C	4ACSR	14.83Y	123.6	0.28	2.38	42.80	36	601	209	94	1.27	0.2	6.845	0.289	0	0	0	122	
PL.23772	PL.14926	C	4ACSR	14.83Y	123.6	0.00	2.38	0.51	0	7	2	96	0.00	0.0	6.958	0.112	0	0	0	1	
020221	PL.23772	C	Consumer	14.83Y	123.6	0.00	2.38	0.51	0	7	2	96	0.00	0.0	6.958	0.000	7	2	1	1	
PL.14925	PL.14926	C	4ACSR	14.83Y	123.6	0.04	2.42	42.29	36	593	206	94	0.19	0.0	6.889	0.044	0	0	0	121	
020223	PL.14925	C	Consumer	14.83Y	123.6	0.00	2.42	0.02	0	0	0	100	0.00	0.0	6.889	0.000	0	0	1	1	
020213	PL.14925	C	Consumer	14.83Y	123.6	0.00	2.42	1.12	0	16	5	95	0.00	0.0	6.889	0.000	16	5	1	1	
PL.14924	PL.14925	C	4ACSR	14.82Y	123.5	0.08	2.51	41.15	35	576	200	94	0.36	0.1	6.977	0.088	0	0	0	119	
PL.23775	PL.14924	C	4ACSR	14.82Y	123.5	0.00	2.51	0.48	0	7	2	96	0.00	0.0	7.038	0.061	0	0	0	1	
020222	PL.23775	C	Consumer	14.82Y	123.5	0.00	2.51	0.48	0	7	2	96	0.00	0.0	7.038	0.000	7	2	1	1	
PL.14923	PL.14924	C	4ACSR	14.82Y	123.5	0.03	2.53	40.67	34	569	198	94	0.11	0.0	7.005	0.028	0	0	0	118	
PL.14922	PL.14923	C	4ACSR	14.81Y	123.4	0.05	2.59	40.03	34	560	195	94	0.23	0.0	7.065	0.060	0	0	0	117	
020201	PL.14922	C	Consumer	14.81Y	123.4	0.00	2.59	0.47	0	7	2	96	0.00	0.0	7.065	0.000	7	2	1	1	
PL.6215	PL.14922	C	4ACSR	14.80Y	123.4	0.04	2.63	39.56	33	553	192	94	0.18	0.0	7.113	0.048	0	0	0	116	
PL.6214	PL.6215	C	4ACSR	14.80Y	123.3	0.03	2.66	38.99	33	545	189	94	0.12	0.0	7.146	0.033	0	0	0	115	
PL.14919	PL.6214	C	4ACSR	14.80Y	123.3	0.03	2.69	38.99	33	545	189	94	0.14	0.0	7.184	0.038	0	0	0	115	
PL.14920	PL.14919	C	4ACSR	14.80Y	123.3	0.00	2.69	0.75	1	10	4	93	0.00	0.0	7.197	0.013	0	0	0	3	
PD.167-A	PL.14920	C	Closed	14.80Y	123.3	0.00	2.69	0.75	0	10	4	93	0.00	0.0	7.197	0.000	0	0	0	3	
PD.167-B	PD.167-A	C	Closed	14.80Y	123.3	0.00	2.69	0.75	0	10	4	93	0.00	0.0	7.197	0.000	0	0	0	3	
PL.14921	PD.167-B	C	4ACSR	14.80Y	123.3	0.00	2.69	0.75	1	10	4	93	0.00	0.0	7.234	0.037	0	0	0	3	
PL.23774	PL.14921	C	4ACSR	14.80Y	123.3	0.00	2.69	0.26	0	4	1	97	0.00	0.0	7.281	0.047	0	0	0	2	
020220	PL.23774	C	Consumer	14.80Y	123.3	0.00	2.69	0.00	0	0	0	100	0.00	0.0	7.281	0.000	0	0	0	0	
020211	PL.23774	C	Consumer	14.80Y	123.3	0.00	2.69	0.26	0	4	1	97	0.00	0.0	7.281	0.000	4	1	1	1	
020219	PL.23774	C	Consumer	14.80Y	123.3	0.00	2.69	0.00	0	0	0	100	0.00	0.0	7.281	0.000	0	0	1	1	
020214	PL.14921	C	Consumer	14.80Y	123.3	0.00	2.69	0.49	0	7	2	96	0.00	0.0	7.234	0.000	7	2	1	1	
PL.14918	PL.14919	C	4ACSR	14.79Y	123.3	0.03	2.72	37.86	32	529	184	94	0.10	0.0	7.213	0.030	0	0	0	111	
PL.1859	PL.14918	C	4ACSR	14.79Y	123.3	0.00	2.72	0.59	0	8	3	94	0.00	0.0	7.359	0.145	0	0	0	1	
020205	PL.1859	C	Consumer	14.79Y	123.3	0.00	2.72	0.59	0	8	3	94	0.00	0.0	7.359	0.000	8	3	1	1	

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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	36.99	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	34.74	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

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR											
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
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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						
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\EXISTING JUL05 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.

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\EXISTING JUL05 CWP.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-'.

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\EXISTING JUL05 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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.587	PL.586	C	4ACSR	14.73Y	122.8	0.00	3.22	0.73	1	10	4	93	0.00	0.0	8.140	0.077	0	0	0	1
010907	PL.587	C	Consumer	14.73Y	122.8	0.00	3.22	0.73	0	10	4	93	0.00	0.0	8.140	0.000	10	4	1	1
PL.514	PL.586	C	4ACSR	14.73Y	122.8	0.00	3.22	0.39	0	5	2	93	0.00	0.0	8.239	0.176	0	0	0	3
010904	PL.514	C	Consumer	14.73Y	122.8	0.00	3.22	0.11	0	2	1	89	0.00	0.0	8.239	0.000	2	1	1	1
010903	PL.514	C	Consumer	14.73Y	122.8	0.00	3.22	0.14	0	2	1	89	0.00	0.0	8.239	0.000	2	1	1	1
010915	PL.514	C	Consumer	14.73Y	122.8	0.00	3.22	0.15	0	2	1	89	0.00	0.0	8.239	0.000	2	1	1	1
PL.594	PL.514	C	4ACSR	14.73Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	8.325	0.086	0	0	0	0
0109021	PL.594	C	Consumer	14.73Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	8.325	0.000	0	0	0	0
010916	PL.594	C	Consumer	14.73Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	8.325	0.000	0	0	0	0
010902	PL.586	C	Consumer	14.73Y	122.8	0.00	3.22	0.16	0	2	1	89	0.00	0.0	8.063	0.000	2	1	1	1
PL.588	PL.14643	C	4ACSR	14.73Y	122.8	0.00	3.22	0.05	0	1	0	100	0.00	0.0	8.055	0.041	0	0	0	1
010909	PL.588	C	Consumer	14.73Y	122.8	0.00	3.22	0.05	0	1	0	100	0.00	0.0	8.055	0.000	1	0	1	1
010918	PL.14643	C	Consumer	14.73Y	122.8	0.00	3.22	0.55	0	8	3	94	0.00	0.0	8.014	0.000	8	3	1	1
PL.23541	PL.14642	C	4ACSR	14.73Y	122.8	0.01	3.21	4.46	4	62	21	95	0.00	0.0	7.966	0.086	0	0	0	11
PL.28992	PL.23541	C	4ACSR	14.73Y	122.8	0.00	3.21	4.46	4	62	21	95	0.00	0.0	7.988	0.023	0	0	0	11
PL.28993	PL.28992	C	4ACSR	14.73Y	122.8	0.00	3.21	4.46	4	62	21	95	0.00	0.0	7.988	0.000	0	0	0	11
449223	PL.28993	C	Consumer	14.73Y	122.8	0.00	3.21	0.43	0	6	2	95	0.00	0.0	7.988	0.000	6	2	1	1
449211	PL.28993	C	Consumer	14.73Y	122.8	0.00	3.21	0.68	0	9	3	95	0.00	0.0	7.988	0.000	9	3	1	1
449216	PL.28993	C	Consumer	14.73Y	122.8	0.00	3.21	0.21	0	3	1	95	0.00	0.0	7.988	0.000	3	1	1	1
449210	PL.28993	C	Consumer	14.73Y	122.8	0.00	3.21	0.41	0	6	2	95	0.00	0.0	7.988	0.000	6	2	1	1
PL.29055	PL.28993	C	4ACSR	14.73Y	122.8	0.00	3.21	1.92	2	27	8	96	0.00	0.0	8.043	0.055	0	0	0	6
PL.29056	PL.29055	C	4ACSR	14.73Y	122.8	0.00	3.21	1.31	1	19	6	95	0.00	0.0	8.043	0.000	0	0	0	5
PL.1857	PL.29056	C	4ACSR	14.73Y	122.8	0.00	3.22	1.31	1	19	6	95	0.00	0.0	8.167	0.125	0	0	0	5
020218	PL.1857	C	Consumer	14.73Y	122.8	0.00	3.22	0.45	0	6	2	95	0.00	0.0	8.167	0.000	6	2	1	1
020216	PL.1857	C	Consumer	14.73Y	122.8	0.00	3.22	0.16	0	2	1	89	0.00	0.0	8.167	0.000	2	1	1	1
PL.41688	PL.1857	C	4ACSR	14.73Y	122.8	0.00	3.22	0.70	1	10	3	96	0.00	0.0	8.211	0.043	0	0	0	3
PL.41687	PL.41688	C	2ACSR	14.73Y	122.8	0.00	3.22	0.14	0	2	0	100	0.00	0.0	8.341	0.130	0	0	0	2
PL.45156	PL.41687	C	2ACSR	14.73Y	122.8	-0.00	3.22	-0.06	0	0	-1	0	0.00	0.0	8.612	0.271	0	0	0	1
PL.45834	PL.45156	C	1/0EPRJCN	14.73Y	122.8	-0.00	3.22	-0.06	0	0	-1	0	0.00	0.0	8.660	0.048	0	0	0	0
0119001	PL.45834	C	Consumer	14.73Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	8.660	0.000	0	0	0	0
0109022	PL.45156	C	Consumer	14.73Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	8.612	0.000	0	0	1	1
0202026	PL.41687	C	Consumer	14.73Y	122.8	0.00	3.22	0.15	0	2	1	89	0.00	0.0	8.341	0.000	2	1	1	1
PL.41689	PL.41688	C	4ACSR	14.73Y	122.8	0.00	3.22	0.58	0	8	3	94	0.00	0.0	8.273	0.062	0	0	0	1
010906	PL.41689	C	Consumer	14.73Y	122.8	0.00	3.22	0.58	0	8	3	94	0.00	0.0	8.273	0.000	8	3	1	1
020217	PL.29055	C	Consumer	14.73Y	122.8	0.00	3.21	0.61	0	8	3	94	0.00	0.0	8.043	0.000	8	3	1	1
PL.24053	PL.28993	C	4ACSR	14.73Y	122.8	0.00	3.21	0.81	1	11	4	94	0.00	0.0	8.015	0.027	0	0	0	1
PL.23543	PL.24053	C	4ACSR	14.73Y	122.8	0.00	3.21	0.81	1	11	4	94	0.00	0.0	8.053	0.038	0	0	0	1
439930	PL.23543	C	Consumer	14.73Y	122.8	0.00	3.21	0.81	0	11	4	94	0.00	0.0	8.053	0.000	11	4	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 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							
439931	PL.14642	C	Consumer	14.74Y	122.8	0.00	3.20	0.37	0	5	2	93	0.00	0.0	7.880	0.000	5	2	1	1
PL.31028	PL.19970	C	4ACSR	14.74Y	122.8	0.00	3.19	0.81	1	11	4	94	0.00	0.0	7.883	0.042	0	0	0	3
4399053	PL.31028	C	Consumer	14.74Y	122.8	0.00	3.19	0.37	0	5	2	93	0.00	0.0	7.883	0.000	5	2	1	1
4399054	PL.31028	C	Consumer	14.74Y	122.8	0.00	3.19	0.40	0	6	2	95	0.00	0.0	7.883	0.000	6	2	1	1
439940	PL.31028	C	Consumer	14.74Y	122.8	0.00	3.19	0.04	0	1	0	100	0.00	0.0	7.883	0.000	1	0	1	1
439949	PL.19969	C	Consumer	14.74Y	122.8	0.00	3.18	0.36	0	5	2	93	0.00	0.0	7.827	0.000	5	2	1	1
439942	PL.19969	C	Consumer	14.74Y	122.8	0.00	3.18	0.41	0	6	2	95	0.00	0.0	7.827	0.000	6	2	1	1
PL.6722	PL.97	C	4ACSR	14.74Y	122.8	0.00	3.18	1.70	1	24	8	95	0.00	0.0	7.843	0.033	0	0	0	5
439944	PL.6722	C	Consumer	14.74Y	122.8	0.00	3.18	0.39	0	5	2	93	0.00	0.0	7.843	0.000	5	2	1	1
PL.6723	PL.6722	C	4ACSR	14.74Y	122.8	0.00	3.18	1.30	1	18	6	95	0.00	0.0	7.875	0.032	0	0	0	4
439945	PL.6723	C	Consumer	14.74Y	122.8	0.00	3.18	0.25	0	4	1	97	0.00	0.0	7.875	0.000	4	1	1	1
PL.2676	PL.6723	C	4ACSR	14.74Y	122.8	0.00	3.18	1.05	1	15	5	95	0.00	0.0	7.926	0.051	0	0	0	3
PL.6461	PL.2676	C	4ACSR	14.74Y	122.8	0.00	3.18	1.05	1	15	5	95	0.00	0.0	7.954	0.028	0	0	0	3
PL.6462	PL.6461	C	4ACSR	14.74Y	122.8	0.00	3.18	0.49	0	7	2	96	0.00	0.0	8.016	0.063	0	0	0	2
449242	PL.6462	C	Consumer	14.74Y	122.8	0.00	3.18	0.29	0	4	1	97	0.00	0.0	8.016	0.000	4	1	1	1
PL.6463	PL.6462	C	4ACSR	14.74Y	122.8	0.00	3.18	0.20	0	3	1	95	0.00	0.0	8.132	0.116	0	0	0	1
PL.24066	PL.6463	C	4ACSR	14.74Y	122.8	0.00	3.18	0.20	0	3	1	95	0.00	0.0	8.185	0.053	0	0	0	1
449247	PL.24066	C	Consumer	14.74Y	122.8	0.00	3.18	0.20	0	3	1	95	0.00	0.0	8.185	0.000	3	1	1	1
449237	PL.6461	C	Consumer	14.74Y	122.8	0.00	3.18	0.56	0	8	3	94	0.00	0.0	7.954	0.000	8	3	1	1
449232	PL.26422	C	Consumer	14.76Y	123.0	0.00	2.97	0.00	0	0	0	100	0.00	0.0	7.514	0.000	0	0	0	0
449207	PL.26422	C	Consumer	14.76Y	123.0	0.00	2.97	0.43	0	6	2	95	0.00	0.0	7.514	0.000	6	2	1	1
4492057	PL.26424	C	Consumer	14.77Y	123.1	0.00	2.93	0.00	0	0	0	100	0.00	0.0	7.473	0.000	0	0	0	0
449227	PL.26424	C	Consumer	14.77Y	123.1	0.00	2.93	0.40	0	6	2	95	0.00	0.0	7.473	0.000	6	2	1	1
449235	PL.26424	C	Consumer	14.77Y	123.1	0.00	2.93	0.10	0	1	0	100	0.00	0.0	7.473	0.000	1	0	1	1
449201	PL.26424	C	Consumer	14.77Y	123.1	0.00	2.93	0.35	0	5	2	93	0.00	0.0	7.473	0.000	5	2	1	1
PL.40931	PL.14916	C	4ACSR	14.78Y	123.1	0.00	2.87	0.47	0	7	2	96	0.00	0.0	7.398	0.009	0	0	0	1
PD.7295	PL.40931	C	fuse6AMP	14.78Y	123.1	0.00	2.87	0.47	8	7	2	96	0.00	0.0	7.398	0.000	0	0	0	1
PL.40932	PD.7295	C	4ACSR	14.78Y	123.1	0.00	2.87	0.47	0	7	2	96	0.00	0.0	7.477	0.078	0	0	0	1
449255	PL.40932	C	Consumer	14.78Y	123.1	0.00	2.87	0.47	0	7	2	96	0.00	0.0	7.477	0.000	7	2	1	1
PL.40933	PL.14916	C	2ACSR	14.78Y	123.1	0.00	2.87	0.15	0	2	1	89	0.00	0.0	7.408	0.018	0	0	0	1
PD.7296	PL.40933	C	fuse6AMP	14.78Y	123.1	0.00	2.87	0.15	3	2	1	89	0.00	0.0	7.408	0.000	0	0	0	1
PL.40934	PD.7296	C	2ACSR	14.78Y	123.1	0.00	2.87	0.15	0	2	1	89	0.00	0.0	7.587	0.179	0	0	0	1
4492063	PL.40934	C	Consumer	14.78Y	123.1	0.00	2.87	0.15	0	2	1	89	0.00	0.0	7.587	0.000	2	1	1	1
4492059	PL.14917	C	Consumer	14.79Y	123.2	0.00	2.78	0.29	0	4	1	97	0.00	0.0	7.291	0.000	4	1	1	1
PL.26423	PL.26772	C	4ACSR	14.79Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	7.269	0.000	0	0	0	0
PL.1860	PL.14919	C	4ACSR	14.80Y	123.3	0.00	2.69	0.38	0	5	2	93	0.00	0.0	7.331	0.147	0	0	0	1
020215	PL.1860	C	Consumer	14.80Y	123.3	0.00	2.69	0.38	0	5	2	93	0.00	0.0	7.331	0.000	5	2	1	1
020208	PL.6215	C	Consumer	14.80Y	123.4	0.00	2.63	0.57	0	8	3	94	0.00	0.0	7.113	0.000	8	3	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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\EXISTING JUL05 CWP.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 021226, PL.29054, etc.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.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: HOPE

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\SUMMER\EXISTING JUL05 CWP.WM\
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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-----				
							-Base Voltage:120.0- Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
022223	PL.23769	B	Consumer	14.79Y	123.2	0.00	2.78	0.73	0	10	4	93	0.00	0.0	7.623	0.000	10	4	1	1
PL.29064	PL.14986	B	4ACSR	14.79Y	123.2	0.00	2.78	1.41	1	20	7	94	0.00	0.0	7.703	0.142	0	0	0	4
PL.29065	PL.29064	B	4ACSR	14.79Y	123.2	0.00	2.78	1.41	1	20	7	94	0.00	0.0	7.703	0.001	0	0	0	4
PL.6225	PL.29065	B	4ACSR	14.79Y	123.2	0.00	2.79	1.41	1	20	7	94	0.00	0.0	7.738	0.035	0	0	0	4
022226	PL.6225	B	Consumer	14.79Y	123.2	0.00	2.79	0.44	0	6	2	95	0.00	0.0	7.738	0.000	6	2	1	1
PL.5998	PL.6225	B	4ACSR	14.79Y	123.2	0.00	2.79	0.97	1	14	5	94	0.00	0.0	7.779	0.041	0	0	0	3
PL.5999	PL.5998	B	4ACSR	14.79Y	123.2	0.00	2.79	0.79	1	11	4	94	0.00	0.0	7.848	0.069	0	0	0	2
PL.6216	PL.5999	B	4ACSR	14.79Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	7.882	0.034	0	0	0	0
021235	PL.5999	B	Consumer	14.79Y	123.2	0.00	2.79	0.33	0	5	2	93	0.00	0.0	7.848	0.000	5	2	1	1
021229	PL.5999	B	Consumer	14.79Y	123.2	0.00	2.79	0.46	0	6	2	95	0.00	0.0	7.848	0.000	6	2	1	1
022245	PL.5998	B	Consumer	14.79Y	123.2	0.00	2.79	0.18	0	3	1	95	0.00	0.0	7.779	0.000	3	1	1	1
022240	PL.29065	B	Consumer	14.79Y	123.2	0.00	2.78	0.00	0	0	0	100	0.00	0.0	7.703	0.000	0	0	0	0
0222062	PL.14986	B	Consumer	14.79Y	123.2	0.00	2.78	0.00	0	0	0	100	0.00	0.0	7.561	0.000	0	0	0	0
022244	PL.14986	B	Consumer	14.79Y	123.2	0.00	2.78	0.40	0	6	2	95	0.00	0.0	7.561	0.000	6	2	1	1
022227	PL.14984	B	Consumer	14.79Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	7.415	0.000	0	0	0	0
PL.6196	PL.14983	B	4ACSR	14.79Y	123.2	0.00	2.76	2.55	2	37	8	98	0.00	0.0	7.405	0.036	0	0	0	8
PL.6197	PL.6196	B	4ACSR	14.79Y	123.2	0.00	2.77	2.01	2	29	6	98	0.00	0.0	7.452	0.047	0	0	0	6
PL.14990	PL.6197	B	4ACSR	14.79Y	123.2	0.00	2.77	0.60	1	9	-1	-99	0.00	0.0	7.521	0.069	0	0	0	3
PL.14991	PL.14990	B	1/0EPRJCN	14.79Y	123.2	0.00	2.77	0.33	0	4	-3	-80	0.00	0.0	7.546	0.025	0	0	0	1
PL.14992	PL.14991	B	1/0EPRJCN	14.79Y	123.2	0.00	2.77	0.32	0	4	-3	-80	0.00	0.0	7.584	0.038	0	0	0	1
PL.14993	PL.14992	B	1/0EPRJCN	14.79Y	123.2	0.00	2.77	0.27	0	4	-1	-97	0.00	0.0	7.623	0.040	0	0	0	1
PL.1867	PL.14993	B	1/0EPRJCN	14.79Y	123.2	0.00	2.77	0.26	0	4	0	100	0.00	0.0	7.714	0.091	0	0	0	1
022234	PL.1867	B	Consumer	14.79Y	123.2	0.00	2.77	0.27	0	4	1	97	0.00	0.0	7.714	0.000	4	1	1	1
PL.45897	PL.14992	B	1/0EPRJCN	14.79Y	123.2	-0.00	2.77	-0.07	0	0	-1	0	0.00	0.0	7.638	0.054	0	0	0	0
0232050	PL.45897	B	Consumer	14.79Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	7.638	0.000	0	0	0	0
PL.1871	PL.14990	B	4ACSR	14.79Y	123.2	0.00	2.77	0.35	0	5	2	93	0.00	0.0	7.550	0.029	0	0	0	1
022236	PL.1871	B	Consumer	14.79Y	123.2	0.00	2.77	0.35	0	5	2	93	0.00	0.0	7.550	0.000	5	2	1	1
022229	PL.14990	B	Consumer	14.79Y	123.2	0.00	2.77	0.01	0	0	0	100	0.00	0.0	7.521	0.000	0	0	1	1
022218	PL.6197	B	Consumer	14.79Y	123.2	0.00	2.77	0.64	0	9	3	95	0.00	0.0	7.452	0.000	9	3	1	1
022224	PL.6197	B	Consumer	14.79Y	123.2	0.00	2.77	0.56	0	8	3	94	0.00	0.0	7.452	0.000	8	3	1	1
022216	PL.6197	B	Consumer	14.79Y	123.2	0.00	2.77	0.26	0	4	1	97	0.00	0.0	7.452	0.000	4	1	1	1
022221	PL.6196	B	Consumer	14.79Y	123.2	0.00	2.76	0.55	0	8	3	94	0.00	0.0	7.405	0.000	8	3	1	1
022241	PL.6196	B	Consumer	14.79Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	7.405	0.000	0	0	1	1
022232	PL.14978	B	Consumer	14.79Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	7.215	0.000	0	0	0	0
022239	PL.14979	B	Consumer	14.79Y	123.3	0.00	2.72	0.27	0	4	1	97	0.00	0.0	7.164	0.000	4	1	1	1
PL.18234	PL.19066	B	4ACSR	14.80Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	7.082	0.006	0	0	0	0
PD.209-B	PL.18234	B	Open	14.80Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	7.082	0.000	0	0	0	0
021243	PL.19067	B	Consumer	14.80Y	123.3	0.00	2.68	0.33	0	5	2	93	0.00	0.0	7.017	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