

Unbalanced Voltage Drop Report
Source: REID VILLAGE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
587606	PL.26506	A	Consumer	7.50Y	125.1	0.00	0.94	0.40	0	3	1	95	0.00	0.0	0.617	0.000	3	1	1	1
PL.23096	PL.26506	A	4ACSR	7.50Y	125.1	0.00	0.94	1.91	2	13	5	93	0.00	0.0	0.657	0.040	0	0	0	4
587602	PL.23096	A	Consumer	7.50Y	125.1	0.00	0.94	0.66	0	5	2	93	0.00	0.0	0.657	0.000	5	2	1	1
587616	PL.23096	A	Consumer	7.50Y	125.1	0.00	0.94	0.06	0	0	0	100	0.00	0.0	0.657	0.000	0	0	1	1
587604	PL.23096	A	Consumer	7.50Y	125.1	0.00	0.94	0.48	0	3	1	95	0.00	0.0	0.657	0.000	3	1	1	1
587607	PL.23096	A	Consumer	7.50Y	125.1	0.00	0.94	0.71	0	5	2	93	0.00	0.0	0.657	0.000	5	2	1	1
587614	PL.23096	A	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	0.657	0.000	0	0	0	0
PL.26507	PL.26506	A	4ACSR	7.50Y	125.1	0.01	0.94	2.84	2	20	8	93	0.00	0.0	0.670	0.053	0	0	0	4
PL.7552	PL.26507	A	4ACSR	7.50Y	125.1	0.00	0.95	1.74	1	12	5	92	0.00	0.0	0.703	0.033	0	0	0	2
587609	PL.7552	A	Consumer	7.50Y	125.1	0.00	0.95	0.41	0	3	1	95	0.00	0.0	0.703	0.000	3	1	1	1
587613	PL.7552	A	Consumer	7.50Y	125.1	0.00	0.95	1.33	0	9	4	91	0.00	0.0	0.703	0.000	9	4	1	1
PL.7553	PL.7552	A	4ACSR	7.50Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	0.748	0.045	0	0	0	0
588603	PL.7553	A	Consumer	7.50Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	0.748	0.000	0	0	0	0
588601	PL.26507	A	Consumer	7.50Y	125.1	0.00	0.94	0.42	0	3	1	95	0.00	0.0	0.670	0.000	3	1	1	1
588602	PL.26507	A	Consumer	7.50Y	125.1	0.00	0.94	0.68	0	5	2	93	0.00	0.0	0.670	0.000	5	2	1	1
586613	PL.26503	A	Consumer	7.51Y	125.1	0.00	0.88	0.34	0	2	1	89	0.00	0.0	0.464	0.000	2	1	1	1
586603	PL.26503	A	Consumer	7.51Y	125.1	0.00	0.88	0.14	0	1	0	100	0.00	0.0	0.464	0.000	1	0	1	1
586602	PL.26503	A	Consumer	7.51Y	125.1	0.00	0.88	0.76	0	5	2	93	0.00	0.0	0.464	0.000	5	2	1	1
586608	PL.26503	A	Consumer	7.51Y	125.1	0.00	0.88	0.77	0	5	2	93	0.00	0.0	0.464	0.000	5	2	1	1
586609	PL.26503	A	Consumer	7.51Y	125.1	0.00	0.88	1.11	0	8	3	94	0.00	0.0	0.464	0.000	8	3	1	1
586604	PL.26502	A	Consumer	7.51Y	125.1	0.00	0.86	0.25	0	2	1	89	0.00	0.0	0.426	0.000	2	1	1	1
586614	PL.26502	A	Consumer	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	0.426	0.000	0	0	0	0
586505	PL.26502	A	Consumer	7.51Y	125.1	0.00	0.86	0.31	0	2	1	89	0.00	0.0	0.426	0.000	2	1	1	1
586610	PL.26502	A	Consumer	7.51Y	125.1	0.00	0.86	1.04	0	7	3	92	0.00	0.0	0.426	0.000	7	3	1	1
586601	PL.26502	A	Consumer	7.51Y	125.1	0.00	0.86	0.78	0	5	2	93	0.00	0.0	0.426	0.000	5	2	1	1
PL.22261	PL.26501	B	4ACSR	7.56Y	125.9	0.00	0.07	0.55	0	4	2	89	0.00	0.0	0.231	0.006	0	0	0	3
PD.2861	PL.22261	B	fuse6AMP	7.56Y	125.9	0.00	0.07	0.55	9	4	2	89	0.00	0.0	0.231	0.000	0	0	0	3
PL.22262	PD.2861	B	4ACSR	7.56Y	125.9	0.00	0.07	0.55	0	4	2	89	0.00	0.0	0.328	0.097	0	0	0	3
585502	PL.22262	B	Consumer	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	0.328	0.000	0	0	0	0
585402	PL.22262	B	Consumer	7.56Y	125.9	0.00	0.07	0.02	0	0	0	100	0.00	0.0	0.328	0.000	0	0	1	1
PL.23058	PL.22262	B	4ACSR	7.56Y	125.9	0.00	0.07	0.53	0	4	2	89	0.00	0.0	0.388	0.060	0	0	0	2
PL.23099	PL.23058	B	4ACSR	7.56Y	125.9	0.00	0.07	0.53	0	4	2	89	0.00	0.0	0.545	0.157	0	0	0	2
583603	PL.23099	B	Consumer	7.56Y	125.9	0.00	0.07	0.53	0	4	2	89	0.00	0.0	0.545	0.000	4	2	1	1
583602	PL.23099	B	Consumer	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	0.545	0.000	0	0	0	0
PL.23104	PL.23099	B	4ACSR	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	0.592	0.048	0	0	0	1
583502	PL.23104	B	Consumer	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	0.592	0.000	0	0	0	0
583501	PL.23104	B	Consumer	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	0.592	0.000	0	0	1	1
PL.18407	PL.26499	A	4ACSR	7.54Y	125.7	0.00	0.32	1.12	1	8	3	94	0.00	0.0	0.163	0.003	0	0	0	5

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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-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF		kW Loss	% Loss			Length (mi)	KW
PD.2860	PL.18407	A	fuse6AMP	7.54Y	125.7	0.00	0.32	1.12	19	8	3	94	0.00	0.0	0.163	0.000	0	0	0	5
PL.18406	PD.2860	A	4ACSR	7.54Y	125.7	0.00	0.32	1.12	1	8	3	94	0.00	0.0	0.168	0.005	0	0	0	5
PL.26500	PL.18406	A	4ACSR	7.54Y	125.7	0.00	0.33	0.76	1	5	2	93	0.00	0.0	0.198	0.029	0	0	0	2
585404	PL.26500	A	Consumer	7.54Y	125.7	0.00	0.33	0.00	0	0	0	100	0.00	0.0	0.198	0.000	0	0	0	0
586406	PL.26500	A	Consumer	7.54Y	125.7	0.00	0.33	0.61	0	4	2	89	0.00	0.0	0.198	0.000	4	2	1	1
585403	PL.26500	A	Consumer	7.54Y	125.7	0.00	0.33	0.15	0	1	0	100	0.00	0.0	0.198	0.000	1	0	1	1
PL.7555	PL.26500	A	4ACSR	7.54Y	125.7	0.00	0.33	0.00	0	0	0	100	0.00	0.0	0.235	0.038	0	0	0	0
586408	PL.18406	A	Consumer	7.54Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	0.168	0.000	0	0	1	1
586407	PL.18406	A	Consumer	7.54Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	0.168	0.000	0	0	1	1
586403	PL.18406	A	Consumer	7.54Y	125.7	0.00	0.32	0.36	0	2	1	89	0.00	0.0	0.168	0.000	2	1	1	1
586404	PL.18406	A	Consumer	7.54Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	0.168	0.000	0	0	0	0
PL.18898	PL.26499	A	4ACSR	7.54Y	125.7	0.00	0.33	2.40	2	17	7	92	0.00	0.0	0.172	0.012	0	0	0	4
PD.2871	PL.18898	A	fuse6AMP	7.54Y	125.7	0.00	0.33	2.40	41	17	7	92	0.00	0.0	0.172	0.000	0	0	0	4
PL.18899	PD.2871	A	4ACSR	7.54Y	125.7	0.01	0.33	2.40	2	17	7	92	0.00	0.0	0.221	0.049	0	0	0	4
PL.7551	PL.18899	A	4ACSR	7.54Y	125.7	0.00	0.33	0.90	1	6	3	89	0.00	0.0	0.247	0.026	0	0	0	1
587402	PL.7551	A	Consumer	7.54Y	125.7	0.00	0.33	0.90	0	6	3	89	0.00	0.0	0.247	0.000	6	3	1	1
587403	PL.18899	A	Consumer	7.54Y	125.7	0.00	0.33	0.42	0	3	1	95	0.00	0.0	0.221	0.000	3	1	1	1
587401	PL.18899	A	Consumer	7.54Y	125.7	0.00	0.33	0.37	0	3	1	95	0.00	0.0	0.221	0.000	3	1	1	1
587404	PL.18899	A	Consumer	7.54Y	125.7	0.00	0.33	0.00	0	0	0	100	0.00	0.0	0.221	0.000	0	0	0	0
586402	PL.18899	A	Consumer	7.54Y	125.7	0.00	0.33	0.71	0	5	2	93	0.00	0.0	0.221	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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	3392	0	0	0	0	0	88	0.00		3480
KVAR	1433	0	-327	-20	0	0	58			1144

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 121.25 volts on PL.24972	4.75 volts on PL.24972	0.50 volts on PL.12179
B-Phase -> 115.75 volts on PL.28610	10.25 volts on PL.28610	1.20 volts on PL.12179
C-Phase -> 118.16 volts on PL.24786	7.84 volts on PL.24786	0.67 volts on PL.12179

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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 a section for Feeder No. 3 (SIDEVIEW3) Beginning with Device PD.3909.

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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.42986, PL.42996, PD.8559, etc.

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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for elements PL.43030 through PD.8572-A.

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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PD.8572-B	PD.8572-A	A	Closed	7.48Y	124.6	0.00	1.40	21.74	0	153	56	94	0.00	0.0	1.699	0.000	0	0	0	44
PL.43076	PD.8572-B	A	2ACSR	7.48Y	124.6	0.01	1.41	21.74	14	153	56	94	0.01	0.0	1.713	0.014	0	0	0	44
PD.8571	PL.43076	A	35V4E	7.48Y	124.6	0.00	1.41	21.74	62	153	56	94	0.00	0.0	1.713	0.000	0	0	0	44
PL.43074	PD.8571	A	2ACSR	7.47Y	124.5	0.04	1.46	21.74	14	153	56	94	0.04	0.0	1.770	0.057	0	0	0	44
PL.11874	PL.43074	A	4ACSR	7.47Y	124.5	0.04	1.50	21.74	18	153	56	94	0.05	0.0	1.812	0.042	0	0	0	44
PL.24128	PL.11874	A	4ACSR	7.47Y	124.5	0.00	1.50	0.50	0	3	1	95	0.00	0.0	1.855	0.043	0	0	0	1
482713	PL.24128	A	Consumer	7.47Y	124.5	0.00	1.50	0.50	0	3	1	95	0.00	0.0	1.855	0.000	3	1	1	1
PL.11882	PL.11874	A	4ACSR	7.46Y	124.3	0.16	1.65	21.25	18	149	55	94	0.17	0.1	1.972	0.160	0	0	0	43
PL.24127	PL.11882	A	4ACSR	7.46Y	124.3	0.00	1.65	1.18	1	8	3	94	0.00	0.0	2.012	0.040	0	0	0	2
482617	PL.24127	A	Consumer	7.46Y	124.3	0.00	1.65	0.13	0	1	0	100	0.00	0.0	2.012	0.000	1	0	1	1
482607	PL.24127	A	Consumer	7.46Y	124.3	0.00	1.65	1.05	0	7	3	92	0.00	0.0	2.012	0.000	7	3	1	1
PL.24126	PL.11882	A	4ACSR	7.46Y	124.3	0.00	1.65	0.42	0	3	1	95	0.00	0.0	2.067	0.095	0	0	0	1
PL.3252	PL.24126	A	4ACSR	7.46Y	124.3	0.00	1.66	0.42	0	3	1	95	0.00	0.0	2.138	0.071	0	0	0	1
PL.3268	PL.3252	A	4ACSR	7.46Y	124.3	0.00	1.66	0.42	0	3	1	95	0.00	0.0	2.169	0.032	0	0	0	1
483752	PL.3268	A	Consumer	7.46Y	124.3	0.00	1.66	0.42	0	3	1	95	0.00	0.0	2.169	0.000	3	1	1	1
PL.17908	PL.11882	A	4ACSR	7.46Y	124.3	0.07	1.72	19.65	17	138	50	94	0.07	0.1	2.047	0.076	0	0	0	40
PL.17909	PL.17908	A	4ACSR	7.46Y	124.3	0.02	1.74	19.65	17	138	50	94	0.02	0.0	2.068	0.021	0	0	0	40
PL.11883	PL.17909	A	4ACSR	7.46Y	124.3	0.01	1.75	19.65	17	138	50	94	0.01	0.0	2.076	0.008	0	0	0	40
PL.11885	PL.11883	A	4ACSR	7.45Y	124.2	0.05	1.79	19.65	17	138	50	94	0.05	0.0	2.129	0.053	0	0	0	39
PL.11886	PL.11885	A	4ACSR	7.45Y	124.2	0.02	1.81	19.08	16	133	49	94	0.02	0.0	2.147	0.018	0	0	0	37
483608	PL.11886	A	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	2.147	0.000	0	0	0	0
PL.11884	PL.11886	A	4ACSR	7.45Y	124.2	0.02	1.83	19.08	16	133	49	94	0.02	0.0	2.172	0.025	0	0	0	37
PL.11889	PL.11884	A	4ACSR	7.44Y	124.1	0.11	1.94	18.76	16	131	48	94	0.10	0.1	2.296	0.124	0	0	0	36
PL.11890	PL.11889	A	4ACSR	7.44Y	124.0	0.03	1.97	18.53	16	130	47	94	0.03	0.0	2.334	0.037	0	0	0	33
483633	PL.11890	A	Consumer	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	2.334	0.000	0	0	0	0
PL.11892	PL.11890	A	4ACSR	7.44Y	123.9	0.11	2.08	18.53	16	130	47	94	0.11	0.1	2.464	0.131	0	0	0	33
PL.11891	PL.11892	A	4ACSR	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	2.486	0.022	0	0	0	4
PD.1732	PL.11891	A	fuse6AMP	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	2.486	0.000	0	0	0	4
PL.19909	PD.1732	A	4ACSR	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	2.844	0.358	0	0	0	4
483611	PL.19909	A	Consumer	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	2.844	0.000	0	0	1	1
PL.19910	PL.19909	A	4ACSR	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	3.058	0.214	0	0	0	3
PL.2665	PL.19910	A	4ACSR	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	3.083	0.024	0	0	0	3
PL.24125	PL.2665	A	4ACSR	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	3.329	0.246	0	0	0	1
482616	PL.24125	A	Consumer	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	3.329	0.000	0	0	1	1
483632	PL.2665	A	Consumer	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	3.083	0.000	0	0	1	1
482608	PL.2665	A	Consumer	7.44Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	3.083	0.000	0	0	1	1
PL.11893	PL.11892	A	4ACSR	7.43Y	123.8	0.08	2.16	17.96	15	125	46	94	0.08	0.1	2.567	0.103	0	0	0	28
483603	PL.11893	A	Consumer	7.43Y	123.8	0.00	2.16	0.01	0	0	0	100	0.00	0.0	2.567	0.000	0	0	1	1

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							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PL.11819	PL.11893	A	4ACSR	7.42Y	123.7	0.15	2.31	17.95	15	125	46	94	0.14	0.1	2.751	0.184	0	0	0	27
PL.11513	PL.11819	A	4ACSR	7.42Y	123.7	0.00	2.31	0.53	0	4	1	97	0.00	0.0	2.767	0.016	0	0	0	1
PD.1733	PL.11513	A	fuse6AMP	7.42Y	123.7	0.00	2.31	0.53	9	4	1	97	0.00	0.0	2.767	0.000	0	0	0	1
PL.11514	PD.1733	A	4ACSR	7.42Y	123.7	0.00	2.32	0.53	0	4	1	97	0.00	0.0	2.973	0.205	0	0	0	1
483621	PL.11514	A	Consumer	7.42Y	123.7	0.00	2.32	0.53	0	4	1	97	0.00	0.0	2.973	0.000	4	1	1	1
483602	PL.11514	A	Consumer	7.42Y	123.7	0.00	2.32	0.00	0	0	0	100	0.00	0.0	2.973	0.000	0	0	0	0
PL.11508	PL.11819	A	4ACSR	7.42Y	123.6	0.07	2.38	17.42	15	121	44	94	0.06	0.0	2.834	0.083	0	0	0	26
PL.11511	PL.11508	A	4ACSR	7.42Y	123.6	0.01	2.39	7.24	6	50	18	94	0.00	0.0	2.853	0.018	0	0	0	9
C PD.1734	PL.11511	A	fuse8AMP	7.42Y	123.6	0.00	2.39	7.24	99	50	18	94	0.00	0.0	2.853	0.000	0	0	0	9 C
PL.11512	PD.1734	A	4ACSR	7.42Y	123.6	0.02	2.41	7.24	6	50	18	94	0.01	0.0	2.927	0.074	0	0	0	9
PL.3248	PL.11512	A	4ACSR	7.42Y	123.6	0.00	2.41	1.34	1	9	3	95	0.00	0.0	2.976	0.048	0	0	0	1
483628	PL.3248	A	Consumer	7.42Y	123.6	0.00	2.41	1.34	0	9	3	95	0.00	0.0	2.976	0.000	9	3	1	1
483634	PL.3248	A	Consumer	7.42Y	123.6	0.00	2.41	0.00	0	0	0	100	0.00	0.0	2.976	0.000	0	0	0	0
PL.27794	PL.11512	A	4ACSR	7.41Y	123.6	0.01	2.42	5.90	5	41	15	94	0.00	0.0	2.954	0.027	0	0	0	8
483638	PL.27794	A	Consumer	7.41Y	123.6	0.00	2.42	0.83	0	6	2	95	0.00	0.0	2.954	0.000	6	2	1	1
PL.27795	PL.27794	A	4ACSR	7.41Y	123.6	0.00	2.42	5.07	4	35	13	94	0.00	0.0	2.967	0.013	0	0	0	7
PL.11509	PL.27795	A	4ACSR	7.41Y	123.6	0.01	2.43	1.97	2	14	5	94	0.00	0.0	3.077	0.110	0	0	0	4
PL.11510	PL.11509	A	4ACSR	7.41Y	123.6	0.00	2.43	0.48	0	3	1	95	0.00	0.0	3.121	0.044	0	0	0	1
483635	PL.11510	A	Consumer	7.41Y	123.6	0.00	2.43	0.48	0	3	1	95	0.00	0.0	3.121	0.000	3	1	1	1
483601	PL.11510	A	Consumer	7.41Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	3.121	0.000	0	0	0	0
PL.3262	PL.11509	A	4ACSR	7.41Y	123.6	0.01	2.44	1.49	1	10	4	93	0.00	0.0	3.241	0.164	0	0	0	3
483636	PL.3262	A	Consumer	7.41Y	123.6	0.00	2.44	0.78	0	5	2	93	0.00	0.0	3.241	0.000	5	2	1	1
PL.3264	PL.3262	A	4ACSR	7.41Y	123.6	0.00	2.45	0.71	1	5	2	93	0.00	0.0	3.358	0.117	0	0	0	2
483637	PL.3264	A	Consumer	7.41Y	123.6	0.00	2.45	0.71	0	5	2	93	0.00	0.0	3.358	0.000	5	2	1	1
PL.39421	PL.3264	A	2ACSR	7.41Y	123.6	-0.00	2.45	0.00	0	0	0	100	0.00	0.0	3.421	0.063	0	0	0	1
PL.45139	PL.39421	A	2ACSR	7.41Y	123.6	0.00	2.45	0.00	0	0	0	100	0.00	0.0	3.610	0.189	0	0	0	0
4836043	PL.45139	A	Consumer	7.41Y	123.6	0.00	2.45	0.00	0	0	0	100	0.00	0.0	3.610	0.000	0	0	0	0
4836042	PL.39421	A	Consumer	7.41Y	123.6	0.00	2.45	0.00	0	0	0	100	0.00	0.0	3.421	0.000	0	0	1	1
PL.7111	PL.27795	A	4ACSR	7.41Y	123.6	0.01	2.43	3.09	3	22	8	94	0.00	0.0	3.025	0.058	0	0	0	3
PL.31465	PL.7111	A	4ACSR	7.41Y	123.6	0.00	2.43	1.34	1	9	3	95	0.00	0.0	3.062	0.037	0	0	0	2
PL.31464	PL.31465	A	4ACSR	7.41Y	123.6	0.00	2.43	0.80	1	6	2	95	0.00	0.0	3.110	0.048	0	0	0	1
4836040	PL.31464	A	Consumer	7.41Y	123.6	0.00	2.43	0.80	0	6	2	95	0.00	0.0	3.110	0.000	6	2	1	1
PL.31466	PL.31465	A	4ACSR	7.41Y	123.6	0.00	2.43	0.54	0	4	1	97	0.00	0.0	3.118	0.057	0	0	0	1
483615	PL.31466	A	Consumer	7.41Y	123.6	0.00	2.43	0.54	0	4	1	97	0.00	0.0	3.118	0.000	4	1	1	1
483625	PL.7111	A	Consumer	7.41Y	123.6	0.00	2.43	1.75	0	12	4	95	0.00	0.0	3.025	0.000	12	4	1	1
483604	PL.11508	A	Consumer	7.42Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	2.834	0.000	0	0	0	0
PL.7125	PL.11508	A	4ACSR	7.42Y	123.6	0.02	2.41	10.19	9	71	26	94	0.01	0.0	2.887	0.053	0	0	0	17
PL.7126	PL.7125	A	4ACSR	7.41Y	123.6	0.04	2.44	9.27	8	65	24	94	0.02	0.0	2.973	0.086	0	0	0	16

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.7118	PL.7126	A	4ACSR	7.41Y	123.5	0.05	2.49	9.27	8	65	24	94	0.02	0.0	3.081	0.108	0	0	0	16	
PL.7119	PL.7118	A	4ACSR	7.40Y	123.4	0.16	2.65	9.27	8	65	24	94	0.08	0.1	3.462	0.382	0	0	0	16	
484603	PL.7119	A	Consumer	7.40Y	123.4	0.00	2.65	0.45	0	3	1	95	0.00	0.0	3.462	0.000	3	1	1	1	
PL.45493	PL.7119	A	4ACSR	7.40Y	123.3	0.01	2.66	8.82	7	61	22	94	0.00	0.0	3.489	0.027	0	0	0	15	
PD.8655-A	PL.45493	A	Closed	7.40Y	123.3	0.00	2.66	8.82	0	61	22	94	0.00	0.0	3.489	0.000	0	0	0	15	
PD.8655-B	PD.8655-A	A	Closed	7.40Y	123.3	0.00	2.66	8.82	0	61	22	94	0.00	0.0	3.489	0.000	0	0	0	15	
PL.45494	PD.8655-B	A	4ACSR	7.40Y	123.3	0.07	2.73	8.82	7	61	22	94	0.03	0.1	3.660	0.171	0	0	0	15	
PL.3245	PL.45494	A	4ACSR	7.40Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	3.771	0.111	0	0	0	0	
484608	PL.3245	A	Consumer	7.40Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	3.771	0.000	0	0	0	0	
PL.11364	PL.45494	A	4ACSR	7.39Y	123.2	0.02	2.75	7.89	7	55	20	94	0.01	0.0	3.720	0.060	0	0	0	14	
PL.11365	PL.11364	A	4ACSR	7.39Y	123.2	0.03	2.78	5.45	5	38	14	94	0.01	0.0	3.851	0.131	0	0	0	10	
PL.11362	PL.11365	A	4ACSR	7.39Y	123.2	0.00	2.79	4.44	4	31	11	94	0.00	0.0	3.869	0.018	0	0	0	9	
PL.10722	PL.11362	A	4ACSR	7.39Y	123.2	0.01	2.79	4.44	4	31	11	94	0.00	0.0	3.903	0.034	0	0	0	9	
PL.11779	PL.10722	A	4ACSR	7.39Y	123.2	0.00	2.80	1.67	1	12	4	95	0.00	0.0	3.931	0.028	0	0	0	3	
PL.11778	PL.11779	A	4ACSR	7.39Y	123.2	0.01	2.80	0.99	1	7	3	92	0.00	0.0	4.052	0.120	0	0	0	2	
483527	PL.11778	A	Consumer	7.39Y	123.2	0.00	2.80	0.95	0	7	2	96	0.00	0.0	4.052	0.000	7	2	1	1	
PL.11781	PL.11778	A	4ACSR	7.39Y	123.2	0.00	2.80	0.04	0	0	0	100	0.00	0.0	4.057	0.005	0	0	0	1	
PD.450-A	PL.11781	A	Closed	7.39Y	123.2	0.00	2.80	0.04	0	0	0	100	0.00	0.0	4.057	0.000	0	0	0	1	
PD.450-B	PD.450-A	A	Closed	7.39Y	123.2	0.00	2.80	0.04	0	0	0	100	0.00	0.0	4.057	0.000	0	0	0	1	
PL.11782	PD.450-B	A	4ACSR	7.39Y	123.2	0.00	2.80	0.04	0	0	0	100	0.00	0.0	4.161	0.104	0	0	0	1	
PL.11784	PL.11782	A	4ACSR	7.39Y	123.2	0.00	2.80	0.00	0	0	0	100	0.00	0.0	4.165	0.003	0	0	0	0	
PD.451-A	PL.11784	A	Open	7.39Y	123.2	0.00	2.80	0.00	0	0	0	100	0.00	0.0	4.165	0.000	0	0	0	0	
PL.10719	PL.11782	A	4ACSR	7.39Y	123.2	0.00	2.80	0.04	0	0	0	100	0.00	0.0	4.182	0.021	0	0	0	1	
PL.24142	PL.10719	A	4ACSR	7.39Y	123.2	0.00	2.80	0.04	0	0	0	100	0.00	0.0	4.217	0.034	0	0	0	1	
484529	PL.24142	A	Consumer	7.39Y	123.2	0.00	2.80	0.04	0	0	0	100	0.00	0.0	4.217	0.000	0	0	1	1	
PL.11780	PL.11779	A	4ACSR	7.39Y	123.2	0.00	2.80	0.68	1	5	2	93	0.00	0.0	4.007	0.076	0	0	0	1	
484566	PL.11780	A	Consumer	7.39Y	123.2	0.00	2.80	0.00	0	0	0	100	0.00	0.0	4.007	0.000	0	0	0	0	
483526	PL.11780	A	Consumer	7.39Y	123.2	0.00	2.80	0.68	0	5	2	93	0.00	0.0	4.007	0.000	5	2	1	1	
PL.10723	PL.10722	A	4ACSR	7.39Y	123.2	0.01	2.80	2.77	2	19	7	94	0.00	0.0	3.985	0.082	0	0	0	6	
483524	PL.10723	A	Consumer	7.39Y	123.2	0.00	2.80	1.31	0	9	3	95	0.00	0.0	3.985	0.000	9	3	1	1	
PL.11411	PL.10723	A	4ACSR	7.39Y	123.2	0.00	2.81	1.46	1	10	4	93	0.00	0.0	4.043	0.058	0	0	0	5	
PL.11412	PL.11411	A	4ACSR	7.39Y	123.2	0.00	2.81	0.04	0	0	0	100	0.00	0.0	4.096	0.053	0	0	0	1	
483539	PL.11412	A	Consumer	7.39Y	123.2	0.00	2.81	0.04	0	0	0	100	0.00	0.0	4.096	0.000	0	0	1	1	
483514	PL.11411	A	Consumer	7.39Y	123.2	0.00	2.81	0.01	0	0	0	100	0.00	0.0	4.043	0.000	0	0	1	1	
483536	PL.11411	A	Consumer	7.39Y	123.2	0.00	2.81	0.66	0	5	2	93	0.00	0.0	4.043	0.000	5	2	1	1	
483532	PL.11411	A	Consumer	7.39Y	123.2	0.00	2.81	0.34	0	2	1	89	0.00	0.0	4.043	0.000	2	1	1	1	
483513	PL.11411	A	Consumer	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	4.043	0.000	0	0	0	0	
483508	PL.11411	A	Consumer	7.39Y	123.2	0.00	2.81	0.41	0	3	1	95	0.00	0.0	4.043	0.000	3	1	1	1	

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.2491	PL.11362	A	4ACSR	7.39Y	123.2	0.00	2.79	0.00	0	0	0	0	100	0.00	0.0	3.869	0.000	0	0	0	0
PL.11785	PL.11365	A	4ACSR	7.39Y	123.2	0.00	2.78	1.01	1	7	3	92	0.00	0.0	0.0	3.860	0.009	0	0	0	1
PD.1735	PL.11785	A	fuse6AMP	7.39Y	123.2	0.00	2.78	1.01	17	7	3	92	0.00	0.0	0.0	3.860	0.000	0	0	0	1
PL.11786	PD.1735	A	4ACSR	7.39Y	123.2	0.00	2.79	1.01	1	7	3	92	0.00	0.0	0.0	3.939	0.080	0	0	0	1
PL.45461	PL.11786	A	4ACSR	7.39Y	123.2	0.00	2.79	1.01	1	7	3	92	0.00	0.0	0.0	4.031	0.091	0	0	0	1
PL.45462	PL.45461	A	4ACSR	7.39Y	123.2	0.00	2.79	1.01	1	7	3	92	0.00	0.0	0.0	4.089	0.059	0	0	0	1
483617	PL.45462	A	Consumer	7.39Y	123.2	0.00	2.79	1.01	0	7	3	92	0.00	0.0	0.0	4.089	0.000	7	3	1	1
PL.45460	PL.45461	A	2ACSR	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	0.0	4.094	0.063	0	0	0	0
4836044	PL.45460	A	Consumer	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	0.0	4.094	0.000	0	0	0	0
PL.3246	PL.11786	A	4ACSR	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	0.0	4.017	0.078	0	0	0	0
483619	PL.3246	A	Consumer	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	0.0	4.017	0.000	0	0	0	0
PL.18952	PL.11364	A	4ACSR	7.39Y	123.2	0.00	2.75	2.44	2	17	6	94	0.00	0.0	0.0	3.727	0.007	0	0	0	4
PD.1736	PL.18952	A	fuse6AMP	7.39Y	123.2	0.00	2.75	2.44	42	17	6	94	0.00	0.0	0.0	3.727	0.000	0	0	0	4
PL.18953	PD.1736	A	4ACSR	7.39Y	123.2	0.00	2.76	2.44	2	17	6	94	0.00	0.0	0.0	3.764	0.037	0	0	0	4
PL.3257	PL.18953	A	4ACSR	7.39Y	123.2	0.00	2.76	0.12	0	1	0	100	0.00	0.0	0.0	3.807	0.043	0	0	0	1
484617	PL.3257	A	Consumer	7.39Y	123.2	0.00	2.76	0.12	0	1	0	100	0.00	0.0	0.0	3.807	0.000	1	0	1	1
PL.11408	PL.18953	A	4ACSR	7.39Y	123.2	0.00	2.76	2.32	2	16	6	94	0.00	0.0	0.0	3.770	0.006	0	0	0	3
PL.11409	PL.11408	A	4ACSR	7.39Y	123.2	0.00	2.76	2.32	2	16	6	94	0.00	0.0	0.0	3.814	0.044	0	0	0	3
PL.3263	PL.11409	A	4ACSR	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	0.0	3.860	0.047	0	0	0	0
484620	PL.3263	A	Consumer	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	0.0	3.860	0.000	0	0	0	0
PL.11410	PL.11409	A	4ACSR	7.39Y	123.2	0.01	2.77	2.32	2	16	6	94	0.00	0.0	0.0	3.870	0.056	0	0	0	3
PL.3244	PL.11410	A	4ACSR	7.39Y	123.2	-0.00	2.77	0.00	0	0	0	100	0.00	0.0	0.0	3.962	0.092	0	0	0	1
484615	PL.3244	A	Consumer	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	0.0	3.962	0.000	0	0	1	1
484609	PL.11410	A	Consumer	7.39Y	123.2	0.00	2.77	1.34	0	9	3	95	0.00	0.0	0.0	3.870	0.000	9	3	1	1
484610	PL.11410	A	Consumer	7.39Y	123.2	0.00	2.77	0.99	0	7	3	92	0.00	0.0	0.0	3.870	0.000	7	3	1	1
484602	PL.45494	A	Consumer	7.40Y	123.3	0.00	2.73	0.93	0	6	2	95	0.00	0.0	0.0	3.660	0.000	6	2	1	1
PL.12209	PL.7119	A	4ACSR	7.40Y	123.4	0.00	2.65	0.00	0	0	0	100	0.00	0.0	0.0	3.474	0.012	0	0	0	0
PD.443-A	PL.12209	A	Closed	7.40Y	123.4	0.00	2.65	0.00	0	0	0	100	0.00	0.0	0.0	3.474	0.000	0	0	0	0
PD.443-B	PD.443-A	A	Closed	7.40Y	123.4	0.00	2.65	0.00	0	0	0	100	0.00	0.0	0.0	3.474	0.000	0	0	0	0
PL.12210	PD.443-B	A	4ACSR	7.40Y	123.4	0.00	2.65	0.00	0	0	0	100	0.00	0.0	0.0	3.483	0.009	0	0	0	0
PL.45491	PL.12210	A	4ACSR	7.40Y	123.4	0.00	2.65	0.00	0	0	0	100	0.00	0.0	0.0	3.983	0.500	0	0	0	0
PD.442-A	PL.45491	A	Open	7.40Y	123.4	0.00	2.65	0.00	0	0	0	100	0.00	0.0	0.0	3.983	0.000	0	0	0	0
483630	PL.7126	A	Consumer	7.41Y	123.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	0.0	2.973	0.000	0	0	0	0
483639	PL.7125	A	Consumer	7.42Y	123.6	0.00	2.41	0.91	0	6	2	95	0.00	0.0	0.0	2.887	0.000	6	2	1	1
483613	PL.11892	A	Consumer	7.44Y	123.9	0.00	2.08	0.57	0	4	1	97	0.00	0.0	0.0	2.464	0.000	4	1	1	1
PL.11887	PL.11889	A	4ACSR	7.44Y	124.1	0.00	1.94	0.22	0	2	1	89	0.00	0.0	0.0	2.306	0.010	0	0	0	3
PD.1731	PL.11887	A	fuse6AMP	7.44Y	124.1	0.00	1.94	0.22	4	2	1	89	0.00	0.0	0.0	2.306	0.000	0	0	0	3
PL.11888	PD.1731	A	4ACSR	7.44Y	124.1	0.00	1.94	0.22	0	2	1	89	0.00	0.0	0.0	2.370	0.063	0	0	0	3

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.3249	PL.11888	A	4ACSR	7.44Y	124.1	0.00	1.94	0.00	0	0	0	100	0.00	0.0	2.522	0.152	0	0	0	2	
483624	PL.3249	A	Consumer	7.44Y	124.1	0.00	1.94	0.00	0	0	0	100	0.00	0.0	2.522	0.000	0	0	1	1	
4836041	PL.3249	A	Consumer	7.44Y	124.1	0.00	1.94	0.00	0	0	0	100	0.00	0.0	2.522	0.000	0	0	1	1	
483614	PL.11888	A	Consumer	7.44Y	124.1	0.00	1.94	0.22	0	2	1	89	0.00	0.0	2.370	0.000	2	1	1	1	
PL.3250	PL.11884	A	4ACSR	7.45Y	124.2	0.00	1.83	0.32	0	2	1	89	0.00	0.0	2.216	0.044	0	0	0	1	
483620	PL.3250	A	Consumer	7.45Y	124.2	0.00	1.83	0.32	0	2	1	89	0.00	0.0	2.216	0.000	2	1	1	1	
PL.3251	PL.11885	A	4ACSR	7.45Y	124.2	0.00	1.79	0.57	0	4	1	97	0.00	0.0	2.184	0.055	0	0	0	2	
483631	PL.3251	A	Consumer	7.45Y	124.2	0.00	1.79	0.56	0	4	1	97	0.00	0.0	2.184	0.000	4	1	1	1	
483612	PL.3251	A	Consumer	7.45Y	124.2	0.00	1.79	0.02	0	0	0	100	0.00	0.0	2.184	0.000	0	0	1	1	
483627	PL.11883	A	Consumer	7.46Y	124.3	0.00	1.75	0.00	0	0	0	100	0.00	0.0	2.076	0.000	0	0	1	1	
PL.43086	PL.43071	A	336ACSR	7.47Y	124.5	0.05	1.45	57.81	13	406	147	94	0.29	0.0	1.796	0.102	0	0	0	98	
		B		7.51Y	125.1	0.06	0.90	64.17	15	446	182	93			0	0	0	0	92		
		C		7.50Y	124.9	0.04	1.06	54.27	12	382	141	94			0	0	0	0	90		
PL.43087	PL.43086	A	336ACSR	7.47Y	124.5	0.03	1.48	57.77	13	406	147	94	0.15	0.0	1.849	0.053	0	0	0	97	
		B		7.50Y	125.1	0.03	0.93	64.17	15	446	182	93			0	0	0	0	92		
		C		7.49Y	124.9	0.02	1.08	54.27	12	382	141	94			0	0	0	0	90		
PL.43082	PL.43087	A	2ACSR	7.47Y	124.5	0.00	1.48	0.30	0	2	1	89	0.00	0.0	1.854	0.004	0	0	0	1	
PD.1702	PL.43082	A	fuse6AMP	7.47Y	124.5	0.00	1.48	0.30	5	2	1	89	0.00	0.0	1.854	0.000	0	0	0	1	
PL.43081	PD.1702	A	2ACSR	7.47Y	124.5	0.00	1.48	0.30	0	2	1	89	0.00	0.0	1.970	0.117	0	0	0	1	
482718	PL.43081	A	Consumer	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	1.970	0.000	0	0	0	0	
482707	PL.43081	A	Consumer	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	1.970	0.000	0	0	0	0	
482706	PL.43081	A	Consumer	7.47Y	124.5	0.00	1.48	0.30	0	2	1	89	0.00	0.0	1.970	0.000	2	1	1	1	
PL.43091	PL.43087	A	336ACSR	7.47Y	124.5	0.03	1.51	57.48	13	404	146	94	0.18	0.0	1.914	0.065	0	0	0	96	
		B		7.50Y	125.0	0.04	0.96	64.17	15	446	181	93			0	0	0	0	92		
		C		7.49Y	124.9	0.02	1.11	53.42	12	376	139	94			0	0	0	0	89		
PL.43092	PL.43091	A	336ACSR	7.47Y	124.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	2.107	0.193	0	0	0	0	
		B		7.50Y	125.0	0.00	0.96	0.00	0	0	0	100			0	0	0	0	0		
		C		7.49Y	124.9	0.00	1.11	0.00	0	0	0	100			0	0	0	0	0		
PL.43093	PL.43091	A	336ACSR	7.47Y	124.5	0.00	1.51	57.48	13	404	146	94	0.01	0.0	1.919	0.004	0	0	0	96	
		B		7.50Y	125.0	0.00	0.97	64.17	15	446	181	93			0	0	0	0	92		
		C		7.49Y	124.9	0.00	1.11	53.42	12	375	139	94			0	0	0	0	89		
PL.43094	PL.43093	A	336ACSR	7.47Y	124.5	0.02	1.53	57.48	13	404	146	94	0.14	0.0	1.968	0.049	0	0	0	96	
		B		7.50Y	125.0	0.03	0.99	64.17	15	446	181	93			0	0	0	0	92		
		C		7.49Y	124.9	0.02	1.13	53.42	12	375	139	94			0	0	0	0	89		
PL.43095	PL.43094	A	336ACSR	7.47Y	124.5	0.02	1.55	57.48	13	404	146	94	0.09	0.0	1.999	0.032	0	0	0	96	
		B		7.50Y	125.0	0.02	1.01	64.17	15	446	181	93			0	0	0	0	92		
		C		7.49Y	124.9	0.01	1.14	52.83	12	371	137	94			0	0	0	0	88		
PL.18277	PL.43095	A	6ACWC	7.46Y	124.4	0.06	1.61	57.48	49	404	146	94	0.59	0.0	2.026	0.026	0	0	0	96	
		B		7.50Y	124.9	0.07	1.08	64.17	54	446	181	93			0	0	0	0	92		
		C		7.49Y	124.8	0.05	1.19	52.83	45	371	137	94			0	0	0	0	88		
PL.18278	PL.18277	A	6ACWC	7.46Y	124.4	0.01	1.63	57.48	49	403	146	94	0.14	0.0	2.032	0.006	0	0	0	96	
		B		7.49Y	124.9	0.02	1.09	64.17	54	446	181	93			0	0	0	0	92		
		C		7.49Y	124.8	0.01	1.20	52.83	45	371	137	94			0	0	0	0	88		
PL.31039	PL.18278	A	6ACWC	7.44Y	124.1	0.30	1.92	57.48	49	403	146	94	2.82	0.2	2.160	0.128	0	0	0	96	
		B		7.47Y	124.6	0.32	1.42	63.56	54	441	179	93			0	0	0	0	90		
		C		7.47Y	124.6	0.25	1.45	51.84	44	364	134	94			0	0	0	0	87		
4837056	PL.31039	C	Consumer	7.47Y	124.6	0.00	1.45	0.86	0	6	2	95	0.00	0.0	2.160	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: SIDEVIEW

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 elements like PL.31040, PD.441-A, PD.441-B, PL.39270, PL.39281, PD.6903, PL.39286, PL.39279, 483738, PL.39280, 483716, PL.39278, PL.39275, PL.11915, 483720, 483725, PL.31037, 4837055, PL.34628, PL.34629, 483751, PL.43695, PL.43696, 483747, PL.39284, PL.39283, 483722, PL.7115, PL.11916, 483702, PL.11917, 483726, PL.11918, PL.11919.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
483724	PL.11919	A	Consumer	7.42Y	123.7	0.00	2.35	1.13	0	8	3	94	0.00	0.0	3.292	0.000	8	3	1	1
483731	PL.11919	A	Consumer	7.42Y	123.7	0.00	2.35	0.09	0	1	0	100	0.00	0.0	3.292	0.000	1	0	1	1
PL.3261	PL.11918	A	4ACSR	7.42Y	123.7	0.00	2.34	0.02	0	0	0	100	0.00	0.0	3.121	0.058	0	0	0	1
483743	PL.3261	A	Consumer	7.42Y	123.7	0.00	2.34	0.02	0	0	0	100	0.00	0.0	3.121	0.000	0	0	1	1
PL.7113	PL.11917	A	4ACSR	7.42Y	123.7	0.00	2.34	2.22	2	15	6	93	0.00	0.0	3.039	0.037	0	0	0	4
PL.7114	PL.7113	A	4ACSR	7.42Y	123.7	0.00	2.34	1.39	1	10	4	93	0.00	0.0	3.083	0.044	0	0	0	3
PL.3239	PL.7114	A	4ACSR	7.42Y	123.7	0.00	2.34	1.09	1	8	3	94	0.00	0.0	3.171	0.088	0	0	0	2
483748	PL.3239	A	Consumer	7.42Y	123.7	0.00	2.34	0.14	0	1	0	100	0.00	0.0	3.171	0.000	1	0	1	1
483723	PL.3239	A	Consumer	7.42Y	123.7	0.00	2.34	0.94	0	7	2	96	0.00	0.0	3.171	0.000	7	2	1	1
483703	PL.7114	A	Consumer	7.42Y	123.7	0.00	2.34	0.30	0	2	1	89	0.00	0.0	3.083	0.000	2	1	1	1
483737	PL.7113	A	Consumer	7.42Y	123.7	0.00	2.34	0.83	0	6	2	95	0.00	0.0	3.039	0.000	6	2	1	1
PL.7120	PL.11917	A	4ACSR	7.42Y	123.7	0.00	2.33	1.04	1	7	3	92	0.00	0.0	3.029	0.027	0	0	0	2
PL.7121	PL.7120	A	4ACSR	7.42Y	123.7	0.00	2.34	0.25	0	2	1	89	0.00	0.0	3.079	0.050	0	0	0	1
483741	PL.7121	A	Consumer	7.42Y	123.7	0.00	2.34	0.25	0	2	1	89	0.00	0.0	3.079	0.000	2	1	1	1
483745	PL.7120	A	Consumer	7.42Y	123.7	0.00	2.33	0.79	0	6	2	95	0.00	0.0	3.029	0.000	6	2	1	1
PL.39285	PL.39284	A	2ACSR	7.42Y	123.7	0.01	2.27	3.80	2	26	10	93	0.00	0.0	2.763	0.110	0	0	0	5
PL.3241	PL.39285	A	4ACSR	7.42Y	123.7	0.01	2.28	2.79	2	19	7	94	0.00	0.0	2.865	0.102	0	0	0	4
PL.3238	PL.3241	A	4ACSR	7.42Y	123.7	0.00	2.29	2.30	2	16	6	94	0.00	0.0	2.898	0.033	0	0	0	3
PL.3237	PL.3238	A	4ACSR	7.42Y	123.7	0.01	2.29	2.30	2	16	6	94	0.00	0.0	2.971	0.074	0	0	0	3
483728	PL.3237	A	Consumer	7.42Y	123.7	0.00	2.29	0.95	0	7	2	96	0.00	0.0	2.971	0.000	7	2	1	1
483754	PL.3237	A	Consumer	7.42Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	2.971	0.000	0	0	1	1
483744	PL.3237	A	Consumer	7.42Y	123.7	0.00	2.29	1.34	0	9	3	95	0.00	0.0	2.971	0.000	9	3	1	1
PL.3260	PL.3241	A	4ACSR	7.42Y	123.7	0.00	2.28	0.49	0	3	1	95	0.00	0.0	2.934	0.069	0	0	0	1
483742	PL.3260	A	Consumer	7.42Y	123.7	0.00	2.28	0.49	0	3	1	95	0.00	0.0	2.934	0.000	3	1	1	1
483721	PL.39285	A	Consumer	7.42Y	123.7	0.00	2.27	1.01	0	7	3	92	0.00	0.0	2.763	0.000	7	3	1	1
4837059	PL.43695	A	Consumer	7.43Y	123.8	0.00	2.20	0.01	0	0	0	100	0.00	0.0	2.480	0.000	0	0	1	1
4837057	PL.34628	A	Consumer	7.43Y	123.8	0.00	2.17	0.73	0	5	2	93	0.00	0.0	2.425	0.000	5	2	1	1
PL.39271	PL.39270	A	6ACWC	7.43Y	123.9	0.03	2.11	43.66	37	305	110	94	0.35	0.0	2.245	0.019	0	0	0	70
C		B		7.46Y	124.4	0.05	1.64	63.56	54	440	179	93					0	0	0	90
		C		7.46Y	124.4	0.03	1.61	50.98	43	357	132	94					0	0	0	86
PL.11920	PL.39271	A	6ACWC	7.43Y	123.8	0.12	2.23	43.66	37	305	110	94	1.35	0.1	2.318	0.073	0	0	0	70
C		B		7.45Y	124.2	0.19	1.83	63.56	54	439	179	93					0	0	0	90
		C		7.46Y	124.3	0.13	1.74	49.97	42	350	129	94					0	0	0	85
483719	PL.11920	A	Consumer	7.43Y	123.8	0.00	2.23	1.07	0	7	3	92	0.00	0.0	2.318	0.000	7	3	1	1
PL.7117	PL.11920	C	4ACSR	7.46Y	124.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	2.318	0.000	0	0	0	0
PL.11929	PL.7117	C	4ACSR	7.46Y	124.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	2.333	0.015	0	0	0	0
PD.1727	PL.11929	C	fuse6AMP	7.46Y	124.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	2.333	0.000	0	0	0	0
PL.11930	PD.1727	C	4ACSR	7.46Y	124.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	2.441	0.108	0	0	0	0
483717	PL.11930	C	Consumer	7.46Y	124.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	2.441	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:

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		
C PL.11921	PL.11920	A	6ACWC	7.42Y	123.6	0.12	2.35	42.59	36	298	107	94	1.31	0.1	2.389	0.071	0	0	0	69
		B		7.44Y	124.0	0.19	2.02	63.56	54	439	178	93					0	0	0	90
		C		7.45Y	124.1	0.13	1.86	49.97	42	350	129	94					0	0	0	85
PL.11927	PL.11921	C	4ACSR	7.45Y	124.1	0.00	1.87	1.48	1	10	4	93	0.00	0.0	2.403	0.014	0	0	0	3
PD.1729	PL.11927	C	fuse6AMP	7.45Y	124.1	0.00	1.87	1.48	25	10	4	93	0.00	0.0	2.403	0.000	0	0	0	3
PL.11928	PD.1729	C	4ACSR	7.45Y	124.1	0.00	1.87	1.48	1	10	4	93	0.00	0.0	2.470	0.067	0	0	0	3
PL.2664	PL.11928	C	4ACSR	7.45Y	124.1	0.00	1.87	1.48	1	10	4	93	0.00	0.0	2.475	0.005	0	0	0	3
PL.7072	PL.2664	C	4ACSR	7.45Y	124.1	0.00	1.87	1.48	1	10	4	93	0.00	0.0	2.541	0.066	0	0	0	3
482732	PL.7072	C	Consumer	7.45Y	124.1	0.00	1.87	0.61	0	4	2	89	0.00	0.0	2.541	0.000	4	2	1	1
PL.7073	PL.7072	C	4ACSR	7.45Y	124.1	0.00	1.88	0.87	1	6	2	95	0.00	0.0	2.601	0.059	0	0	0	2
482723	PL.7073	C	Consumer	7.45Y	124.1	0.00	1.88	0.16	0	1	0	100	0.00	0.0	2.601	0.000	1	0	1	1
482725	PL.7073	C	Consumer	7.45Y	124.1	0.00	1.88	0.70	0	5	2	93	0.00	0.0	2.601	0.000	5	2	1	1
C PL.19742	PL.11921	A	6ACWC	7.42Y	123.6	0.03	2.38	42.59	36	297	107	94	0.31	0.0	2.406	0.017	0	0	0	69
		B		7.44Y	123.9	0.05	2.07	63.34	54	436	177	93					0	0	0	89
		C		7.45Y	124.1	0.03	1.89	48.49	41	339	125	94					0	0	0	82
483704	PL.19742	B	Consumer	7.44Y	123.9	0.00	2.07	0.36	0	3	1	95	0.00	0.0	2.406	0.000	3	1	1	1
C PL.19743	PL.19742	A	6ACWC	7.41Y	123.6	0.06	2.44	42.59	36	297	107	94	0.69	0.1	2.444	0.038	0	0	0	69
		B		7.43Y	123.8	0.10	2.17	62.98	53	434	176	93					0	0	0	88
		C		7.44Y	124.0	0.07	1.96	48.49	41	339	125	94					0	0	0	82
C PL.11922	PL.19743	A	6ACWC	7.41Y	123.5	0.01	2.46	41.92	36	292	105	94	0.14	0.0	2.452	0.008	0	0	0	68
		B		7.43Y	123.8	0.02	2.19	62.98	53	433	176	93					0	0	0	88
		C		7.44Y	124.0	0.01	1.97	48.49	41	339	125	94					0	0	0	82
C PL.11923	PL.11922	A	6ACWC	7.41Y	123.4	0.11	2.56	41.51	35	289	104	94	1.18	0.1	2.518	0.066	0	0	0	67
		B		7.42Y	123.6	0.18	2.37	62.98	53	433	176	93					0	0	0	88
		C		7.43Y	123.9	0.11	2.09	48.49	41	339	125	94					0	0	0	82
C PL.14622	PL.11923	A	6ACWC	7.41Y	123.4	0.00	2.56	41.51	35	289	104	94	0.03	0.0	2.520	0.002	0	0	0	67
		B		7.42Y	123.6	0.00	2.37	62.50	53	429	175	93					0	0	0	87
		C		7.43Y	123.9	0.00	2.09	48.49	41	338	125	94					0	0	0	82
PL.41298	PL.14622	C	4ACSR	7.43Y	123.9	0.03	2.11	5.63	5	39	14	94	0.01	0.0	2.622	0.103	0	0	0	6
PL.41299	PL.41298	C	4ACSR	7.43Y	123.9	0.00	2.12	4.81	4	34	12	94	0.00	0.0	2.638	0.015	0	0	0	5
PL.7070	PL.41299	C	4ACSR	7.43Y	123.9	0.02	2.14	4.81	4	34	12	94	0.01	0.0	2.735	0.097	0	0	0	5
482728	PL.7070	C	Consumer	7.43Y	123.9	0.00	2.14	0.72	0	5	2	93	0.00	0.0	2.735	0.000	5	2	1	1
PL.7071	PL.7070	C	4ACSR	7.43Y	123.8	0.01	2.15	4.10	3	29	10	95	0.00	0.0	2.801	0.066	0	0	0	4
PL.39621	PL.7071	C	2ACSR	7.43Y	123.8	0.00	2.15	1.02	1	7	3	92	0.00	0.0	2.895	0.094	0	0	0	1
4827036	PL.39621	C	Consumer	7.43Y	123.8	0.00	2.15	1.02	0	7	3	92	0.00	0.0	2.895	0.000	7	3	1	1
482731	PL.7071	C	Consumer	7.43Y	123.8	0.00	2.15	1.25	0	9	3	95	0.00	0.0	2.801	0.000	9	3	1	1
4827035	PL.7071	C	Consumer	7.43Y	123.8	0.00	2.15	0.44	0	3	1	95	0.00	0.0	2.801	0.000	3	1	1	1
482726	PL.7071	C	Consumer	7.43Y	123.8	0.00	2.15	1.39	0	10	4	93	0.00	0.0	2.801	0.000	10	4	1	1
4837058	PL.41298	C	Consumer	7.43Y	123.9	0.00	2.11	0.82	0	6	2	95	0.00	0.0	2.622	0.000	6	2	1	1
C PL.14623	PL.14622	A	6ACWC	7.40Y	123.3	0.13	2.69	41.51	35	289	104	94	1.24	0.1	2.595	0.075	0	0	0	67
		B		7.41Y	123.4	0.20	2.57	62.50	53	429	175	93					0	0	0	87
		C		7.43Y	123.8	0.11	2.20	42.86	36	299	110	94					0	0	0	76
483707	PL.14623	C	Consumer	7.43Y	123.8	0.00	2.20	0.94	0	7	2	96	0.00	0.0	2.595	0.000	7	2	1	1
483713	PL.14623	B	Consumer	7.41Y	123.4	0.00	2.57	0.48	0	3	1	95	0.00	0.0	2.595	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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.11924, PL.11925, PL.3267, PL.41476, PD.7450, PL.41477, PL.39459, PL.14624, PL.3258, PL.3259, 483739, PL.14625, PL.174, PL.7140, PL.7141, 483804, 483818, PL.14606, PL.14607, PL.14608, PL.14620, PL.2816, 4838035.

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 483833, PL.14621, PL.15789, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.1744	PL.14613	A	fuse6AMP	7.22Y	120.3	0.00	5.67	1.52	26	10	4	93	0.00	0.0	4.436	0.000	0	0	0	3
PL.14614	PD.1744	A	4ACSR	7.22Y	120.3	0.00	5.68	1.52	1	10	4	93	0.00	0.0	4.466	0.031	0	0	0	3
483820	PL.14614	A	Consumer	7.22Y	120.3	0.00	5.68	0.98	0	7	2	96	0.00	0.0	4.466	0.000	7	2	1	1
PL.2826	PL.14614	A	4ACSR	7.22Y	120.3	0.00	5.68	0.54	0	4	1	97	0.00	0.0	4.510	0.044	0	0	0	2
483816	PL.2826	A	Consumer	7.22Y	120.3	0.00	5.68	0.53	0	4	1	97	0.00	0.0	4.510	0.000	4	1	1	1
PL.2813	PL.2826	A	4ACSR	7.22Y	120.3	0.00	5.68	0.01	0	0	0	100	0.00	0.0	4.548	0.038	0	0	0	1
PL.2814	PL.2813	A	4ACSR	7.22Y	120.3	0.00	5.68	0.01	0	0	0	100	0.00	0.0	4.581	0.033	0	0	0	1
483827	PL.2814	A	Consumer	7.22Y	120.3	0.00	5.68	0.01	0	0	0	100	0.00	0.0	4.581	0.000	0	0	1	1
PL.14610	PL.14609	A	6ACWC	7.20Y	120.1	0.25	5.93	35.03	30	238	86	94	1.77	0.2	4.592	0.161	0	0	0	52
		B		7.11Y	118.4	0.37	7.57	56.25	48	371	152	93					0	0	0	76
		C		7.28Y	121.3	0.09	4.70	23.12	20	158	58	94					0	0	0	42
PL.14604	PL.14610	A	4ACSR	7.20Y	120.1	0.00	5.93	0.61	1	4	1	97	0.00	0.0	4.602	0.009	0	0	0	1
PD.1746	PL.14604	A	fuse6AMP	7.20Y	120.1	0.00	5.93	0.61	10	4	1	97	0.00	0.0	4.602	0.000	0	0	0	1
PL.14605	PD.1746	A	4ACSR	7.20Y	120.1	0.00	5.93	0.61	1	4	1	97	0.00	0.0	4.708	0.107	0	0	0	1
484804	PL.14605	A	Consumer	7.20Y	120.1	0.00	5.93	0.61	0	4	1	97	0.00	0.0	4.708	0.000	4	1	1	1
PL.14602	PL.14610	B	4ACSR	7.11Y	118.4	0.00	7.57	0.00	0	0	0	100	0.00	0.0	4.600	0.007	0	0	0	0
PD.1745	PL.14602	B	fuse6AMP	7.11Y	118.4	0.00	7.57	0.00	0	0	0	100	0.00	0.0	4.600	0.000	0	0	0	0
PL.14603	PD.1745	B	4ACSR	7.11Y	118.4	0.00	7.57	0.00	0	0	0	100	0.00	0.0	4.770	0.170	0	0	0	0
484813	PL.14610	B	Consumer	7.11Y	118.4	0.00	7.57	0.00	0	0	0	100	0.00	0.0	4.592	0.000	0	0	0	0
PL.14436	PL.14610	A	6ACWC	7.19Y	119.8	0.27	6.20	34.42	29	233	85	94	1.91	0.3	4.768	0.175	0	0	0	51
		B		7.08Y	118.0	0.41	7.98	56.25	48	370	151	93					0	0	0	76
		C		7.27Y	121.2	0.10	4.80	23.12	20	158	58	94					0	0	0	42
PL.15793	PL.14436	B	4ACSR	7.08Y	118.0	0.00	7.98	0.00	0	0	0	100	0.00	0.0	4.780	0.013	0	0	0	2
PD.1747	PL.15793	B	fuse6AMP	7.08Y	118.0	0.00	7.98	0.00	0	0	0	100	0.00	0.0	4.780	0.000	0	0	0	2
PL.15794	PD.1747	B	4ACSR	7.08Y	118.0	0.00	7.98	0.00	0	0	0	100	0.00	0.0	4.955	0.174	0	0	0	2
PL.2825	PL.15794	B	4ACSR	7.08Y	118.0	0.00	7.98	0.00	0	0	0	100	0.00	0.0	5.344	0.389	0	0	0	2
PL.2824	PL.2825	B	4ACSR	7.08Y	118.0	0.00	7.98	0.00	0	0	0	100	0.00	0.0	5.494	0.150	0	0	0	1
PL.2821	PL.2824	B	4ACSR	7.08Y	118.0	0.00	7.98	0.00	0	0	0	100	0.00	0.0	5.626	0.132	0	0	0	1
484809	PL.2821	B	Consumer	7.08Y	118.0	0.00	7.98	0.00	0	0	0	100	0.00	0.0	5.626	0.000	0	0	1	1
484808	PL.2825	B	Consumer	7.08Y	118.0	0.00	7.98	0.00	0	0	0	100	0.00	0.0	5.344	0.000	0	0	1	1
PL.14601	PL.14436	A	6ACWC	7.17Y	119.4	0.38	6.58	34.42	29	232	85	94	2.68	0.4	5.013	0.245	0	0	0	51
L		B		7.05Y	117.4	0.57	8.55	56.25	48	369	151	93					0	0	0	74
		C		7.26Y	121.1	0.14	4.95	23.12	20	158	58	94					0	0	0	42
PL.19064	PL.14601	C	4ACSR	7.26Y	121.1	0.00	4.95	0.96	1	7	2	96	0.00	0.0	5.037	0.024	0	0	0	1
PD.1596	PL.19064	C	fuse6AMP	7.26Y	121.1	0.00	4.95	0.96	16	7	2	96	0.00	0.0	5.037	0.000	0	0	0	1
PL.19065	PD.1596	C	4ACSR	7.26Y	121.1	0.00	4.95	0.96	1	7	2	96	0.00	0.0	5.094	0.057	0	0	0	1
484807	PL.19065	C	Consumer	7.26Y	121.1	0.00	4.95	0.96	0	7	2	96	0.00	0.0	5.094	0.000	7	2	1	1
PL.15795	PL.14601	C	4ACSR	7.26Y	121.1	0.00	4.95	2.47	2	17	6	94	0.00	0.0	5.030	0.017	0	0	0	3
PD.1748	PL.15795	C	fuse6AMP	7.26Y	121.1	0.00	4.95	2.47	42	17	6	94	0.00	0.0	5.030	0.000	0	0	0	3
PL.15591	PD.1748	C	4ACSR	7.26Y	121.0	0.01	4.96	2.47	2	17	6	94	0.00	0.0	5.120	0.090	0	0	0	3
484907	PL.15591	C	Consumer	7.26Y	121.0	0.00	4.96	0.71	0	5	2	93	0.00	0.0	5.120	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\
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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.2822, 484951, 484910, PL.12080, PL.12081, PL.2817, 484966, PL.12079, 484939, PL.7127, PL.12085, PL.12087, PD.1598, PL.12088, PL.46031, 4848019, PL.2820, 484810, PL.12082, PL.12083, 484811, L 484814, PL.12086, PL.12084, L PL.12077, PL.2888, 485804.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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						
L PL.12078	PL.12077	A	6ACWC	7.10Y	118.4	0.19	7.63	29.06	25	194	71	94	1.11	0.2	5.752	0.143	0	0	0	40		
		B		6.96Y	115.9	0.28	10.05	47.25	40	304	126	92					0	0	0	58 L		
		C		7.24Y	120.7	0.07	5.30	19.54	17	133	49	94					0	0	0	36		
L PL.179	PL.12078	A	336ACSR	7.10Y	118.4	0.02	7.65	29.06	7	194	71	94	0.04	0.0	5.798	0.045	0	0	0	40		
		B		6.96Y	115.9	0.02	10.07	46.01	10	296	123	92					0	0	0	56 L		
		C		7.24Y	120.7	-0.00	5.30	18.39	4	125	46	94					0	0	0	34		
L PL.7129	PL.179	A	336ACSR	7.10Y	118.3	0.02	7.67	29.06	7	194	71	94	0.06	0.0	5.855	0.057	0	0	0	40		
		B		6.95Y	115.9	0.02	10.10	46.01	10	296	123	92					0	0	0	56 L		
		C		7.24Y	120.7	-0.00	5.30	18.39	4	125	46	94					0	0	0	34		
L 484963	PL.7129	B	Consumer	6.95Y	115.9	0.00	10.10	0.72	0	5	2	93	0.00	0.0	5.855	0.000	5	2	1	1 L		
L PL.21164	PL.7129	A	336ACSR	7.10Y	118.3	0.01	7.67	29.06	7	194	71	94	0.02	0.0	5.871	0.016	0	0	0	40		
		B		6.95Y	115.9	0.01	10.10	45.29	10	291	121	92					0	0	0	55 L		
		C		7.24Y	120.7	-0.00	5.30	18.39	4	125	46	94					0	0	0	34		
L PD.3519	PL.21164	A	50L	7.10Y	118.3	0.00	7.67	29.06	58	194	71	94	0.00	0.0	5.871	0.000	0	0	0	40		
		B		6.95Y	115.9	0.00	10.10	45.29	91	291	121	92					0	0	0	55 L		
		C		7.24Y	120.7	0.00	5.30	18.39	37	125	46	94					0	0	0	34		
L PL.43775	PD.3519	A	336ACSR	7.10Y	118.3	0.01	7.68	29.06	7	194	71	94	0.02	0.0	5.897	0.026	0	0	0	40		
		B		6.95Y	115.9	0.01	10.12	45.29	10	291	121	92					0	0	0	55 L		
		C		7.24Y	120.7	-0.00	5.30	18.39	4	125	46	94					0	0	0	34		
L PL.43776	PL.43775	A	336ACSR	7.10Y	118.3	0.01	7.69	29.06	7	194	71	94	0.03	0.0	5.932	0.036	0	0	0	40		
		B		6.95Y	115.9	0.02	10.13	45.29	10	291	121	92					0	0	0	55 L		
		C		7.24Y	120.7	-0.00	5.30	18.38	4	125	46	94					0	0	0	33		
L 484968	PL.43776	B	Consumer	6.95Y	115.9	0.00	10.13	1.14	0	7	3	92	0.00	0.0	5.932	0.000	7	3	1	1 L		
L PL.44223	PL.43776	A	336ACSR	7.10Y	118.3	0.01	7.70	29.06	7	194	71	94	0.03	0.0	5.970	0.038	0	0	0	40		
		B		6.95Y	115.9	0.02	10.15	44.15	10	283	118	92					0	0	0	54 L		
		C		7.24Y	120.7	-0.00	5.30	18.38	4	125	46	94					0	0	0	33		
L PL.44224	PL.44223	A	336ACSR	7.10Y	118.3	0.02	7.73	29.06	7	194	71	94	0.06	0.0	6.041	0.071	0	0	0	39		
		B		6.95Y	115.8	0.03	10.18	44.15	10	283	118	92					0	0	0	54 L		
		C		7.24Y	120.7	-0.00	5.30	18.38	4	125	46	94					0	0	0	33		
L PL.42567	PL.44224	B	4ACSR	6.95Y	115.8	0.00	10.18	1.41	1	9	3	95	0.00	0.0	6.048	0.006	0	0	0	3 L		
L PD.8504	PL.42567	B	fuse6AMP	6.95Y	115.8	0.00	10.18	1.41	24	9	3	95	0.00	0.0	6.048	0.000	0	0	0	3 L		
L PL.42568	PD.8504	B	4ACSR	6.95Y	115.8	0.00	10.18	1.41	1	9	3	95	0.00	0.0	6.084	0.036	0	0	0	3 L		
L 484944	PL.42568	B	Consumer	6.95Y	115.8	0.00	10.18	0.53	0	3	1	95	0.00	0.0	6.084	0.000	3	1	1	1 L		
L 4849074	PL.42568	B	Consumer	6.95Y	115.8	0.00	10.18	0.45	0	3	1	95	0.00	0.0	6.084	0.000	3	1	1	1 L		
L 484928	PL.42568	B	Consumer	6.95Y	115.8	0.00	10.18	0.42	0	3	1	95	0.00	0.0	6.084	0.000	3	1	1	1 L		
L 4849070	PL.44224	B	Consumer	6.95Y	115.8	0.00	10.18	0.93	0	6	2	95	0.00	0.0	6.041	0.000	6	2	1	1 L		
L 4849071	PL.44224	C	Consumer	7.24Y	120.7	0.00	5.30	0.60	0	4	1	97	0.00	0.0	6.041	0.000	4	1	1	1		
L PL.39797	PL.44224	A	336ACSR	7.10Y	118.3	0.01	7.73	29.06	7	194	71	94	0.02	0.0	6.061	0.019	0	0	0	39		
		B		6.95Y	115.8	0.01	10.18	41.81	9	268	112	92					0	0	0	50 L		
		C		7.24Y	120.7	0.00	5.30	17.79	4	121	45	94					0	0	0	32		
L PL.39798	PL.39797	A	336ACSR	7.10Y	118.3	0.01	7.74	29.06	7	194	71	94	0.02	0.0	6.083	0.022	0	0	0	39		
		B		6.95Y	115.8	0.01	10.19	41.03	9	263	110	92					0	0	0	49 L		
		C		7.24Y	120.7	0.00	5.30	17.79	4	121	45	94					0	0	0	32		
L 4849075	PL.39798	B	Consumer	6.95Y	115.8	0.00	10.19	0.07	0	0	0	100	0.00	0.0	6.083	0.000	0	0	1	1 L		
L 484961	PL.39798	B	Consumer	6.95Y	115.8	0.00	10.19	1.27	0	8	3	94	0.00	0.0	6.083	0.000	8	3	1	1 L		
L PL.20642	PL.39798	A	336ACSR	7.09Y	118.2	0.01	7.75	29.06	7	194	71	94	0.02	0.0	6.109	0.026	0	0	0	39		
		B		6.95Y	115.8	0.01	10.20	39.69	9	254	107	92					0	0	0	47 L		
		C		7.24Y	120.7	0.00	5.30	17.79	4	121	44	94					0	0	0	32		
L PL.20643	PL.20642	A	336ACSR	7.09Y	118.2	0.01	7.76	29.06	7	194	71	94	0.03	0.0	6.141	0.032	0	0	0	39		
		B		6.95Y	115.8	0.01	10.21	39.23	9	251	106	92					0	0	0	46 L		
		C		7.24Y	120.7	0.00	5.30	17.79	4	121	44	94					0	0	0	32		

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

Unbalanced Voltage Drop Report
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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							% PF	kW Loss	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru
							-Base Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	KW	%						mi	Length		
L PL.20644	PL.20643	A	336ACSR	7.09Y	118.2	0.04	7.80	29.06	7	194	71	94	0.10	0.0	6.274	0.133	0	0	0	39		
		B		6.94Y	115.7	0.05	10.26	38.94	9	249	105	92					0	0	0	44 L		
		C		7.24Y	120.7	0.00	5.30	17.79	4	121	44	94					0	0	0	32		
L 484921	PL.20644	B	Consumer	6.94Y	115.7	0.00	10.26	0.00	0	0	0	100	0.00	0.0	6.274	0.000	0	0	1	1 L		
L PL.42784	PL.20644	A	336ACSR	7.09Y	118.1	0.05	7.86	29.06	7	194	71	94	0.12	0.0	6.443	0.168	0	0	0	39		
		B		6.94Y	115.7	0.05	10.31	36.75	8	235	100	92					0	0	0	40 L		
		C		7.24Y	120.7	0.01	5.31	17.79	4	121	44	94					0	0	0	32		
L PL.42787	PL.42784	B	2ACSR	6.94Y	115.7	0.00	10.31	0.98	1	6	2	95	0.00	0.0	6.446	0.003	0	0	0	1 L		
L PD.8507	PL.42787	B	fuse6AMP	6.94Y	115.7	0.00	10.31	0.98	17	6	2	95	0.00	0.0	6.446	0.000	0	0	0	1 L		
L PL.42788	PD.8507	B	2ACSR	6.94Y	115.7	0.00	10.31	0.98	1	6	2	95	0.00	0.0	6.472	0.026	0	0	0	1 L		
L 484931	PL.42788	B	Consumer	6.94Y	115.7	0.00	10.31	0.98	0	6	2	95	0.00	0.0	6.472	0.000	6	2	1	1 L		
L PL.42789	PL.42784	B	2ACSR	6.94Y	115.7	0.00	10.31	0.08	0	1	0	100	0.00	0.0	6.447	0.004	0	0	0	1 L		
L PD.8506	PL.42789	B	fuse6AMP	6.94Y	115.7	0.00	10.31	0.08	1	1	0	100	0.00	0.0	6.447	0.000	0	0	0	1 L		
L PL.42790	PD.8506	B	2ACSR	6.94Y	115.7	0.00	10.31	0.08	0	1	0	100	0.00	0.0	6.497	0.050	0	0	0	1 L		
L 484937	PL.42790	B	Consumer	6.94Y	115.7	0.00	10.31	0.08	0	1	0	100	0.00	0.0	6.497	0.000	1	0	1	1 L		
L 484916	PL.42790	B	Consumer	6.94Y	115.7	0.00	10.31	0.00	0	0	0	100	0.00	0.0	6.497	0.000	0	0	0	0 L		
L PL.42791	PL.42784	A	336ACSR	7.09Y	118.1	0.04	7.90	29.06	7	193	71	94	0.10	0.0	6.581	0.138	0	0	0	39		
		B		6.94Y	115.6	0.04	10.36	35.69	8	228	97	92					0	0	0	38 L		
		C		7.24Y	120.7	0.01	5.32	17.79	4	121	44	94					0	0	0	32		
L PL.42793	PL.42791	A	336ACSR	7.09Y	118.1	0.01	7.90	29.06	7	193	71	94	0.01	0.0	6.598	0.018	0	0	0	39		
		B		6.94Y	115.6	0.01	10.36	35.69	8	228	97	92					0	0	0	38 L		
		C		7.24Y	120.7	0.00	5.32	17.79	4	121	44	94					0	0	0	32		
L PL.42808	PL.42793	B	2ACSR	6.94Y	115.6	0.00	10.36	1.21	1	8	3	94	0.00	0.0	6.619	0.021	0	0	0	2 L		
L 484920	PL.42808	B	Consumer	6.94Y	115.6	0.00	10.36	1.21	0	8	3	94	0.00	0.0	6.619	0.000	8	3	1	1 L		
L 4849073	PL.42808	B	Consumer	6.94Y	115.6	0.00	10.36	0.00	0	0	0	100	0.00	0.0	6.619	0.000	0	0	1	1 L		
L PL.42799	PL.42793	A	336ACSR	7.08Y	118.1	0.01	7.92	29.06	7	193	71	94	0.03	0.0	6.641	0.043	0	0	0	39		
		B		6.94Y	115.6	0.01	10.37	34.48	8	220	94	92					0	0	0	36 L		
		C		7.24Y	120.7	0.00	5.32	17.79	4	121	44	94					0	0	0	32		
L PL.42800	PL.42799	A	336ACSR	7.08Y	118.1	0.01	7.93	29.06	7	193	71	94	0.03	0.0	6.688	0.047	0	0	0	39		
		B		6.94Y	115.6	0.01	10.39	34.47	8	220	94	92					0	0	0	35 L		
		C		7.24Y	120.7	0.00	5.32	17.79	4	121	44	94					0	0	0	32		
L PL.42797	PL.42800	A	336ACSR	7.08Y	118.0	0.03	7.96	29.06	7	193	71	94	0.07	0.0	6.789	0.101	0	0	0	39		
		B		6.94Y	115.6	0.03	10.42	34.47	8	220	94	92					0	0	0	35 L		
		C		7.24Y	120.7	0.01	5.33	17.79	4	121	44	94					0	0	0	32		
PL.42801	PL.42797	A	2ACSR	7.08Y	118.0	0.00	7.96	0.64	0	4	2	89	0.00	0.0	6.793	0.003	0	0	0	2		
PD.8508	PL.42801	A	fuse6AMP	7.08Y	118.0	0.00	7.96	0.64	11	4	2	89	0.00	0.0	6.793	0.000	0	0	0	2		
PL.42802	PD.8508	A	2ACSR	7.08Y	118.0	0.00	7.97	0.64	0	4	2	89	0.00	0.0	6.879	0.087	0	0	0	2		
484929	PL.42802	A	Consumer	7.08Y	118.0	0.00	7.97	0.00	0	0	0	100	0.00	0.0	6.879	0.000	0	0	1	1		
484901	PL.42802	A	Consumer	7.08Y	118.0	0.00	7.97	0.64	0	4	2	89	0.00	0.0	6.879	0.000	4	2	1	1		
L PL.42811	PL.42797	A	336ACSR	7.08Y	118.0	0.01	7.97	28.41	6	189	69	94	0.02	0.0	6.823	0.034	0	0	0	37		
		B		6.93Y	115.6	0.01	10.43	34.47	8	220	94	92					0	0	0	35 L		
		C		7.24Y	120.7	0.00	5.33	17.79	4	121	44	94					0	0	0	32		
L PD.8141-A	PL.42811	A	Closed	7.08Y	118.0	0.00	7.97	28.41	0	189	69	94	0.00	0.0	6.823	0.000	0	0	0	37		
		B		6.93Y	115.6	0.00	10.43	34.47	0	220	94	92					0	0	0	35 L		
		C		7.24Y	120.7	0.00	5.33	17.79	0	121	44	94					0	0	0	32		
L PD.8141-B	PD.8141-A	A	Closed	7.08Y	118.0	0.00	7.97	28.41	0	189	69	94	0.00	0.0	6.823	0.000	0	0	0	37		
		B		6.93Y	115.6	0.00	10.43	34.47	0	220	94	92					0	0	0	35 L		
		C		7.24Y	120.7	0.00	5.33	17.79	0	121	44	94					0	0	0	32		

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	Length (mi)					KW	KVAR		
L PL.42812	PD.8141-B	A	336ACSR	7.08Y	118.0	0.00	7.98	28.41	6	189	69	94	0.01	0.0	6.837	0.013	0	0	0	37	
		B		6.93Y	115.6	0.00	10.43	34.47	8	220	94	92					0	0	0	35 L	
		C		7.24Y	120.7	0.00	5.33	17.79	4	121	44	94					0	0	0	32	
PL.42813	PL.42812	A	2ACSR	7.08Y	118.0	0.00	7.98	6.22	4	41	15	94	0.00	0.0	6.840	0.003	0	0	0	9	
C PD.8142	PL.42813	A	fuse6AMP	7.08Y	118.0	0.00	7.98	6.22	106	41	15	94	0.00	0.0	6.840	0.000	0	0	0	9 C	
PL.42814	PD.8142	A	2ACSR	7.08Y	118.0	0.01	7.99	6.22	4	41	15	94	0.00	0.0	6.889	0.049	0	0	0	9	
L PL.20051	PL.42814	A	4ACSR	7.08Y	118.0	0.01	8.00	4.71	4	31	11	94	0.00	0.0	6.941	0.052	0	0	0	7 L	
L PL.20050	PL.20051	A	4ACSR	7.08Y	118.0	0.01	8.01	4.17	4	28	10	94	0.00	0.0	6.979	0.038	0	0	0	6 L	
L 484950	PL.20050	A	Consumer	7.08Y	118.0	0.00	8.01	0.77	0	5	2	93	0.00	0.0	6.979	0.000	5	2	1	1 L	
L 484913	PL.20050	A	Consumer	7.08Y	118.0	0.00	8.01	0.94	0	6	2	95	0.00	0.0	6.979	0.000	6	2	1	1 L	
L 484941	PL.20050	A	Consumer	7.08Y	118.0	0.00	8.01	0.81	0	5	2	93	0.00	0.0	6.979	0.000	5	2	1	1 L	
L 484923	PL.20050	A	Consumer	7.08Y	118.0	0.00	8.01	0.67	0	4	2	89	0.00	0.0	6.979	0.000	4	2	1	1 L	
L PL.39605	PL.20050	A	4ACSR	7.08Y	118.0	0.00	8.01	0.99	1	7	2	96	0.00	0.0	7.004	0.025	0	0	0	2 L	
L PL.39604	PL.39605	A	4ACSR	7.08Y	118.0	0.00	8.01	0.99	1	7	2	96	0.00	0.0	7.015	0.011	0	0	0	2 L	
L 484914	PL.39604	A	Consumer	7.08Y	118.0	0.00	8.01	0.48	0	3	1	95	0.00	0.0	7.015	0.000	3	1	1	1 L	
L 484911	PL.39604	A	Consumer	7.08Y	118.0	0.00	8.01	0.51	0	3	1	95	0.00	0.0	7.015	0.000	3	1	1	1 L	
L 484932	PL.20051	A	Consumer	7.08Y	118.0	0.00	8.00	0.54	0	4	1	97	0.00	0.0	6.941	0.000	4	1	1	1 L	
484912	PL.42814	A	Consumer	7.08Y	118.0	0.00	7.99	1.03	0	7	2	96	0.00	0.0	6.889	0.000	7	2	1	1	
484917	PL.42814	A	Consumer	7.08Y	118.0	0.00	7.99	0.48	0	3	1	95	0.00	0.0	6.889	0.000	3	1	1	1	
L PL.45444	PL.42812	A	336ACSR	7.08Y	118.0	0.01	7.99	22.20	5	148	54	94	0.03	0.0	6.884	0.047	0	0	0	28	
		B		6.93Y	115.6	0.02	10.45	34.47	8	220	94	92					0	0	0	35 L	
		C		7.24Y	120.7	0.00	5.33	17.79	4	121	44	94					0	0	0	32	
L PL.45445	PL.45444	A	336ACSR	7.08Y	118.0	0.01	8.00	21.62	5	144	52	94	0.02	0.0	6.923	0.039	0	0	0	27	
		B		6.93Y	115.5	0.01	10.46	34.47	8	220	94	92					0	0	0	35 L	
		C		7.24Y	120.7	0.00	5.33	17.79	4	121	44	94					0	0	0	32	
L PL.42817	PL.45445	B	2ACSR	6.93Y	115.5	0.00	10.46	0.51	0	3	1	95	0.00	0.0	6.927	0.005	0	0	0	1 L	
L PD.8509	PL.42817	B	fuse6AMP	6.93Y	115.5	0.00	10.46	0.51	9	3	1	95	0.00	0.0	6.927	0.000	0	0	0	1 L	
L PL.42816	PD.8509	B	2ACSR	6.93Y	115.5	0.00	10.46	0.51	0	3	1	95	0.00	0.0	6.977	0.049	0	0	0	1 L	
L 484905	PL.42816	B	Consumer	6.93Y	115.5	0.00	10.46	0.51	0	3	1	95	0.00	0.0	6.977	0.000	3	1	1	1 L	
L 484952	PL.45445	B	Consumer	6.93Y	115.5	0.00	10.46	0.63	0	4	2	89	0.00	0.0	6.923	0.000	4	2	1	1 L	
L PL.42818	PL.45445	A	336ACSR	7.08Y	118.0	0.02	8.02	21.62	5	144	52	94	0.05	0.0	7.016	0.094	0	0	0	27 L	
		B		6.93Y	115.5	0.03	10.49	33.34	8	212	91	92					0	0	0	33 L	
		C		7.24Y	120.7	0.00	5.34	17.79	4	121	44	94					0	0	0	32	
L PL.42823	PL.42818	A	4ACSR	7.08Y	118.0	0.00	8.02	0.00	0	0	0	100	0.00	0.0	7.020	0.003	0	0	0	0 L	
L PD.8143	PL.42823	A	fuse6AMP	7.08Y	118.0	0.00	8.02	0.00	0	0	0	100	0.00	0.0	7.020	0.000	0	0	0	0 L	
L PL.43245	PL.42818	A	336ACSR	7.08Y	118.0	0.01	8.03	21.62	5	144	52	94	0.02	0.0	7.061	0.045	0	0	0	27 L	
		B		6.93Y	115.5	0.01	10.51	32.28	7	205	88	92					0	0	0	29 L	
		C		7.24Y	120.7	0.00	5.34	17.79	4	121	44	94					0	0	0	32	
L PL.43246	PL.43245	A	336ACSR	7.08Y	118.0	0.02	8.05	21.63	5	144	53	94	0.05	0.0	7.153	0.092	0	0	0	27 L	
		B		6.93Y	115.5	0.03	10.53	32.29	7	205	89	92					0	0	0	29 L	
		C		7.24Y	120.7	0.00	5.35	16.76	4	114	42	94					0	0	0	31	
L PL.42831	PL.43246	B	1/0EPRJCN	6.93Y	115.5	0.00	10.53	0.56	0	4	1	97	0.00	0.0	7.159	0.006	0	0	0	1 L	
L PD.5176	PL.42831	B	fuse6AMP	6.93Y	115.5	0.00	10.53	0.57	10	4	1	97	0.00	0.0	7.159	0.000	0	0	0	1 L	
L PL.42832	PD.5176	B	1/0EPRJCN	6.93Y	115.5	0.00	10.53	0.57	0	4	1	97	0.00	0.0	7.205	0.047	0	0	0	1 L	

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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 L 4342116, L 4342106, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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 434240	PL.11600	B	Consumer	6.90Y	115.0	0.00	11.03	2.87	0	18	9	89	0.00	0.0	7.885	0.000	18	9	1	1 L
L 4342103	PL.11600	B	Consumer	6.90Y	115.0	0.00	11.03	2.21	0	14	7	89	0.00	0.0	7.885	0.000	14	7	1	1 L
L PL.12067	PL.11601	B	4ACSR	6.90Y	115.0	0.03	10.98	8.16	7	52	21	93	0.01	0.0	7.796	0.086	0	0	0	11 L
L 434285	PL.12067	B	Consumer	6.90Y	115.0	0.00	10.98	0.00	0	0	0	100	0.00	0.0	7.796	0.000	0	0	0	0 L
L PL.6419	PL.12067	B	4ACSR	6.90Y	115.0	0.03	11.02	8.16	7	52	21	93	0.01	0.0	7.889	0.093	0	0	0	11 L
L PL.30971	PL.6419	B	4ACSR	6.90Y	115.0	0.03	11.05	8.16	7	52	21	93	0.01	0.0	7.972	0.083	0	0	0	11 L
L PL.30972	PL.30971	B	4ACSR	6.90Y	114.9	0.00	11.05	8.16	7	52	21	93	0.00	0.0	7.981	0.009	0	0	0	11 L
L PL.39626	PL.30972	B	4ACSR	6.90Y	114.9	0.00	11.05	0.03	0	0	0	100	0.00	0.0	7.982	0.002	0	0	0	1 L
L PD.7002-A	PL.39626	B	Closed	6.90Y	114.9	0.00	11.05	0.03	0	0	0	100	0.00	0.0	7.982	0.000	0	0	0	1 L
L PD.7002-B	PD.7002-A	B	Closed	6.90Y	114.9	0.00	11.05	0.03	0	0	0	100	0.00	0.0	7.982	0.000	0	0	0	1 L
L PL.39627	PD.7002-B	B	4ACSR	6.90Y	114.9	0.00	11.05	0.03	0	0	0	100	0.00	0.0	7.987	0.005	0	0	0	1 L
L PL.39623	PL.39627	B	4ACSR	6.90Y	114.9	0.00	11.05	0.03	0	0	0	100	0.00	0.0	8.159	0.171	0	0	0	1 L
L PL.11598	PL.39623	B	4ACSR	6.90Y	114.9	0.00	11.05	0.03	0	0	0	100	0.00	0.0	8.217	0.058	0	0	0	1 L
L 434237	PL.11598	B	Consumer	6.90Y	114.9	0.00	11.05	0.03	0	0	0	100	0.00	0.0	8.217	0.000	0	0	1	1 L
L PL.40548	PL.11598	B	4ACSR	6.90Y	114.9	0.00	11.05	0.00	0	0	0	100	0.00	0.0	8.266	0.049	0	0	0	0 L
L PD.7220-A	PL.40548	B	Open	6.90Y	114.9	0.00	11.05	0.00	0	0	0	100	0.00	0.0	8.266	0.000	0	0	0	0 L
L PL.27567	PL.30972	B	4ACSR	6.90Y	114.9	0.00	11.05	1.10	1	7	3	92	0.00	0.0	7.999	0.019	0	0	0	3 L
L PD.1390	PL.27567	B	fuse6AMP	6.90Y	114.9	0.00	11.05	1.10	19	7	3	92	0.00	0.0	7.999	0.000	0	0	0	3 L
L PL.27568	PD.1390	B	4ACSR	6.90Y	114.9	0.00	11.06	1.10	1	7	3	92	0.00	0.0	8.093	0.094	0	0	0	3 L
L PL.2529	PL.27568	B	4ACSR	6.90Y	114.9	0.00	11.06	1.10	1	7	3	92	0.00	0.0	8.141	0.048	0	0	0	3 L
L PL.18004	PL.2529	B	4ACSR	6.90Y	114.9	0.00	11.06	1.10	1	7	3	92	0.00	0.0	8.142	0.001	0	0	0	3 L
L 434247	PL.18004	B	Consumer	6.90Y	114.9	0.00	11.06	0.00	0	0	0	100	0.00	0.0	8.142	0.000	0	0	1	1 L
L PL.2530	PL.18004	B	4ACSR	6.90Y	114.9	0.00	11.06	1.10	1	7	3	92	0.00	0.0	8.168	0.026	0	0	0	1 L
L 434251	PL.2530	B	Consumer	6.90Y	114.9	0.00	11.06	1.10	0	7	3	92	0.00	0.0	8.168	0.000	7	3	1	1 L
L PL.18005	PL.18004	B	4ACSR	6.90Y	114.9	0.00	11.06	0.00	0	0	0	100	0.00	0.0	8.185	0.043	0	0	0	1 L
L 434316	PL.18005	B	Consumer	6.90Y	114.9	0.00	11.06	0.00	0	0	0	100	0.00	0.0	8.185	0.000	0	0	1	1 L
L PL.11594	PL.30972	B	4ACSR	6.90Y	114.9	0.00	11.05	7.03	6	45	19	92	0.00	0.0	7.984	0.003	0	0	0	7 L
L PD.6999-A	PL.11594	B	Closed	6.90Y	114.9	0.00	11.05	7.03	0	45	19	92	0.00	0.0	7.984	0.000	0	0	0	7 L
L PD.6999-B	PD.6999-A	B	Closed	6.90Y	114.9	0.00	11.05	7.03	0	45	19	92	0.00	0.0	7.984	0.000	0	0	0	7 L
L PL.27565	PD.6999-B	B	4ACSR	6.90Y	114.9	0.00	11.05	7.03	6	45	19	92	0.00	0.0	7.994	0.010	0	0	0	7 L
L PL.27566	PL.27565	B	4ACSR	6.89Y	114.9	0.04	11.10	7.03	6	45	19	92	0.01	0.0	8.121	0.127	0	0	0	7 L
L PL.2533	PL.27566	B	4ACSR	6.89Y	114.9	0.01	11.11	5.13	4	32	14	92	0.00	0.0	8.174	0.053	0	0	0	3 L
L PL.2534	PL.2533	B	4ACSR	6.89Y	114.9	0.02	11.13	5.13	4	32	14	92	0.00	0.0	8.247	0.073	0	0	0	3 L
L PL.2535	PL.2534	B	4ACSR	6.89Y	114.9	0.01	11.14	5.13	4	32	14	92	0.00	0.0	8.300	0.053	0	0	0	3 L
L 434255	PL.2535	B	Consumer	6.89Y	114.9	0.00	11.14	0.00	0	0	0	100	0.00	0.0	8.300	0.000	0	0	0	0 L
L PL.43726	PL.2535	B	4ACSR	6.89Y	114.9	0.01	11.15	3.15	3	20	9	91	0.00	0.0	8.345	0.045	0	0	0	2 L
L PD.8319	PL.43726	B	fuse6AMP	6.89Y	114.9	0.00	11.15	3.15	54	20	9	91	0.00	0.0	8.345	0.000	0	0	0	2 L
L PL.43727	PD.8319	B	4ACSR	6.89Y	114.8	0.02	11.17	3.15	3	20	9	91	0.00	0.0	8.502	0.157	0	0	0	2 L

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.6420	PL.43727	B	4ACSR	6.89Y	114.8	0.00	11.17	3.15	3	20	9	91	0.00	0.0	8.527	0.025	0	0	0	2	L
L PL.6421	PL.6420	B	4ACSR	6.89Y	114.8	0.00	11.17	0.52	0	3	2	83	0.00	0.0	8.560	0.033	0	0	0	1	L
L 434322	PL.6421	B	Consumer	6.89Y	114.8	0.00	11.17	0.52	0	3	2	83	0.00	0.0	8.560	0.000	3	2	1	1	L
L 434218	PL.6420	B	Consumer	6.89Y	114.8	0.00	11.17	2.63	0	16	8	89	0.00	0.0	8.527	0.000	16	8	1	1	L
L PL.39624	PL.2535	B	4ACSR	6.89Y	114.9	0.00	11.14	1.98	2	13	5	93	0.00	0.0	8.306	0.006	0	0	0	1	L
L PD.7001	PL.39624	B	fuse6AMP	6.89Y	114.9	0.00	11.14	1.98	34	13	5	93	0.00	0.0	8.306	0.000	0	0	0	1	L
L PL.39625	PD.7001	B	4ACSR	6.89Y	114.9	0.00	11.14	1.98	2	13	5	93	0.00	0.0	8.342	0.036	0	0	0	1	L
L 434267	PL.39625	B	Consumer	6.89Y	114.9	0.00	11.14	1.98	0	13	5	93	0.00	0.0	8.342	0.000	13	5	1	1	L
L PL.2531	PL.27566	B	4ACSR	6.89Y	114.9	0.00	11.10	1.90	2	12	4	95	0.00	0.0	8.169	0.048	0	0	0	4	L
L 434210	PL.2531	B	Consumer	6.89Y	114.9	0.00	11.10	1.06	0	7	2	96	0.00	0.0	8.169	0.000	7	2	1	1	L
L PL.2532	PL.2531	B	4ACSR	6.89Y	114.9	0.00	11.10	0.85	1	5	2	93	0.00	0.0	8.230	0.060	0	0	0	3	L
L PL.2538	PL.2532	B	4ACSR	6.89Y	114.9	0.00	11.10	0.48	0	3	1	95	0.00	0.0	8.302	0.072	0	0	0	2	L
L 434243	PL.2538	B	Consumer	6.89Y	114.9	0.00	11.10	0.47	0	3	1	95	0.00	0.0	8.302	0.000	3	1	1	1	L
L 434244	PL.2538	B	Consumer	6.89Y	114.9	0.00	11.10	0.01	0	0	0	100	0.00	0.0	8.302	0.000	0	0	1	1	L
L 434259	PL.2532	B	Consumer	6.89Y	114.9	0.00	11.10	0.00	0	0	0	100	0.00	0.0	8.230	0.000	0	0	0	0	L
L 434239	PL.2532	B	Consumer	6.89Y	114.9	0.00	11.10	0.37	0	2	1	89	0.00	0.0	8.230	0.000	2	1	1	1	L
L 434246	PL.11601	B	Consumer	6.90Y	115.1	0.00	10.95	0.00	0	0	0	100	0.00	0.0	7.710	0.000	0	0	1	1	L
L PL.42859	PL.6418	B	4ACSR	6.91Y	115.2	0.00	10.77	0.39	0	3	1	95	0.00	0.0	7.598	0.058	0	0	0	1	L
L 434269	PL.42859	B	Consumer	6.91Y	115.2	0.00	10.77	0.39	0	3	1	95	0.00	0.0	7.598	0.000	3	1	1	1	L
L 4342101	PL.31883	B	Consumer	6.92Y	115.3	0.00	10.68	1.39	0	9	3	95	0.00	0.0	7.461	0.000	9	3	1	1	L
L 434256	PL.31883	B	Consumer	6.92Y	115.3	0.00	10.68	0.00	0	0	0	100	0.00	0.0	7.461	0.000	0	0	0	0	L
PL.42858	PL.42854	C	4ACSR	7.24Y	120.6	0.01	5.36	16.76	14	114	42	94	0.00	0.0	7.433	0.007	0	0	0	31	
PD.8149	PL.42858	C	25L	7.24Y	120.6	0.00	5.36	16.76	67	114	42	94	0.00	0.0	7.433	0.000	0	0	0	31	
PL.42857	PD.8149	C	4ACSR	7.24Y	120.6	0.01	5.37	16.76	14	114	42	94	0.01	0.0	7.449	0.016	0	0	0	31	
PL.40493	PL.42857	C	4ACSR	7.24Y	120.6	0.02	5.39	16.76	14	114	42	94	0.02	0.0	7.473	0.024	0	0	0	31	
434222	PL.40493	C	Consumer	7.24Y	120.6	0.00	5.39	1.16	0	8	3	94	0.00	0.0	7.473	0.000	8	3	1	1	
434261	PL.40493	C	Consumer	7.24Y	120.6	0.00	5.39	0.03	0	0	0	100	0.00	0.0	7.473	0.000	0	0	1	1	
PL.12108	PL.40493	C	4ACSR	7.23Y	120.6	0.05	5.44	15.57	13	106	39	94	0.04	0.0	7.544	0.071	0	0	0	29	
PL.39408	PL.12108	C	4ACSR	7.23Y	120.6	0.00	5.44	3.25	3	22	8	94	0.00	0.0	7.548	0.005	0	0	0	7	
PD.7097	PL.39408	C	fuse6AMP	7.23Y	120.6	0.00	5.44	3.25	56	22	8	94	0.00	0.0	7.548	0.000	0	0	0	7	
PL.39409	PD.7097	C	4ACSR	7.23Y	120.6	0.00	5.45	3.25	3	22	8	94	0.00	0.0	7.575	0.027	0	0	0	7	
PL.12110	PL.39409	C	4ACSR	7.23Y	120.5	0.01	5.46	1.99	2	14	5	94	0.00	0.0	7.687	0.112	0	0	0	3	
PL.12111	PL.12110	C	4ACSR	7.23Y	120.5	0.00	5.46	1.54	1	10	4	93	0.00	0.0	7.690	0.003	0	0	0	2	
PL.2541	PL.12111	C	4ACSR	7.23Y	120.5	0.01	5.47	1.54	1	10	4	93	0.00	0.0	7.822	0.132	0	0	0	2	
PL.2542	PL.2541	C	4ACSR	7.23Y	120.5	0.00	5.47	1.54	1	10	4	93	0.00	0.0	7.884	0.062	0	0	0	2	
PL.2540	PL.2542	C	4ACSR	7.23Y	120.5	0.01	5.48	1.54	1	10	4	93	0.00	0.0	7.964	0.080	0	0	0	2	
434262	PL.2540	C	Consumer	7.23Y	120.5	0.00	5.48	1.50	0	10	4	93	0.00	0.0	7.964	0.000	10	4	1	1	
434229	PL.2540	C	Consumer	7.23Y	120.5	0.00	5.48	0.00	0	0	0	100	0.00	0.0	7.964	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	kW Loss	% Loss		Length (mi)	KW			KVAR	
434228	PL.2540	C	Consumer	7.23Y	120.5	0.00	5.48	0.04	0	0	0	100	0.00	0.0	7.964	0.000	0	0	1	1
434293	PL.12110	C	Consumer	7.23Y	120.5	0.00	5.46	0.45	0	3	1	95	0.00	0.0	7.687	0.000	3	1	1	1
4342110	PL.12110	C	Consumer	7.23Y	120.5	0.00	5.46	0.00	0	0	0	100	0.00	0.0	7.687	0.000	0	0	0	0
PL.19820	PL.39409	C	4ACSR	7.23Y	120.6	0.00	5.45	1.27	1	9	3	95	0.00	0.0	7.638	0.063	0	0	0	4
PL.20654	PL.19820	C	4ACSR	7.23Y	120.5	0.00	5.45	0.28	0	2	1	89	0.00	0.0	7.725	0.088	0	0	0	2
434299	PL.20654	C	Consumer	7.23Y	120.5	0.00	5.45	0.05	0	0	0	100	0.00	0.0	7.725	0.000	0	0	1	1
434231	PL.20654	C	Consumer	7.23Y	120.5	0.00	5.45	0.00	0	0	0	100	0.00	0.0	7.725	0.000	0	0	0	0
PL.33989	PL.20654	C	2ACSR	7.23Y	120.5	0.00	5.45	0.23	0	2	1	89	0.00	0.0	7.783	0.058	0	0	0	1
4342105	PL.33989	C	Consumer	7.23Y	120.5	0.00	5.45	0.23	0	2	1	89	0.00	0.0	7.783	0.000	2	1	1	1
434216	PL.19820	C	Consumer	7.23Y	120.6	0.00	5.45	0.97	0	7	2	96	0.00	0.0	7.638	0.000	7	2	1	1
434296	PL.19820	C	Consumer	7.23Y	120.6	0.00	5.45	0.02	0	0	0	100	0.00	0.0	7.638	0.000	0	0	1	1
PL.27982	PL.12108	C	4ACSR	7.23Y	120.5	0.03	5.47	12.32	10	84	31	94	0.02	0.0	7.594	0.051	0	0	0	22
PL.27981	PL.27982	C	4ACSR	7.23Y	120.5	0.07	5.54	11.57	10	78	29	94	0.04	0.1	7.726	0.132	0	0	0	21
434234	PL.27981	C	Consumer	7.23Y	120.5	0.00	5.54	0.19	0	1	0	100	0.00	0.0	7.726	0.000	1	0	1	1
4342117	PL.27981	C	Consumer	7.23Y	120.5	0.00	5.54	0.00	0	0	0	100	0.00	0.0	7.726	0.000	0	0	0	0
434202	PL.27981	C	Consumer	7.23Y	120.5	0.00	5.54	0.28	0	2	1	89	0.00	0.0	7.726	0.000	2	1	1	1
434223	PL.27981	C	Consumer	7.23Y	120.5	0.00	5.54	0.00	0	0	0	100	0.00	0.0	7.726	0.000	0	0	0	0
PL.12107	PL.27981	C	4ACSR	7.23Y	120.4	0.04	5.58	11.09	9	75	28	94	0.02	0.0	7.809	0.082	0	0	0	19
PL.39412	PL.12107	C	4ACSR	7.23Y	120.4	0.00	5.58	7.00	6	47	17	94	0.00	0.0	7.813	0.005	0	0	0	9
C PD.7099	PL.39412	C	fuse6AMP	7.23Y	120.4	0.00	5.58	7.00	120	47	17	94	0.00	0.0	7.813	0.000	0	0	0	9 C
PL.39413	PD.7099	C	4ACSR	7.22Y	120.4	0.02	5.61	7.00	6	47	17	94	0.01	0.0	7.887	0.074	0	0	0	9
PL.6442	PL.39413	C	4ACSR	7.22Y	120.4	0.01	5.61	1.50	1	10	4	93	0.00	0.0	7.984	0.098	0	0	0	2
434295	PL.6442	C	Consumer	7.22Y	120.4	0.00	5.61	0.64	0	4	2	89	0.00	0.0	7.984	0.000	4	2	1	1
PL.6443	PL.6442	C	4ACSR	7.22Y	120.4	0.00	5.62	0.86	1	6	2	95	0.00	0.0	8.057	0.072	0	0	0	1
434258	PL.6443	C	Consumer	7.22Y	120.4	0.00	5.62	0.86	0	6	2	95	0.00	0.0	8.057	0.000	6	2	1	1
PL.6429	PL.39413	C	4ACSR	7.22Y	120.4	0.01	5.61	3.68	3	25	9	94	0.00	0.0	7.924	0.037	0	0	0	5
PL.6436	PL.6429	C	4ACSR	7.22Y	120.4	0.01	5.62	2.49	2	17	6	94	0.00	0.0	7.979	0.055	0	0	0	4
433211	PL.6436	C	Consumer	7.22Y	120.4	0.00	5.62	0.56	0	4	1	97	0.00	0.0	7.979	0.000	4	1	1	1
4332015	PL.6436	C	Consumer	7.22Y	120.4	0.00	5.62	0.00	0	0	0	100	0.00	0.0	7.979	0.000	0	0	0	0
433209	PL.6436	C	Consumer	7.22Y	120.4	0.00	5.62	0.60	0	4	1	97	0.00	0.0	7.979	0.000	4	1	1	1
433208	PL.6436	C	Consumer	7.22Y	120.4	0.00	5.62	0.16	0	1	0	100	0.00	0.0	7.979	0.000	1	0	1	1
PL.2448	PL.6436	C	4ACSR	7.22Y	120.4	0.00	5.62	0.00	0	0	0	100	0.00	0.0	8.017	0.038	0	0	0	0
433213	PL.2448	C	Consumer	7.22Y	120.4	0.00	5.62	0.00	0	0	0	100	0.00	0.0	8.017	0.000	0	0	0	0
PL.2449	PL.6436	C	4ACSR	7.22Y	120.4	0.00	5.62	0.00	0	0	0	100	0.00	0.0	8.028	0.049	0	0	0	0
PL.2544	PL.6436	C	4ACSR	7.22Y	120.4	0.00	5.62	1.17	1	8	3	94	0.00	0.0	8.067	0.088	0	0	0	1
433210	PL.2544	C	Consumer	7.22Y	120.4	0.00	5.62	1.17	0	8	3	94	0.00	0.0	8.067	0.000	8	3	1	1
433212	PL.6429	C	Consumer	7.22Y	120.4	0.00	5.61	1.19	0	8	3	94	0.00	0.0	7.924	0.000	8	3	1	1
PL.2426	PL.39413	C	4ACSR	7.22Y	120.4	0.01	5.61	1.82	2	12	4	95	0.00	0.0	7.953	0.066	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	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
434254	PL.2426	C	Consumer	7.22Y	120.4	0.00	5.61	1.18	0	8	3	94	0.00	0.0	7.953	0.000	8	3	1	1
433214	PL.2426	C	Consumer	7.22Y	120.4	0.00	5.61	0.64	0	4	2	89	0.00	0.0	7.953	0.000	4	2	1	1
PL.39410	PL.12107	C	4ACSR	7.23Y	120.4	0.00	5.58	0.12	0	1	0	100	0.00	0.0	7.813	0.004	0	0	0	1
PD.7098	PL.39410	C	fuse6AMP	7.23Y	120.4	0.00	5.58	0.12	2	1	0	100	0.00	0.0	7.813	0.000	0	0	0	1
PL.39411	PD.7098	C	4ACSR	7.23Y	120.4	0.00	5.58	0.12	0	1	0	100	0.00	0.0	7.936	0.123	0	0	0	1
434224	PL.39411	C	Consumer	7.23Y	120.4	0.00	5.58	0.12	0	1	0	100	0.00	0.0	7.936	0.000	1	0	1	1
PL.12106	PL.12107	C	4ACSR	7.22Y	120.4	0.01	5.59	3.97	3	27	10	94	0.00	0.0	7.844	0.035	0	0	0	9
434201	PL.12106	C	Consumer	7.22Y	120.4	0.00	5.59	0.82	0	6	2	95	0.00	0.0	7.844	0.000	6	2	1	1
434235	PL.12106	C	Consumer	7.22Y	120.4	0.00	5.59	0.00	0	0	0	100	0.00	0.0	7.844	0.000	0	0	1	1
PL.6422	PL.12106	C	4ACSR	7.22Y	120.4	0.01	5.60	3.15	3	21	8	93	0.00	0.0	7.932	0.089	0	0	0	7
PL.12101	PL.6422	C	4ACSR	7.22Y	120.4	0.01	5.61	3.15	3	21	8	93	0.00	0.0	8.017	0.085	0	0	0	7
PL.44642	PL.12101	C	4ACSR	7.22Y	120.4	0.00	5.61	2.76	2	19	7	94	0.00	0.0	8.036	0.018	0	0	0	5
PD.8587	PL.44642	C	fuse6AMP	7.22Y	120.4	0.00	5.61	2.76	47	19	7	94	0.00	0.0	8.036	0.000	0	0	0	5
PL.44643	PD.8587	C	4ACSR	7.22Y	120.4	0.01	5.63	2.76	2	19	7	94	0.00	0.0	8.146	0.111	0	0	0	5
PL.12105	PL.44643	C	4ACSR	7.22Y	120.4	0.01	5.63	1.63	1	11	4	94	0.00	0.0	8.215	0.069	0	0	0	3
PL.7138	PL.12105	C	4ACSR	7.22Y	120.4	0.01	5.65	1.63	1	11	4	94	0.00	0.0	8.380	0.165	0	0	0	3
PL.2543	PL.7138	C	4ACSR	7.22Y	120.4	0.00	5.65	0.00	0	0	0	100	0.00	0.0	8.380	0.000	0	0	0	0
PL.2429	PL.7138	C	4ACSR	7.22Y	120.4	0.00	5.65	1.63	1	11	4	94	0.00	0.0	8.409	0.029	0	0	0	3
PL.2428	PL.2429	C	4ACSR	7.22Y	120.3	0.00	5.65	0.71	1	5	2	93	0.00	0.0	8.478	0.069	0	0	0	2
433201	PL.2428	C	Consumer	7.22Y	120.3	0.00	5.65	0.43	0	3	1	95	0.00	0.0	8.478	0.000	3	1	1	1
PL.2427	PL.2428	C	4ACSR	7.22Y	120.3	0.00	5.65	0.28	0	2	1	89	0.00	0.0	8.525	0.048	0	0	0	1
PL.2834	PL.2427	C	4ACSR	7.22Y	120.3	0.00	5.65	0.28	0	2	1	89	0.00	0.0	8.684	0.159	0	0	0	1
PL.2835	PL.2834	C	4ACSR	7.22Y	120.3	0.00	5.65	0.00	0	0	0	100	0.00	0.0	8.805	0.120	0	0	0	0
PL.2430	PL.2835	C	4ACSR	7.22Y	120.3	0.00	5.65	0.00	0	0	0	100	0.00	0.0	9.007	0.202	0	0	0	0
PL.2431	PL.2430	C	4ACSR	7.22Y	120.3	0.00	5.65	0.00	0	0	0	100	0.00	0.0	9.121	0.114	0	0	0	0
483915	PL.2834	C	Consumer	7.22Y	120.3	0.00	5.65	0.28	0	2	1	89	0.00	0.0	8.684	0.000	2	1	1	1
PL.6423	PL.2429	C	4ACSR	7.22Y	120.3	0.01	5.65	0.93	1	6	2	95	0.00	0.0	8.553	0.144	0	0	0	1
PL.6424	PL.6423	C	4ACSR	7.22Y	120.3	0.00	5.66	0.93	1	6	2	95	0.00	0.0	8.621	0.068	0	0	0	1
433203	PL.6424	C	Consumer	7.22Y	120.3	0.00	5.66	0.93	0	6	2	95	0.00	0.0	8.621	0.000	6	2	1	1
483922	PL.12105	C	Consumer	7.22Y	120.4	0.00	5.63	0.00	0	0	0	100	0.00	0.0	8.215	0.000	0	0	0	0
PL.2592	PL.44643	C	4ACSR	7.22Y	120.4	0.00	5.63	1.13	1	8	3	94	0.00	0.0	8.186	0.040	0	0	0	2
483944	PL.2592	C	Consumer	7.22Y	120.4	0.00	5.63	0.04	0	0	0	100	0.00	0.0	8.186	0.000	0	0	1	1
4839047	PL.2592	C	Consumer	7.22Y	120.4	0.00	5.63	1.08	0	7	3	92	0.00	0.0	8.186	0.000	7	3	1	1
PL.12100	PL.12101	C	4ACSR	7.22Y	120.4	0.00	5.61	0.39	0	3	1	95	0.00	0.0	8.039	0.022	0	0	0	2
PL.40551	PL.12100	C	4ACSR	7.22Y	120.4	0.00	5.61	0.00	0	0	0	100	0.00	0.0	8.078	0.039	0	0	0	0
PD.7221-B	PL.40551	C	Open	7.22Y	120.4	0.00	5.61	0.00	0	0	0	100	0.00	0.0	8.078	0.000	0	0	0	0
PL.2829	PL.12100	C	4ACSR	7.22Y	120.4	0.00	5.62	0.39	0	3	1	95	0.00	0.0	8.176	0.137	0	0	0	2
PL.2828	PL.2829	C	4ACSR	7.22Y	120.4	0.00	5.62	0.39	0	3	1	95	0.00	0.0	8.311	0.135	0	0	0	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.2827	PL.2828	C	4ACSR	7.22Y	120.4	0.00	5.62	0.39	0	3	1	95	0.00	0.0	8.418	0.107	0	0	0	1
484930	PL.2827	C	Consumer	7.22Y	120.4	0.00	5.62	0.39	0	3	1	95	0.00	0.0	8.418	0.000	3	1	1	1
484938	PL.2829	C	Consumer	7.22Y	120.4	0.00	5.62	0.00	0	0	0	100	0.00	0.0	8.176	0.000	0	0	1	1
434226	PL.27982	C	Consumer	7.23Y	120.5	0.00	5.47	0.75	0	5	2	93	0.00	0.0	7.594	0.000	5	2	1	1
L 434221	PL.42852	B	Consumer	6.92Y	115.4	0.00	10.60	0.44	0	3	1	95	0.00	0.0	7.346	0.000	3	1	1	1 L
L 434238	PL.42850	B	Consumer	6.92Y	115.4	0.00	10.59	0.71	0	5	2	93	0.00	0.0	7.313	0.000	5	2	1	1 L
L PL.42849	PL.42846	A	336ACSR	7.08Y	117.9	0.00	8.06	7.32	2	49	18	94	0.00	0.0	7.298	0.005	0	0	0	8 L
L PD.1389	PL.42849	A	fuse6AMP	7.08Y	117.9	0.00	8.06	7.32	125	49	18	94	0.00	0.0	7.298	0.000	0	0	0	8 L
L PL.42848	PD.1389	A	336ACSR	7.08Y	117.9	0.00	8.06	7.32	2	49	18	94	0.00	0.0	7.320	0.022	0	0	0	8 L
L PL.12069	PL.42848	A	4ACSR	7.08Y	117.9	0.00	8.06	6.00	5	40	15	94	0.00	0.0	7.326	0.006	0	0	0	7 L
L PL.12070	PL.12069	A	4ACSR	7.08Y	117.9	0.01	8.07	6.00	5	40	15	94	0.00	0.0	7.360	0.035	0	0	0	7 L
L PL.18686	PL.12070	A	4ACSR	7.08Y	117.9	0.01	8.08	5.45	5	36	13	94	0.00	0.0	7.400	0.039	0	0	0	6 L
L PL.42565	PL.18686	A	4ACSR	7.07Y	117.9	0.00	8.08	2.30	2	15	6	93	0.00	0.0	7.434	0.034	0	0	0	3 L
L PL.42566	PL.42565	A	4ACSR	7.07Y	117.9	0.02	8.10	2.24	2	15	5	95	0.00	0.0	7.623	0.189	0	0	0	2 L
L PL.33741	PL.42566	A	4ACSR	7.07Y	117.9	0.00	8.11	2.24	2	15	5	95	0.00	0.0	7.654	0.031	0	0	0	2 L
L 434282	PL.33741	A	Consumer	7.07Y	117.9	0.00	8.11	1.21	0	8	3	94	0.00	0.0	7.654	0.000	8	3	1	1 L
L 4342108	PL.33741	A	Consumer	7.07Y	117.9	0.00	8.11	1.04	0	7	3	92	0.00	0.0	7.654	0.000	7	3	1	1 L
L PL.33742	PL.42566	A	2ACSR	7.07Y	117.9	0.00	8.10	0.00	0	0	0	100	0.00	0.0	7.679	0.057	0	0	0	0 L
L PD.4018	PL.33742	A	fuse6AMP	7.07Y	117.9	0.00	8.10	0.00	0	0	0	100	0.00	0.0	7.679	0.000	0	0	0	0 L
L PL.45607	PD.4018	A	2ACSR	7.07Y	117.9	0.00	8.10	0.00	0	0	0	100	0.00	0.0	7.787	0.107	0	0	0	0 L
L 4342119	PL.45607	A	Consumer	7.07Y	117.9	0.00	8.10	0.00	0	0	0	100	0.00	0.0	7.787	0.000	0	0	0	0 L
L 4342115	PL.45607	A	Consumer	7.07Y	117.9	0.00	8.10	0.00	0	0	0	100	0.00	0.0	7.787	0.000	0	0	0	0 L
L PL.45608	PL.45607	A	2ACSR	7.07Y	117.9	0.00	8.10	0.00	0	0	0	100	0.00	0.0	7.996	0.209	0	0	0	0 L
L 4342114	PL.45608	A	Consumer	7.07Y	117.9	0.00	8.10	0.00	0	0	0	100	0.00	0.0	7.996	0.000	0	0	0	0 L
L 4342111	PL.42565	A	Consumer	7.07Y	117.9	0.00	8.08	0.06	0	0	0	100	0.00	0.0	7.434	0.000	0	0	1	1 L
L PL.33923	PL.18686	A	2ACSR	7.08Y	117.9	0.00	8.08	0.00	0	0	0	100	0.00	0.0	7.431	0.032	0	0	0	0 L
L 434292	PL.18686	A	Consumer	7.08Y	117.9	0.00	8.08	1.26	0	8	3	94	0.00	0.0	7.400	0.000	8	3	1	1 L
L 4342104	PL.18686	A	Consumer	7.08Y	117.9	0.00	8.08	1.09	0	7	3	92	0.00	0.0	7.400	0.000	7	3	1	1 L
L 434298	PL.18686	A	Consumer	7.08Y	117.9	0.00	8.08	0.80	0	5	2	93	0.00	0.0	7.400	0.000	5	2	1	1 L
L 434291	PL.12070	A	Consumer	7.08Y	117.9	0.00	8.07	0.56	0	4	1	97	0.00	0.0	7.360	0.000	4	1	1	1 L
L PL.12073	PL.42848	A	336ACSR	7.08Y	117.9	0.00	8.06	0.00	0	0	0	100	0.00	0.0	7.322	0.002	0	0	0	0 L
L 4342102	PL.42848	A	Consumer	7.08Y	117.9	0.00	8.06	1.32	0	9	3	95	0.00	0.0	7.320	0.000	9	3	1	1 L
L PL.42841	PL.42834	B	4ACSR	6.93Y	115.5	0.00	10.54	2.48	2	16	6	94	0.00	0.0	7.186	0.006	0	0	0	3 L
L PD.7194-A	PL.42841	B	Closed	6.93Y	115.5	0.00	10.54	2.48	0	16	6	94	0.00	0.0	7.186	0.000	0	0	0	3 L
L PD.7194-B	PD.7194-A	B	Closed	6.93Y	115.5	0.00	10.54	2.48	0	16	6	94	0.00	0.0	7.186	0.000	0	0	0	3 L
L PL.42842	PD.7194-B	B	4ACSR	6.93Y	115.5	0.00	10.55	2.48	2	16	6	94	0.00	0.0	7.224	0.038	0	0	0	3 L
L PL.6417	PL.42842	B	4ACSR	6.93Y	115.5	0.00	10.55	0.00	0	0	0	100	0.00	0.0	7.273	0.049	0	0	0	0 L
L 434236	PL.6417	B	Consumer	6.93Y	115.5	0.00	10.55	0.00	0	0	0	100	0.00	0.0	7.273	0.000	0	0	0	0 L

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	
L 434232	PL.42842	B	Consumer	6.93Y	115.5	0.00	10.55	1.08	0	7	3	92	0.00	0.0	7.224	0.000	7	3	1	1	L
L 4342113	434232	B	Consumer	6.93Y	115.5	0.00	10.55	0.00	0	0	0	100	0.00	0.0	7.224	0.000	0	0	0	0	L
L 434252	PL.42842	B	Consumer	6.93Y	115.5	0.00	10.55	0.85	0	6	2	95	0.00	0.0	7.224	0.000	6	2	1	1	L
L 434278	PL.42842	B	Consumer	6.93Y	115.5	0.00	10.55	0.55	0	4	1	97	0.00	0.0	7.224	0.000	4	1	1	1	L
L 434268	PL.42842	B	Consumer	6.93Y	115.5	0.00	10.55	0.00	0	0	0	100	0.00	0.0	7.224	0.000	0	0	0	0	L
L PL.42839	PL.42834	A	4ACSR	7.08Y	117.9	0.00	8.06	14.30	12	95	35	94	0.00	0.0	7.186	0.005	0	0	0	19	L
L PD.6994	PL.42839	A	25L	7.08Y	117.9	0.00	8.06	14.30	57	95	35	94	0.00	0.0	7.186	0.000	0	0	0	19	L
L PL.42840	PD.6994	A	4ACSR	7.07Y	117.9	0.04	8.10	14.30	12	95	35	94	0.03	0.0	7.246	0.060	0	0	0	19	L
L 4342107	PL.42840	A	Consumer	7.07Y	117.9	0.00	8.10	0.55	0	4	1	97	0.00	0.0	7.246	0.000	4	1	1	1	L
L 434271	PL.42840	A	Consumer	7.07Y	117.9	0.00	8.10	1.23	0	8	3	94	0.00	0.0	7.246	0.000	8	3	1	1	L
L PL.42838	PL.42840	A	4ACSR	7.07Y	117.8	0.06	8.16	12.52	11	83	30	94	0.04	0.0	7.352	0.106	0	0	0	17	L
L PL.39307	PL.42838	A	2ACSR	7.07Y	117.8	0.00	8.16	0.79	1	5	2	93	0.00	0.0	7.356	0.004	0	0	0	1	L
L PD.6897	PL.39307	A	fuse6AMP	7.07Y	117.8	0.00	8.16	0.79	13	5	2	93	0.00	0.0	7.356	0.000	0	0	0	1	L
L PL.39308	PD.6897	A	2ACSR	7.07Y	117.8	0.00	8.16	0.79	1	5	2	93	0.00	0.0	7.386	0.030	0	0	0	1	L
L 4342109	PL.39308	A	Consumer	7.07Y	117.8	0.00	8.16	0.79	0	5	2	93	0.00	0.0	7.386	0.000	5	2	1	1	L
L PL.19819	PL.42838	A	4ACSR	7.07Y	117.8	0.03	8.18	11.70	10	78	28	94	0.02	0.0	7.402	0.050	0	0	0	15	L
L PL.17471	PL.19819	A	4ACSR	7.07Y	117.8	0.02	8.20	10.31	9	68	25	94	0.01	0.0	7.443	0.041	0	0	0	13	L
L PL.6437	PL.17471	A	4ACSR	7.07Y	117.8	0.00	8.20	10.29	9	68	25	94	0.00	0.0	7.444	0.002	0	0	0	12	L
L PL.14333	PL.6437	A	4ACSR	7.07Y	117.8	0.01	8.22	10.29	9	68	25	94	0.01	0.0	7.476	0.032	0	0	0	12	L
L PL.27860	PL.14333	A	4ACSR	7.07Y	117.8	0.01	8.23	8.04	7	53	19	94	0.01	0.0	7.511	0.035	0	0	0	9	L
L PL.27861	PL.27860	A	4ACSR	7.06Y	117.7	0.02	8.25	6.33	5	42	15	94	0.01	0.0	7.578	0.067	0	0	0	7	L
L 434288	PL.27861	A	Consumer	7.06Y	117.7	0.00	8.25	0.71	0	5	2	93	0.00	0.0	7.578	0.000	5	2	1	1	L
L PL.14335	PL.27861	A	4ACSR	7.06Y	117.7	0.04	8.29	5.62	5	37	14	94	0.01	0.0	7.726	0.148	0	0	0	6	L
L PL.14336	PL.14335	A	4ACSR	7.06Y	117.7	0.01	8.30	3.18	3	21	8	93	0.00	0.0	7.772	0.046	0	0	0	4	L
L PL.39316	PL.14336	A	4ACSR	7.06Y	117.7	0.00	8.30	1.54	1	10	4	93	0.00	0.0	7.775	0.003	0	0	0	2	L
L PD.6900	PL.39316	A	fuse6AMP	7.06Y	117.7	0.00	8.30	1.54	26	10	4	93	0.00	0.0	7.775	0.000	0	0	0	2	L
L PL.39317	PD.6900	A	4ACSR	7.06Y	117.7	0.00	8.30	1.54	1	10	4	93	0.00	0.0	7.802	0.027	0	0	0	2	L
L PL.2447	PL.39317	A	4ACSR	7.06Y	117.7	0.00	8.30	1.54	1	10	4	93	0.00	0.0	7.825	0.023	0	0	0	2	L
L 434281	PL.2447	A	Consumer	7.06Y	117.7	0.00	8.30	0.83	0	5	2	93	0.00	0.0	7.825	0.000	5	2	1	1	L
L 434287	PL.2447	A	Consumer	7.06Y	117.7	0.00	8.30	0.71	0	5	2	93	0.00	0.0	7.825	0.000	5	2	1	1	L
L PL.14337	PL.14336	A	4ACSR	7.06Y	117.7	0.00	8.30	1.64	1	11	4	94	0.00	0.0	7.822	0.050	0	0	0	2	L
L PL.14338	PL.14337	A	4ACSR	7.06Y	117.7	0.00	8.30	0.95	1	6	2	95	0.00	0.0	7.872	0.050	0	0	0	1	L
L 434286	PL.14338	A	Consumer	7.06Y	117.7	0.00	8.30	0.95	0	6	2	95	0.00	0.0	7.872	0.000	6	2	1	1	L
L PL.39318	PL.14337	A	4ACSR	7.06Y	117.7	0.00	8.30	0.69	1	5	2	93	0.00	0.0	7.824	0.002	0	0	0	1	L
L PD.6901	PL.39318	A	fuse6AMP	7.06Y	117.7	0.00	8.30	0.69	12	5	2	93	0.00	0.0	7.824	0.000	0	0	0	1	L
L PL.39319	PD.6901	A	4ACSR	7.06Y	117.7	0.00	8.30	0.69	1	5	2	93	0.00	0.0	7.878	0.055	0	0	0	1	L
L 4342100	PL.39319	A	Consumer	7.06Y	117.7	0.00	8.30	0.69	0	5	2	93	0.00	0.0	7.878	0.000	5	2	1	1	L
L PL.6440	PL.14335	A	4ACSR	7.06Y	117.7	0.00	8.29	2.44	2	16	6	94	0.00	0.0	7.728	0.002	0	0	0	2	L

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							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR		
L 434289	PL.6440	A	Consumer	7.06Y	117.7	0.00	8.29	1.21	0	8	3	94	0.00	0.0	7.728	0.000	8	3	1	1	L	
L PL.39320	PL.6440	A	4ACSR	7.06Y	117.7	0.00	8.29	1.23	1	8	3	94	0.00	0.0	7.730	0.003	0	0	0	0	1	L
L PD.6902	PL.39320	A	fuse6AMP	7.06Y	117.7	0.00	8.29	1.23	21	8	3	94	0.00	0.0	7.730	0.000	0	0	0	0	1	L
L PL.39321	PD.6902	A	4ACSR	7.06Y	117.7	0.00	8.29	1.23	1	8	3	94	0.00	0.0	7.782	0.052	0	0	0	0	1	L
L 434290	PL.39321	A	Consumer	7.06Y	117.7	0.00	8.29	1.23	0	8	3	94	0.00	0.0	7.782	0.000	8	3	1	1	L	
L 434294	PL.27860	A	Consumer	7.07Y	117.8	0.00	8.23	0.56	0	4	1	97	0.00	0.0	7.511	0.000	4	1	1	1	L	
L 434275	PL.27860	A	Consumer	7.07Y	117.8	0.00	8.23	1.16	0	8	3	94	0.00	0.0	7.511	0.000	8	3	1	1	L	
L PL.39311	PL.14333	A	4ACSR	7.07Y	117.8	0.00	8.22	2.25	2	15	5	95	0.00	0.0	7.479	0.003	0	0	0	0	3	L
L PD.6899	PL.39311	A	fuse6AMP	7.07Y	117.8	0.00	8.22	2.25	38	15	5	95	0.00	0.0	7.479	0.000	0	0	0	0	3	L
L PL.39314	PD.6899	A	4ACSR	7.07Y	117.8	0.00	8.22	2.25	2	15	5	95	0.00	0.0	7.482	0.003	0	0	0	0	3	L
L PL.39315	PL.39314	A	4ACSR	7.07Y	117.8	0.00	8.22	0.65	1	4	2	89	0.00	0.0	7.531	0.049	0	0	0	0	1	L
L 434277	PL.39315	A	Consumer	7.07Y	117.8	0.00	8.22	0.65	0	4	2	89	0.00	0.0	7.531	0.000	4	2	1	1	L	
L PL.39313	PL.39314	A	4ACSR	7.07Y	117.8	0.00	8.22	1.60	1	11	4	94	0.00	0.0	7.513	0.031	0	0	0	0	2	L
L 434280	PL.39313	A	Consumer	7.07Y	117.8	0.00	8.22	0.81	0	5	2	93	0.00	0.0	7.513	0.000	5	2	1	1	L	
L 434274	PL.39313	A	Consumer	7.07Y	117.8	0.00	8.22	0.79	0	5	2	93	0.00	0.0	7.513	0.000	5	2	1	1	L	
L 434276	PL.17471	A	Consumer	7.07Y	117.8	0.00	8.20	0.01	0	0	0	100	0.00	0.0	7.443	0.000	0	0	1	1	L	
L 4342118	PL.17471	A	Consumer	7.07Y	117.8	0.00	8.20	0.00	0	0	0	100	0.00	0.0	7.443	0.000	0	0	0	0	0	L
L PL.39309	PL.19819	A	4ACSR	7.07Y	117.8	0.00	8.18	1.39	1	9	3	95	0.00	0.0	7.405	0.003	0	0	0	0	2	L
L PD.6898	PL.39309	A	fuse6AMP	7.07Y	117.8	0.00	8.18	1.39	24	9	3	95	0.00	0.0	7.405	0.000	0	0	0	0	2	L
L PL.39310	PD.6898	A	4ACSR	7.07Y	117.8	0.00	8.19	1.39	1	9	3	95	0.00	0.0	7.432	0.027	0	0	0	0	2	L
L 434272	PL.39310	A	Consumer	7.07Y	117.8	0.00	8.19	0.71	0	5	2	93	0.00	0.0	7.432	0.000	5	2	1	1	L	
L 434273	PL.39310	A	Consumer	7.07Y	117.8	0.00	8.19	0.68	0	5	2	93	0.00	0.0	7.432	0.000	5	2	1	1	L	
L 434284	PL.42838	A	Consumer	7.07Y	117.8	0.00	8.16	0.04	0	0	0	100	0.00	0.0	7.352	0.000	0	0	1	1	L	
L PL.43244	PL.43245	A	1/0EPRJCN	7.08Y	118.0	-0.00	8.03	-0.02	0	0	0	100	0.00	0.0	7.098	0.037	0	0	0	0	0	L
L		B		6.93Y	115.5	-0.00	10.51	-0.02	0	0	0	-1			0	0	0	0	0	0	0	L
		C		7.24Y	120.7	0.00	5.34	1.03	1	7	2	95			0	0	0	0	1			L
PL.43247	PL.43244	C	1/0EPRJCN	7.24Y	120.7	0.00	5.34	1.04	1	7	2	96	0.00	0.0	7.124	0.026	0	0	0	0	1	
434220	PL.43247	C	Consumer	7.24Y	120.7	0.00	5.34	1.04	0	7	3	92	0.00	0.0	7.124	0.000	7	3	1	1		
L 4342112	PL.43244	A	Consumer	7.08Y	118.0	0.00	8.03	0.00	0	0	0	100	0.00	0.0	7.098	0.000	0	0	0	0	0	L
L		B		6.93Y	115.5	0.00	10.51	0.00	0	0	0	90			0	0	0	0	0	0	0	L
		C		7.24Y	120.7	0.00	5.34	0.00	0	0	0	90			0	0	0	0	0	0	0	L
L PL.42825	PL.42818	B	4ACSR	6.93Y	115.5	0.00	10.49	0.03	0	0	0	100	0.00	0.0	7.022	0.006	0	0	0	0	2	L
L PD.8144	PL.42825	B	fuse6AMP	6.93Y	115.5	0.00	10.49	0.03	1	0	0	100	0.00	0.0	7.022	0.000	0	0	0	0	2	L
L PL.42826	PD.8144	B	4ACSR	6.93Y	115.5	0.00	10.49	0.03	0	0	0	100	0.00	0.0	7.231	0.209	0	0	0	0	2	L
L PL.2527	PL.42826	B	4ACSR	6.93Y	115.5	0.00	10.49	0.00	0	0	0	100	0.00	0.0	7.342	0.111	0	0	0	0	1	L
L 434219	PL.2527	B	Consumer	6.93Y	115.5	0.00	10.49	0.00	0	0	0	100	0.00	0.0	7.342	0.000	0	0	1	1	L	
L PL.14767	PL.42826	B	4ACSR	6.93Y	115.5	0.00	10.49	0.03	0	0	0	100	0.00	0.0	7.267	0.036	0	0	0	0	1	L
L 434205	PL.14767	B	Consumer	6.93Y	115.5	0.00	10.49	0.03	0	0	0	100	0.00	0.0	7.267	0.000	0	0	1	1	L	
L 434227	PL.42818	B	Consumer	6.93Y	115.5	0.00	10.49	0.32	0	2	1	89	0.00	0.0	7.016	0.000	2	1	1	1	L	
L 434266	PL.42818	B	Consumer	6.93Y	115.5	0.00	10.49	0.71	0	5	2	93	0.00	0.0	7.016	0.000	5	2	1	1	L	

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
484918	PL.45444	A	Consumer	7.08Y	118.0	0.00	7.99	0.58	0	4	1	97	0.00	0.0	6.884	0.000	4	1	1	1
L 484935	PL.42799	B	Consumer	6.94Y	115.6	0.00	10.37	0.00	0	0	0	100	0.00	0.0	6.641	0.000	0	0	1	1 L
L PL.42780	PL.20644	B	2ACSR	6.94Y	115.7	0.00	10.26	2.19	1	14	5	94	0.00	0.0	6.285	0.011	0	0	0	3 L
L PD.8505	PL.42780	B	fuse6AMP	6.94Y	115.7	0.00	10.26	2.19	37	14	5	94	0.00	0.0	6.285	0.000	0	0	0	3 L
L PL.42781	PD.8505	B	2ACSR	6.94Y	115.7	0.00	10.26	2.19	1	14	5	94	0.00	0.0	6.335	0.049	0	0	0	3 L
L 484904	PL.42781	B	Consumer	6.94Y	115.7	0.00	10.26	0.40	0	3	1	95	0.00	0.0	6.335	0.000	3	1	1	1 L
L 484922	PL.42781	B	Consumer	6.94Y	115.7	0.00	10.26	0.75	0	5	2	93	0.00	0.0	6.335	0.000	5	2	1	1 L
L 484915	PL.42781	B	Consumer	6.94Y	115.7	0.00	10.26	1.04	0	7	2	96	0.00	0.0	6.335	0.000	7	2	1	1 L
L 484945	PL.20643	B	Consumer	6.95Y	115.8	0.00	10.21	0.13	0	1	0	100	0.00	0.0	6.141	0.000	1	0	1	1 L
L 484925	PL.20643	B	Consumer	6.95Y	115.8	0.00	10.21	0.16	0	1	0	100	0.00	0.0	6.141	0.000	1	0	1	1 L
L 484965	PL.20642	B	Consumer	6.95Y	115.8	0.00	10.20	0.46	0	3	1	95	0.00	0.0	6.109	0.000	3	1	1	1 L
L 4849072	PL.39797	B	Consumer	6.95Y	115.8	0.00	10.18	0.79	0	5	2	93	0.00	0.0	6.061	0.000	5	2	1	1 L
4849078	PL.44223	A	Consumer	7.10Y	118.3	0.00	7.70	0.00	0	0	0	100	0.00	0.0	5.970	0.000	0	0	0	0
4849079	PL.44223	A	Consumer	7.10Y	118.3	0.00	7.70	0.00	0	0	0	100	0.00	0.0	5.970	0.000	0	0	1	1
4849077	PL.43775	C	Consumer	7.24Y	120.7	0.00	5.30	0.00	0	0	0	100	0.00	0.0	5.897	0.000	0	0	1	1
L PL.24962	PL.12078	A	4ACSR	7.10Y	118.4	-0.00	7.63	0.00	0	0	0	100	0.00	0.0	5.864	0.112	0	0	0	0
		B		6.96Y	115.9	0.01	10.06	1.24	1	8	3	94					0	0	0	2 L
		C		7.24Y	120.7	0.00	5.30	1.15	1	8	3	94					0	0	0	2
L PL.11593	PL.24962	A	4ACSR	7.10Y	118.4	-0.00	7.63	0.00	0	0	0	100	0.00	0.0	5.930	0.066	0	0	0	0
		B		6.96Y	115.9	0.00	10.06	0.78	1	5	2	94					0	0	0	1 L
		C		7.24Y	120.7	0.00	5.31	1.15	1	8	3	94					0	0	0	2
L PL.12311	PL.11593	A	4ACSR	7.10Y	118.4	-0.00	7.63	0.00	0	0	0	100	0.00	0.0	6.296	0.366	0	0	0	0
		B		6.96Y	115.9	0.00	10.06	0.00	0	0	0	100					0	0	0	0 L
		C		7.24Y	120.7	0.02	5.33	1.15	1	8	3	94					0	0	0	2
L PL.39235	PL.12311	A	4ACSR	7.10Y	118.4	0.00	7.63	0.00	0	0	0	100	0.00	0.0	6.423	0.127	0	0	0	0
		B		6.96Y	115.9	0.00	10.06	0.00	0	0	0	100					0	0	0	0 L
		C		7.24Y	120.7	0.00	5.33	0.00	0	0	0	100					0	0	0	0
L PD.6882-B	PL.39235	A	Open	7.10Y	118.4	0.00	7.63	0.00	0	0	0	100	0.00	0.0	6.423	0.000	0	0	0	0
		B		6.96Y	115.9	0.00	10.06	0.00	0	0	0	100					0	0	0	0 L
		C		7.24Y	120.7	0.00	5.33	0.00	0	0	0	100					0	0	0	0
485914	PL.12311	C	Consumer	7.24Y	120.7	0.00	5.33	0.83	0	6	2	95	0.00	0.0	6.296	0.000	6	2	1	1
485913	PL.12311	C	Consumer	7.24Y	120.7	0.00	5.33	0.32	0	2	1	89	0.00	0.0	6.296	0.000	2	1	1	1
L PL.12310	PL.11593	B	4ACSR	6.96Y	115.9	0.00	10.06	0.78	1	5	2	93	0.00	0.0	5.947	0.017	0	0	0	1 L
L PD.1651	PL.12310	B	fuse6AMP	6.96Y	115.9	0.00	10.06	0.78	13	5	2	93	0.00	0.0	5.947	0.000	0	0	0	1 L
L PL.12309	PD.1651	B	4ACSR	6.96Y	115.9	0.00	10.07	0.78	1	5	2	93	0.00	0.0	6.035	0.088	0	0	0	1 L
L 485802	PL.12309	B	Consumer	6.96Y	115.9	0.00	10.07	0.78	0	5	2	93	0.00	0.0	6.035	0.000	5	2	1	1 L
L 485909	PL.24962	B	Consumer	6.96Y	115.9	0.00	10.06	0.46	0	3	1	95	0.00	0.0	5.864	0.000	3	1	1	1 L
PL.12076	PL.12077	A	4ACSR	7.11Y	118.6	0.00	7.44	0.11	0	1	0	100	0.00	0.0	5.622	0.013	0	0	0	1
PD.1650	PL.12076	A	fuse6AMP	7.11Y	118.6	0.00	7.44	0.11	2	1	0	100	0.00	0.0	5.622	0.000	0	0	0	1
PL.12075	PD.1650	A	4ACSR	7.11Y	118.6	0.00	7.44	0.11	0	1	0	100	0.00	0.0	5.688	0.066	0	0	0	1
485801	PL.12075	A	Consumer	7.11Y	118.6	0.00	7.44	0.11	0	1	0	100	0.00	0.0	5.688	0.000	1	0	1	1
484949	PL.7127	A	Consumer	7.13Y	118.9	0.00	7.13	0.83	0	6	2	95	0.00	0.0	5.369	0.000	6	2	1	1
PL.12089	PL.12079	A	4ACSR	7.14Y	119.0	0.00	7.02	3.00	3	20	7	94	0.00	0.0	5.299	0.010	0	0	0	4

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.1597	PL.12089	A	fuse6AMP	7.14Y	119.0	0.00	7.02	3.00	51	20	7	94	0.00	0.0	5.299	0.000	0	0	0	4
PL.12090	PD.1597	A	4ACSR	7.14Y	119.0	0.01	7.02	3.00	3	20	7	94	0.00	0.0	5.338	0.039	0	0	0	4
PL.7128	PL.12090	A	4ACSR	7.14Y	119.0	0.00	7.03	1.69	1	11	4	94	0.00	0.0	5.360	0.022	0	0	0	3
484955	PL.7128	A	Consumer	7.14Y	119.0	0.00	7.03	0.95	0	6	2	95	0.00	0.0	5.360	0.000	6	2	1	1
484964	PL.7128	A	Consumer	7.14Y	119.0	0.00	7.03	0.02	0	0	0	100	0.00	0.0	5.360	0.000	0	0	1	1
484933	PL.7128	A	Consumer	7.14Y	119.0	0.00	7.03	0.72	0	5	2	93	0.00	0.0	5.360	0.000	5	2	1	1
484940	PL.12090	A	Consumer	7.14Y	119.0	0.00	7.02	1.31	0	9	3	95	0.00	0.0	5.338	0.000	9	3	1	1
484806	PL.12080	C	Consumer	7.26Y	121.0	0.00	5.01	0.00	0	0	0	100	0.00	0.0	5.157	0.000	0	0	1	1
L 484812	PL.12080	B	Consumer	7.03Y	117.1	0.00	8.89	0.00	0	0	0	100	0.00	0.0	5.157	0.000	0	0	1	L
L PL.12091	PL.12080	B	4ACSR	7.03Y	117.1	0.00	8.89	8.23	7	54	20	94	0.00	0.0	5.165	0.009	0	0	0	13 L
L PD.1595	PL.12091	B	fuse6AMP	7.03Y	117.1	0.00	8.89	8.23	141	54	20	94	0.00	0.0	5.165	0.000	0	0	0	13 L
L PL.12092	PD.1595	B	4ACSR	7.02Y	117.1	0.03	8.92	8.23	7	54	20	94	0.01	0.0	5.242	0.077	0	0	0	13 L
L 484956	PL.12092	B	Consumer	7.02Y	117.1	0.00	8.92	0.01	0	0	0	100	0.00	0.0	5.242	0.000	0	0	1	L
L PL.20640	PL.12092	B	4ACSR	7.02Y	117.1	0.02	8.94	8.22	7	54	20	94	0.01	0.0	5.299	0.057	0	0	0	12 L
L PL.20641	PL.20640	B	4ACSR	7.02Y	117.0	0.02	8.96	7.90	7	52	19	94	0.01	0.0	5.365	0.066	0	0	0	10 L
L 484948	PL.20641	B	Consumer	7.02Y	117.0	0.00	8.96	0.84	0	6	2	95	0.00	0.0	5.365	0.000	6	2	1	L
L PL.7131	PL.20641	B	4ACSR	7.02Y	117.0	0.01	8.97	7.06	6	47	17	94	0.00	0.0	5.401	0.036	0	0	0	9 L
L PL.12093	PL.7131	B	4ACSR	7.02Y	117.0	0.01	8.98	4.63	4	31	11	94	0.00	0.0	5.428	0.027	0	0	0	6 L
L PL.12094	PL.12093	B	4ACSR	7.02Y	117.0	0.01	8.99	3.10	3	20	7	94	0.00	0.0	5.485	0.057	0	0	0	4 L
L 484954	PL.12094	B	Consumer	7.02Y	117.0	0.00	8.99	0.82	0	5	2	93	0.00	0.0	5.485	0.000	5	2	1	L
L 484936	PL.12094	B	Consumer	7.02Y	117.0	0.00	8.99	0.61	0	4	1	97	0.00	0.0	5.485	0.000	4	1	1	L
L PL.2590	PL.12094	B	4ACSR	7.02Y	117.0	0.01	9.00	1.66	1	11	4	94	0.00	0.0	5.609	0.124	0	0	0	2 L
L PL.2591	PL.2590	B	4ACSR	7.02Y	117.0	0.00	9.00	0.85	1	6	2	95	0.00	0.0	5.698	0.090	0	0	0	1 L
L 484969	PL.2591	B	Consumer	7.02Y	117.0	0.00	9.00	0.85	0	6	2	95	0.00	0.0	5.698	0.000	6	2	1	L
L 4849076	PL.2590	B	Consumer	7.02Y	117.0	0.00	9.00	0.00	0	0	0	100	0.00	0.0	5.609	0.000	0	0	0	0 L
L 484967	PL.2590	B	Consumer	7.02Y	117.0	0.00	9.00	0.81	0	5	2	93	0.00	0.0	5.609	0.000	5	2	1	L
L PL.2810	PL.12093	B	4ACSR	7.02Y	117.0	0.00	8.98	1.54	1	10	4	93	0.00	0.0	5.482	0.054	0	0	0	2 L
L 484962	PL.2810	B	Consumer	7.02Y	117.0	0.00	8.98	0.87	0	6	2	95	0.00	0.0	5.482	0.000	6	2	1	L
L 484959	PL.2810	B	Consumer	7.02Y	117.0	0.00	8.98	0.67	0	4	2	89	0.00	0.0	5.482	0.000	4	2	1	L
L 484960	PL.7131	B	Consumer	7.02Y	117.0	0.00	8.97	1.50	0	10	4	93	0.00	0.0	5.401	0.000	10	4	1	L
L 484957	PL.7131	B	Consumer	7.02Y	117.0	0.00	8.97	0.15	0	1	0	100	0.00	0.0	5.401	0.000	1	0	1	L
L PL.2823	PL.7131	B	4ACSR	7.02Y	117.0	0.00	8.98	0.77	1	5	2	93	0.00	0.0	5.480	0.080	0	0	0	1 L
L 484953	PL.2823	B	Consumer	7.02Y	117.0	0.00	8.98	0.77	0	5	2	93	0.00	0.0	5.480	0.000	5	2	1	L
L 484958	PL.20640	B	Consumer	7.02Y	117.1	0.00	8.94	0.00	0	0	0	100	0.00	0.0	5.299	0.000	0	0	1	L
L 484943	PL.20640	B	Consumer	7.02Y	117.1	0.00	8.94	0.32	0	2	1	89	0.00	0.0	5.299	0.000	2	1	1	L
483824	PL.27742	C	Consumer	7.29Y	121.4	0.00	4.57	0.53	0	4	1	97	0.00	0.0	4.373	0.000	4	1	1	1
483813	PL.27742	B	Consumer	7.14Y	118.9	0.00	7.06	0.26	0	2	1	89	0.00	0.0	4.373	0.000	2	1	1	1
483831	PL.19247	B	Consumer	7.15Y	119.2	0.00	6.80	1.14	0	8	3	94	0.00	0.0	4.261	0.000	8	3	1	1

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
483826	PL.19247	B	Consumer	7.15Y	119.2	0.00	6.80	0.00	0	0	0	100	0.00	0.0	4.261	0.000	0	0	1	1
PL.15791	PL.39442	C	4ACSR	7.29Y	121.5	0.00	4.48	1.69	1	12	4	95	0.00	0.0	4.250	0.022	0	0	0	2
PD.1742	PL.15791	C	fuse6AMP	7.29Y	121.5	0.00	4.48	1.69	29	12	4	95	0.00	0.0	4.250	0.000	0	0	0	2
PL.15792	PD.1742	C	4ACSR	7.29Y	121.5	0.00	4.48	1.69	1	12	4	95	0.00	0.0	4.293	0.043	0	0	0	2
4839045	PL.15792	C	Consumer	7.29Y	121.5	0.00	4.48	0.07	0	1	0	100	0.00	0.0	4.293	0.000	1	0	1	1
483925	PL.15792	C	Consumer	7.29Y	121.5	0.00	4.48	1.61	0	11	4	94	0.00	0.0	4.293	0.000	11	4	1	1
PL.18762	PL.14619	A	6ACWC	7.25Y	120.8	-0.00	5.23	0.00	0	0	0	100	0.00	0.0	4.165	0.005	0	0	0	0
		B		7.17Y	119.4	0.00	6.56	0.00	0	0	0	100			0	0	0	0	0	
		C		7.29Y	121.6	0.00	4.43	14.12	12	97	35	94			0	0	0	0	27	
PL.18763	PL.18762	A	6ACWC	7.25Y	120.8	-0.02	5.21	0.00	0	0	0	100	0.05	0.1	4.270	0.104	0	0	0	0
		B		7.17Y	119.4	0.01	6.57	0.00	0	0	0	100			0	0	0	0	0	
		C		7.29Y	121.5	0.07	4.50	14.12	12	97	35	94			0	0	0	0	27	
PL.14616	PL.18763	A	6ACWC	7.25Y	120.8	-0.00	5.21	0.00	0	0	0	100	0.01	0.0	4.301	0.032	0	0	0	0
		B		7.17Y	119.4	0.00	6.57	0.00	0	0	0	100			0	0	0	0	0	
		C		7.29Y	121.5	0.02	4.52	13.15	11	90	33	94			0	0	0	0	24	
PL.39471	PL.14616	C	4ACSR	7.29Y	121.5	0.00	4.52	4.77	4	33	12	94	0.00	0.0	4.307	0.006	0	0	0	9
C PD.6936	PL.39471	C	fuse6AMP	7.29Y	121.5	0.00	4.52	4.77	81	33	12	94	0.00	0.0	4.307	0.000	0	0	0	9 C
PL.39472	PD.6936	C	4ACSR	7.29Y	121.5	0.01	4.53	4.77	4	33	12	94	0.00	0.0	4.365	0.058	0	0	0	9
PL.26759	PL.39472	C	4ACSR	7.29Y	121.5	0.01	4.54	2.47	2	17	6	94	0.00	0.0	4.416	0.050	0	0	0	4
PL.2811	PL.26759	C	4ACSR	7.29Y	121.5	0.00	4.54	0.48	0	3	1	95	0.00	0.0	4.445	0.029	0	0	0	1
483940	PL.2811	C	Consumer	7.29Y	121.5	0.00	4.54	0.48	0	3	1	95	0.00	0.0	4.445	0.000	3	1	1	1
PL.2587	PL.26759	C	4ACSR	7.29Y	121.5	0.01	4.55	1.99	2	14	5	94	0.00	0.0	4.525	0.109	0	0	0	3
483924	PL.2587	C	Consumer	7.29Y	121.5	0.00	4.55	1.11	0	8	3	94	0.00	0.0	4.525	0.000	8	3	1	1
PL.40588	PL.2587	C	2ACSR	7.29Y	121.4	0.00	4.55	0.88	1	6	2	95	0.00	0.0	4.597	0.072	0	0	0	2
4839046	PL.40588	C	Consumer	7.29Y	121.4	0.00	4.55	0.84	0	6	2	95	0.00	0.0	4.597	0.000	6	2	1	1
4839048	PL.40588	C	Consumer	7.29Y	121.4	0.00	4.55	0.05	0	0	0	100	0.00	0.0	4.597	0.000	0	0	1	1
PL.2586	PL.39472	C	4ACSR	7.29Y	121.5	0.01	4.54	1.98	2	14	5	94	0.00	0.0	4.429	0.063	0	0	0	4
483942	PL.2586	C	Consumer	7.29Y	121.5	0.00	4.54	0.11	0	1	0	100	0.00	0.0	4.429	0.000	1	0	1	1
483906	PL.2586	C	Consumer	7.29Y	121.5	0.00	4.54	0.34	0	2	1	89	0.00	0.0	4.429	0.000	2	1	1	1
483926	PL.2586	C	Consumer	7.29Y	121.5	0.00	4.54	0.22	0	1	1	71	0.00	0.0	4.429	0.000	1	1	1	1
483918	PL.2586	C	Consumer	7.29Y	121.5	0.00	4.54	1.31	0	9	3	95	0.00	0.0	4.429	0.000	9	3	1	1
483907	PL.39472	C	Consumer	7.29Y	121.5	0.00	4.53	0.32	0	2	1	89	0.00	0.0	4.365	0.000	2	1	1	1
483929	PL.14616	C	Consumer	7.29Y	121.5	0.00	4.52	1.61	0	11	4	94	0.00	0.0	4.301	0.000	11	4	1	1
PL.26755	PL.14616	A	6ACWC	7.25Y	120.8	-0.01	5.20	0.00	0	0	0	100	0.01	0.0	4.388	0.087	0	0	0	0
		B		7.17Y	119.4	0.00	6.57	0.00	0	0	0	100			0	0	0	0	0	
		C		7.29Y	121.5	0.03	4.55	6.77	6	46	17	94			0	0	0	0	14	
PL.26761	PL.26755	A	6ACWC	7.25Y	120.8	-0.01	5.19	0.00	0	0	0	100	0.02	0.0	4.577	0.188	0	0	0	0
		B		7.17Y	119.4	0.01	6.58	0.00	0	0	0	100			0	0	0	0	0	
		C		7.28Y	121.4	0.05	4.60	6.02	5	41	15	94			0	0	0	0	13	
PL.26762	PL.26761	A	6ACWC	7.25Y	120.8	-0.00	5.18	0.00	0	0	0	100	0.00	0.0	4.627	0.051	0	0	0	0
		B		7.17Y	119.4	0.00	6.58	0.00	0	0	0	100			0	0	0	0	0	
		C		7.28Y	121.4	0.01	4.61	5.53	5	38	14	94			0	0	0	0	12	
PL.39475	PL.26762	B	4ACSR	7.17Y	119.4	0.00	6.58	0.00	0	0	0	100	0.00	0.0	4.634	0.007	0	0	0	0
PD.6939-A	PL.39475	B	Closed	7.17Y	119.4	0.00	6.58	0.00	0	0	0	100	0.00	0.0	4.634	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.6939-B	PD.6939-A	B	Closed	7.17Y	119.4	0.00	6.58	0.00	0	0	0	0	100	0.00	0.0	4.634	0.000	0	0	0	0
PL.39476	PD.6939-B	B	4ACSR	7.17Y	119.4	0.00	6.58	0.00	0	0	0	0	100	0.00	0.0	4.961	0.327	0	0	0	0
PL.2805	PL.39476	B	4ACSR	7.17Y	119.4	0.00	6.58	0.00	0	0	0	0	100	0.00	0.0	5.047	0.086	0	0	0	0
483902	PL.2805	B	Consumer	7.17Y	119.4	0.00	6.58	0.00	0	0	0	0	100	0.00	0.0	5.047	0.000	0	0	0	0
PL.19907	PL.39476	B	4ACSR	7.17Y	119.4	0.00	6.58	0.00	0	0	0	0	100	0.00	0.0	5.061	0.100	0	0	0	0
PL.19908	PL.19907	B	4ACSR	7.17Y	119.4	0.00	6.58	0.00	0	0	0	0	100	0.00	0.0	5.124	0.063	0	0	0	0
PD.444-B	PL.19908	B	Open	7.17Y	119.4	0.00	6.58	0.00	0	0	0	0	100	0.00	0.0	5.124	0.000	0	0	0	0
PL.39477	PL.26762	C	4ACSR	7.28Y	121.4	0.00	4.61	5.53	5	38	14	94	0.00	0.0	4.635	0.007	0	0	0	12	
PD.6940-A	PL.39477	C	Closed	7.28Y	121.4	0.00	4.61	5.53	0	38	14	94	0.00	0.0	4.635	0.000	0	0	0	12	
PD.6940-B	PD.6940-A	C	Closed	7.28Y	121.4	0.00	4.61	5.53	0	38	14	94	0.00	0.0	4.635	0.000	0	0	0	12	
PL.39478	PD.6940-B	C	4ACSR	7.28Y	121.3	0.04	4.65	5.53	5	38	14	94	0.01	0.0	4.781	0.146	0	0	0	12	
PL.14329	PL.39478	C	4ACSR	7.28Y	121.3	0.02	4.67	4.91	4	34	12	94	0.00	0.0	4.851	0.070	0	0	0	10	
PL.14330	PL.14329	C	4ACSR	7.28Y	121.3	0.01	4.68	4.91	4	34	12	94	0.00	0.0	4.908	0.057	0	0	0	9	
PL.14331	PL.14330	C	4ACSR	7.28Y	121.3	0.01	4.69	4.11	3	28	10	94	0.00	0.0	4.984	0.076	0	0	0	8	
PL.14332	PL.14331	C	4ACSR	7.28Y	121.3	0.02	4.71	3.64	3	25	9	94	0.00	0.0	5.090	0.106	0	0	0	6	
PD.445-A	PL.14332	C	Closed	7.28Y	121.3	0.00	4.71	3.64	0	25	9	94	0.00	0.0	5.090	0.000	0	0	0	6	
PD.445-B	PD.445-A	C	Closed	7.28Y	121.3	0.00	4.71	3.64	0	25	9	94	0.00	0.0	5.090	0.000	0	0	0	6	
PL.12103	PD.445-B	C	4ACSR	7.28Y	121.3	0.02	4.73	3.64	3	25	9	94	0.00	0.0	5.186	0.096	0	0	0	6	
PL.39414	PL.12103	C	4ACSR	7.28Y	121.3	0.00	4.73	1.08	1	7	3	92	0.00	0.0	5.191	0.005	0	0	0	2	
PD.7100	PL.39414	C	fuse6AMP	7.28Y	121.3	0.00	4.73	1.08	18	7	3	92	0.00	0.0	5.191	0.000	0	0	0	2	
PL.39415	PD.7100	C	4ACSR	7.28Y	121.3	0.00	4.73	1.08	1	7	3	92	0.00	0.0	5.256	0.065	0	0	0	2	
483919	PL.39415	C	Consumer	7.28Y	121.3	0.00	4.73	0.66	0	5	2	93	0.00	0.0	5.256	0.000	5	2	1	1	
483920	PL.39415	C	Consumer	7.28Y	121.3	0.00	4.73	0.42	0	3	1	95	0.00	0.0	5.256	0.000	3	1	1	1	
PL.12102	PL.12103	C	4ACSR	7.28Y	121.3	0.01	4.74	2.56	2	17	6	94	0.00	0.0	5.288	0.102	0	0	0	4	
PL.7137	PL.12102	C	4ACSR	7.28Y	121.3	0.00	4.74	1.09	1	7	3	92	0.00	0.0	5.310	0.022	0	0	0	2	
PL.7136	PL.7137	C	4ACSR	7.28Y	121.3	0.00	4.74	1.09	1	7	3	92	0.00	0.0	5.370	0.060	0	0	0	2	
PL.40550	PL.7136	C	4ACSR	7.28Y	121.3	0.00	4.74	0.00	0	0	0	100	0.00	0.0	5.391	0.021	0	0	0	0	
PD.7221-A	PL.40550	C	Open	7.28Y	121.3	0.00	4.74	0.00	0	0	0	100	0.00	0.0	5.391	0.000	0	0	0	0	
483923	PL.7136	C	Consumer	7.28Y	121.3	0.00	4.74	0.74	0	5	2	93	0.00	0.0	5.370	0.000	5	2	1	1	
PL.39416	PL.7136	C	4ACSR	7.28Y	121.3	0.00	4.74	0.35	0	2	1	89	0.00	0.0	5.376	0.006	0	0	0	1	
PD.7101	PL.39416	C	fuse6AMP	7.28Y	121.3	0.00	4.74	0.35	6	2	1	89	0.00	0.0	5.376	0.000	0	0	0	1	
PL.39417	PD.7101	C	4ACSR	7.28Y	121.3	0.00	4.75	0.35	0	2	1	89	0.00	0.0	5.431	0.055	0	0	0	1	
483928	PL.39417	C	Consumer	7.28Y	121.3	0.00	4.75	0.35	0	2	1	89	0.00	0.0	5.431	0.000	2	1	1	1	
483937	PL.12102	C	Consumer	7.28Y	121.3	0.00	4.74	0.72	0	5	2	93	0.00	0.0	5.288	0.000	5	2	1	1	
483936	PL.12102	C	Consumer	7.28Y	121.3	0.00	4.74	0.75	0	5	2	93	0.00	0.0	5.288	0.000	5	2	1	1	
PL.39485	PL.14331	C	4ACSR	7.28Y	121.3	0.00	4.69	0.48	0	3	1	95	0.00	0.0	4.989	0.005	0	0	0	2	
PD.6944	PL.39485	C	fuse6AMP	7.28Y	121.3	0.00	4.69	0.48	8	3	1	95	0.00	0.0	4.989	0.000	0	0	0	2	
PL.39486	PD.6944	C	4ACSR	7.28Y	121.3	0.00	4.70	0.48	0	3	1	95	0.00	0.0	5.027	0.038	0	0	0	2	

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	
483939	PL.39486	C	Consumer	7.28Y	121.3	0.00	4.70	0.47	0	3	1	95	0.00	0.0	5.027	0.000	3	1	1	1
PL.7144	PL.39486	C	4ACSR	7.28Y	121.3	0.00	4.70	0.01	0	0	0	100	0.00	0.0	5.060	0.033	0	0	0	1
483938	PL.7144	C	Consumer	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	5.060	0.000	0	0	0	0
483932	PL.7144	C	Consumer	7.28Y	121.3	0.00	4.70	0.01	0	0	0	100	0.00	0.0	5.060	0.000	0	0	1	1
PL.39483	PL.14330	C	4ACSR	7.28Y	121.3	0.00	4.68	0.80	1	5	2	93	0.00	0.0	4.912	0.004	0	0	0	1
PD.6943	PL.39483	C	fuse6AMP	7.28Y	121.3	0.00	4.68	0.80	14	5	2	93	0.00	0.0	4.912	0.000	0	0	0	1
PL.39484	PD.6943	C	4ACSR	7.28Y	121.3	0.00	4.68	0.80	1	5	2	93	0.00	0.0	4.963	0.051	0	0	0	1
483912	PL.39484	C	Consumer	7.28Y	121.3	0.00	4.68	0.80	0	5	2	93	0.00	0.0	4.963	0.000	5	2	1	1
PL.39481	PL.14329	C	4ACSR	7.28Y	121.3	0.00	4.67	0.00	0	0	0	100	0.00	0.0	4.854	0.003	0	0	0	1
PD.6942	PL.39481	C	fuse6AMP	7.28Y	121.3	0.00	4.67	0.00	0	0	0	100	0.00	0.0	4.854	0.000	0	0	0	1
PL.39482	PD.6942	C	4ACSR	7.28Y	121.3	0.00	4.67	0.00	0	0	0	100	0.00	0.0	4.928	0.073	0	0	0	1
483941	PL.39482	C	Consumer	7.28Y	121.3	0.00	4.67	0.00	0	0	0	100	0.00	0.0	4.928	0.000	0	0	1	1
PL.39479	PL.39478	C	4ACSR	7.28Y	121.3	0.00	4.65	0.61	1	4	2	89	0.00	0.0	4.787	0.007	0	0	0	2
PD.6941	PL.39479	C	fuse6AMP	7.28Y	121.3	0.00	4.65	0.61	10	4	2	89	0.00	0.0	4.787	0.000	0	0	0	2
PL.39480	PD.6941	C	4ACSR	7.28Y	121.3	0.00	4.66	0.61	1	4	2	89	0.00	0.0	4.937	0.149	0	0	0	2
483933	PL.39480	C	Consumer	7.28Y	121.3	0.00	4.66	0.09	0	1	0	100	0.00	0.0	4.937	0.000	1	0	1	1
483910	PL.39480	C	Consumer	7.28Y	121.3	0.00	4.66	0.52	0	4	1	97	0.00	0.0	4.937	0.000	4	1	1	1
PL.39473	PL.26761	C	4ACSR	7.28Y	121.4	0.00	4.60	0.49	0	3	1	95	0.00	0.0	4.586	0.009	0	0	0	1
PD.6938	PL.39473	C	fuse6AMP	7.28Y	121.4	0.00	4.60	0.49	8	3	1	95	0.00	0.0	4.586	0.000	0	0	0	1
PL.39474	PD.6938	C	4ACSR	7.28Y	121.4	0.00	4.60	0.49	0	3	1	95	0.00	0.0	4.692	0.106	0	0	0	1
483909	PL.39474	C	Consumer	7.28Y	121.4	0.00	4.60	0.49	0	3	1	95	0.00	0.0	4.692	0.000	3	1	1	1
PL.26757	PL.26755	C	4ACSR	7.29Y	121.5	0.00	4.55	0.76	1	5	2	93	0.00	0.0	4.397	0.009	0	0	0	1
PD.6937	PL.26757	C	fuse6AMP	7.29Y	121.5	0.00	4.55	0.76	13	5	2	93	0.00	0.0	4.397	0.000	0	0	0	1
PL.7139	PD.6937	C	4ACSR	7.29Y	121.4	0.00	4.55	0.76	1	5	2	93	0.00	0.0	4.486	0.089	0	0	0	1
483934	PL.7139	C	Consumer	7.29Y	121.4	0.00	4.55	0.76	0	5	2	93	0.00	0.0	4.486	0.000	5	2	1	1
483921	PL.7139	C	Consumer	7.29Y	121.4	0.00	4.55	0.00	0	0	0	100	0.00	0.0	4.486	0.000	0	0	0	0
PL.26756	PL.26755	B	4ACSR	7.17Y	119.4	0.00	6.57	0.00	0	0	0	100	0.00	0.0	4.388	0.000	0	0	0	0
483903	PL.18763	C	Consumer	7.29Y	121.5	0.00	4.50	0.00	0	0	0	100	0.00	0.0	4.270	0.000	0	0	0	0
483916	PL.18763	C	Consumer	7.29Y	121.5	0.00	4.50	0.00	0	0	0	100	0.00	0.0	4.270	0.000	0	0	1	1
PL.39469	PL.18763	C	4ACSR	7.29Y	121.5	0.00	4.50	0.97	1	7	2	96	0.00	0.0	4.278	0.009	0	0	0	2
PD.6935	PL.39469	C	fuse6AMP	7.29Y	121.5	0.00	4.50	0.97	17	7	2	96	0.00	0.0	4.278	0.000	0	0	0	2
PL.39470	PD.6935	C	4ACSR	7.29Y	121.5	0.00	4.51	0.97	1	7	2	96	0.00	0.0	4.370	0.092	0	0	0	2
483935	PL.39470	C	Consumer	7.29Y	121.5	0.00	4.51	0.00	0	0	0	100	0.00	0.0	4.370	0.000	0	0	1	1
483815	PL.39470	C	Consumer	7.29Y	121.5	0.00	4.51	0.97	0	7	2	96	0.00	0.0	4.370	0.000	7	2	1	1
483811	PL.14619	C	Consumer	7.29Y	121.6	0.00	4.43	0.40	0	3	1	95	0.00	0.0	4.160	0.000	3	1	1	1
483812	PL.14619	C	Consumer	7.29Y	121.6	0.00	4.43	0.96	0	7	2	96	0.00	0.0	4.160	0.000	7	2	1	1
PL.39462	PL.14618	A	4ACSR	7.26Y	120.9	0.00	5.08	2.11	2	14	5	94	0.00	0.0	4.056	0.003	0	0	0	3
PD.6933	PL.39462	A	fuse6AMP	7.26Y	120.9	0.00	5.08	2.11	36	14	5	94	0.00	0.0	4.056	0.000	0	0	0	3

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.39465	PD.6933	A	4ACSR	7.26Y	120.9	0.00	5.08	2.11	2	14	5	94	0.00	0.0	4.058	0.002	0	0	0	3
PL.39466	PL.39465	A	4ACSR	7.26Y	120.9	0.00	5.08	0.68	1	5	2	93	0.00	0.0	4.168	0.110	0	0	0	1
483830	PL.39466	A	Consumer	7.26Y	120.9	0.00	5.08	0.68	0	5	2	93	0.00	0.0	4.168	0.000	5	2	1	1
PL.39464	PL.39465	A	4ACSR	7.26Y	120.9	0.00	5.08	1.43	1	10	4	93	0.00	0.0	4.093	0.035	0	0	0	2
483822	PL.39464	A	Consumer	7.26Y	120.9	0.00	5.08	0.13	0	1	0	100	0.00	0.0	4.093	0.000	1	0	1	1
483823	PL.39464	A	Consumer	7.26Y	120.9	0.00	5.08	1.30	0	9	3	95	0.00	0.0	4.093	0.000	9	3	1	1
PL.18193	PL.14617	B	4ACSR	7.19Y	119.9	0.00	6.11	0.47	0	3	1	95	0.00	0.0	3.990	0.016	0	0	0	1
PD.1741	PL.18193	B	fuse6AMP	7.19Y	119.9	0.00	6.11	0.47	8	3	1	95	0.00	0.0	3.990	0.000	0	0	0	1
PL.18194	PD.1741	B	4ACSR	7.19Y	119.9	0.00	6.11	0.47	0	3	1	95	0.00	0.0	4.078	0.088	0	0	0	1
483814	PL.18194	B	Consumer	7.19Y	119.9	0.00	6.11	0.47	0	3	1	95	0.00	0.0	4.078	0.000	3	1	1	1
483806	PL.14608	B	Consumer	7.24Y	120.6	0.00	5.37	0.59	0	4	1	97	0.00	0.0	3.674	0.000	4	1	1	1
483819	PL.14606	B	Consumer	7.25Y	120.8	0.00	5.24	1.54	0	11	4	94	0.00	0.0	3.622	0.000	11	4	1	1
483825	PL.14606	B	Consumer	7.25Y	120.8	0.00	5.24	0.26	0	2	1	89	0.00	0.0	3.622	0.000	2	1	1	1
483829	PL.14606	B	Consumer	7.25Y	120.8	0.00	5.24	1.09	0	7	3	92	0.00	0.0	3.622	0.000	7	3	1	1
PL.15785	PL.14606	A	4ACSR	7.30Y	121.6	0.00	4.40	0.48	0	3	1	95	0.00	0.0	3.654	0.031	0	0	0	3
PD.1740	PL.15785	A	fuse6AMP	7.30Y	121.6	0.00	4.40	0.48	8	3	1	95	0.00	0.0	3.654	0.000	0	0	0	3
PL.15786	PD.1740	A	4ACSR	7.30Y	121.6	0.00	4.40	0.48	0	3	1	95	0.00	0.0	3.738	0.085	0	0	0	3
PL.2807	PL.15786	A	4ACSR	7.30Y	121.6	0.01	4.41	0.48	0	3	1	95	0.00	0.0	4.049	0.311	0	0	0	3
483802	PL.2807	A	Consumer	7.30Y	121.6	0.00	4.41	0.43	0	3	1	95	0.00	0.0	4.049	0.000	3	1	1	1
PL.7145	PL.2807	A	4ACSR	7.30Y	121.6	0.00	4.41	0.05	0	0	0	100	0.00	0.0	4.151	0.102	0	0	0	2
483834	PL.7145	A	Consumer	7.30Y	121.6	0.00	4.41	0.01	0	0	0	100	0.00	0.0	4.151	0.000	0	0	1	1
PL.7146	PL.7145	A	4ACSR	7.30Y	121.6	0.00	4.41	0.04	0	0	0	100	0.00	0.0	4.227	0.075	0	0	0	1
484816	PL.7146	A	Consumer	7.30Y	121.6	0.00	4.41	0.04	0	0	0	100	0.00	0.0	4.227	0.000	0	0	1	1
PL.15787	PL.7140	A	4ACSR	7.33Y	122.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	3.339	0.017	0	0	0	1
PD.1739	PL.15787	A	fuse6AMP	7.33Y	122.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	3.339	0.000	0	0	0	1
PL.15788	PD.1739	A	4ACSR	7.33Y	122.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	3.765	0.426	0	0	0	1
PL.3236	PL.15788	A	4ACSR	7.33Y	122.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	3.947	0.182	0	0	0	1
PL.3185	PL.3236	A	4ACSR	7.33Y	122.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	4.009	0.062	0	0	0	1
483711	PL.3185	A	Consumer	7.33Y	122.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	4.009	0.000	0	0	1	1
483803	PL.7140	B	Consumer	7.29Y	121.5	0.00	4.46	0.18	0	1	0	100	0.00	0.0	3.322	0.000	1	0	1	1
PL.14626	PL.39459	B	4ACSR	7.37Y	122.9	0.00	3.12	0.25	0	2	1	89	0.00	0.0	2.816	0.011	0	0	0	1
PD.1728	PL.14626	B	fuse6AMP	7.37Y	122.9	0.00	3.12	0.25	4	2	1	89	0.00	0.0	2.816	0.000	0	0	0	1
PL.27791	PD.1728	B	4ACSR	7.37Y	122.9	0.00	3.12	0.25	0	2	1	89	0.00	0.0	2.891	0.075	0	0	0	1
483710	PL.27791	B	Consumer	7.37Y	122.9	0.00	3.12	0.25	0	2	1	89	0.00	0.0	2.891	0.000	2	1	1	1
PL.39460	PL.11924	A	4ACSR	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	2.659	0.006	0	0	0	1
PD.6932	PL.39460	A	fuse6AMP	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	2.659	0.000	0	0	0	1
PL.39461	PD.6932	A	4ACSR	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	2.686	0.026	0	0	0	1
483753	PL.39461	A	Consumer	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	2.686	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
483706	PL.11923	B	Consumer	7.42Y	123.6	0.00	2.37	0.48	0	3	1	95	0.00	0.0	2.518	0.000	3	1	1	1
PL.28757	PL.11922	A	4ACSR	7.41Y	123.5	0.00	2.46	0.41	0	3	1	95	0.00	0.0	2.512	0.061	0	0	0	1
PL.28758	PL.28757	A	4ACSR	7.41Y	123.5	0.00	2.46	0.41	0	3	1	95	0.00	0.0	2.512	0.000	0	0	0	1
483746	PL.28758	A	Consumer	7.41Y	123.5	0.00	2.46	0.41	0	3	1	95	0.00	0.0	2.512	0.000	3	1	1	1
PL.7122	PL.28758	A	4ACSR	7.41Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	2.638	0.126	0	0	0	0
483740	PL.7122	A	Consumer	7.41Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	2.638	0.000	0	0	0	0
483729	PL.19743	A	Consumer	7.41Y	123.6	0.00	2.44	0.68	0	5	2	93	0.00	0.0	2.444	0.000	5	2	1	1
483718	PL.11921	B	Consumer	7.44Y	124.0	0.00	2.02	0.23	0	2	1	89	0.00	0.0	2.389	0.000	2	1	1	1
PL.11912	PL.39271	C	4ACSR	7.46Y	124.4	0.00	1.61	1.01	1	7	3	92	0.00	0.0	2.256	0.011	0	0	0	1
PL.18281	PL.11912	C	4ACSR	7.46Y	124.4	0.00	1.61	1.01	1	7	3	92	0.00	0.0	2.264	0.009	0	0	0	1
PD.1725	PL.18281	C	fuse6AMP	7.46Y	124.4	0.00	1.61	1.01	17	7	3	92	0.00	0.0	2.264	0.000	0	0	0	1
PL.18282	PD.1725	C	4ACSR	7.46Y	124.4	0.00	1.61	1.01	1	7	3	92	0.00	0.0	2.289	0.025	0	0	0	1
PL.2663	PL.18282	C	4ACSR	7.46Y	124.4	0.00	1.61	1.01	1	7	3	92	0.00	0.0	2.350	0.061	0	0	0	1
482710	PL.2663	C	Consumer	7.46Y	124.4	0.00	1.61	0.00	0	0	0	100	0.00	0.0	2.350	0.000	0	0	0	0
PL.24129	PL.2663	C	4ACSR	7.46Y	124.4	0.00	1.62	1.01	1	7	3	92	0.00	0.0	2.436	0.086	0	0	0	1
482722	PL.24129	C	Consumer	7.46Y	124.4	0.00	1.62	1.01	0	7	3	92	0.00	0.0	2.436	0.000	7	3	1	1
483732	PL.18278	C	Consumer	7.49Y	124.8	0.00	1.20	0.99	0	7	3	92	0.00	0.0	2.032	0.000	7	3	1	1
PL.18279	PL.18278	B	4ACSR	7.49Y	124.9	0.00	1.10	0.60	1	4	2	89	0.00	0.0	2.044	0.012	0	0	0	2
PD.1730-A	PL.18279	B	Closed	7.49Y	124.9	0.00	1.10	0.60	0	4	2	89	0.00	0.0	2.044	0.000	0	0	0	2
PD.1730-B	PD.1730-A	B	Closed	7.49Y	124.9	0.00	1.10	0.60	0	4	2	89	0.00	0.0	2.044	0.000	0	0	0	2
PL.18280	PD.1730-B	B	4ACSR	7.49Y	124.9	0.00	1.10	0.60	1	4	2	89	0.00	0.0	2.138	0.094	0	0	0	2
483750	PL.18280	B	Consumer	7.49Y	124.9	0.00	1.10	0.60	0	4	2	89	0.00	0.0	2.138	0.000	4	2	1	1
483730	PL.18280	B	Consumer	7.49Y	124.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	2.138	0.000	0	0	1	1
482708	PL.43094	C	Consumer	7.49Y	124.9	0.00	1.13	0.59	0	4	2	89	0.00	0.0	1.968	0.000	4	2	1	1
PL.43083	PL.43087	C	2ACSR	7.49Y	124.9	0.00	1.08	0.86	1	6	2	95	0.00	0.0	1.854	0.005	0	0	0	1
PD.8573	PL.43083	C	fuse6AMP	7.49Y	124.9	0.00	1.08	0.86	15	6	2	95	0.00	0.0	1.854	0.000	0	0	0	1
PL.43084	PD.8573	C	2ACSR	7.49Y	124.9	0.00	1.09	0.86	1	6	2	95	0.00	0.0	1.921	0.067	0	0	0	1
482724	PL.43084	C	Consumer	7.49Y	124.9	0.00	1.09	0.86	0	6	2	95	0.00	0.0	1.921	0.000	6	2	1	1
PL.43088	PL.43086	A	336ACSR	7.47Y	124.5	-0.00	1.45	0.04	0	0	0	100	0.00	0.0	1.802	0.005	0	0	0	1
PD.1703	PL.43088	A	fuse6AMP	7.47Y	124.5	0.00	1.45	0.04	1	0	0	100	0.00	0.0	1.802	0.000	0	0	0	1
PL.43089	PD.1703	A	336ACSR	7.47Y	124.5	0.00	1.45	0.04	0	0	0	100	0.00	0.0	1.864	0.062	0	0	0	1
482719	PL.43089	A	Consumer	7.47Y	124.5	0.00	1.45	0.04	0	0	0	100	0.00	0.0	1.864	0.000	0	0	1	1
482704	PL.43064	B	Consumer	7.51Y	125.2	0.00	0.82	0.30	0	2	1	89	0.00	0.0	1.656	0.000	2	1	1	1
PL.43068	PL.43064	A	2ACSR	7.48Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	1.662	0.005	0	0	0	0
PD.8570	PL.43068	A	fuse6AMP	7.48Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	1.662	0.000	0	0	0	0
PL.43069	PD.8570	A	2ACSR	7.48Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	1.732	0.070	0	0	0	0
PL.43066	PL.43061	C	2ACSR	7.50Y	125.1	0.00	0.94	1.06	1	8	3	94	0.00	0.0	1.499	0.004	0	0	0	1
PD.8569	PL.43066	C	fuse6AMP	7.50Y	125.1	0.00	0.94	1.06	18	8	3	94	0.00	0.0	1.499	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.43067	PD.8569	C	2ACSR	7.50Y	125.1	0.00	0.94	1.06	1	8	3	94	0.00	0.0	1.562	0.063	0	0	0	1	
482716	PL.43067	C	Consumer	7.50Y	125.1	0.00	0.94	1.06	0	8	3	94	0.00	0.0	1.562	0.000	8	3	1	1	
PL.43056	PL.43053	A	2ACSR	7.49Y	124.8	0.00	1.23	0.28	0	2	1	89	0.00	0.0	1.469	0.005	0	0	0	1	
PD.1701	PL.43056	A	fuse6AMP	7.49Y	124.8	0.00	1.23	0.28	5	2	1	89	0.00	0.0	1.469	0.000	0	0	0	1	
PL.43057	PD.1701	A	2ACSR	7.49Y	124.8	0.00	1.23	0.28	0	2	1	89	0.00	0.0	1.625	0.156	0	0	0	1	
482606	PL.43057	A	Consumer	7.49Y	124.8	0.00	1.23	0.28	0	2	1	89	0.00	0.0	1.625	0.000	2	1	1	1	
PL.43058	PL.43053	C	2ACSR	7.50Y	125.1	0.00	0.93	1.41	1	10	4	93	0.00	0.0	1.469	0.005	0	0	0	4	
PD.8568	PL.43058	C	fuse6AMP	7.50Y	125.1	0.00	0.93	1.41	24	10	4	93	0.00	0.0	1.469	0.000	0	0	0	4	
PL.43059	PD.8568	C	2ACSR	7.50Y	125.1	0.00	0.93	1.41	1	10	4	93	0.00	0.0	1.547	0.078	0	0	0	4	
PL.11872	PL.43059	C	4ACSR	7.50Y	125.1	0.00	0.93	1.38	1	10	4	93	0.00	0.0	1.563	0.016	0	0	0	3	
PL.11873	PL.11872	C	4ACSR	7.50Y	125.1	0.01	0.94	1.38	1	10	4	93	0.00	0.0	1.677	0.114	0	0	0	3	
PL.2869	PL.11873	C	4ACSR	7.50Y	125.1	0.00	0.94	1.38	1	10	4	93	0.00	0.0	1.753	0.076	0	0	0	2	
482727	PL.2869	C	Consumer	7.50Y	125.1	0.00	0.94	0.66	0	5	2	93	0.00	0.0	1.753	0.000	5	2	1	1	
482730	PL.2869	C	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.753	0.000	0	0	0	0	
482717	PL.2869	C	Consumer	7.50Y	125.1	0.00	0.94	0.72	0	5	2	93	0.00	0.0	1.753	0.000	5	2	1	1	
PL.2870	PL.11873	C	4ACSR	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.751	0.074	0	0	0	1	
482715	PL.2870	C	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.751	0.000	0	0	1	1	
482702	PL.43059	C	Consumer	7.50Y	125.1	0.00	0.93	0.03	0	0	0	100	0.00	0.0	1.547	0.000	0	0	1	1	
482701	PL.45774	B	Consumer	7.52Y	125.3	0.00	0.67	0.37	0	3	1	95	0.00	0.0	1.293	0.000	3	1	1	1	
482714	PL.43047	B	Consumer	7.52Y	125.3	0.00	0.67	0.58	0	4	2	89	0.00	0.0	1.291	0.000	4	2	1	1	
PL.43049	PL.43047	A	2ACSR	7.49Y	124.9	0.00	1.10	1.16	1	8	3	94	0.00	0.0	1.295	0.005	0	0	0	3	
PD.1704	PL.43049	A	fuse6AMP	7.49Y	124.9	0.00	1.10	1.16	20	8	3	94	0.00	0.0	1.295	0.000	0	0	0	3	
PL.43048	PD.1704	A	2ACSR	7.49Y	124.9	0.00	1.10	1.16	1	8	3	94	0.00	0.0	1.323	0.028	0	0	0	3	
482626	PL.43048	A	Consumer	7.49Y	124.9	0.00	1.10	0.72	0	5	2	93	0.00	0.0	1.323	0.000	5	2	1	1	
482627	PL.43048	A	Consumer	7.49Y	124.9	0.00	1.10	0.44	0	3	1	95	0.00	0.0	1.323	0.000	3	1	1	1	
PL.24130	PL.43048	A	4ACSR	7.49Y	124.9	0.00	1.10	0.01	0	0	0	100	0.00	0.0	1.367	0.045	0	0	0	1	
482631	PL.24130	A	Consumer	7.49Y	124.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	1.367	0.000	0	0	0	0	
482628	PL.24130	A	Consumer	7.49Y	124.9	0.00	1.10	0.01	0	0	0	100	0.00	0.0	1.367	0.000	0	0	1	1	
482621	PL.43031	C	Consumer	7.51Y	125.2	0.00	0.83	0.59	0	4	2	89	0.00	0.0	1.250	0.000	4	2	1	1	
PL.43027	PL.43024	A	336ACSR	7.50Y	125.0	0.00	1.00	0.88	0	6	2	95	0.00	0.0	1.157	0.004	0	0	0	1	
PD.8564	PL.43027	A	fuse6AMP	7.50Y	125.0	0.00	1.00	0.88	15	6	2	95	0.00	0.0	1.157	0.000	0	0	0	1	
PL.43028	PD.8564	A	336ACSR	7.50Y	125.0	0.00	1.00	0.88	0	6	2	95	0.00	0.0	1.205	0.048	0	0	0	1	
PL.7054	PL.43028	A	4ACSR	7.50Y	125.0	0.01	1.01	0.88	1	6	2	95	0.00	0.0	1.574	0.368	0	0	0	1	
PL.2867	PL.7054	A	4ACSR	7.50Y	125.0	0.00	1.01	0.88	1	6	2	95	0.00	0.0	1.633	0.059	0	0	0	1	
482619	PL.2867	A	Consumer	7.50Y	125.0	0.00	1.01	0.88	0	6	2	95	0.00	0.0	1.633	0.000	6	2	1	1	
482618	PL.43024	B	Consumer	7.52Y	125.4	0.00	0.61	0.33	0	2	1	89	0.00	0.0	1.153	0.000	2	1	1	1	
PL.43023	PL.43024	C	2ACSR	7.51Y	125.2	0.00	0.78	2.60	2	18	6	95	0.00	0.0	1.173	0.019	0	0	0	5	
PL.33943	PL.43023	C	2ACSR	7.51Y	125.2	0.00	0.79	2.60	2	18	6	95	0.00	0.0	1.229	0.057	0	0	0	5	

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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.43034, PL.43035, 4826038, etc.

----- Feeder No. 1 (SIDEVIEW1) Beginning with Device PD.3907 -----

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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.3907, PL.32893, PD.433-A, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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.306-B, PL.15750, PL.10168, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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 PD.432-A, PL.20553, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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.11378, 428707, PL.11379, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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 428807, PL.11387, PL.11604, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.302-A	PL.20161	C	Closed	14.61Y	121.8	0.00	4.23	45.22	0	619	231	94	0.00	0.0	5.756	0.000	0	0	0	184
PD.302-B	PD.302-A	C	Closed	14.61Y	121.8	0.00	4.23	45.22	0	619	231	94	0.00	0.0	5.756	0.000	0	0	0	184
PL.15744	PD.302-B	C	4ACSR	14.58Y	121.5	0.24	4.47	45.22	38	619	231	94	1.12	0.2	5.985	0.229	0	0	0	184
PL.25823	PL.15744	C	4ACSR	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	6.001	0.016	0	0	0	0
PD.1309	PL.25823	C	fuse6AMP	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	6.001	0.000	0	0	0	0
PL.25824	PD.1309	C	4ACSR	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	6.064	0.063	0	0	0	0
PL.23905	PL.25824	C	4ACSR	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	6.232	0.168	0	0	0	0
PL.1845	PL.23905	C	4ACSR	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	6.359	0.127	0	0	0	0
PL.23906	PL.23905	C	4ACSR	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	6.509	0.277	0	0	0	0
PL.30955	PL.15744	C	4ACSR	14.58Y	121.5	0.01	4.48	45.22	38	618	230	94	0.06	0.0	5.997	0.012	0	0	0	184
C PD.3856	PL.30955	C	fuse6AMP	14.58Y	121.5	0.00	4.48	45.22	772	618	230	94	0.00	0.0	5.997	0.000	0	0	0	184 C
PL.30956	PD.3856	C	4ACSR	14.57Y	121.4	0.08	4.56	45.22	38	618	230	94	0.37	0.1	6.072	0.075	0	0	0	184
PL.2344	PL.30956	C	4ACSR	14.57Y	121.4	0.00	4.56	0.01	0	0	0	100	0.00	0.0	6.130	0.057	0	0	0	1
427715	PL.2344	C	Consumer	14.57Y	121.4	0.00	4.56	0.01	0	0	0	100	0.00	0.0	6.130	0.000	0	0	1	1
PL.26026	PL.30956	C	4ACSR	14.56Y	121.3	0.11	4.67	45.21	38	617	230	94	0.52	0.1	6.179	0.106	0	0	0	183
427716	PL.26026	C	Consumer	14.56Y	121.3	0.00	4.67	0.00	0	0	0	100	0.00	0.0	6.179	0.000	0	0	0	0
PL.26025	PL.26026	C	4ACSR	14.54Y	121.2	0.13	4.80	44.82	38	612	228	94	0.61	0.1	6.306	0.127	0	0	0	181
PL.30860	PL.26025	C	4ACSR	14.54Y	121.2	0.00	4.80	0.00	0	0	0	100	0.00	0.0	6.402	0.096	0	0	0	0
PD.303-B	PL.30860	C	Open	14.54Y	121.2	0.00	4.80	0.00	0	0	0	100	0.00	0.0	6.402	0.000	0	0	0	0
PL.6657	PL.26025	C	4ACSR	14.54Y	121.2	0.02	4.82	44.82	38	611	227	94	0.08	0.0	6.323	0.016	0	0	0	181
PL.6658	PL.6657	C	4ACSR	14.53Y	121.1	0.06	4.88	44.67	38	609	226	94	0.28	0.0	6.381	0.058	0	0	0	180
PL.25827	PL.6658	C	4ACSR	14.50Y	120.9	0.27	5.14	44.67	38	609	226	94	1.25	0.2	6.644	0.263	0	0	0	180
PL.33732	PL.25827	C	4ACSR	14.50Y	120.9	0.00	5.14	0.50	0	7	3	92	0.00	0.0	6.650	0.006	0	0	0	1
PD.4015	PL.33732	C	fuse6AMP	14.50Y	120.9	0.00	5.14	0.50	9	7	3	92	0.00	0.0	6.650	0.000	0	0	0	1
PL.33733	PD.4015	C	4ACSR	14.50Y	120.9	0.00	5.15	0.50	0	7	3	92	0.00	0.0	6.689	0.039	0	0	0	1
4266019	PL.33733	C	Consumer	14.50Y	120.9	0.00	5.15	0.50	0	7	3	92	0.00	0.0	6.689	0.000	7	3	1	1
PL.25828	PL.25827	C	4ACSR	14.49Y	120.8	0.07	5.21	44.16	37	600	223	94	0.32	0.1	6.712	0.068	0	0	0	179
PL.25829	PL.25828	C	4ACSR	14.48Y	120.7	0.10	5.31	43.49	37	591	219	94	0.46	0.1	6.812	0.101	0	0	0	178
PL.25606	PL.25829	C	4ACSR	14.48Y	120.7	0.00	5.31	0.00	0	0	0	100	0.00	0.0	6.824	0.012	0	0	0	0
PD.1293	PL.25606	C	fuse6AMP	14.48Y	120.7	0.00	5.31	0.00	0	0	0	100	0.00	0.0	6.824	0.000	0	0	0	0
PL.25604	PL.25829	C	4ACSR	14.48Y	120.7	0.00	5.31	0.31	0	4	2	89	0.00	0.0	6.827	0.015	0	0	0	2
PD.3678	PL.25604	C	fuse6AMP	14.48Y	120.7	0.00	5.31	0.31	5	4	2	89	0.00	0.0	6.827	0.000	0	0	0	2
PL.25605	PD.3678	C	4ACSR	14.48Y	120.7	0.00	5.31	0.31	0	4	2	89	0.00	0.0	6.926	0.099	0	0	0	2
PL.1846	PL.25605	C	4ACSR	14.48Y	120.7	0.00	5.31	0.24	0	3	1	95	0.00	0.0	7.045	0.119	0	0	0	1
426610	PL.1846	C	Consumer	14.48Y	120.7	0.00	5.31	0.24	0	3	1	95	0.00	0.0	7.045	0.000	3	1	1	1
426615	PL.25605	C	Consumer	14.48Y	120.7	0.00	5.31	0.07	0	1	0	100	0.00	0.0	6.926	0.000	1	0	1	1
PL.25602	PL.25829	C	4ACSR	14.47Y	120.6	0.07	5.39	43.18	36	586	218	94	0.34	0.1	6.888	0.076	0	0	0	176
426621	PL.25602	C	Consumer	14.47Y	120.6	0.00	5.39	0.52	0	7	3	92	0.00	0.0	6.888	0.000	7	3	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	Thru % Cap	Thru KW	% PF	kW Loss	% Loss							
PL.24545	PL.25602	C	4ACSR	14.46Y	120.5	0.09	5.48	42.67	36	579	215	94	0.41	0.1	6.984	0.095	0	0	0	175
426614	PL.24545	C	Consumer	14.46Y	120.5	0.00	5.48	0.00	0	0	0	100	0.00	0.0	6.984	0.000	0	0	1	1
PL.11617	PL.24545	C	4ACSR	14.46Y	120.5	0.00	5.48	0.60	1	8	3	94	0.00	0.0	6.998	0.014	0	0	0	5
PD.3679	PL.11617	C	fuse6AMP	14.46Y	120.5	0.00	5.48	0.60	10	8	3	94	0.00	0.0	6.998	0.000	0	0	0	5
PL.11618	PD.3679	C	4ACSR	14.46Y	120.5	0.00	5.48	0.60	1	8	3	94	0.00	0.0	7.099	0.101	0	0	0	5
426603	PL.11618	C	Consumer	14.46Y	120.5	0.00	5.48	0.24	0	3	1	95	0.00	0.0	7.099	0.000	3	1	1	1
PL.23908	PL.11618	C	4ACSR	14.46Y	120.5	0.00	5.48	0.36	0	5	2	93	0.00	0.0	7.152	0.053	0	0	0	4
PL.1847	PL.23908	C	4ACSR	14.46Y	120.5	0.00	5.48	0.00	0	0	0	100	0.00	0.0	7.203	0.052	0	0	0	1
426618	PL.1847	C	Consumer	14.46Y	120.5	0.00	5.48	0.00	0	0	0	100	0.00	0.0	7.203	0.000	0	0	1	1
PL.23907	PL.23908	C	4ACSR	14.46Y	120.5	0.00	5.48	0.00	0	0	0	100	0.00	0.0	7.280	0.128	0	0	0	1
426608	PL.23907	C	Consumer	14.46Y	120.5	0.00	5.48	0.00	0	0	0	100	0.00	0.0	7.280	0.000	0	0	1	1
426602	PL.23908	C	Consumer	14.46Y	120.5	0.00	5.48	0.34	0	5	2	93	0.00	0.0	7.152	0.000	5	2	1	1
PL.23909	PL.23908	C	4ACSR	14.46Y	120.5	0.00	5.48	0.02	0	0	0	100	0.00	0.0	7.299	0.147	0	0	0	1
426601	PL.23909	C	Consumer	14.46Y	120.5	0.00	5.48	0.02	0	0	0	100	0.00	0.0	7.299	0.000	0	0	1	1
PL.26088	PL.24545	C	4ACSR	14.46Y	120.5	0.02	5.50	42.07	35	570	212	94	0.07	0.0	7.000	0.017	0	0	0	169
PD.298-A	PL.26088	C	Closed	14.46Y	120.5	0.00	5.50	42.07	0	570	212	94	0.00	0.0	7.000	0.000	0	0	0	169
PD.298-B	PD.298-A	C	Closed	14.46Y	120.5	0.00	5.50	42.07	0	570	212	94	0.00	0.0	7.000	0.000	0	0	0	169
PL.11616	PD.298-B	C	4ACSR	14.43Y	120.3	0.24	5.73	42.07	35	570	212	94	1.04	0.2	7.247	0.246	0	0	0	169
PL.25603	PL.11616	C	4ACSR	14.42Y	120.2	0.09	5.83	41.51	35	562	208	94	0.40	0.1	7.344	0.097	0	0	0	167
426605	PL.25603	C	Consumer	14.42Y	120.2	0.00	5.83	0.38	0	5	2	93	0.00	0.0	7.344	0.000	5	2	1	1
PL.24796	PL.25603	C	4ACSR	14.40Y	120.0	0.15	5.97	41.12	35	556	206	94	0.63	0.1	7.500	0.156	0	0	0	166
PL.11621	PL.24796	C	4ACSR	14.40Y	120.0	0.00	5.98	36.43	31	492	183	94	0.02	0.0	7.506	0.006	0	0	0	153
PD.3111	PL.11621	C	50V4E	14.40Y	120.0	0.00	5.98	36.43	73	492	183	94	0.00	0.0	7.506	0.000	0	0	0	153
PL.11622	PD.3111	C	4ACSR	14.40Y	120.0	0.03	6.01	36.43	31	492	183	94	0.11	0.0	7.542	0.036	0	0	0	153
PL.41478	PL.11622	C	4ACSR	14.39Y	119.9	0.09	6.10	35.93	30	485	180	94	0.33	0.1	7.649	0.107	0	0	0	152
PL.41479	PL.41478	C	4ACSR	14.30Y	119.2	0.72	6.81	35.91	30	484	180	94	2.69	0.6	8.521	0.872	0	0	0	151
PL.11624	PL.41479	C	4ACSR	14.30Y	119.2	0.00	6.81	0.00	0	0	0	100	0.00	0.0	8.534	0.013	0	0	0	1
PD.3682	PL.11624	C	fuse6AMP	14.30Y	119.2	0.00	6.81	0.00	0	0	0	100	0.00	0.0	8.534	0.000	0	0	0	1
PL.11625	PD.3682	C	4ACSR	14.30Y	119.2	0.00	6.81	0.00	0	0	0	100	0.00	0.0	8.605	0.071	0	0	0	1
425614	PL.11625	C	Consumer	14.30Y	119.2	0.00	6.81	0.00	0	0	0	100	0.00	0.0	8.605	0.000	0	0	0	0
425612	PL.11625	C	Consumer	14.30Y	119.2	0.00	6.81	0.00	0	0	0	100	0.00	0.0	8.605	0.000	0	0	1	1
PL.11626	PL.41479	C	4ACSR	14.30Y	119.2	0.00	6.81	0.00	0	0	0	100	0.00	0.0	8.535	0.014	0	0	0	0
PD.3683	PL.11626	C	fuse6AMP	14.30Y	119.2	0.00	6.81	0.00	0	0	0	100	0.00	0.0	8.535	0.000	0	0	0	0
PL.11627	PD.3683	C	4ACSR	14.30Y	119.2	0.00	6.81	0.00	0	0	0	100	0.00	0.0	8.604	0.069	0	0	0	0
PL.11629	PL.41479	C	4ACSR	14.29Y	119.1	0.08	6.89	35.90	30	481	179	94	0.28	0.1	8.613	0.092	0	0	0	150
PL.11630	PL.11629	C	4ACSR	14.29Y	119.0	0.07	6.95	35.37	30	474	176	94	0.24	0.1	8.695	0.081	0	0	0	149
PL.1850	PL.11630	C	4ACSR	14.29Y	119.0	0.00	6.95	0.67	1	9	3	95	0.00	0.0	8.726	0.032	0	0	0	2
425629	PL.1850	C	Consumer	14.29Y	119.0	0.00	6.95	0.57	0	8	3	94	0.00	0.0	8.726	0.000	8	3	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
4256030	PL.1850	C	Consumer	14.29Y	119.0	0.00	6.95	0.10	0	1	0	100	0.00	0.0	8.726	0.000	1	0	1	1
PL.11631	PL.11630	C	4ACSR	14.29Y	119.0	0.00	6.95	0.15	0	2	1	89	0.00	0.0	8.702	0.007	0	0	0	2
PD.3684	PL.11631	C	fuse6AMP	14.29Y	119.0	0.00	6.95	0.15	3	2	1	89	0.00	0.0	8.702	0.000	0	0	0	2
PL.19011	PD.3684	C	4ACSR	14.29Y	119.0	0.00	6.95	0.15	0	2	1	89	0.00	0.0	8.774	0.072	0	0	0	2
425618	PL.19011	C	Consumer	14.29Y	119.0	0.00	6.95	0.00	0	0	0	100	0.00	0.0	8.774	0.000	0	0	1	1
PL.19012	PL.19011	C	4ACSR	14.29Y	119.0	0.00	6.95	0.15	0	2	1	89	0.00	0.0	8.855	0.081	0	0	0	1
425617	PL.19012	C	Consumer	14.29Y	119.0	0.00	6.95	0.15	0	2	1	89	0.00	0.0	8.855	0.000	2	1	1	1
PL.11632	PL.11630	C	4ACSR	14.28Y	119.0	0.05	7.00	34.54	29	463	172	94	0.17	0.0	8.753	0.058	0	0	0	145
PD.299-A	PL.11632	C	Closed	14.28Y	119.0	0.00	7.00	34.54	0	462	171	94	0.00	0.0	8.753	0.000	0	0	0	145
PD.299-B	PD.299-A	C	Closed	14.28Y	119.0	0.00	7.00	34.54	0	462	171	94	0.00	0.0	8.753	0.000	0	0	0	145
PL.11633	PD.299-B	C	4ACSR	14.28Y	119.0	0.01	7.01	34.54	29	462	171	94	0.03	0.0	8.764	0.012	0	0	0	145
PL.12446	PL.11633	C	4ACSR	14.28Y	119.0	0.00	7.01	1.77	1	24	9	94	0.00	0.0	8.776	0.012	0	0	0	6
PD.3685	PL.12446	C	fuse6AMP	14.28Y	119.0	0.00	7.01	1.77	30	24	9	94	0.00	0.0	8.776	0.000	0	0	0	6
PL.25808	PD.3685	C	4ACSR	14.28Y	119.0	0.01	7.02	1.77	1	24	9	94	0.00	0.0	8.937	0.161	0	0	0	6
PL.11635	PL.25808	C	4ACSR	14.28Y	119.0	0.00	7.02	1.04	1	14	5	94	0.00	0.0	9.022	0.085	0	0	0	4
424611	PL.11635	C	Consumer	14.28Y	119.0	0.00	7.02	0.19	0	3	1	95	0.00	0.0	9.022	0.000	3	1	1	1
424610	PL.11635	C	Consumer	14.28Y	119.0	0.00	7.02	0.07	0	1	0	100	0.00	0.0	9.022	0.000	1	0	1	1
PL.11205	PL.11635	C	4ACSR	14.28Y	119.0	0.00	7.02	0.78	1	10	4	93	0.00	0.0	9.187	0.164	0	0	0	2
PL.23890	PL.11205	C	4ACSR	14.28Y	119.0	0.00	7.02	0.02	0	0	0	100	0.00	0.0	9.265	0.079	0	0	0	1
424606	PL.23890	C	Consumer	14.28Y	119.0	0.00	7.02	0.02	0	0	0	100	0.00	0.0	9.265	0.000	0	0	1	1
PL.11206	PL.11205	C	4ACSR	14.28Y	119.0	0.00	7.02	0.76	1	10	4	93	0.00	0.0	9.325	0.138	0	0	0	1
424603	PL.11206	C	Consumer	14.28Y	119.0	0.00	7.02	0.00	0	0	0	100	0.00	0.0	9.325	0.000	0	0	0	0
PL.6560	PL.11206	C	4ACSR	14.28Y	119.0	0.00	7.03	0.76	1	10	4	93	0.00	0.0	9.585	0.260	0	0	0	1
424609	PL.6560	C	Consumer	14.28Y	119.0	0.00	7.03	0.76	0	10	4	93	0.00	0.0	9.585	0.000	10	4	1	1
PL.23889	PL.25808	C	4ACSR	14.28Y	119.0	0.00	7.02	0.73	1	10	4	93	0.00	0.0	9.040	0.103	0	0	0	2
424602	PL.23889	C	Consumer	14.28Y	119.0	0.00	7.02	0.26	0	3	1	95	0.00	0.0	9.040	0.000	3	1	1	1
424605	PL.23889	C	Consumer	14.28Y	119.0	0.00	7.02	0.47	0	6	2	95	0.00	0.0	9.040	0.000	6	2	1	1
PL.11634	PL.11633	C	4ACSR	14.27Y	118.9	0.09	7.10	32.77	28	439	163	94	0.31	0.1	8.886	0.122	0	0	0	139
PL.25809	PL.11634	C	4ACSR	14.27Y	118.9	0.01	7.11	32.37	27	433	161	94	0.02	0.0	8.895	0.009	0	0	0	138
C PD.3110	PL.25809	C	35L	14.27Y	118.9	0.00	7.11	32.37	92	433	161	94	0.00	0.0	8.895	0.000	0	0	0	138 C
PL.25810	PD.3110	C	4ACSR	14.26Y	118.8	0.05	7.15	32.37	27	433	161	94	0.16	0.0	8.960	0.064	0	0	0	138
425605	PL.25810	C	Consumer	14.26Y	118.8	0.00	7.15	0.47	0	6	2	95	0.00	0.0	8.960	0.000	6	2	1	1
PL.24544	PL.25810	C	4ACSR	14.25Y	118.8	0.06	7.22	31.91	27	427	158	94	0.21	0.0	9.047	0.087	0	0	0	137
PL.11192	PL.24544	C	4ACSR	14.24Y	118.6	0.15	7.37	31.45	26	420	156	94	0.50	0.1	9.259	0.212	0	0	0	135
PL.11195	PL.11192	C	4ACSR	14.24Y	118.6	0.00	7.37	1.72	1	23	8	94	0.00	0.0	9.273	0.014	0	0	0	4
PD.1291	PL.11195	C	fuse6AMP	14.24Y	118.6	0.00	7.37	1.72	29	23	8	94	0.00	0.0	9.273	0.000	0	0	0	4
PL.11196	PD.1291	C	4ACSR	14.24Y	118.6	0.00	7.37	1.72	1	23	8	94	0.00	0.0	9.303	0.030	0	0	0	4
PL.23904	PL.11196	C	4ACSR	14.24Y	118.6	0.00	7.37	0.38	0	5	2	93	0.00	0.0	9.367	0.064	0	0	0	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
425621	PL.23904	C	Consumer	14.24Y	118.6	0.00	7.37	0.38	0	5	2	93	0.00	0.0	9.367	0.000	5	2	1	1
PL.11194	PL.11196	C	4ACSR	14.24Y	118.6	0.00	7.37	1.33	1	18	7	93	0.00	0.0	9.344	0.041	0	0	0	3
PL.24800	PL.11194	C	4ACSR	14.24Y	118.6	0.00	7.37	1.33	1	18	7	93	0.00	0.0	9.384	0.040	0	0	0	3
425615	PL.24800	C	Consumer	14.24Y	118.6	0.00	7.37	0.40	0	5	2	93	0.00	0.0	9.384	0.000	5	2	1	1
PL.24543	PL.24800	C	4ACSR	14.24Y	118.6	0.00	7.37	0.93	1	12	5	92	0.00	0.0	9.415	0.031	0	0	0	2
PL.23903	PL.24543	C	4ACSR	14.23Y	118.6	0.00	7.38	0.93	1	12	5	92	0.00	0.0	9.515	0.100	0	0	0	2
425610	PL.23903	C	Consumer	14.23Y	118.6	0.00	7.38	0.82	0	11	4	94	0.00	0.0	9.515	0.000	11	4	1	1
425625	PL.23903	C	Consumer	14.23Y	118.6	0.00	7.38	0.11	0	1	1	71	0.00	0.0	9.515	0.000	1	1	1	1
425602	PL.24543	C	Consumer	14.24Y	118.6	0.00	7.37	0.00	0	0	0	100	0.00	0.0	9.415	0.000	0	0	0	0
PL.11197	PL.11192	C	4ACSR	14.24Y	118.6	0.00	7.37	1.26	1	17	6	94	0.00	0.0	9.278	0.019	0	0	0	4
PD.1292	PL.11197	C	fuse6AMP	14.24Y	118.6	0.00	7.37	1.26	22	17	6	94	0.00	0.0	9.278	0.000	0	0	0	4
PL.11198	PD.1292	C	4ACSR	14.23Y	118.6	0.01	7.38	1.26	1	17	6	94	0.00	0.0	9.510	0.232	0	0	0	4
PL.1843	PL.11198	C	4ACSR	14.23Y	118.6	0.01	7.38	1.26	1	17	6	94	0.00	0.0	9.701	0.191	0	0	0	3
PL.1844	PL.1843	C	4ACSR	14.23Y	118.6	0.00	7.38	1.09	1	15	5	95	0.00	0.0	9.742	0.041	0	0	0	1
425624	PL.1844	C	Consumer	14.23Y	118.6	0.00	7.38	1.09	0	15	5	95	0.00	0.0	9.742	0.000	15	5	1	1
425623	PL.1843	C	Consumer	14.23Y	118.6	0.00	7.38	0.13	0	2	1	89	0.00	0.0	9.701	0.000	2	1	1	1
425622	PL.1843	C	Consumer	14.23Y	118.6	0.00	7.38	0.00	0	0	0	100	0.00	0.0	9.701	0.000	0	0	0	0
PL.1848	PL.1843	C	4ACSR	14.23Y	118.6	0.00	7.38	0.04	0	1	0	100	0.00	0.0	9.746	0.045	0	0	0	1
425628	PL.1848	C	Consumer	14.23Y	118.6	0.00	7.38	0.04	0	1	0	100	0.00	0.0	9.746	0.000	1	0	1	1
425627	PL.11198	C	Consumer	14.23Y	118.6	0.00	7.38	0.00	0	0	0	100	0.00	0.0	9.510	0.000	0	0	1	1
PL.11193	PL.11192	C	4ACSR	14.21Y	118.4	0.25	7.62	28.48	24	380	141	94	0.74	0.2	9.639	0.381	0	0	0	127
425626	PL.11193	C	Consumer	14.21Y	118.4	0.00	7.62	0.01	0	0	0	100	0.00	0.0	9.639	0.000	0	0	1	1
PL.24799	PL.11193	C	4ACSR	14.20Y	118.4	0.02	7.64	28.46	24	379	141	94	0.06	0.0	9.669	0.030	0	0	0	126
PL.6670	PL.24799	C	4ACSR	14.20Y	118.4	0.01	7.64	28.46	24	379	140	94	0.02	0.0	9.680	0.011	0	0	0	126
PL.11636	PL.6670	C	4ACSR	14.20Y	118.3	0.01	7.65	28.11	24	374	139	94	0.02	0.0	9.692	0.012	0	0	0	125
PL.11641	PL.11636	C	4ACSR	14.20Y	118.3	0.00	7.65	0.63	1	8	3	94	0.00	0.0	9.698	0.006	0	0	0	2
PD.1338	PL.11641	C	fuse6AMP	14.20Y	118.3	0.00	7.65	0.63	11	8	3	94	0.00	0.0	9.698	0.000	0	0	0	2
PL.11642	PD.1338	C	4ACSR	14.20Y	118.3	0.00	7.65	0.63	1	8	3	94	0.00	0.0	9.785	0.086	0	0	0	2
425515	PL.11642	C	Consumer	14.20Y	118.3	0.00	7.65	0.11	0	1	1	71	0.00	0.0	9.785	0.000	1	1	1	1
PL.2376	PL.11642	C	4ACSR	14.20Y	118.3	0.00	7.65	0.52	0	7	3	92	0.00	0.0	9.863	0.078	0	0	0	1
425529	PL.2376	C	Consumer	14.20Y	118.3	0.00	7.65	0.52	0	7	3	92	0.00	0.0	9.863	0.000	7	3	1	1
PL.11637	PL.11636	C	4ACSR	14.19Y	118.3	0.07	7.72	27.48	23	366	136	94	0.20	0.1	9.803	0.111	0	0	0	123
PL.11643	PL.11637	C	4ACSR	14.19Y	118.3	0.01	7.73	26.73	22	356	132	94	0.02	0.0	9.812	0.009	0	0	0	120
PD.316-A	PL.11643	C	Closed	14.19Y	118.3	0.00	7.73	26.73	0	356	132	94	0.00	0.0	9.812	0.000	0	0	0	120
PD.316-B	PD.316-A	C	Closed	14.19Y	118.3	0.00	7.73	26.73	0	356	132	94	0.00	0.0	9.812	0.000	0	0	0	120
PL.11644	PD.316-B	C	4ACSR	14.18Y	118.1	0.14	7.87	26.73	22	356	132	94	0.39	0.1	10.042	0.229	0	0	0	120
PL.11645	PL.11644	C	4ACSR	14.16Y	118.0	0.09	7.96	25.61	22	340	126	94	0.25	0.1	10.202	0.160	0	0	0	114
PL.43361	PL.11645	C	4ACSR	14.16Y	118.0	0.00	7.96	0.19	0	3	1	95	0.00	0.0	10.208	0.006	0	0	0	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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. Includes a sub-header for Units Displayed In Volts and Base Voltage:120.0-

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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 PD.4013	PL.33728	C	fuse6AMP	14.10Y	117.5	0.00	8.47	0.36	6	5	2	93	0.00	0.0	11.963	0.000	0	0	0	1	L
L PL.33729	PD.4013	C	4ACSR	14.10Y	117.5	0.00	8.47	0.36	0	5	2	93	0.00	0.0	12.034	0.071	0	0	0	1	L
L 425408	PL.33729	C	Consumer	14.10Y	117.5	0.00	8.47	0.36	0	5	2	93	0.00	0.0	12.034	0.000	5	2	1	1	L
L PL.11185	PL.27874	C	4ACSR	14.10Y	117.5	0.01	8.48	2.85	2	38	14	94	0.00	0.0	12.078	0.120	0	0	0	10	L
L PL.11186	PL.11185	C	4ACSR	14.10Y	117.5	0.00	8.48	2.57	2	34	12	94	0.00	0.0	12.159	0.081	0	0	0	8	L
L PL.33726	PL.11186	C	4ACSR	14.10Y	117.5	0.00	8.48	0.63	1	8	3	94	0.00	0.0	12.165	0.006	0	0	0	2	L
L PD.4012	PL.33726	C	fuse6AMP	14.10Y	117.5	0.00	8.48	0.63	11	8	3	94	0.00	0.0	12.165	0.000	0	0	0	2	L
L PL.33727	PD.4012	C	4ACSR	14.10Y	117.5	0.00	8.48	0.63	1	8	3	94	0.00	0.0	12.337	0.172	0	0	0	2	L
L PL.11189	PL.33727	C	4ACSR	14.10Y	117.5	0.00	8.49	0.40	0	5	2	93	0.00	0.0	12.452	0.115	0	0	0	1	L
L PL.6673	PL.11189	C	4ACSR	14.10Y	117.5	0.00	8.49	0.40	0	5	2	93	0.00	0.0	12.517	0.066	0	0	0	1	L
L 426508	PL.6673	C	Consumer	14.10Y	117.5	0.00	8.49	0.40	0	5	2	93	0.00	0.0	12.517	0.000	5	2	1	1	L
L 426509	PL.11189	C	Consumer	14.10Y	117.5	0.00	8.49	0.00	0	0	0	100	0.00	0.0	12.452	0.000	0	0	0	0	L
L PL.2381	PL.33727	C	4ACSR	14.10Y	117.5	0.00	8.48	0.23	0	3	1	95	0.00	0.0	12.472	0.135	0	0	0	1	L
L 426511	PL.2381	C	Consumer	14.10Y	117.5	0.00	8.48	0.23	0	3	1	95	0.00	0.0	12.472	0.000	3	1	1	1	L
L PL.30363	PL.11186	C	4ACSR	14.10Y	117.5	0.01	8.49	1.94	2	26	9	94	0.00	0.0	12.309	0.150	0	0	0	6	L
L PL.33722	PL.30363	C	4ACSR	14.10Y	117.5	0.00	8.49	0.31	0	4	1	97	0.00	0.0	12.314	0.005	0	0	0	1	L
L PD.4010	PL.33722	C	fuse6AMP	14.10Y	117.5	0.00	8.49	0.31	5	4	1	97	0.00	0.0	12.314	0.000	0	0	0	1	L
L PL.33723	PD.4010	C	4ACSR	14.10Y	117.5	0.00	8.49	0.31	0	4	1	97	0.00	0.0	12.416	0.102	0	0	0	1	L
L 4265013	PL.33723	C	Consumer	14.10Y	117.5	0.00	8.49	0.31	0	4	1	97	0.00	0.0	12.416	0.000	4	1	1	1	L
L PL.30364	PL.30363	C	4ACSR	14.10Y	117.5	0.01	8.49	1.64	1	22	8	94	0.00	0.0	12.470	0.161	0	0	0	5	L
L PL.45397	PL.30364	C	4ACSR	14.10Y	117.5	0.00	8.49	0.75	1	10	4	93	0.00	0.0	12.512	0.042	0	0	0	4	L
L PL.45398	PL.45397	C	4ACSR	14.10Y	117.5	0.00	8.50	0.75	1	10	4	93	0.00	0.0	12.657	0.145	0	0	0	4	L
L PL.19716	PL.45398	C	4ACSR	14.10Y	117.5	0.00	8.50	0.32	0	4	2	89	0.00	0.0	12.713	0.056	0	0	0	3	L
L PL.2367	PL.19716	C	4ACSR	14.10Y	117.5	0.00	8.50	0.10	0	1	0	100	0.00	0.0	12.773	0.059	0	0	0	1	L
L 426512	PL.2367	C	Consumer	14.10Y	117.5	0.00	8.50	0.10	0	1	0	100	0.00	0.0	12.773	0.000	1	0	1	1	L
L 426505	PL.2367	C	Consumer	14.10Y	117.5	0.00	8.50	0.00	0	0	0	100	0.00	0.0	12.773	0.000	0	0	0	0	L
L PL.26343	PL.19716	C	4ACSR	14.10Y	117.5	0.00	8.50	0.23	0	3	1	95	0.00	0.0	12.769	0.055	0	0	0	2	L
L 426510	PL.26343	C	Consumer	14.10Y	117.5	0.00	8.50	0.00	0	0	0	100	0.00	0.0	12.769	0.000	0	0	1	1	L
L PL.6674	PL.26343	C	4ACSR	14.10Y	117.5	0.00	8.50	0.23	0	3	1	95	0.00	0.0	12.815	0.046	0	0	0	1	L
L 426507	PL.6674	C	Consumer	14.10Y	117.5	0.00	8.50	0.23	0	3	1	95	0.00	0.0	12.815	0.000	3	1	1	1	L
L 426506	PL.45398	C	Consumer	14.10Y	117.5	0.00	8.50	0.43	0	6	2	95	0.00	0.0	12.657	0.000	6	2	1	1	L
L 4264002	PL.45397	C	Consumer	14.10Y	117.5	0.00	8.49	0.00	0	0	0	100	0.00	0.0	12.512	0.000	0	0	0	0	L
L 426401	PL.30364	C	Consumer	14.10Y	117.5	0.00	8.49	0.89	0	12	4	95	0.00	0.0	12.470	0.000	12	4	1	1	L
L PL.33724	PL.11185	C	4ACSR	14.10Y	117.5	0.00	8.48	0.28	0	4	1	97	0.00	0.0	12.083	0.005	0	0	0	2	L
L PD.4011	PL.33724	C	fuse6AMP	14.10Y	117.5	0.00	8.48	0.28	5	4	1	97	0.00	0.0	12.083	0.000	0	0	0	2	L
L PL.33725	PD.4011	C	4ACSR	14.10Y	117.5	0.00	8.48	0.28	0	4	1	97	0.00	0.0	12.184	0.101	0	0	0	2	L
L 426502	PL.33725	C	Consumer	14.10Y	117.5	0.00	8.48	0.27	0	4	1	97	0.00	0.0	12.184	0.000	4	1	1	1	L
L 426503	PL.33725	C	Consumer	14.10Y	117.5	0.00	8.48	0.01	0	0	0	100	0.00	0.0	12.184	0.000	0	0	1	1	L

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss		
L PL.11426	PL.11427	C	4ACSR	14.11Y	117.6	0.00	8.43	0.00	0	0	0	100	0.00	0.0	11.637	0.154	0	0	0	0	L	
L PL.33730	PL.11427	C	4ACSR	14.11Y	117.6	0.00	8.43	1.23	1	16	6	94	0.00	0.0	11.491	0.008	0	0	0	0	6	L
L PD.4014	PL.33730	C	fuse6AMP	14.11Y	117.6	0.00	8.43	1.23	21	16	6	94	0.00	0.0	11.491	0.000	0	0	0	0	6	L
L PL.33731	PD.4014	C	4ACSR	14.11Y	117.6	0.00	8.44	1.23	1	16	6	94	0.00	0.0	11.645	0.155	0	0	0	0	6	L
L PL.11182	PL.33731	C	4ACSR	14.11Y	117.6	0.00	8.44	1.23	1	16	6	94	0.00	0.0	11.680	0.034	0	0	0	0	6	L
L PL.19438	PL.11182	C	4ACSR	14.11Y	117.6	0.00	8.44	1.02	1	14	5	94	0.00	0.0	11.739	0.059	0	0	0	0	4	L
L 425509	PL.19438	C	Consumer	14.11Y	117.6	0.00	8.44	0.22	0	3	1	95	0.00	0.0	11.739	0.000	3	1	1	1	1	L
L 425526	PL.19438	C	Consumer	14.11Y	117.6	0.00	8.44	0.39	0	5	2	93	0.00	0.0	11.739	0.000	5	2	1	1	1	L
L PL.19623	PL.19438	C	4ACSR	14.11Y	117.6	0.00	8.44	0.42	0	5	2	93	0.00	0.0	11.865	0.126	0	0	0	0	2	L
L PL.19624	PL.19623	C	4ACSR	14.11Y	117.6	0.00	8.44	0.42	0	5	2	93	0.00	0.0	11.903	0.038	0	0	0	0	2	L
L PL.2379	PL.19624	C	4ACSR	14.11Y	117.6	0.00	8.44	0.04	0	1	0	100	0.00	0.0	12.095	0.191	0	0	0	0	1	L
L 425532	PL.2379	C	Consumer	14.11Y	117.6	0.00	8.44	0.04	0	1	0	100	0.00	0.0	12.095	0.000	1	0	1	1	1	L
L PL.11648	PL.19624	C	4ACSR	14.11Y	117.6	0.00	8.44	0.38	0	5	2	93	0.00	0.0	12.052	0.149	0	0	0	0	1	L
L 425510	PL.11648	C	Consumer	14.11Y	117.6	0.00	8.44	0.38	0	5	2	93	0.00	0.0	12.052	0.000	5	2	1	1	1	L
L 425541	PL.19623	C	Consumer	14.11Y	117.6	0.00	8.44	0.00	0	0	0	100	0.00	0.0	11.865	0.000	0	0	0	0	0	L
L PL.11183	PL.11182	C	4ACSR	14.11Y	117.6	0.00	8.44	0.20	0	3	1	95	0.00	0.0	11.771	0.091	0	0	0	0	2	L
L 425407	PL.11183	C	Consumer	14.11Y	117.6	0.00	8.44	0.00	0	0	0	100	0.00	0.0	11.771	0.000	0	0	1	1	1	L
L PL.11184	PL.11183	C	4ACSR	14.11Y	117.6	0.00	8.44	0.20	0	3	1	95	0.00	0.0	11.841	0.070	0	0	0	0	1	L
L 425538	PL.11184	C	Consumer	14.11Y	117.6	0.00	8.44	0.20	0	3	1	95	0.00	0.0	11.841	0.000	3	1	1	1	1	L
L PL.2375	PL.37908	C	4ACSR	14.11Y	117.6	0.00	8.42	0.52	0	7	2	96	0.00	0.0	11.392	0.063	0	0	0	0	1	L
L 425416	PL.2375	C	Consumer	14.11Y	117.6	0.00	8.42	0.00	0	0	0	100	0.00	0.0	11.392	0.000	0	0	0	0	0	L
L 425415	PL.2375	C	Consumer	14.11Y	117.6	0.00	8.42	0.52	0	7	2	96	0.00	0.0	11.392	0.000	7	2	1	1	1	L
L PL.11422	PL.11650	C	4ACSR	14.11Y	117.6	0.00	8.40	9.83	8	130	49	94	0.00	0.0	11.148	0.004	0	0	0	0	53	L
L PD.2640	PL.11422	C	25V4E	14.11Y	117.6	0.00	8.40	9.83	39	130	49	94	0.00	0.0	11.148	0.000	0	0	0	0	53	L
L PL.11423	PD.2640	C	4ACSR	14.10Y	117.5	0.09	8.49	9.83	8	130	49	94	0.09	0.1	11.560	0.411	0	0	0	0	53	L
L 425406	PL.11423	C	Consumer	14.10Y	117.5	0.00	8.49	0.00	0	0	0	100	0.00	0.0	11.560	0.000	0	0	1	1	1	L
L 425402	PL.11423	C	Consumer	14.10Y	117.5	0.00	8.49	0.45	0	6	2	95	0.00	0.0	11.560	0.000	6	2	1	1	1	L
L PL.11207	PL.11423	C	4ACSR	14.10Y	117.5	0.01	8.50	9.38	8	124	47	94	0.01	0.0	11.625	0.065	0	0	0	0	51	L
L PL.26952	PL.11207	C	4ACSR	14.10Y	117.5	0.00	8.50	0.00	0	0	0	100	0.00	0.0	11.649	0.024	0	0	0	0	1	L
L PD.1345	PL.26952	C	fuse6AMP	14.10Y	117.5	0.00	8.50	0.00	0	0	0	100	0.00	0.0	11.649	0.000	0	0	0	0	1	L
L PL.26953	PD.1345	C	4ACSR	14.10Y	117.5	0.00	8.50	0.00	0	0	0	100	0.00	0.0	11.787	0.138	0	0	0	0	1	L
L PL.2371	PL.26953	C	4ACSR	14.10Y	117.5	0.00	8.50	0.00	0	0	0	100	0.00	0.0	11.851	0.065	0	0	0	0	0	L
L 425409	PL.2371	C	Consumer	14.10Y	117.5	0.00	8.50	0.00	0	0	0	100	0.00	0.0	11.851	0.000	0	0	0	0	0	L
L PL.2372	PL.2371	C	4ACSR	14.10Y	117.5	0.00	8.50	0.00	0	0	0	100	0.00	0.0	11.911	0.059	0	0	0	0	0	L
L 425411	PL.2372	C	Consumer	14.10Y	117.5	0.00	8.50	0.00	0	0	0	100	0.00	0.0	11.911	0.000	0	0	0	0	0	L
L 425410	PL.26953	C	Consumer	14.10Y	117.5	0.00	8.50	0.00	0	0	0	100	0.00	0.0	11.787	0.000	0	0	1	1	1	L
L PL.11208	PL.11207	C	4ACSR	14.10Y	117.5	0.03	8.53	9.38	8	124	47	94	0.03	0.0	11.768	0.143	0	0	0	0	50	L
L PL.26344	PL.11208	C	4ACSR	14.09Y	117.4	0.03	8.56	9.38	8	124	47	94	0.03	0.0	11.912	0.144	0	0	0	0	50	L

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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-'.

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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							
L PL.26946	PL.6561	C	4ACSR	14.06Y	117.1	0.00	8.85	0.02	0	0	0	100	0.00	0.0	13.484	0.020	0	0	0	5 L
L PD.1	PL.26946	C	fuse6AMP	14.06Y	117.1	0.00	8.85	0.02	0	0	0	100	0.00	0.0	13.484	0.000	0	0	0	5 L
L PL.26947	PD.1	C	4ACSR	14.06Y	117.1	0.00	8.85	0.02	0	0	0	100	0.00	0.0	13.729	0.245	0	0	0	5 L
L PL.1047	PL.26947	C	4ACSR	14.06Y	117.1	0.00	8.85	0.00	0	0	0	100	0.00	0.0	13.979	0.251	0	0	0	1 L
L 424321	PL.1047	C	Consumer	14.06Y	117.1	0.00	8.85	0.00	0	0	0	100	0.00	0.0	13.979	0.000	0	0	1	1 L
L PL.11229	PL.26947	C	4ACSR	14.06Y	117.1	0.00	8.85	0.02	0	0	0	100	0.00	0.0	13.730	0.002	0	0	0	4 L
L PL.11230	PL.11229	C	4ACSR	14.06Y	117.1	0.00	8.85	0.00	0	0	0	100	0.00	0.0	13.904	0.174	0	0	0	1 L
L PL.6564	PL.11230	C	4ACSR	14.06Y	117.1	0.00	8.85	0.00	0	0	0	100	0.00	0.0	14.316	0.412	0	0	0	1 L
L 423205	PL.6564	C	Consumer	14.06Y	117.1	0.00	8.85	0.00	0	0	0	100	0.00	0.0	14.316	0.000	0	0	1	1 L
L PL.6567	PL.11229	C	4ACSR	14.06Y	117.1	0.00	8.85	0.02	0	0	0	100	0.00	0.0	13.786	0.056	0	0	0	3 L
L PL.6568	PL.6567	C	4ACSR	14.06Y	117.1	0.00	8.85	0.02	0	0	0	100	0.00	0.0	13.920	0.135	0	0	0	2 L
L 424210	PL.6568	C	Consumer	14.06Y	117.1	0.00	8.85	0.00	0	0	0	100	0.00	0.0	13.920	0.000	0	0	1	1 L
L 424208	PL.6568	C	Consumer	14.06Y	117.1	0.00	8.85	0.02	0	0	0	100	0.00	0.0	13.920	0.000	0	0	1	1 L
L 424215	PL.6567	C	Consumer	14.06Y	117.1	0.00	8.85	0.00	0	0	0	100	0.00	0.0	13.786	0.000	0	0	1	1 L
L PL.11225	PL.6561	C	4ACSR	14.05Y	117.1	0.04	8.89	7.31	6	97	35	94	0.03	0.0	13.684	0.220	0	0	0	31 L
L PL.11226	PL.11225	C	4ACSR	14.05Y	117.1	0.02	8.91	6.59	6	87	32	94	0.01	0.0	13.826	0.142	0	0	0	28 L
L PL.11227	PL.11226	C	4ACSR	14.04Y	117.0	0.06	8.98	6.59	6	87	32	94	0.04	0.0	14.245	0.419	0	0	0	27 L
L PL.11228	PL.11227	C	4ACSR	14.04Y	117.0	0.02	9.00	6.41	5	85	31	94	0.02	0.0	14.408	0.163	0	0	0	26 L
L PL.26938	PL.11228	C	4ACSR	14.04Y	117.0	0.00	9.00	4.09	3	54	20	94	0.00	0.0	14.422	0.014	0	0	0	22 L
L PD.3677	PL.26938	C	fuse6AMP	14.04Y	117.0	0.00	9.00	4.09	70	54	20	94	0.00	0.0	14.422	0.000	0	0	0	22 L
L PL.26939	PD.3677	C	4ACSR	14.04Y	117.0	0.03	9.03	4.09	3	54	20	94	0.01	0.0	14.698	0.276	0	0	0	22 L
L PL.33685	PL.26939	C	4ACSR	14.04Y	117.0	0.00	9.03	0.30	0	4	1	97	0.00	0.0	14.705	0.007	0	0	0	1 L
L PD.3993	PL.33685	C	fuse6AMP	14.04Y	117.0	0.00	9.03	0.30	5	4	1	97	0.00	0.0	14.705	0.000	0	0	0	1 L
L PL.33686	PD.3993	C	4ACSR	14.04Y	117.0	0.00	9.03	0.30	0	4	1	97	0.00	0.0	14.838	0.134	0	0	0	1 L
L 423207	PL.33686	C	Consumer	14.04Y	117.0	0.00	9.03	0.30	0	4	1	97	0.00	0.0	14.838	0.000	4	1	1	1 L
L PL.11231	PL.26939	C	4ACSR	14.03Y	117.0	0.02	9.04	3.80	3	50	18	94	0.01	0.0	14.898	0.200	0	0	0	21 L
L PL.33684	PL.11231	C	4ACSR	14.03Y	117.0	0.00	9.04	0.93	1	12	4	95	0.00	0.0	14.904	0.006	0	0	0	2 L
L PD.3992	PL.33684	C	fuse6AMP	14.03Y	117.0	0.00	9.04	0.93	16	12	4	95	0.00	0.0	14.904	0.000	0	0	0	2 L
L PL.33683	PD.3992	C	4ACSR	14.03Y	117.0	0.00	9.05	0.93	1	12	4	95	0.00	0.0	14.969	0.065	0	0	0	2 L
L 413908	PL.33683	C	Consumer	14.03Y	117.0	0.00	9.05	0.85	0	11	4	94	0.00	0.0	14.969	0.000	11	4	1	1 L
L 413918	PL.33683	C	Consumer	14.03Y	117.0	0.00	9.05	0.08	0	1	0	100	0.00	0.0	14.969	0.000	1	0	1	1 L
L PL.11232	PL.11231	C	4ACSR	14.03Y	117.0	0.01	9.05	2.87	2	38	14	94	0.00	0.0	14.982	0.085	0	0	0	19 L
L PL.11301	PL.11232	C	4ACSR	14.03Y	117.0	0.00	9.05	1.07	1	14	5	94	0.00	0.0	14.995	0.013	0	0	0	7 L
L PD.291-A	PL.11301	C	Closed	14.03Y	117.0	0.00	9.05	1.07	0	14	5	94	0.00	0.0	14.995	0.000	0	0	0	7 L
L PD.291-B	PD.291-A	C	Closed	14.03Y	117.0	0.00	9.05	1.07	0	14	5	94	0.00	0.0	14.995	0.000	0	0	0	7 L
L PL.11302	PD.291-B	C	4ACSR	14.03Y	116.9	0.00	9.05	1.07	1	14	5	94	0.00	0.0	15.033	0.038	0	0	0	7 L
L PL.11296	PL.11302	C	4ACSR	14.03Y	116.9	0.00	9.05	1.07	1	14	5	94	0.00	0.0	15.190	0.157	0	0	0	7 L
L PL.11297	PL.11296	C	4ACSR	14.03Y	116.9	0.00	9.05	1.07	1	14	5	94	0.00	0.0	15.190	0.000	0	0	0	7 L

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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							
L PL.11298	PL.11297	C	4ACSR	14.03Y	116.9	0.00	9.06	0.94	1	12	5	92	0.00	0.0	15.265	0.075	0	0	0	5 L
L PL.11295	PL.11298	C	4ACSR	14.03Y	116.9	0.00	9.06	0.42	0	6	2	95	0.00	0.0	15.354	0.089	0	0	0	3 L
L PL.11233	PL.11295	C	4ACSR	14.03Y	116.9	0.00	9.06	0.42	0	6	2	95	0.00	0.0	15.538	0.184	0	0	0	3 L
L PL.11234	PL.11233	C	4ACSR	14.03Y	116.9	0.00	9.06	0.03	0	0	0	100	0.00	0.0	15.769	0.230	0	0	0	1 L
L 414904	PL.11234	C	Consumer	14.03Y	116.9	0.00	9.06	0.03	0	0	0	100	0.00	0.0	15.769	0.000	0	0	1	1 L
L PL.2171	PL.11233	C	4ACSR	14.03Y	116.9	0.00	9.06	0.00	0	0	0	100	0.00	0.0	15.614	0.075	0	0	0	1 L
L 414905	PL.2171	C	Consumer	14.03Y	116.9	0.00	9.06	0.00	0	0	0	100	0.00	0.0	15.614	0.000	0	0	1	1 L
L 414902	PL.11233	C	Consumer	14.03Y	116.9	0.00	9.06	0.39	0	5	2	93	0.00	0.0	15.538	0.000	5	2	1	1 L
L PL.29280	PL.11298	C	4ACSR	14.03Y	116.9	0.00	9.06	0.52	0	7	3	92	0.00	0.0	15.293	0.028	0	0	0	2 L
L PL.29281	PL.29280	C	4ACSR	14.03Y	116.9	0.00	9.06	0.52	0	7	3	92	0.00	0.0	15.424	0.130	0	0	0	2 L
L 414910	PL.29281	C	Consumer	14.03Y	116.9	0.00	9.06	0.06	0	1	0	100	0.00	0.0	15.424	0.000	1	0	1	1 L
L 414911	PL.29281	C	Consumer	14.03Y	116.9	0.00	9.06	0.47	0	6	2	95	0.00	0.0	15.424	0.000	6	2	1	1 L
L PL.29384	PL.11297	C	4ACSR	14.03Y	116.9	0.00	9.06	0.09	0	1	0	100	0.00	0.0	15.360	0.170	0	0	0	1 L
L 414909	PL.29384	C	Consumer	14.03Y	116.9	0.00	9.06	0.09	0	1	0	100	0.00	0.0	15.360	0.000	1	0	1	1 L
L 414913	PL.11297	C	Consumer	14.03Y	116.9	0.00	9.05	0.03	0	0	0	100	0.00	0.0	15.190	0.000	0	0	1	1 L
L PL.11299	PL.11232	C	4ACSR	14.03Y	117.0	0.00	9.05	0.71	1	9	3	95	0.00	0.0	14.999	0.016	0	0	0	4 L
L PD.551	PL.11299	C	fuse6AMP	14.03Y	117.0	0.00	9.05	0.71	12	9	3	95	0.00	0.0	14.999	0.000	0	0	0	4 L
L PL.11300	PD.551	C	4ACSR	14.03Y	116.9	0.00	9.05	0.71	1	9	3	95	0.00	0.0	15.091	0.092	0	0	0	4 L
L 413915	PL.11300	C	Consumer	14.03Y	116.9	0.00	9.05	0.31	0	4	1	97	0.00	0.0	15.091	0.000	4	1	1	1 L
L PL.11303	PL.11300	C	4ACSR	14.03Y	116.9	0.00	9.05	0.40	0	5	2	93	0.00	0.0	15.215	0.124	0	0	0	3 L
L 413901	PL.11303	C	Consumer	14.03Y	116.9	0.00	9.05	0.08	0	1	0	100	0.00	0.0	15.215	0.000	1	0	1	1 L
L PL.29465	PL.11303	C	4ACSR	14.03Y	116.9	0.00	9.05	0.32	0	4	2	89	0.00	0.0	15.298	0.083	0	0	0	2 L
L PL.29466	PL.29465	C	4ACSR	14.03Y	116.9	0.00	9.05	0.32	0	4	2	89	0.00	0.0	15.366	0.068	0	0	0	2 L
L PL.29467	PL.29466	C	4ACSR	14.03Y	116.9	0.00	9.05	0.03	0	0	0	100	0.00	0.0	15.449	0.084	0	0	0	1 L
L 413914	PL.29467	C	Consumer	14.03Y	116.9	0.00	9.05	0.03	0	0	0	100	0.00	0.0	15.449	0.000	0	0	1	1 L
L 413910	PL.29466	C	Consumer	14.03Y	116.9	0.00	9.05	0.29	0	4	1	97	0.00	0.0	15.366	0.000	4	1	1	1 L
L PL.29282	PL.29465	C	4ACSR	14.03Y	116.9	0.00	9.05	0.00	0	0	0	100	0.00	0.0	15.375	0.078	0	0	0	0 L
L PL.11304	PL.11303	C	4ACSR	14.03Y	116.9	0.00	9.05	0.00	0	0	0	100	0.00	0.0	15.215	0.000	0	0	0	0 L
L PL.14911	PL.11232	C	4ACSR	14.03Y	116.9	0.00	9.05	1.09	1	14	5	94	0.00	0.0	15.001	0.019	0	0	0	8 L
L PD.290-A	PL.14911	C	Closed	14.03Y	116.9	0.00	9.05	1.09	0	14	5	94	0.00	0.0	15.001	0.000	0	0	0	8 L
L PD.290-B	PD.290-A	C	Closed	14.03Y	116.9	0.00	9.05	1.09	0	14	5	94	0.00	0.0	15.001	0.000	0	0	0	8 L
L PL.14912	PD.290-B	C	4ACSR	14.03Y	116.9	0.01	9.06	1.09	1	14	5	94	0.00	0.0	15.213	0.212	0	0	0	8 L
L PL.11305	PL.14912	C	4ACSR	14.03Y	116.9	0.00	9.06	0.55	0	7	3	92	0.00	0.0	15.284	0.071	0	0	0	7 L
L PL.45187	PL.11305	C	4ACSR	14.03Y	116.9	0.00	9.06	0.54	0	7	3	92	0.00	0.0	15.294	0.010	0	0	0	5 L
L PD.8609	PL.45187	C	fuse6AMP	14.03Y	116.9	0.00	9.06	0.54	9	7	3	92	0.00	0.0	15.294	0.000	0	0	0	5 L
L PL.45188	PD.8609	C	4ACSR	14.03Y	116.9	0.00	9.06	0.54	0	7	3	92	0.00	0.0	15.298	0.004	0	0	0	5 L
L PL.45413	PL.45188	C	2ACSR	14.03Y	116.9	0.00	9.06	0.33	0	4	2	89	0.00	0.0	15.358	0.059	0	0	0	1 L
L PL.45412	PL.45413	C	2ACSR	14.03Y	116.9	0.00	9.06	0.00	0	0	0	100	0.00	0.0	15.385	0.027	0	0	0	0 L

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	
L 4139020	PL.45412	C	Consumer	14.03Y	116.9	0.00	9.06	0.00	0	0	0	100	0.00	0.0	15.385	0.000	0	0	0	0	L
L PL.45414	PL.45413	C	2ACSR	14.03Y	116.9	0.00	9.06	0.33	0	4	2	89	0.00	0.0	15.453	0.095	0	0	0	1	L
L 4232015	PL.45414	C	Consumer	14.03Y	116.9	0.00	9.06	0.33	0	4	2	89	0.00	0.0	15.453	0.000	4	2	1	1	L
L PL.33692	PL.45188	C	4ACSR	14.03Y	116.9	0.00	9.06	0.21	0	3	1	95	0.00	0.0	15.320	0.021	0	0	0	4	L
L PL.11307	PL.33692	C	4ACSR	14.03Y	116.9	0.00	9.06	0.21	0	3	1	95	0.00	0.0	15.366	0.046	0	0	0	4	L
L 413905	PL.11307	C	Consumer	14.03Y	116.9	0.00	9.06	0.02	0	0	0	100	0.00	0.0	15.366	0.000	0	0	1	1	L
L PL.6085	PL.11307	C	4ACSR	14.03Y	116.9	0.00	9.06	0.20	0	3	1	95	0.00	0.0	15.395	0.028	0	0	0	3	L
L PL.27955	PL.6085	C	4ACSR	14.03Y	116.9	0.00	9.06	0.20	0	3	1	95	0.00	0.0	15.650	0.255	0	0	0	3	L
L PL.27956	PL.27955	C	4ACSR	14.03Y	116.9	0.00	9.06	0.17	0	2	1	89	0.00	0.0	15.787	0.138	0	0	0	2	L
L PL.1046	PL.27956	C	4ACSR	14.03Y	116.9	0.00	9.06	0.17	0	2	1	89	0.00	0.0	15.876	0.089	0	0	0	1	L
L 423203	PL.1046	C	Consumer	14.03Y	116.9	0.00	9.06	0.17	0	2	1	89	0.00	0.0	15.876	0.000	2	1	1	1	L
L PL.45540	PL.27956	C	2ACSR	14.03Y	116.9	0.00	9.06	0.00	0	0	0	100	0.00	0.0	15.977	0.189	0	0	0	0	L
L 4232016	PL.45540	C	Consumer	14.03Y	116.9	0.00	9.06	0.00	0	0	0	100	0.00	0.0	15.977	0.000	0	0	0	0	L
L 423202	PL.27956	C	Consumer	14.03Y	116.9	0.00	9.06	0.00	0	0	0	100	0.00	0.0	15.787	0.000	0	0	1	1	L
L PL.6565	PL.27956	C	4ACSR	14.03Y	116.9	0.00	9.06	0.00	0	0	0	100	0.00	0.0	15.874	0.087	0	0	0	0	L
L 423206	PL.6565	C	Consumer	14.03Y	116.9	0.00	9.06	0.00	0	0	0	100	0.00	0.0	15.874	0.000	0	0	0	0	L
L 423209	PL.27955	C	Consumer	14.03Y	116.9	0.00	9.06	0.03	0	0	0	100	0.00	0.0	15.650	0.000	0	0	1	1	L
L PL.33690	PL.11305	C	4ACSR	14.03Y	116.9	0.00	9.06	0.01	0	0	0	100	0.00	0.0	15.287	0.003	0	0	0	2	L
L PD.3995	PL.33690	C	fuse6AMP	14.03Y	116.9	0.00	9.06	0.01	0	0	0	100	0.00	0.0	15.287	0.000	0	0	0	2	L
L PL.45191	PD.3995	C	4ACSR	14.03Y	116.9	0.00	9.06	0.01	0	0	0	100	0.00	0.0	15.295	0.008	0	0	0	2	L
L PL.45189	PL.45191	C	4ACSR	14.03Y	116.9	0.00	9.06	0.01	0	0	0	100	0.00	0.0	15.347	0.052	0	0	0	1	L
L 413904	PL.45189	C	Consumer	14.03Y	116.9	0.00	9.06	0.01	0	0	0	100	0.00	0.0	15.347	0.000	0	0	1	1	L
L PL.45190	PL.45191	C	4ACSR	14.03Y	116.9	0.00	9.06	0.00	0	0	0	100	0.00	0.0	15.385	0.090	0	0	0	1	L
L 413909	PL.45190	C	Consumer	14.03Y	116.9	0.00	9.06	0.00	0	0	0	100	0.00	0.0	15.385	0.000	0	0	1	1	L
L PL.33687	PL.14912	C	4ACSR	14.03Y	116.9	0.00	9.06	0.54	0	7	3	92	0.00	0.0	15.221	0.008	0	0	0	1	L
L PD.3994	PL.33687	C	fuse6AMP	14.03Y	116.9	0.00	9.06	0.54	9	7	3	92	0.00	0.0	15.221	0.000	0	0	0	1	L
L PL.33688	PD.3994	C	4ACSR	14.03Y	116.9	0.00	9.06	0.54	0	7	3	92	0.00	0.0	15.278	0.057	0	0	0	1	L
L 413919	PL.33688	C	Consumer	14.03Y	116.9	0.00	9.06	0.54	0	7	3	92	0.00	0.0	15.278	0.000	7	3	1	1	L
L PL.23896	PL.11228	C	4ACSR	14.04Y	117.0	0.00	9.00	2.32	2	31	11	94	0.00	0.0	14.491	0.083	0	0	0	4	L
L 424212	PL.23896	C	Consumer	14.04Y	117.0	0.00	9.00	1.22	0	16	6	94	0.00	0.0	14.491	0.000	16	6	1	1	L
L 424201	PL.23896	C	Consumer	14.04Y	117.0	0.00	9.00	0.00	0	0	0	100	0.00	0.0	14.491	0.000	0	0	0	0	L
L PL.29612	PL.23896	C	4ACSR	14.04Y	117.0	0.00	9.00	1.09	1	14	5	94	0.00	0.0	14.504	0.013	0	0	0	3	L
L PD.2	PL.29612	C	fuse6AMP	14.04Y	117.0	0.00	9.00	1.09	19	14	5	94	0.00	0.0	14.504	0.000	0	0	0	3	L
L PL.29613	PD.2	C	4ACSR	14.04Y	117.0	0.01	9.01	1.09	1	14	5	94	0.00	0.0	14.733	0.229	0	0	0	3	L
L PL.29382	PL.29613	C	4ACSR	14.04Y	117.0	0.00	9.01	1.09	1	14	5	94	0.00	0.0	14.768	0.035	0	0	0	3	L
L 414907	PL.29382	C	Consumer	14.04Y	117.0	0.00	9.01	0.14	0	2	1	89	0.00	0.0	14.768	0.000	2	1	1	1	L
L 414908	PL.29382	C	Consumer	14.04Y	117.0	0.00	9.01	0.61	0	8	3	94	0.00	0.0	14.768	0.000	8	3	1	1	L
L PL.29383	PL.29382	C	4ACSR	14.04Y	117.0	0.00	9.01	0.35	0	5	2	93	0.00	0.0	14.930	0.163	0	0	0	1	L

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	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss		
L 414906	PL.29383	C	Consumer	14.04Y	117.0	0.00	9.01	0.35	0	5	2	93	0.00	0.0	14.930	0.000	5	2	1	1	L	
L PL.15170	PL.11227	C	4ACSR	14.04Y	117.0	0.00	8.98	0.17	0	2	1	89	0.00	0.0	14.254	0.009	0	0	0	0	1	L
L PD.3676	PL.15170	C	fuse6AMP	14.04Y	117.0	0.00	8.98	0.17	3	2	1	89	0.00	0.0	14.254	0.000	0	0	0	0	1	L
L PL.26937	PD.3676	C	4ACSR	14.04Y	117.0	0.00	8.98	0.17	0	2	1	89	0.00	0.0	14.350	0.096	0	0	0	0	1	L
L 424211	PL.26937	C	Consumer	14.04Y	117.0	0.00	8.98	0.17	0	2	1	89	0.00	0.0	14.350	0.000	2	1	1	1	1	L
L PL.26940	PL.11226	C	4ACSR	14.05Y	117.1	0.00	8.91	0.00	0	0	0	100	0.00	0.0	13.845	0.019	0	0	0	0	1	L
L PD.3675	PL.26940	C	fuse6AMP	14.05Y	117.1	0.00	8.91	0.00	0	0	0	100	0.00	0.0	13.845	0.000	0	0	0	0	1	L
L PL.26941	PD.3675	C	4ACSR	14.05Y	117.1	0.00	8.91	0.00	0	0	0	100	0.00	0.0	13.936	0.091	0	0	0	0	1	L
L 424202	PL.26941	C	Consumer	14.05Y	117.1	0.00	8.91	0.00	0	0	0	100	0.00	0.0	13.936	0.000	0	0	1	1	1	L
L PL.26944	PL.11225	C	4ACSR	14.05Y	117.1	0.00	8.89	0.58	0	8	3	94	0.00	0.0	13.703	0.019	0	0	0	0	2	L
L PD.3673	PL.26944	C	fuse6AMP	14.05Y	117.1	0.00	8.89	0.58	10	8	3	94	0.00	0.0	13.703	0.000	0	0	0	0	2	L
L PL.26945	PD.3673	C	4ACSR	14.05Y	117.1	0.00	8.89	0.58	0	8	3	94	0.00	0.0	13.722	0.019	0	0	0	0	2	L
L PL.6566	PL.26945	C	4ACSR	14.05Y	117.1	0.00	8.89	0.58	0	8	3	94	0.00	0.0	13.773	0.052	0	0	0	0	1	L
L 424207	PL.6566	C	Consumer	14.05Y	117.1	0.00	8.89	0.58	0	8	3	94	0.00	0.0	13.773	0.000	8	3	1	1	1	L
L 424214	PL.26945	C	Consumer	14.05Y	117.1	0.00	8.89	0.00	0	0	0	100	0.00	0.0	13.722	0.000	0	0	1	1	1	L
L PL.26942	PL.11225	C	4ACSR	14.05Y	117.1	0.00	8.89	0.14	0	2	1	89	0.00	0.0	13.702	0.018	0	0	0	0	1	L
L PD.3674	PL.26942	C	fuse6AMP	14.05Y	117.1	0.00	8.89	0.14	2	2	1	89	0.00	0.0	13.702	0.000	0	0	0	0	1	L
L PL.26943	PD.3674	C	4ACSR	14.05Y	117.1	0.00	8.89	0.14	0	2	1	89	0.00	0.0	14.006	0.304	0	0	0	0	1	L
L 424206	PL.26943	C	Consumer	14.05Y	117.1	0.00	8.89	0.14	0	2	1	89	0.00	0.0	14.006	0.000	2	1	1	1	1	L
L PL.26948	PL.26951	C	4ACSR	14.07Y	117.3	0.00	8.73	0.52	0	7	2	96	0.00	0.0	12.783	0.042	0	0	0	0	3	L
L PD.3672	PL.26948	C	fuse6AMP	14.07Y	117.3	0.00	8.73	0.52	9	7	2	96	0.00	0.0	12.783	0.000	0	0	0	0	3	L
L PL.26949	PD.3672	C	4ACSR	14.07Y	117.3	0.00	8.73	0.52	0	7	2	96	0.00	0.0	12.880	0.097	0	0	0	0	3	L
L PL.23892	PL.26949	C	4ACSR	14.07Y	117.3	0.00	8.74	0.52	0	7	2	96	0.00	0.0	13.006	0.126	0	0	0	0	3	L
L 424315	PL.23892	C	Consumer	14.07Y	117.3	0.00	8.74	0.49	0	7	2	96	0.00	0.0	13.006	0.000	7	2	1	1	1	L
L PL.23895	PL.23892	C	4ACSR	14.07Y	117.3	0.00	8.74	0.00	0	0	0	100	0.00	0.0	13.104	0.098	0	0	0	0	1	L
L 424319	PL.23895	C	Consumer	14.07Y	117.3	0.00	8.74	0.00	0	0	0	100	0.00	0.0	13.104	0.000	0	0	1	1	1	L
L PL.23893	PL.23892	C	4ACSR	14.07Y	117.3	0.00	8.74	0.02	0	0	0	100	0.00	0.0	13.146	0.140	0	0	0	0	1	L
L PL.23894	PL.23893	C	4ACSR	14.07Y	117.3	0.00	8.74	0.02	0	0	0	100	0.00	0.0	13.216	0.070	0	0	0	0	1	L
L PL.23891	PL.23894	C	4ACSR	14.07Y	117.3	0.00	8.74	0.02	0	0	0	100	0.00	0.0	13.337	0.121	0	0	0	0	1	L
L 424316	PL.23891	C	Consumer	14.07Y	117.3	0.00	8.74	0.02	0	0	0	100	0.00	0.0	13.337	0.000	0	0	1	1	1	L
L PL.26954	PL.19150	C	4ACSR	14.13Y	117.8	0.00	8.24	4.82	4	64	23	94	0.00	0.0	10.752	0.013	0	0	0	0	23	L
L PD.3119	PL.26954	C	25V4E	14.13Y	117.8	0.00	8.24	4.82	19	64	23	94	0.00	0.0	10.752	0.000	0	0	0	0	23	L
L PL.26955	PD.3119	C	4ACSR	14.13Y	117.7	0.02	8.27	4.82	4	64	23	94	0.01	0.0	10.968	0.216	0	0	0	0	23	L
L PL.6671	PL.26955	C	4ACSR	14.13Y	117.7	0.00	8.27	3.66	3	49	18	94	0.00	0.0	10.985	0.017	0	0	0	0	21	L
L PL.11199	PL.6671	C	4ACSR	14.13Y	117.7	0.01	8.28	3.66	3	49	18	94	0.00	0.0	11.082	0.097	0	0	0	0	21	L
L PL.33712	PL.11199	C	4ACSR	14.13Y	117.7	0.00	8.28	1.03	1	14	5	94	0.00	0.0	11.087	0.005	0	0	0	0	6	L
L PD.4004	PL.33712	C	fuse6AMP	14.13Y	117.7	0.00	8.28	1.03	18	14	5	94	0.00	0.0	11.087	0.000	0	0	0	0	6	L
L PL.33713	PD.4004	C	4ACSR	14.13Y	117.7	0.00	8.28	1.03	1	14	5	94	0.00	0.0	11.279	0.192	0	0	0	0	6	L

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		
L PL.23901	PL.33713	C	4ACSR	14.13Y	117.7	0.00	8.28	0.81	1	11	4	94	0.00	0.0	11.317	0.039	0	0	0	2	L	
L PL.2380	PL.23901	C	4ACSR	14.13Y	117.7	0.00	8.28	0.81	1	11	4	94	0.00	0.0	11.350	0.032	0	0	0	2	L	
L 425533	PL.2380	C	Consumer	14.13Y	117.7	0.00	8.28	0.81	0	11	4	94	0.00	0.0	11.350	0.000	11	4	1	1	L	
L 425542	PL.2380	C	Consumer	14.13Y	117.7	0.00	8.28	0.00	0	0	0	100	0.00	0.0	11.350	0.000	0	0	1	1	L	
L PL.1049	PL.33713	C	4ACSR	14.13Y	117.7	0.00	8.28	0.00	0	0	0	100	0.00	0.0	11.363	0.084	0	0	0	1	L	
L 424512	PL.1049	C	Consumer	14.13Y	117.7	0.00	8.28	0.00	0	0	0	100	0.00	0.0	11.363	0.000	0	0	1	1	L	
L 424503	PL.33713	C	Consumer	14.13Y	117.7	0.00	8.28	0.05	0	1	0	100	0.00	0.0	11.279	0.000	1	0	1	1	L	
L PL.24791	PL.33713	C	4ACSR	14.13Y	117.7	0.00	8.28	0.17	0	2	1	89	0.00	0.0	11.342	0.064	0	0	0	2	L	
L PL.24792	PL.24791	C	4ACSR	14.13Y	117.7	0.00	8.28	0.01	0	0	0	100	0.00	0.0	11.394	0.052	0	0	0	1	L	
L 424508	PL.24792	C	Consumer	14.13Y	117.7	0.00	8.28	0.01	0	0	0	100	0.00	0.0	11.394	0.000	0	0	1	1	L	
L 424518	PL.24791	C	Consumer	14.13Y	117.7	0.00	8.28	0.16	0	2	1	89	0.00	0.0	11.342	0.000	2	1	1	1	L	
L PL.11200	PL.11199	C	4ACSR	14.13Y	117.7	0.01	8.29	2.63	2	35	13	94	0.00	0.0	11.290	0.207	0	0	0	15	L	
L 424502	PL.11200	C	Consumer	14.13Y	117.7	0.00	8.29	0.39	0	5	2	93	0.00	0.0	11.290	0.000	5	2	1	1	L	
L PL.33716	PL.11200	C	4ACSR	14.13Y	117.7	0.00	8.29	0.74	1	10	4	93	0.00	0.0	11.304	0.015	0	0	0	5	L	
L PD.4006	PL.33716	C	fuse6AMP	14.13Y	117.7	0.00	8.29	0.74	13	10	4	93	0.00	0.0	11.304	0.000	0	0	0	5	L	
L PL.33717	PD.4006	C	4ACSR	14.13Y	117.7	0.00	8.29	0.74	1	10	4	93	0.00	0.0	11.413	0.109	0	0	0	5	L	
L 424511	PL.33717	C	Consumer	14.13Y	117.7	0.00	8.29	0.04	0	1	0	100	0.00	0.0	11.413	0.000	1	0	1	1	L	
L PL.6569	PL.33717	C	4ACSR	14.12Y	117.7	0.00	8.29	0.70	1	9	3	95	0.00	0.0	11.601	0.188	0	0	0	4	L	
L PL.6570	PL.6569	C	4ACSR	14.12Y	117.7	0.00	8.30	0.68	1	9	3	95	0.00	0.0	11.779	0.178	0	0	0	3	L	
L PL.1051	PL.6570	C	4ACSR	14.12Y	117.7	0.00	8.30	0.00	0	0	0	100	0.00	0.0	11.952	0.173	0	0	0	1	L	
L 424506	PL.1051	C	Consumer	14.12Y	117.7	0.00	8.30	0.00	0	0	0	100	0.00	0.0	11.952	0.000	0	0	1	1	L	
L PL.6571	PL.6570	C	4ACSR	14.12Y	117.7	0.00	8.30	0.68	1	9	3	95	0.00	0.0	11.857	0.078	0	0	0	2	L	
L PL.6572	PL.6571	C	4ACSR	14.12Y	117.7	0.00	8.30	0.68	1	9	3	95	0.00	0.0	11.917	0.060	0	0	0	2	L	
L PL.1053	PL.6572	C	4ACSR	14.12Y	117.7	0.00	8.30	0.00	0	0	0	100	0.00	0.0	12.040	0.123	0	0	0	1	L	
L 424505	PL.1053	C	Consumer	14.12Y	117.7	0.00	8.30	0.00	0	0	0	100	0.00	0.0	12.040	0.000	0	0	1	1	L	
L PL.1054	PL.6572	C	4ACSR	14.12Y	117.7	0.00	8.30	0.68	1	9	3	95	0.00	0.0	12.023	0.106	0	0	0	1	L	
L 424514	PL.1054	C	Consumer	14.12Y	117.7	0.00	8.30	0.68	0	9	3	95	0.00	0.0	12.023	0.000	9	3	1	1	L	
L 424515	PL.6571	C	Consumer	14.12Y	117.7	0.00	8.30	0.00	0	0	0	100	0.00	0.0	11.857	0.000	0	0	0	0	L	
L 424513	PL.6569	C	Consumer	14.12Y	117.7	0.00	8.29	0.03	0	0	0	100	0.00	0.0	11.601	0.000	0	0	1	1	L	
L PL.33714	PL.11200	C	4ACSR	14.13Y	117.7	0.00	8.29	0.00	0	0	0	100	0.00	0.0	11.301	0.011	0	0	0	1	L	
L PD.4005	PL.33714	C	fuse6AMP	14.13Y	117.7	0.00	8.29	0.00	0	0	0	100	0.00	0.0	11.301	0.000	0	0	0	1	L	
L PL.33715	PD.4005	C	4ACSR	14.13Y	117.7	0.00	8.29	0.00	0	0	0	100	0.00	0.0	11.408	0.107	0	0	0	1	L	
L 424516	PL.33715	C	Consumer	14.13Y	117.7	0.00	8.29	0.00	0	0	0	100	0.00	0.0	11.408	0.000	0	0	1	1	L	
L PL.18309	PL.11200	C	4ACSR	14.13Y	117.7	0.00	8.29	1.50	1	20	7	94	0.00	0.0	11.357	0.067	0	0	0	8	L	
L PD.297-A	PL.18309	C	Closed	14.13Y	117.7	0.00	8.29	1.50	0	20	7	94	0.00	0.0	11.357	0.000	0	0	0	8	L	
L PD.297-B	PD.297-A	C	Closed	14.13Y	117.7	0.00	8.29	1.50	0	20	7	94	0.00	0.0	11.357	0.000	0	0	0	8	L	
L PL.18310	PD.297-B	C	4ACSR	14.12Y	117.7	0.00	8.29	1.50	1	20	7	94	0.00	0.0	11.452	0.095	0	0	0	8	L	
L 424504	PL.18310	C	Consumer	14.12Y	117.7	0.00	8.29	0.00	0	0	0	100	0.00	0.0	11.452	0.000	0	0	1	1	L	

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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 PL.11201	PL.18310	C	4ACSR	14.12Y	117.7	0.00	8.30	1.50	1	20	7	94	0.00	0.0	11.573	0.121	0	0	0	7	L
L PL.33718	PL.11201	C	4ACSR	14.12Y	117.7	0.00	8.30	0.45	0	6	2	95	0.00	0.0	11.580	0.007	0	0	0	1	L
L PD.4008	PL.33718	C	fuse6AMP	14.12Y	117.7	0.00	8.30	0.45	8	6	2	95	0.00	0.0	11.580	0.000	0	0	0	1	L
L PL.33719	PD.4008	C	4ACSR	14.12Y	117.7	0.00	8.30	0.45	0	6	2	95	0.00	0.0	11.723	0.144	0	0	0	1	L
L 4245025	PL.33719	C	Consumer	14.12Y	117.7	0.00	8.30	0.00	0	0	0	100	0.00	0.0	11.723	0.000	0	0	0	0	L
L 424517	PL.33719	C	Consumer	14.12Y	117.7	0.00	8.30	0.45	0	6	2	95	0.00	0.0	11.723	0.000	6	2	1	1	L
L PL.11202	PL.11201	C	4ACSR	14.12Y	117.7	0.01	8.31	1.05	1	14	5	94	0.00	0.0	11.965	0.392	0	0	0	6	L
L 424501	PL.11202	C	Consumer	14.12Y	117.7	0.00	8.31	0.39	0	5	2	93	0.00	0.0	11.965	0.000	5	2	1	1	L
L PL.11203	PL.11202	C	4ACSR	14.12Y	117.7	0.00	8.31	0.66	1	9	3	95	0.00	0.0	12.121	0.156	0	0	0	5	L
L PL.11204	PL.11203	C	4ACSR	14.12Y	117.7	0.00	8.31	0.01	0	0	0	100	0.00	0.0	12.291	0.170	0	0	0	1	L
L 423501	PL.11204	C	Consumer	14.12Y	117.7	0.00	8.31	0.01	0	0	0	100	0.00	0.0	12.291	0.000	0	0	1	1	L
L PL.33720	PL.11203	C	4ACSR	14.12Y	117.7	0.00	8.31	0.65	1	9	3	95	0.00	0.0	12.129	0.008	0	0	0	4	L
L PD.4009	PL.33720	C	fuse6AMP	14.12Y	117.7	0.00	8.31	0.65	11	9	3	95	0.00	0.0	12.129	0.000	0	0	0	4	L
L PL.33721	PD.4009	C	4ACSR	14.12Y	117.7	0.00	8.31	0.65	1	9	3	95	0.00	0.0	12.217	0.088	0	0	0	4	L
L 423505	PL.33721	C	Consumer	14.12Y	117.7	0.00	8.31	0.00	0	0	0	100	0.00	0.0	12.217	0.000	0	0	1	1	L
L 423502	PL.33721	C	Consumer	14.12Y	117.7	0.00	8.31	0.64	0	9	3	95	0.00	0.0	12.217	0.000	9	3	1	1	L
L PL.23899	PL.33721	C	4ACSR	14.12Y	117.7	0.00	8.31	0.01	0	0	0	100	0.00	0.0	12.275	0.058	0	0	0	2	L
L PL.23900	PL.23899	C	4ACSR	14.12Y	117.7	0.00	8.31	0.01	0	0	0	100	0.00	0.0	12.365	0.090	0	0	0	1	L
L 423504	PL.23900	C	Consumer	14.12Y	117.7	0.00	8.31	0.01	0	0	0	100	0.00	0.0	12.365	0.000	0	0	1	1	L
L 423503	PL.23899	C	Consumer	14.12Y	117.7	0.00	8.31	0.00	0	0	0	100	0.00	0.0	12.275	0.000	0	0	1	1	L
L 425519	PL.26955	C	Consumer	14.13Y	117.7	0.00	8.27	0.14	0	2	1	89	0.00	0.0	10.968	0.000	2	1	1	1	L
L 425501	PL.26955	C	Consumer	14.13Y	117.7	0.00	8.27	1.02	0	14	5	94	0.00	0.0	10.968	0.000	14	5	1	1	L
L PL.11190	PL.17998	C	4ACSR	14.15Y	117.9	0.00	8.12	0.00	0	0	0	100	0.00	0.0	10.511	0.017	0	0	0	0	L
L PD.1342	PL.11190	C	fuse6AMP	14.15Y	117.9	0.00	8.12	0.00	0	0	0	100	0.00	0.0	10.511	0.000	0	0	0	0	L
L PL.11191	PD.1342	C	4ACSR	14.15Y	117.9	0.00	8.12	0.00	0	0	0	100	0.00	0.0	10.608	0.097	0	0	0	0	L
L 425522	PL.11191	C	Consumer	14.15Y	117.9	0.00	8.12	0.00	0	0	0	100	0.00	0.0	10.608	0.000	0	0	0	0	L
L PL.18505	PL.11646	C	4ACSR	14.15Y	118.0	0.00	8.04	3.41	3	45	17	94	0.00	0.0	10.355	0.013	0	0	0	9	L
L PD.1341	PL.18505	C	fuse6AMP	14.15Y	118.0	0.00	8.04	3.41	58	45	17	94	0.00	0.0	10.355	0.000	0	0	0	9	L
L PL.45686	PD.1341	C	4ACSR	14.15Y	118.0	0.00	8.05	3.41	3	45	17	94	0.00	0.0	10.407	0.051	0	0	0	9	L
L PL.45687	PL.45686	C	4ACSR	14.15Y	117.9	0.01	8.06	3.41	3	45	17	94	0.00	0.0	10.527	0.121	0	0	0	9	L
L PL.2377	PL.45687	C	4ACSR	14.15Y	117.9	0.00	8.06	0.98	1	13	5	93	0.00	0.0	10.562	0.035	0	0	0	2	L
L 425536	PL.2377	C	Consumer	14.15Y	117.9	0.00	8.06	0.09	0	1	0	100	0.00	0.0	10.562	0.000	1	0	1	1	L
L 425530	PL.2377	C	Consumer	14.15Y	117.9	0.00	8.06	0.90	0	12	4	95	0.00	0.0	10.562	0.000	12	4	1	1	L
L PL.19316	PL.45687	C	4ACSR	14.15Y	117.9	0.00	8.06	1.99	2	26	10	93	0.00	0.0	10.601	0.073	0	0	0	6	L
L PL.19148	PL.19316	C	4ACSR	14.15Y	117.9	0.00	8.06	1.10	1	15	5	95	0.00	0.0	10.631	0.030	0	0	0	5	L
L PL.11647	PL.19148	C	4ACSR	14.15Y	117.9	0.00	8.06	0.75	1	10	4	93	0.00	0.0	10.677	0.046	0	0	0	4	L
L PL.2365	PL.11647	C	4ACSR	14.15Y	117.9	0.00	8.06	0.75	1	10	4	93	0.00	0.0	10.845	0.167	0	0	0	3	L
L PL.2378	PL.2365	C	4ACSR	14.15Y	117.9	0.00	8.07	0.75	1	10	4	93	0.00	0.0	10.917	0.072	0	0	0	2	L

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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	
L 425537	PL.2378	C	Consumer	14.15Y	117.9	0.00	8.07	0.53	0	7	3	92	0.00	0.0	10.917	0.000	7	3	1	1	L
L 425531	PL.2378	C	Consumer	14.15Y	117.9	0.00	8.07	0.22	0	3	1	95	0.00	0.0	10.917	0.000	3	1	1	1	L
L 425514	PL.2365	C	Consumer	14.15Y	117.9	0.00	8.06	0.00	0	0	0	100	0.00	0.0	10.845	0.000	0	0	1	1	L
L PL.2366	PL.11647	C	4ACSR	14.15Y	117.9	0.00	8.06	0.00	0	0	0	100	0.00	0.0	10.765	0.087	0	0	0	1	L
L 425521	PL.2366	C	Consumer	14.15Y	117.9	0.00	8.06	0.00	0	0	0	100	0.00	0.0	10.765	0.000	0	0	1	1	L
L PL.2374	PL.19148	C	4ACSR	14.15Y	117.9	0.00	8.06	0.36	0	5	2	93	0.00	0.0	10.701	0.070	0	0	0	1	L
L 425527	PL.2374	C	Consumer	14.15Y	117.9	0.00	8.06	0.36	0	5	2	93	0.00	0.0	10.701	0.000	5	2	1	1	L
L 425513	PL.19316	C	Consumer	14.15Y	117.9	0.00	8.06	0.89	0	12	4	95	0.00	0.0	10.601	0.000	12	4	1	1	L
L PL.2382	PL.45687	C	4ACSR	14.15Y	117.9	0.00	8.06	0.44	0	6	2	95	0.00	0.0	10.555	0.027	0	0	0	1	L
L 425535	PL.2382	C	Consumer	14.15Y	117.9	0.00	8.06	0.44	0	6	2	95	0.00	0.0	10.555	0.000	6	2	1	1	L
L 4255045	PL.45686	C	Consumer	14.15Y	118.0	0.00	8.05	0.00	0	0	0	100	0.00	0.0	10.407	0.000	0	0	0	0	L
PL.11639	PL.11644	C	4ACSR	14.18Y	118.1	0.00	7.87	1.13	1	15	5	95	0.00	0.0	10.056	0.014	0	0	0	6	
PD.1340	PL.11639	C	fuse6AMP	14.18Y	118.1	0.00	7.87	1.13	19	15	5	95	0.00	0.0	10.056	0.000	0	0	0	6	
PL.11640	PD.1340	C	4ACSR	14.18Y	118.1	0.00	7.87	1.13	1	15	5	95	0.00	0.0	10.095	0.039	0	0	0	6	
425539	PL.11640	C	Consumer	14.18Y	118.1	0.00	7.87	0.22	0	3	1	95	0.00	0.0	10.095	0.000	3	1	1	1	
PL.2384	PL.11640	C	4ACSR	14.18Y	118.1	0.00	7.87	0.00	0	0	0	100	0.00	0.0	10.157	0.062	0	0	0	0	
425520	PL.2384	C	Consumer	14.18Y	118.1	0.00	7.87	0.00	0	0	0	100	0.00	0.0	10.157	0.000	0	0	0	0	
PL.11638	PL.11640	C	4ACSR	14.18Y	118.1	0.00	7.87	0.91	1	12	4	95	0.00	0.0	10.126	0.030	0	0	0	5	
PL.6668	PL.11638	C	4ACSR	14.18Y	118.1	0.00	7.87	0.91	1	12	4	95	0.00	0.0	10.235	0.110	0	0	0	5	
425505	PL.6668	C	Consumer	14.18Y	118.1	0.00	7.87	0.46	0	6	2	95	0.00	0.0	10.235	0.000	6	2	1	1	
PL.6669	PL.6668	C	4ACSR	14.18Y	118.1	0.00	7.87	0.45	0	6	2	95	0.00	0.0	10.462	0.227	0	0	0	4	
PL.6667	PL.6669	C	4ACSR	14.18Y	118.1	0.00	7.87	0.08	0	1	0	100	0.00	0.0	10.603	0.141	0	0	0	2	
426513	PL.6667	C	Consumer	14.18Y	118.1	0.00	7.87	0.00	0	0	0	100	0.00	0.0	10.603	0.000	0	0	0	0	
425507	PL.6667	C	Consumer	14.18Y	118.1	0.00	7.87	0.08	0	1	0	100	0.00	0.0	10.603	0.000	1	0	1	1	
PL.2363	PL.6667	C	4ACSR	14.18Y	118.1	0.00	7.87	0.00	0	0	0	100	0.00	0.0	10.737	0.134	0	0	0	1	
PL.2364	PL.2363	C	4ACSR	14.18Y	118.1	0.00	7.87	0.00	0	0	0	100	0.00	0.0	10.823	0.086	0	0	0	1	
426504	PL.2364	C	Consumer	14.18Y	118.1	0.00	7.87	0.00	0	0	0	100	0.00	0.0	10.823	0.000	0	0	1	1	
425523	PL.6669	C	Consumer	14.18Y	118.1	0.00	7.87	0.04	0	1	0	100	0.00	0.0	10.462	0.000	1	0	1	1	
425524	PL.6669	C	Consumer	14.18Y	118.1	0.00	7.87	0.33	0	4	2	89	0.00	0.0	10.462	0.000	4	2	1	1	
PL.20252	PL.11637	C	4ACSR	14.19Y	118.3	0.00	7.72	0.75	1	10	4	93	0.00	0.0	9.812	0.009	0	0	0	3	
PD.1339	PL.20252	C	fuse6AMP	14.19Y	118.3	0.00	7.72	0.75	13	10	4	93	0.00	0.0	9.812	0.000	0	0	0	3	
PL.20253	PD.1339	C	4ACSR	14.19Y	118.3	0.00	7.72	0.75	1	10	4	93	0.00	0.0	9.889	0.077	0	0	0	3	
PL.6672	PL.20253	C	4ACSR	14.19Y	118.3	0.00	7.72	0.07	0	1	0	100	0.00	0.0	9.959	0.070	0	0	0	2	
425540	PL.6672	C	Consumer	14.19Y	118.3	0.00	7.72	0.00	0	0	0	100	0.00	0.0	9.959	0.000	0	0	1	1	
425517	PL.6672	C	Consumer	14.19Y	118.3	0.00	7.72	0.07	0	1	0	100	0.00	0.0	9.959	0.000	1	0	1	1	
425528	PL.20253	C	Consumer	14.19Y	118.3	0.00	7.72	0.68	0	9	3	95	0.00	0.0	9.889	0.000	9	3	1	1	
425608	PL.6670	C	Consumer	14.20Y	118.4	0.00	7.64	0.35	0	5	2	93	0.00	0.0	9.680	0.000	5	2	1	1	
425613	PL.24544	C	Consumer	14.25Y	118.8	0.00	7.22	0.45	0	6	2	95	0.00	0.0	9.047	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: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
425619	PL.24544	C	Consumer	14.25Y	118.8	0.00	7.22	0.00	0	0	0	100	0.00	0.0	9.047	0.000	0	0	1	1
PL.12203	PL.11634	C	4ACSR	14.27Y	118.9	0.00	7.10	0.40	0	5	2	93	0.00	0.0	8.896	0.010	0	0	0	1
PD.1290	PL.12203	C	fuse6AMP	14.27Y	118.9	0.00	7.10	0.40	7	5	2	93	0.00	0.0	8.896	0.000	0	0	0	1
PL.12204	PD.1290	C	4ACSR	14.27Y	118.9	0.00	7.10	0.40	0	5	2	93	0.00	0.0	8.992	0.096	0	0	0	1
PL.2259	PL.12204	C	4ACSR	14.27Y	118.9	0.00	7.10	0.40	0	5	2	93	0.00	0.0	9.023	0.032	0	0	0	1
424608	PL.2259	C	Consumer	14.27Y	118.9	0.00	7.10	0.40	0	5	2	93	0.00	0.0	9.023	0.000	5	2	1	1
425620	PL.11629	C	Consumer	14.29Y	119.1	0.00	6.89	0.54	0	7	3	92	0.00	0.0	8.613	0.000	7	3	1	1
4267026	PL.41478	C	Consumer	14.39Y	119.9	0.00	6.10	0.02	0	0	0	100	0.00	0.0	7.649	0.000	0	0	1	1
426701	PL.11622	C	Consumer	14.40Y	120.0	0.00	6.01	0.51	0	7	3	92	0.00	0.0	7.542	0.000	7	3	1	1
PL.11619	PL.24796	C	4ACSR	14.40Y	120.0	0.00	5.97	4.69	4	64	23	94	0.00	0.0	7.506	0.005	0	0	0	13
PD.3109	PL.11619	C	25V4E	14.40Y	120.0	0.00	5.97	4.69	19	64	23	94	0.00	0.0	7.506	0.000	0	0	0	13
PL.11620	PD.3109	C	4ACSR	14.40Y	120.0	0.01	5.99	4.69	4	64	23	94	0.01	0.0	7.614	0.108	0	0	0	13
PL.45740	PL.11620	C	4ACSR	14.40Y	120.0	0.01	5.99	3.99	3	54	19	94	0.00	0.0	7.677	0.063	0	0	0	11
PL.45741	PL.45740	C	4ACSR	14.40Y	120.0	0.00	6.00	3.99	3	54	19	94	0.00	0.0	7.722	0.045	0	0	0	11
PL.11209	PL.45741	C	4ACSR	14.40Y	120.0	0.03	6.02	3.49	3	47	17	94	0.01	0.0	8.055	0.333	0	0	0	10
PL.19526	PL.11209	C	4ACSR	14.40Y	120.0	0.01	6.03	2.13	2	29	10	95	0.00	0.0	8.224	0.169	0	0	0	5
PL.19527	PL.19526	C	4ACSR	14.40Y	120.0	0.01	6.04	2.09	2	28	10	94	0.00	0.0	8.393	0.168	0	0	0	4
PL.38962	PL.19527	C	4ACSR	14.40Y	120.0	0.00	6.04	0.00	0	0	0	100	0.00	0.0	8.404	0.011	0	0	0	0
PL.38964	PL.19527	C	4ACSR	14.40Y	120.0	0.00	6.04	0.75	1	10	4	93	0.00	0.0	8.402	0.009	0	0	0	1
PL.38965	PL.38964	C	4ACSR	14.40Y	120.0	0.00	6.04	0.75	1	10	4	93	0.00	0.0	8.535	0.133	0	0	0	1
PL.24798	PL.38965	C	4ACSR	14.40Y	120.0	0.00	6.04	0.00	0	0	0	100	0.00	0.0	8.563	0.028	0	0	0	0
PL.2311	PL.24798	C	4ACSR	14.40Y	120.0	0.00	6.04	0.00	0	0	0	100	0.00	0.0	8.593	0.030	0	0	0	0
426714	PL.38965	C	Consumer	14.40Y	120.0	0.00	6.04	0.75	0	10	4	93	0.00	0.0	8.535	0.000	10	4	1	1
426710	PL.19527	C	Consumer	14.40Y	120.0	0.00	6.04	0.13	0	2	1	89	0.00	0.0	8.393	0.000	2	1	1	1
PL.45789	PL.19527	C	4ACSR	14.40Y	120.0	0.00	6.04	0.63	1	9	3	95	0.00	0.0	8.482	0.089	0	0	0	1
PL.45790	PL.45789	C	1/0EPRJCN	14.40Y	120.0	0.00	6.04	0.63	0	9	3	95	0.00	0.0	8.516	0.034	0	0	0	1
426718	PL.45790	C	Consumer	14.40Y	120.0	0.00	6.04	0.64	0	9	3	95	0.00	0.0	8.516	0.000	9	3	1	1
PL.11212	PL.19527	C	4ACSR	14.40Y	120.0	0.00	6.04	0.59	0	8	3	94	0.00	0.0	8.599	0.207	0	0	0	1
PL.23910	PL.11212	C	4ACSR	14.40Y	120.0	0.00	6.04	0.00	0	0	0	100	0.00	0.0	8.667	0.067	0	0	0	0
PL.11213	PL.11212	C	4ACSR	14.39Y	120.0	0.00	6.04	0.59	0	8	3	94	0.00	0.0	8.687	0.087	0	0	0	1
PL.24795	PL.11213	C	4ACSR	14.39Y	120.0	0.00	6.04	0.00	0	0	0	100	0.00	0.0	9.390	0.703	0	0	0	0
426715	PL.11213	C	Consumer	14.39Y	120.0	0.00	6.04	0.59	0	8	3	94	0.00	0.0	8.687	0.000	8	3	1	1
426708	PL.19526	C	Consumer	14.40Y	120.0	0.00	6.03	0.04	0	1	0	100	0.00	0.0	8.224	0.000	1	0	1	1
PL.38957	PL.11209	C	4ACSR	14.40Y	120.0	0.00	6.02	1.10	1	15	5	95	0.00	0.0	8.059	0.004	0	0	0	4
PD.6787	PL.38957	C	fuse6AMP	14.40Y	120.0	0.00	6.02	1.10	19	15	5	95	0.00	0.0	8.059	0.000	0	0	0	4
PL.38960	PD.6787	C	4ACSR	14.40Y	120.0	0.00	6.02	1.10	1	15	5	95	0.00	0.0	8.064	0.005	0	0	0	4
PL.38961	PL.38960	C	4ACSR	14.40Y	120.0	0.00	6.02	0.77	1	10	4	93	0.00	0.0	8.130	0.065	0	0	0	2
426725	PL.38961	C	Consumer	14.40Y	120.0	0.00	6.02	0.00	0	0	0	100	0.00	0.0	8.130	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
426724	PL.38961	C	Consumer	14.40Y	120.0	0.00	6.02	0.77	0	10	4	93	0.00	0.0	8.130	0.000	10	4	1	1
426706	PL.38961	C	Consumer	14.40Y	120.0	0.00	6.02	0.00	0	0	0	100	0.00	0.0	8.130	0.000	0	0	1	1
PL.38959	PL.38960	C	4ACSR	14.40Y	120.0	0.00	6.02	0.34	0	5	2	93	0.00	0.0	8.199	0.135	0	0	0	2
PL.23917	PL.38959	C	4ACSR	14.40Y	120.0	0.00	6.02	0.00	0	0	0	100	0.00	0.0	8.265	0.066	0	0	0	1
426722	PL.23917	C	Consumer	14.40Y	120.0	0.00	6.02	0.00	0	0	0	100	0.00	0.0	8.265	0.000	0	0	1	1
426719	PL.38959	C	Consumer	14.40Y	120.0	0.00	6.02	0.34	0	5	2	93	0.00	0.0	8.199	0.000	5	2	1	1
PL.33737	PL.11209	C	4ACSR	14.40Y	120.0	0.00	6.02	0.26	0	4	1	97	0.00	0.0	8.060	0.005	0	0	0	1
PD.4017	PL.33737	C	fuse6AMP	14.40Y	120.0	0.00	6.02	0.26	4	4	1	97	0.00	0.0	8.060	0.000	0	0	0	1
PL.33738	PD.4017	C	4ACSR	14.40Y	120.0	0.00	6.02	0.26	0	4	1	97	0.00	0.0	8.201	0.141	0	0	0	1
PL.11211	PL.33738	C	4ACSR	14.40Y	120.0	0.00	6.02	0.00	0	0	0	100	0.00	0.0	8.302	0.101	0	0	0	0
426709	PL.33738	C	Consumer	14.40Y	120.0	0.00	6.02	0.26	0	4	1	97	0.00	0.0	8.201	0.000	4	1	1	1
PL.38955	PL.45741	C	4ACSR	14.40Y	120.0	0.00	6.00	0.50	0	7	2	96	0.00	0.0	7.727	0.005	0	0	0	1
PD.6786	PL.38955	C	fuse6AMP	14.40Y	120.0	0.00	6.00	0.50	8	7	2	96	0.00	0.0	7.727	0.000	0	0	0	1
PL.38956	PD.6786	C	4ACSR	14.40Y	120.0	0.00	6.00	0.50	0	7	2	96	0.00	0.0	7.856	0.129	0	0	0	1
PL.23912	PL.38956	C	4ACSR	14.40Y	120.0	0.00	6.00	0.50	0	7	2	96	0.00	0.0	7.998	0.142	0	0	0	1
426720	PL.23912	C	Consumer	14.40Y	120.0	0.00	6.00	0.50	0	7	2	96	0.00	0.0	7.998	0.000	7	2	1	1
PL.23914	PL.45741	C	4ACSR	14.40Y	120.0	0.00	6.00	0.00	0	0	0	100	0.00	0.0	7.870	0.148	0	0	0	0
PL.45739	PL.45740	C	2ACSR	14.40Y	120.0	0.00	5.99	0.00	0	0	0	100	0.00	0.0	7.724	0.047	0	0	0	0
4267027	PL.45739	C	Consumer	14.40Y	120.0	0.00	5.99	0.00	0	0	0	100	0.00	0.0	7.724	0.000	0	0	0	0
426723	PL.11620	C	Consumer	14.40Y	120.0	0.00	5.99	0.04	0	1	0	100	0.00	0.0	7.614	0.000	1	0	1	1
426721	PL.11620	C	Consumer	14.40Y	120.0	0.00	5.99	0.66	0	9	3	95	0.00	0.0	7.614	0.000	9	3	1	1
PL.25610	PL.11616	C	4ACSR	14.43Y	120.3	0.00	5.73	0.06	0	1	0	100	0.00	0.0	7.256	0.009	0	0	0	1
PD.3681	PL.25610	C	fuse6AMP	14.43Y	120.3	0.00	5.73	0.06	1	1	0	100	0.00	0.0	7.256	0.000	0	0	0	1
PL.25611	PD.3681	C	4ACSR	14.43Y	120.3	0.00	5.73	0.06	0	1	0	100	0.00	0.0	7.359	0.103	0	0	0	1
426617	PL.25611	C	Consumer	14.43Y	120.3	0.00	5.73	0.06	0	1	0	100	0.00	0.0	7.359	0.000	1	0	1	1
PL.25608	PL.11616	C	4ACSR	14.43Y	120.3	0.00	5.73	0.50	0	7	2	96	0.00	0.0	7.259	0.013	0	0	0	1
PD.3680	PL.25608	C	fuse6AMP	14.43Y	120.3	0.00	5.73	0.50	9	7	2	96	0.00	0.0	7.259	0.000	0	0	0	1
PL.25609	PD.3680	C	4ACSR	14.43Y	120.3	0.00	5.74	0.50	0	7	2	96	0.00	0.0	7.374	0.115	0	0	0	1
426613	PL.25609	C	Consumer	14.43Y	120.3	0.00	5.74	0.50	0	7	2	96	0.00	0.0	7.374	0.000	7	2	1	1
426616	PL.25828	C	Consumer	14.49Y	120.8	0.00	5.21	0.67	0	9	3	95	0.00	0.0	6.712	0.000	9	3	1	1
427701	PL.6657	C	Consumer	14.54Y	121.2	0.00	4.82	0.16	0	2	1	89	0.00	0.0	6.323	0.000	2	1	1	1
PL.26027	PL.26026	C	4ACSR	14.56Y	121.3	0.00	4.67	0.00	0	0	0	100	0.00	0.0	6.192	0.014	0	0	0	0
PD.1312	PL.26027	C	fuse6AMP	14.56Y	121.3	0.00	4.67	0.00	0	0	0	100	0.00	0.0	6.192	0.000	0	0	0	0
PL.25820	PD.1312	C	4ACSR	14.56Y	121.3	0.00	4.67	0.00	0	0	0	100	0.00	0.0	6.246	0.053	0	0	0	0
427714	PL.25820	C	Consumer	14.56Y	121.3	0.00	4.67	0.00	0	0	0	100	0.00	0.0	6.246	0.000	0	0	0	0
PL.25821	PL.26026	C	4ACSR	14.56Y	121.3	0.00	4.67	0.38	0	5	2	93	0.00	0.0	6.186	0.007	0	0	0	2
PD.1310	PL.25821	C	fuse6AMP	14.56Y	121.3	0.00	4.67	0.38	7	5	2	93	0.00	0.0	6.186	0.000	0	0	0	2
PL.25822	PD.1310	C	4ACSR	14.56Y	121.3	0.00	4.67	0.38	0	5	2	93	0.00	0.0	6.304	0.118	0	0	0	2

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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.2347, 427718, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
PL.26018	PL.26017	A	4ACSR	14.85Y	123.7	0.17	2.28	33.87	28	472	176	94	0.59	0.1	5.427	0.216	0	0	0	120
PL.16122	PL.26018	A	4ACSR	14.84Y	123.7	0.02	2.30	32.37	27	450	168	94	0.06	0.0	5.450	0.023	0	0	0	116
PD.309-A	PL.16122	A	Closed	14.84Y	123.7	0.00	2.30	32.37	0	450	168	94	0.00	0.0	5.450	0.000	0	0	0	116
PD.309-B	PD.309-A	A	Closed	14.84Y	123.7	0.00	2.30	32.37	0	450	168	94	0.00	0.0	5.450	0.000	0	0	0	116
PL.16123	PD.309-B	A	4ACSR	14.80Y	123.4	0.34	2.64	32.37	27	450	168	94	1.15	0.3	5.908	0.458	0	0	0	116
PL.15723	PL.16123	A	4ACSR	14.79Y	123.2	0.13	2.77	31.67	27	439	163	94	0.44	0.1	6.090	0.182	0	0	0	113
PL.23648	PL.15723	A	4ACSR	14.78Y	123.2	0.02	2.79	31.67	27	439	163	94	0.08	0.0	6.124	0.034	0	0	0	113
PL.15568	PL.23648	A	4ACSR	14.78Y	123.2	0.00	2.80	27.63	23	383	143	94	0.01	0.0	6.132	0.007	0	0	0	99
PD.3113	PL.15568	A	50L	14.78Y	123.2	0.00	2.80	27.63	55	383	143	94	0.00	0.0	6.132	0.000	0	0	0	99
PL.15569	PD.3113	A	4ACSR	14.77Y	123.1	0.13	2.93	27.63	23	383	143	94	0.39	0.1	6.344	0.212	0	0	0	99
PL.33788	PL.15569	A	4ACSR	14.77Y	123.1	0.00	2.93	0.51	0	7	3	92	0.00	0.0	6.354	0.010	0	0	0	3
PD.4040	PL.33788	A	fuse6AMP	14.77Y	123.1	0.00	2.93	0.51	9	7	3	92	0.00	0.0	6.354	0.000	0	0	0	3
PL.33789	PD.4040	A	4ACSR	14.77Y	123.1	0.00	2.93	0.51	0	7	3	92	0.00	0.0	6.401	0.047	0	0	0	3
427911	PL.33789	A	Consumer	14.77Y	123.1	0.00	2.93	0.39	0	5	2	93	0.00	0.0	6.401	0.000	5	2	1	1
PL.19431	PL.33789	A	4ACSR	14.77Y	123.1	0.00	2.93	0.12	0	2	1	89	0.00	0.0	6.418	0.017	0	0	0	2
PL.2351	PL.19431	A	4ACSR	14.77Y	123.1	0.00	2.93	0.12	0	2	1	89	0.00	0.0	6.459	0.041	0	0	0	2
427827	PL.2351	A	Consumer	14.77Y	123.1	0.00	2.93	0.05	0	1	0	100	0.00	0.0	6.459	0.000	1	0	1	1
427811	PL.2351	A	Consumer	14.77Y	123.1	0.00	2.93	0.07	0	1	0	100	0.00	0.0	6.459	0.000	1	0	1	1
426901	PL.15569	A	Consumer	14.77Y	123.1	0.00	2.93	0.54	0	7	3	92	0.00	0.0	6.344	0.000	7	3	1	1
PL.15724	PL.15569	A	4ACSR	14.76Y	123.0	0.04	2.97	26.58	22	368	137	94	0.12	0.0	6.412	0.069	0	0	0	95
PL.15725	PL.15724	A	4ACSR	14.76Y	123.0	0.00	2.97	26.41	22	365	136	94	0.00	0.0	6.412	0.000	0	0	0	94
PL.26985	PL.15725	A	4ACSR	14.74Y	122.8	0.18	3.16	26.41	22	365	136	94	0.50	0.1	6.714	0.302	0	0	0	94
PL.16130	PL.26985	A	4ACSR	14.74Y	122.8	0.00	3.16	11.46	10	159	58	94	0.00	0.0	6.727	0.014	0	0	0	44
PD.301-A	PL.16130	A	Closed	14.74Y	122.8	0.00	3.16	11.46	0	159	58	94	0.00	0.0	6.727	0.000	0	0	0	44
PD.301-B	PD.301-A	A	Closed	14.74Y	122.8	0.00	3.16	11.46	0	159	58	94	0.00	0.0	6.727	0.000	0	0	0	44
PL.16131	PD.301-B	A	4ACSR	14.74Y	122.8	0.01	3.17	11.46	10	159	58	94	0.01	0.0	6.775	0.048	0	0	0	44
PL.37962	PL.16131	A	4ACSR	14.74Y	122.8	0.02	3.19	11.46	10	159	58	94	0.03	0.0	6.855	0.080	0	0	0	44
427912	PL.37962	A	Consumer	14.74Y	122.8	0.00	3.19	0.20	0	3	1	95	0.00	0.0	6.855	0.000	3	1	1	1
PL.37961	PL.37962	A	4ACSR	14.74Y	122.8	0.00	3.19	11.25	9	156	57	94	0.00	0.0	6.858	0.003	0	0	0	43
PL.37958	PL.37961	A	4ACSR	14.73Y	122.8	0.02	3.21	11.25	9	156	57	94	0.02	0.0	6.934	0.076	0	0	0	43
PL.37963	PL.37958	A	4ACSR	14.73Y	122.8	0.00	3.21	0.40	0	6	2	95	0.00	0.0	6.939	0.005	0	0	0	1
PD.6286	PL.37963	A	fuse6AMP	14.73Y	122.8	0.00	3.21	0.40	7	6	2	95	0.00	0.0	6.939	0.000	0	0	0	1
PL.37964	PD.6286	A	4ACSR	14.73Y	122.8	0.00	3.21	0.40	0	6	2	95	0.00	0.0	6.955	0.016	0	0	0	1
427902	PL.37964	A	Consumer	14.73Y	122.8	0.00	3.21	0.40	0	6	2	95	0.00	0.0	6.955	0.000	6	2	1	1
PL.37960	PL.37964	A	4ACSR	14.73Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	6.998	0.044	0	0	0	0
PL.37957	PL.37958	A	4ACSR	14.73Y	122.8	0.02	3.23	10.86	9	150	55	94	0.02	0.0	6.998	0.063	0	0	0	42
PL.15567	PL.37957	A	4ACSR	14.73Y	122.8	0.00	3.23	10.86	9	150	55	94	0.00	0.0	7.008	0.010	0	0	0	42
PD.3117	PL.15567	A	50V4E	14.73Y	122.8	0.00	3.23	10.86	22	150	55	94	0.00	0.0	7.008	0.000	0	0	0	42

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							% 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.15566	PD.3117	A	4ACSR	14.73Y	122.8	0.01	3.24	10.86	9	150	55	94	0.01	0.0	7.035	0.028	0	0	0	42	
427904	PL.15566	A	Consumer	14.73Y	122.8	0.00	3.24	0.48	0	7	2	96	0.00	0.0	7.035	0.000	7	2	1	1	
PL.6663	PL.15566	A	4ACSR	14.73Y	122.7	0.02	3.26	10.38	9	144	52	94	0.02	0.0	7.105	0.069	0	0	0	41	
PL.26993	PL.6663	A	4ACSR	14.73Y	122.7	0.00	3.26	10.38	9	144	52	94	0.00	0.0	7.105	0.000	0	0	0	41	
PL.26995	PL.26993	A	4ACSR	14.73Y	122.7	0.02	3.28	9.00	8	124	45	94	0.02	0.0	7.224	0.119	0	0	0	38	
PL.16138	PL.26995	A	4ACSR	14.73Y	122.7	0.00	3.28	0.55	0	8	3	94	0.00	0.0	7.239	0.015	0	0	0	2	
PL.16139	PL.16138	A	4ACSR	14.73Y	122.7	0.00	3.28	0.55	0	8	3	94	0.00	0.0	7.331	0.092	0	0	0	2	
427908	PL.16139	A	Consumer	14.73Y	122.7	0.00	3.28	0.00	0	0	0	100	0.00	0.0	7.331	0.000	0	0	0	0	
427907	PL.16139	A	Consumer	14.73Y	122.7	0.00	3.28	0.27	0	4	1	97	0.00	0.0	7.331	0.000	4	1	1	1	
427923	PL.16139	A	Consumer	14.73Y	122.7	0.00	3.28	0.27	0	4	1	97	0.00	0.0	7.331	0.000	4	1	1	1	
427913	PL.26995	A	Consumer	14.73Y	122.7	0.00	3.28	0.38	0	5	2	93	0.00	0.0	7.224	0.000	5	2	1	1	
PL.26994	PL.26995	A	4ACSR	14.73Y	122.7	0.01	3.29	8.07	7	112	41	94	0.01	0.0	7.271	0.047	0	0	0	35	
PL.14654	PL.26994	A	4ACSR	14.72Y	122.7	0.01	3.30	8.07	7	112	41	94	0.01	0.0	7.330	0.059	0	0	0	35	
PL.14653	PL.14654	A	4ACSR	14.72Y	122.7	0.03	3.33	8.07	7	112	41	94	0.02	0.0	7.471	0.141	0	0	0	35	
PL.16140	PL.14653	A	4ACSR	14.72Y	122.7	0.00	3.33	0.47	0	6	2	95	0.00	0.0	7.480	0.009	0	0	0	1	
PD.1336	PL.16140	A	fuse6AMP	14.72Y	122.7	0.00	3.33	0.47	8	6	2	95	0.00	0.0	7.480	0.000	0	0	0	1	
PL.16141	PD.1336	A	4ACSR	14.72Y	122.7	0.00	3.33	0.47	0	6	2	95	0.00	0.0	7.584	0.105	0	0	0	1	
PL.2348	PL.16141	A	4ACSR	14.72Y	122.7	0.00	3.33	0.47	0	6	2	95	0.00	0.0	7.695	0.110	0	0	0	1	
427916	PL.2348	A	Consumer	14.72Y	122.7	0.00	3.33	0.47	0	6	2	95	0.00	0.0	7.695	0.000	6	2	1	1	
PL.14652	PL.14653	A	4ACSR	14.72Y	122.6	0.03	3.36	7.60	6	105	38	94	0.03	0.0	7.662	0.190	0	0	0	34	
427918	PL.14652	A	Consumer	14.72Y	122.6	0.00	3.36	0.50	0	7	3	92	0.00	0.0	7.662	0.000	7	3	1	1	
PL.18174	PL.14652	A	4ACSR	14.71Y	122.6	0.03	3.38	7.10	6	98	36	94	0.02	0.0	7.820	0.158	0	0	0	33	
PD.310-A	PL.18174	A	Closed	14.71Y	122.6	0.00	3.38	7.10	0	98	36	94	0.00	0.0	7.820	0.000	0	0	0	33	
PD.310-B	PD.310-A	A	Closed	14.71Y	122.6	0.00	3.38	7.10	0	98	36	94	0.00	0.0	7.820	0.000	0	0	0	33	
PL.18173	PD.310-B	A	4ACSR	14.71Y	122.6	0.00	3.39	7.10	6	98	36	94	0.00	0.0	7.832	0.012	0	0	0	33	
PL.16144	PL.18173	A	4ACSR	14.71Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	7.851	0.019	0	0	0	0	
PD.1328	PL.16144	A	fuse6AMP	14.71Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	7.851	0.000	0	0	0	0	
PL.16145	PD.1328	A	4ACSR	14.71Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	7.953	0.102	0	0	0	0	
PL.16142	PL.18173	A	4ACSR	14.71Y	122.6	0.00	3.39	0.52	0	7	3	92	0.00	0.0	7.914	0.082	0	0	0	2	
PD.1337	PL.16142	A	fuse6AMP	14.71Y	122.6	0.00	3.39	0.52	9	7	3	92	0.00	0.0	7.914	0.000	0	0	0	2	
PL.16143	PD.1337	A	4ACSR	14.71Y	122.6	0.00	3.39	0.52	0	7	3	92	0.00	0.0	8.181	0.267	0	0	0	2	
PL.2361	PL.16143	A	4ACSR	14.71Y	122.6	0.00	3.39	0.52	0	7	3	92	0.00	0.0	8.312	0.130	0	0	0	1	
428918	PL.2361	A	Consumer	14.71Y	122.6	0.00	3.39	0.52	0	7	3	92	0.00	0.0	8.312	0.000	7	3	1	1	
428917	PL.16143	A	Consumer	14.71Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	8.181	0.000	0	0	1	1	
428916	PL.16143	A	Consumer	14.71Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	8.181	0.000	0	0	0	0	
PL.14650	PL.18173	A	4ACSR	14.71Y	122.6	0.01	3.40	6.58	6	91	33	94	0.01	0.0	7.918	0.086	0	0	0	31	
428905	PL.14650	A	Consumer	14.71Y	122.6	0.00	3.40	0.66	0	9	3	95	0.00	0.0	7.918	0.000	9	3	1	1	
PL.6660	PL.14650	A	4ACSR	14.71Y	122.6	0.01	3.41	5.92	5	82	30	94	0.00	0.0	7.971	0.053	0	0	0	30	

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.16147	PL.6660	A	4ACSR	14.71Y	122.6	0.00	3.41	0.24	0	3	1	95	0.00	0.0	7.987	0.016	0	0	0	1
PD.1331	PL.16147	A	fuse6AMP	14.71Y	122.6	0.00	3.41	0.24	4	3	1	95	0.00	0.0	7.987	0.000	0	0	0	1
PL.16146	PD.1331	A	4ACSR	14.71Y	122.6	0.00	3.41	0.24	0	3	1	95	0.00	0.0	8.106	0.120	0	0	0	1
428909	PL.16146	A	Consumer	14.71Y	122.6	0.00	3.41	0.24	0	3	1	95	0.00	0.0	8.106	0.000	3	1	1	1
PL.14651	PL.16146	A	4ACSR	14.71Y	122.6	0.00	3.41	0.00	0	0	0	100	0.00	0.0	8.784	0.677	0	0	0	0
PD.311-B	PL.14651	A	Open	14.71Y	122.6	0.00	3.41	0.00	0	0	0	100	0.00	0.0	8.784	0.000	0	0	0	0
PL.16148	PL.6660	A	4ACSR	14.71Y	122.6	0.00	3.41	5.15	4	71	26	94	0.00	0.0	7.978	0.007	0	0	0	27
PD.312-A	PL.16148	A	Closed	14.71Y	122.6	0.00	3.41	5.15	0	71	26	94	0.00	0.0	7.978	0.000	0	0	0	27
PD.312-B	PD.312-A	A	Closed	14.71Y	122.6	0.00	3.41	5.15	0	71	26	94	0.00	0.0	7.978	0.000	0	0	0	27
PL.16149	PD.312-B	A	4ACSR	14.71Y	122.6	0.01	3.41	5.15	4	71	26	94	0.00	0.0	8.030	0.052	0	0	0	27
PL.16029	PL.16149	A	4ACSR	14.71Y	122.6	0.00	3.41	2.02	2	28	10	94	0.00	0.0	8.037	0.006	0	0	0	15
PD.1332	PL.16029	A	fuse6AMP	14.71Y	122.6	0.00	3.41	2.02	35	28	10	94	0.00	0.0	8.037	0.000	0	0	0	15
PL.16028	PD.1332	A	4ACSR	14.71Y	122.6	0.01	3.42	2.02	2	28	10	94	0.00	0.0	8.284	0.247	0	0	0	15
PL.5166	PL.16028	A	4ACSR	14.70Y	122.5	0.04	3.46	2.02	2	28	10	94	0.01	0.0	9.095	0.810	0	0	0	15
377202	PL.5166	A	Consumer	14.70Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	9.095	0.000	0	0	0	0
PL.26827	PL.5166	A	4ACSR	14.70Y	122.5	0.00	3.47	1.88	2	26	9	94	0.00	0.0	9.160	0.066	0	0	0	13
PL.26828	PL.26827	A	4ACSR	14.70Y	122.5	0.00	3.47	1.72	1	24	9	94	0.00	0.0	9.160	0.000	0	0	0	9
PL.26829	PL.26828	A	4ACSR	14.70Y	122.5	0.01	3.47	1.72	1	24	9	94	0.00	0.0	9.349	0.189	0	0	0	9
PL.16035	PL.26829	A	4ACSR	14.70Y	122.5	0.00	3.47	0.33	0	5	2	93	0.00	0.0	9.380	0.031	0	0	0	4
PD.1140	PL.16035	A	fuse6AMP	14.70Y	122.5	0.00	3.47	0.33	6	5	2	93	0.00	0.0	9.380	0.000	0	0	0	4
PL.16036	PD.1140	A	4ACSR	14.70Y	122.5	0.00	3.47	0.33	0	5	2	93	0.00	0.0	9.407	0.027	0	0	0	4
PL.5167	PL.16036	A	4ACSR	14.70Y	122.5	0.00	3.47	0.33	0	5	2	93	0.00	0.0	9.547	0.140	0	0	0	4
377208	PL.5167	A	Consumer	14.70Y	122.5	0.00	3.47	0.06	0	1	0	100	0.00	0.0	9.547	0.000	1	0	1	1
PL.5168	PL.5167	A	4ACSR	14.70Y	122.5	0.00	3.47	0.28	0	4	1	97	0.00	0.0	9.613	0.066	0	0	0	3
377205	PL.5168	A	Consumer	14.70Y	122.5	0.00	3.47	0.00	0	0	0	100	0.00	0.0	9.613	0.000	0	0	1	1
377203	PL.5168	A	Consumer	14.70Y	122.5	0.00	3.47	0.17	0	2	1	89	0.00	0.0	9.613	0.000	2	1	1	1
377212	PL.5168	A	Consumer	14.70Y	122.5	0.00	3.47	0.10	0	1	1	71	0.00	0.0	9.613	0.000	1	1	1	1
PL.26830	PL.26829	A	4ACSR	14.70Y	122.5	0.01	3.48	1.39	1	19	7	94	0.00	0.0	9.533	0.184	0	0	0	5
PL.2024	PL.26830	A	4ACSR	14.70Y	122.5	0.00	3.48	0.00	0	0	0	100	0.00	0.0	9.706	0.173	0	0	0	0
PL.26831	PL.26830	A	4ACSR	14.70Y	122.5	0.00	3.48	1.39	1	19	7	94	0.00	0.0	9.584	0.052	0	0	0	5
PL.2032	PL.26831	A	4ACSR	14.70Y	122.5	0.00	3.48	0.63	1	9	3	95	0.00	0.0	9.713	0.129	0	0	0	2
3772016	PL.2032	A	Consumer	14.70Y	122.5	0.00	3.48	0.62	0	9	3	95	0.00	0.0	9.713	0.000	9	3	1	1
377213	PL.2032	A	Consumer	14.70Y	122.5	0.00	3.48	0.01	0	0	0	100	0.00	0.0	9.713	0.000	0	0	1	1
PL.19594	PL.26831	A	4ACSR	14.70Y	122.5	0.01	3.49	0.76	1	11	4	94	0.00	0.0	9.904	0.320	0	0	0	3
PL.19595	PL.19594	A	4ACSR	14.70Y	122.5	0.00	3.49	0.60	1	8	3	94	0.00	0.0	9.994	0.090	0	0	0	2
PL.22422	PL.19595	A	4ACSR	14.70Y	122.5	0.00	3.49	0.33	0	5	2	93	0.00	0.0	10.083	0.089	0	0	0	1
377312	PL.22422	A	Consumer	14.70Y	122.5	0.00	3.49	0.33	0	5	2	93	0.00	0.0	10.083	0.000	5	2	1	1
PL.16037	PL.19595	A	4ACSR	14.70Y	122.5	0.00	3.49	0.27	0	4	1	97	0.00	0.0	10.059	0.065	0	0	0	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW					KW	KVAR		
PL.14416	PL.14415	A	4ACSR	14.70Y	122.5	0.00	3.46	0.96	1	13	5	93	0.00	0.0	8.948	0.095	0	0	0	2	
PL.14656	PL.14416	A	4ACSR	14.70Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	8.955	0.007	0	0	0	0	
PD.1139	PL.14656	A	fuse6AMP	14.70Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	8.955	0.000	0	0	0	0	
PL.13086	PD.1139	A	4ACSR	14.70Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	9.150	0.195	0	0	0	0	
PL.2021	PL.13086	A	4ACSR	14.70Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	9.213	0.063	0	0	0	0	
PL.15564	PL.14416	A	4ACSR	14.70Y	122.5	0.00	3.47	0.96	1	13	5	93	0.00	0.0	9.036	0.088	0	0	0	2	
PD.240-A	PL.15564	A	Closed	14.70Y	122.5	0.00	3.47	0.96	0	13	5	93	0.00	0.0	9.036	0.000	0	0	0	2	
PD.240-B	PD.240-A	A	Closed	14.70Y	122.5	0.00	3.47	0.96	0	13	5	93	0.00	0.0	9.036	0.000	0	0	0	2	
PL.15565	PD.240-B	A	4ACSR	14.70Y	122.5	0.00	3.47	0.96	1	13	5	93	0.00	0.0	9.205	0.169	0	0	0	2	
378207	PL.15565	A	Consumer	14.70Y	122.5	0.00	3.47	0.12	0	2	1	89	0.00	0.0	9.205	0.000	2	1	1	1	
PL.19985	PL.15565	A	4ACSR	14.70Y	122.5	0.00	3.47	0.84	1	12	4	95	0.00	0.0	9.379	0.175	0	0	0	1	
PL.19986	PL.19985	A	4ACSR	14.70Y	122.5	0.00	3.47	0.00	0	0	0	100	0.00	0.0	9.540	0.161	0	0	0	0	
PD.6708-A	PL.19986	A	Open	14.70Y	122.5	0.00	3.47	0.00	0	0	0	100	0.00	0.0	9.540	0.000	0	0	0	0	
378208	PL.19985	A	Consumer	14.70Y	122.5	0.00	3.47	0.84	0	12	4	95	0.00	0.0	9.379	0.000	12	4	1	1	
PL.2033	PL.5091	A	4ACSR	14.70Y	122.5	0.00	3.46	0.44	0	6	2	95	0.00	0.0	9.063	0.271	0	0	0	1	
378217	PL.2033	A	Consumer	14.70Y	122.5	0.00	3.46	0.44	0	6	2	95	0.00	0.0	9.063	0.000	6	2	1	1	
378202	PL.5091	A	Consumer	14.70Y	122.5	0.00	3.46	0.02	0	0	0	100	0.00	0.0	8.793	0.000	0	0	1	1	
378216	PL.5091	A	Consumer	14.70Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	8.793	0.000	0	0	1	1	
378201	PL.5092	A	Consumer	14.71Y	122.6	0.00	3.43	0.32	0	4	2	89	0.00	0.0	8.298	0.000	4	2	1	1	
378214	PL.5092	A	Consumer	14.71Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	8.298	0.000	0	0	1	1	
428906	PL.6660	A	Consumer	14.71Y	122.6	0.00	3.41	0.25	0	4	1	97	0.00	0.0	7.971	0.000	4	1	1	1	
428910	PL.6660	A	Consumer	14.71Y	122.6	0.00	3.41	0.27	0	4	1	97	0.00	0.0	7.971	0.000	4	1	1	1	
PL.16136	PL.14654	A	4ACSR	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	7.338	0.008	0	0	0	0	
PD.1335	PL.16136	A	fuse6AMP	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	7.338	0.000	0	0	0	0	
PL.16137	PD.1335	A	4ACSR	14.72Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	7.407	0.069	0	0	0	0	
427905	PL.26994	A	Consumer	14.73Y	122.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	7.271	0.000	0	0	0	0	
PL.16134	PL.26993	A	4ACSR	14.73Y	122.7	0.00	3.26	1.38	1	19	7	94	0.00	0.0	7.119	0.014	0	0	0	3	
PD.1333	PL.16134	A	fuse6AMP	14.73Y	122.7	0.00	3.26	1.38	24	19	7	94	0.00	0.0	7.119	0.000	0	0	0	3	
PL.16135	PD.1333	A	4ACSR	14.73Y	122.7	0.00	3.26	1.38	1	19	7	94	0.00	0.0	7.134	0.014	0	0	0	3	
427919	PL.16135	A	Consumer	14.73Y	122.7	0.00	3.26	0.50	0	7	3	92	0.00	0.0	7.134	0.000	7	3	1	1	
PL.19983	PL.16135	A	4ACSR	14.73Y	122.7	0.00	3.26	0.88	1	12	4	95	0.00	0.0	7.178	0.044	0	0	0	2	
PL.19984	PL.19983	A	4ACSR	14.73Y	122.7	0.01	3.26	0.88	1	12	4	95	0.00	0.0	7.515	0.337	0	0	0	2	
427922	PL.19984	A	Consumer	14.73Y	122.7	0.00	3.26	0.35	0	5	2	93	0.00	0.0	7.515	0.000	5	2	1	1	
427921	PL.19984	A	Consumer	14.73Y	122.7	0.00	3.26	0.53	0	7	3	92	0.00	0.0	7.515	0.000	7	3	1	1	
427914	PL.19983	A	Consumer	14.73Y	122.7	0.00	3.26	0.00	0	0	0	100	0.00	0.0	7.178	0.000	0	0	0	0	
427917	PL.26993	A	Consumer	14.73Y	122.7	0.00	3.26	0.00	0	0	0	100	0.00	0.0	7.105	0.000	0	0	0	0	
PL.16127	PL.26985	A	4ACSR	14.74Y	122.8	0.01	3.17	13.82	12	190	72	94	0.02	0.0	6.753	0.039	0	0	0	45	
PD.300-A	PL.16127	A	Closed	14.74Y	122.8	0.00	3.17	13.82	0	190	72	94	0.00	0.0	6.753	0.000	0	0	0	45	

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.300-B	PD.300-A	A	Closed	14.74Y	122.8	0.00	3.17	13.82	0	190	72	94	0.00	0.0	6.753	0.000	0	0	0	45	
PL.16126	PD.300-B	A	4ACSR	14.74Y	122.8	0.01	3.18	13.82	12	190	72	94	0.01	0.0	6.775	0.022	0	0	0	45	
PL.33784	PL.16126	A	4ACSR	14.74Y	122.8	0.00	3.18	2.53	2	34	15	91	0.00	0.0	6.791	0.015	0	0	0	5	
PD.4038	PL.33784	A	fuse6AMP	14.74Y	122.8	0.00	3.18	2.53	43	34	15	91	0.00	0.0	6.791	0.000	0	0	0	5	
PL.33785	PD.4038	A	4ACSR	14.74Y	122.8	0.00	3.18	2.53	2	34	15	91	0.00	0.0	6.846	0.055	0	0	0	5	
426915	PL.33785	A	Consumer	14.74Y	122.8	0.00	3.18	0.32	0	4	2	89	0.00	0.0	6.846	0.000	4	2	1	1	
426914	PL.33785	A	Consumer	14.74Y	122.8	0.00	3.18	1.61	0	21	10	90	0.00	0.0	6.846	0.000	21	10	1	1	
426935	PL.33785	A	Consumer	14.74Y	122.8	0.00	3.18	0.31	0	4	2	89	0.00	0.0	6.846	0.000	4	2	1	1	
426930	PL.33785	A	Consumer	14.74Y	122.8	0.00	3.18	0.25	0	4	1	97	0.00	0.0	6.846	0.000	4	1	1	1	
426948	PL.33785	A	Consumer	14.74Y	122.8	0.00	3.18	0.05	0	1	0	100	0.00	0.0	6.846	0.000	1	0	1	1	
PL.26996	PL.16126	A	4ACSR	14.73Y	122.8	0.04	3.22	11.29	9	156	57	94	0.05	0.0	6.939	0.164	0	0	0	40	
426916	PL.26996	A	Consumer	14.73Y	122.8	0.00	3.22	0.21	0	3	1	95	0.00	0.0	6.939	0.000	3	1	1	1	
426902	PL.26996	A	Consumer	14.73Y	122.8	0.00	3.22	0.11	0	2	1	89	0.00	0.0	6.939	0.000	2	1	1	1	
PL.43475	PL.26996	A	4ACSR	14.73Y	122.8	0.00	3.22	0.37	0	5	2	93	0.00	0.0	6.946	0.007	0	0	0	2	
PD.8269	PL.43475	A	fuse6AMP	14.73Y	122.8	0.00	3.22	0.37	6	5	2	93	0.00	0.0	6.946	0.000	0	0	0	2	
PL.43476	PD.8269	A	4ACSR	14.73Y	122.8	0.00	3.22	0.37	0	5	2	93	0.00	0.0	7.080	0.134	0	0	0	2	
426927	PL.43476	A	Consumer	14.73Y	122.8	0.00	3.22	0.36	0	5	2	93	0.00	0.0	7.080	0.000	5	2	1	1	
426920	PL.43476	A	Consumer	14.73Y	122.8	0.00	3.22	0.01	0	0	0	100	0.00	0.0	7.080	0.000	0	0	1	1	
PL.28013	PL.26996	A	4ACSR	14.73Y	122.8	0.02	3.23	10.59	9	147	54	94	0.02	0.0	7.006	0.067	0	0	0	36	
PL.28012	PL.28013	A	4ACSR	14.73Y	122.7	0.02	3.25	10.15	9	140	51	94	0.02	0.0	7.074	0.068	0	0	0	35	
PL.16133	PL.28012	A	4ACSR	14.73Y	122.7	0.00	3.25	9.67	8	134	49	94	0.00	0.0	7.089	0.015	0	0	0	34	
PD.3112	PL.16133	A	25V4E	14.73Y	122.7	0.00	3.25	9.67	39	134	49	94	0.00	0.0	7.089	0.000	0	0	0	34	
PL.16132	PD.3112	A	4ACSR	14.73Y	122.7	0.02	3.27	9.67	8	134	49	94	0.02	0.0	7.171	0.081	0	0	0	34	
PL.33790	PL.16132	A	4ACSR	14.73Y	122.7	0.00	3.27	1.24	1	17	6	94	0.00	0.0	7.180	0.009	0	0	0	4	
PD.4041	PL.33790	A	fuse6AMP	14.73Y	122.7	0.00	3.27	1.24	21	17	6	94	0.00	0.0	7.180	0.000	0	0	0	4	
PL.33791	PD.4041	A	4ACSR	14.73Y	122.7	0.00	3.27	1.24	1	17	6	94	0.00	0.0	7.278	0.098	0	0	0	4	
426934	PL.33791	A	Consumer	14.73Y	122.7	0.00	3.27	0.64	0	9	3	95	0.00	0.0	7.278	0.000	9	3	1	1	
426943	PL.33791	A	Consumer	14.73Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	7.278	0.000	0	0	1	1	
PL.19967	PL.33791	A	4ACSR	14.73Y	122.7	0.00	3.28	0.60	1	8	3	94	0.00	0.0	7.311	0.033	0	0	0	2	
PL.19968	PL.19967	A	4ACSR	14.73Y	122.7	0.00	3.28	0.00	0	0	0	100	0.00	0.0	7.334	0.023	0	0	0	1	
426937	PL.19968	A	Consumer	14.73Y	122.7	0.00	3.28	0.00	0	0	0	100	0.00	0.0	7.334	0.000	0	0	1	1	
426931	PL.19967	A	Consumer	14.73Y	122.7	0.00	3.28	0.60	0	8	3	94	0.00	0.0	7.311	0.000	8	3	1	1	
PL.26997	PL.16132	A	4ACSR	14.72Y	122.7	0.02	3.29	8.43	7	117	43	94	0.02	0.0	7.291	0.121	0	0	0	30	
PL.33794	PL.26997	A	4ACSR	14.72Y	122.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	7.301	0.010	0	0	0	0	
PD.4043	PL.33794	A	fuse6AMP	14.72Y	122.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	7.301	0.000	0	0	0	0	
PL.33795	PD.4043	A	4ACSR	14.72Y	122.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	7.348	0.047	0	0	0	0	
426942	PL.33795	A	Consumer	14.72Y	122.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	7.348	0.000	0	0	0	0	
PL.26998	PL.26997	A	4ACSR	14.72Y	122.7	0.01	3.30	7.81	7	108	39	94	0.01	0.0	7.348	0.056	0	0	0	29	

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR					Length (mi)	KW		
PL.26999	PL.26998	A	4ACSR	14.72Y	122.7	0.02	3.33	7.41	6	102	37	94	0.02	0.0	7.495	0.147	0	0	0	27
PL.27003	PL.26999	A	4ACSR	14.72Y	122.7	0.01	3.34	6.38	5	88	32	94	0.00	0.0	7.543	0.048	0	0	0	24
426912	PL.27003	A	Consumer	14.72Y	122.7	0.00	3.34	0.51	0	7	3	92	0.00	0.0	7.543	0.000	7	3	1	1
PL.33800	PL.27003	A	4ACSR	14.72Y	122.7	0.00	3.34	0.73	1	10	4	93	0.00	0.0	7.557	0.015	0	0	0	3
PD.4046	PL.33800	A	fuse6AMP	14.72Y	122.7	0.00	3.34	0.73	12	10	4	93	0.00	0.0	7.557	0.000	0	0	0	3
PL.33801	PD.4046	A	4ACSR	14.72Y	122.7	0.00	3.34	0.73	1	10	4	93	0.00	0.0	7.684	0.127	0	0	0	3
426910	PL.33801	A	Consumer	14.72Y	122.7	0.00	3.34	0.30	0	4	2	89	0.00	0.0	7.684	0.000	4	2	1	1
426928	PL.33801	A	Consumer	14.72Y	122.7	0.00	3.34	0.30	0	4	2	89	0.00	0.0	7.684	0.000	4	2	1	1
426909	PL.33801	A	Consumer	14.72Y	122.7	0.00	3.34	0.13	0	2	1	89	0.00	0.0	7.684	0.000	2	1	1	1
PL.27002	PL.27003	A	4ACSR	14.72Y	122.7	0.00	3.34	5.13	4	71	26	94	0.00	0.0	7.543	0.000	0	0	0	20
PL.27001	PL.27002	A	4ACSR	14.72Y	122.7	0.01	3.34	5.13	4	71	26	94	0.00	0.0	7.600	0.057	0	0	0	20
PL.27000	PL.27001	A	4ACSR	14.72Y	122.6	0.01	3.36	5.13	4	71	26	94	0.01	0.0	7.711	0.112	0	0	0	20
PL.27004	PL.27000	A	4ACSR	14.72Y	122.6	0.01	3.36	5.13	4	71	26	94	0.00	0.0	7.754	0.043	0	0	0	20
PL.33802	PL.27004	A	4ACSR	14.72Y	122.6	0.00	3.36	0.42	0	6	2	95	0.00	0.0	7.760	0.005	0	0	0	4
PD.4047	PL.33802	A	fuse6AMP	14.72Y	122.6	0.00	3.36	0.42	7	6	2	95	0.00	0.0	7.760	0.000	0	0	0	4
PL.33805	PD.4047	A	4ACSR	14.72Y	122.6	0.00	3.36	0.42	0	6	2	95	0.00	0.0	7.761	0.001	0	0	0	4
PL.33806	PL.33805	A	4ACSR	14.72Y	122.6	0.00	3.36	0.31	0	4	2	89	0.00	0.0	7.889	0.128	0	0	0	3
376216	PL.33806	A	Consumer	14.72Y	122.6	0.00	3.36	0.01	0	0	0	100	0.00	0.0	7.889	0.000	0	0	1	1
376204	PL.33806	A	Consumer	14.72Y	122.6	0.00	3.36	0.28	0	4	1	97	0.00	0.0	7.889	0.000	4	1	1	1
PL.19735	PL.33806	A	4ACSR	14.72Y	122.6	0.00	3.36	0.02	0	0	0	100	0.00	0.0	7.991	0.101	0	0	0	1
PL.8577	PL.19735	A	4ACSR	14.72Y	122.6	0.00	3.36	0.02	0	0	0	100	0.00	0.0	8.149	0.159	0	0	0	1
376217	PL.8577	A	Consumer	14.72Y	122.6	0.00	3.36	0.02	0	0	0	100	0.00	0.0	8.149	0.000	0	0	1	1
PL.33804	PL.33805	A	4ACSR	14.72Y	122.6	0.00	3.36	0.11	0	2	1	89	0.00	0.0	7.827	0.066	0	0	0	1
376222	PL.33804	A	Consumer	14.72Y	122.6	0.00	3.36	0.11	0	2	1	89	0.00	0.0	7.827	0.000	2	1	1	1
PL.27005	PL.27004	A	4ACSR	14.72Y	122.6	0.01	3.37	4.71	4	65	24	94	0.00	0.0	7.847	0.092	0	0	0	16
376202	PL.27005	A	Consumer	14.72Y	122.6	0.00	3.37	0.34	0	5	2	93	0.00	0.0	7.847	0.000	5	2	1	1
PL.27006	PL.27005	A	4ACSR	14.71Y	122.6	0.02	3.39	4.38	4	61	22	94	0.01	0.0	8.003	0.156	0	0	0	15
PL.16030	PL.27006	A	4ACSR	14.71Y	122.6	0.01	3.39	4.38	4	61	22	94	0.00	0.0	8.057	0.054	0	0	0	15
PD.239-A	PL.16030	A	Closed	14.71Y	122.6	0.00	3.39	4.38	0	61	22	94	0.00	0.0	8.057	0.000	0	0	0	15
PD.239-B	PD.239-A	A	Closed	14.71Y	122.6	0.00	3.39	4.38	0	61	22	94	0.00	0.0	8.057	0.000	0	0	0	15
PL.16031	PD.239-B	A	4ACSR	14.71Y	122.6	0.00	3.39	4.38	4	61	22	94	0.00	0.0	8.068	0.011	0	0	0	15
PL.4504	PL.16031	A	4ACSR	14.71Y	122.6	0.00	3.40	4.24	4	59	21	94	0.00	0.0	8.097	0.029	0	0	0	14
PL.33807	PL.4504	A	4ACSR	14.71Y	122.6	0.00	3.40	0.24	0	3	1	95	0.00	0.0	8.105	0.008	0	0	0	1
PD.4048	PL.33807	A	fuse6AMP	14.71Y	122.6	0.00	3.40	0.24	4	3	1	95	0.00	0.0	8.105	0.000	0	0	0	1
PL.33808	PD.4048	A	4ACSR	14.71Y	122.6	0.00	3.40	0.24	0	3	1	95	0.00	0.0	8.229	0.124	0	0	0	1
PL.2011	PL.33808	A	4ACSR	14.71Y	122.6	0.00	3.40	0.24	0	3	1	95	0.00	0.0	8.379	0.150	0	0	0	1
376220	PL.2011	A	Consumer	14.71Y	122.6	0.00	3.40	0.24	0	3	1	95	0.00	0.0	8.379	0.000	3	1	1	1
PL.27007	PL.4504	A	4ACSR	14.71Y	122.6	0.02	3.42	4.00	3	55	20	94	0.01	0.0	8.334	0.237	0	0	0	13

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.33809	PL.27007	A	4ACSR	14.71Y	122.6	0.00	3.42	0.41	0	6	2	95	0.00	0.0	8.344	0.010	0	0	0	2
PD.4049	PL.33809	A	fuse6AMP	14.71Y	122.6	0.00	3.42	0.41	7	6	2	95	0.00	0.0	8.344	0.000	0	0	0	2
PL.33810	PD.4049	A	4ACSR	14.71Y	122.6	0.00	3.42	0.41	0	6	2	95	0.00	0.0	8.455	0.111	0	0	0	2
PL.33962	PL.33810	A	2ACSR	14.71Y	122.6	0.00	3.42	0.06	0	1	0	100	0.00	0.0	8.490	0.035	0	0	0	1
3762027	PL.33962	A	Consumer	14.71Y	122.6	0.00	3.42	0.06	0	1	0	100	0.00	0.0	8.490	0.000	1	0	1	1
376226	PL.33810	A	Consumer	14.71Y	122.6	0.00	3.42	0.36	0	5	2	93	0.00	0.0	8.455	0.000	5	2	1	1
PL.27008	PL.27007	A	4ACSR	14.71Y	122.6	0.01	3.43	3.59	3	50	18	94	0.00	0.0	8.446	0.112	0	0	0	11
PL.27009	PL.27008	A	4ACSR	14.71Y	122.6	0.01	3.44	3.27	3	45	16	94	0.00	0.0	8.588	0.142	0	0	0	10
PL.33813	PL.27009	A	4ACSR	14.71Y	122.6	0.00	3.44	0.28	0	4	1	97	0.00	0.0	8.599	0.011	0	0	0	1
PD.4051	PL.33813	A	fuse6AMP	14.71Y	122.6	0.00	3.44	0.28	5	4	1	97	0.00	0.0	8.599	0.000	0	0	0	1
PL.33814	PD.4051	A	4ACSR	14.71Y	122.6	0.00	3.44	0.28	0	4	1	97	0.00	0.0	8.698	0.099	0	0	0	1
376225	PL.33814	A	Consumer	14.71Y	122.6	0.00	3.44	0.28	0	4	1	97	0.00	0.0	8.698	0.000	4	1	1	1
PL.27010	PL.27009	A	4ACSR	14.71Y	122.6	0.01	3.45	2.99	3	41	15	94	0.00	0.0	8.728	0.140	0	0	0	8
PL.27011	PL.27010	A	4ACSR	14.71Y	122.6	0.00	3.45	2.33	2	32	12	94	0.00	0.0	8.734	0.007	0	0	0	7
PL.27013	PL.27011	A	4ACSR	14.71Y	122.5	0.01	3.46	2.33	2	32	12	94	0.00	0.0	8.931	0.197	0	0	0	7
PL.27014	PL.27013	A	4ACSR	14.71Y	122.5	0.00	3.46	1.09	1	15	5	95	0.00	0.0	8.931	0.000	0	0	0	3
PL.27012	PL.27014	A	4ACSR	14.70Y	122.5	0.00	3.46	1.09	1	15	5	95	0.00	0.0	9.022	0.091	0	0	0	3
PL.2015	PL.27012	A	4ACSR	14.70Y	122.5	0.00	3.46	0.31	0	4	2	89	0.00	0.0	9.112	0.090	0	0	0	1
376301	PL.2015	A	Consumer	14.70Y	122.5	0.00	3.46	0.31	0	4	2	89	0.00	0.0	9.112	0.000	4	2	1	1
376304	PL.27012	A	Consumer	14.70Y	122.5	0.00	3.46	0.32	0	4	2	89	0.00	0.0	9.022	0.000	4	2	1	1
PL.16032	PL.27012	A	4ACSR	14.70Y	122.5	0.00	3.46	0.46	0	6	2	95	0.00	0.0	9.192	0.170	0	0	0	1
376303	PL.16032	A	Consumer	14.70Y	122.5	0.00	3.46	0.46	0	6	2	95	0.00	0.0	9.192	0.000	6	2	1	1
PL.16033	PL.16032	A	4ACSR	14.70Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	9.192	0.000	0	0	0	0
376302	PL.27013	A	Consumer	14.71Y	122.5	0.00	3.46	0.09	0	1	0	100	0.00	0.0	8.931	0.000	1	0	1	1
PL.33819	PL.27013	A	4ACSR	14.71Y	122.5	0.00	3.46	0.41	0	6	2	95	0.00	0.0	8.939	0.008	0	0	0	1
PD.4054	PL.33819	A	fuse6AMP	14.71Y	122.5	0.00	3.46	0.41	7	6	2	95	0.00	0.0	8.939	0.000	0	0	0	1
PL.33822	PD.4054	A	4ACSR	14.71Y	122.5	0.00	3.46	0.41	0	6	2	95	0.00	0.0	8.942	0.004	0	0	0	1
PL.33823	PL.33822	A	4ACSR	14.70Y	122.5	0.00	3.46	0.41	0	6	2	95	0.00	0.0	9.058	0.115	0	0	0	1
376306	PL.33823	A	Consumer	14.70Y	122.5	0.00	3.46	0.41	0	6	2	95	0.00	0.0	9.058	0.000	6	2	1	1
PL.33817	PL.27013	A	4ACSR	14.70Y	122.5	0.00	3.46	0.73	1	10	4	93	0.00	0.0	8.944	0.013	0	0	0	2
PD.4053	PL.33817	A	fuse6AMP	14.70Y	122.5	0.00	3.46	0.73	13	10	4	93	0.00	0.0	8.944	0.000	0	0	0	2
PL.33818	PD.4053	A	4ACSR	14.70Y	122.5	0.00	3.46	0.73	1	10	4	93	0.00	0.0	8.992	0.048	0	0	0	2
PL.5088	PL.33818	A	4ACSR	14.70Y	122.5	0.00	3.46	0.14	0	2	1	89	0.00	0.0	9.045	0.053	0	0	0	1
376211	PL.5088	A	Consumer	14.70Y	122.5	0.00	3.46	0.14	0	2	1	89	0.00	0.0	9.045	0.000	2	1	1	1
376223	PL.33818	A	Consumer	14.70Y	122.5	0.00	3.46	0.59	0	8	3	94	0.00	0.0	8.992	0.000	8	3	1	1
PL.33815	PL.27010	A	4ACSR	14.71Y	122.6	0.00	3.45	0.66	1	9	3	95	0.00	0.0	8.737	0.009	0	0	0	1
PD.4052	PL.33815	A	fuse6AMP	14.71Y	122.6	0.00	3.45	0.66	11	9	3	95	0.00	0.0	8.737	0.000	0	0	0	1
PL.33816	PD.4052	A	4ACSR	14.71Y	122.6	0.00	3.45	0.66	1	9	3	95	0.00	0.0	8.787	0.050	0	0	0	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.5085	PL.33816	A	4ACSR	14.71Y	122.6	0.00	3.45	0.66	1	9	3	95	0.00	0.0	8.830	0.043	0	0	0	1
PL.5086	PL.5085	A	4ACSR	14.71Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	8.893	0.064	0	0	0	0
376207	PL.5085	A	Consumer	14.71Y	122.6	0.00	3.45	0.66	0	9	3	95	0.00	0.0	8.830	0.000	9	3	1	1
PL.2009	PL.27009	A	4ACSR	14.71Y	122.6	0.00	3.44	0.00	0	0	0	100	0.00	0.0	8.962	0.374	0	0	0	0
376208	PL.27009	A	Consumer	14.71Y	122.6	0.00	3.44	0.00	0	0	0	100	0.00	0.0	8.588	0.000	0	0	1	1
PL.33811	PL.27008	A	4ACSR	14.71Y	122.6	0.00	3.43	0.32	0	4	2	89	0.00	0.0	8.455	0.009	0	0	0	1
PL.33812	PL.33811	A	4ACSR	14.71Y	122.6	0.00	3.43	0.32	0	4	2	89	0.00	0.0	8.606	0.151	0	0	0	1
376218	PL.33812	A	Consumer	14.71Y	122.6	0.00	3.43	0.32	0	4	2	89	0.00	0.0	8.606	0.000	4	2	1	1
376215	PL.16031	A	Consumer	14.71Y	122.6	0.00	3.39	0.14	0	2	1	89	0.00	0.0	8.068	0.000	2	1	1	1
PL.2319	PL.27001	A	4ACSR	14.72Y	122.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	7.633	0.033	0	0	0	0
426924	PL.2319	A	Consumer	14.72Y	122.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	7.633	0.000	0	0	0	0
PL.33798	PL.26999	A	4ACSR	14.72Y	122.7	0.00	3.33	1.03	1	14	5	94	0.00	0.0	7.502	0.007	0	0	0	3
PD.4045	PL.33798	A	fuse6AMP	14.72Y	122.7	0.00	3.33	1.03	18	14	5	94	0.00	0.0	7.502	0.000	0	0	0	3
PL.33799	PD.4045	A	4ACSR	14.72Y	122.7	0.00	3.33	1.03	1	14	5	94	0.00	0.0	7.600	0.098	0	0	0	3
PL.1855	PL.33799	A	4ACSR	14.72Y	122.7	0.00	3.33	0.64	1	9	3	95	0.00	0.0	7.692	0.092	0	0	0	2
PL.2318	PL.1855	A	4ACSR	14.72Y	122.7	0.00	3.33	0.41	0	6	2	95	0.00	0.0	7.718	0.026	0	0	0	1
426946	PL.2318	A	Consumer	14.72Y	122.7	0.00	3.33	0.41	0	6	2	95	0.00	0.0	7.718	0.000	6	2	1	1
426939	PL.1855	A	Consumer	14.72Y	122.7	0.00	3.33	0.23	0	3	1	95	0.00	0.0	7.692	0.000	3	1	1	1
426918	PL.33799	A	Consumer	14.72Y	122.7	0.00	3.33	0.39	0	5	2	93	0.00	0.0	7.600	0.000	5	2	1	1
PL.33796	PL.26998	A	4ACSR	14.72Y	122.7	0.00	3.30	0.40	0	6	2	95	0.00	0.0	7.355	0.007	0	0	0	2
PD.4044	PL.33796	A	fuse6AMP	14.72Y	122.7	0.00	3.30	0.40	7	6	2	95	0.00	0.0	7.355	0.000	0	0	0	2
PL.33797	PD.4044	A	4ACSR	14.72Y	122.7	0.00	3.31	0.40	0	6	2	95	0.00	0.0	7.419	0.064	0	0	0	2
426923	PL.33797	A	Consumer	14.72Y	122.7	0.00	3.31	0.25	0	3	1	95	0.00	0.0	7.419	0.000	3	1	1	1
426926	PL.33797	A	Consumer	14.72Y	122.7	0.00	3.31	0.15	0	2	1	89	0.00	0.0	7.419	0.000	2	1	1	1
426941	PL.26997	A	Consumer	14.72Y	122.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	7.291	0.000	0	0	0	0
426913	PL.26997	A	Consumer	14.72Y	122.7	0.00	3.29	0.63	0	9	3	95	0.00	0.0	7.291	0.000	9	3	1	1
PL.33825	PL.28012	A	4ACSR	14.73Y	122.7	0.00	3.25	0.48	0	7	2	96	0.00	0.0	7.082	0.008	0	0	0	1
PD.4055	PL.33825	A	fuse6AMP	14.73Y	122.7	0.00	3.25	0.48	8	7	2	96	0.00	0.0	7.082	0.000	0	0	0	1
PL.33826	PD.4055	A	4ACSR	14.73Y	122.7	0.00	3.25	0.48	0	7	2	96	0.00	0.0	7.136	0.054	0	0	0	1
426936	PL.33826	A	Consumer	14.73Y	122.7	0.00	3.25	0.00	0	0	0	100	0.00	0.0	7.136	0.000	0	0	0	0
4269049	PL.33826	A	Consumer	14.73Y	122.7	0.00	3.25	0.48	0	7	2	96	0.00	0.0	7.136	0.000	7	2	1	1
426932	PL.28013	A	Consumer	14.73Y	122.8	0.00	3.23	0.00	0	0	0	100	0.00	0.0	7.006	0.000	0	0	0	0
426933	PL.28013	A	Consumer	14.73Y	122.8	0.00	3.23	0.44	0	6	2	95	0.00	0.0	7.006	0.000	6	2	1	1
PL.16128	PL.26985	A	4ACSR	14.74Y	122.8	0.00	3.16	0.73	1	10	4	93	0.00	0.0	6.738	0.025	0	0	0	4
PD.1294	PL.16128	A	fuse6AMP	14.74Y	122.8	0.00	3.16	0.73	12	10	4	93	0.00	0.0	6.738	0.000	0	0	0	4
PL.16129	PD.1294	A	4ACSR	14.74Y	122.8	0.00	3.16	0.73	1	10	4	93	0.00	0.0	6.813	0.075	0	0	0	4
4269050	PL.16129	A	Consumer	14.74Y	122.8	0.00	3.16	0.01	0	0	0	100	0.00	0.0	6.813	0.000	0	0	1	1
426905	PL.16129	A	Consumer	14.74Y	122.8	0.00	3.16	0.30	0	4	1	97	0.00	0.0	6.813	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
426938	PL.16129	A	Consumer	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	6.813	0.000	0	0	1	1
426947	PL.16129	A	Consumer	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	6.813	0.000	0	0	0	0
PL.24546	PL.16129	A	4ACSR	14.74Y	122.8	0.00	3.16	0.43	0	6	2	95	0.00	0.0	6.915	0.102	0	0	0	1
426944	PL.24546	A	Consumer	14.74Y	122.8	0.00	3.16	0.43	0	6	2	95	0.00	0.0	6.915	0.000	6	2	1	1
PL.2306	PL.26985	A	4ACSR	14.74Y	122.8	0.00	3.16	0.41	0	6	2	95	0.00	0.0	6.825	0.112	0	0	0	1
PL.2349	PL.2306	A	4ACSR	14.74Y	122.8	0.00	3.16	0.41	0	6	2	95	0.00	0.0	6.903	0.078	0	0	0	1
427903	PL.2349	A	Consumer	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	6.903	0.000	0	0	0	0
427915	PL.2349	A	Consumer	14.74Y	122.8	0.00	3.16	0.41	0	6	2	95	0.00	0.0	6.903	0.000	6	2	1	1
426917	PL.15724	A	Consumer	14.76Y	123.0	0.00	2.97	0.17	0	2	1	89	0.00	0.0	6.412	0.000	2	1	1	1
PL.19279	PL.23648	A	4ACSR	14.78Y	123.2	0.00	2.80	4.04	3	56	20	94	0.00	0.0	6.178	0.054	0	0	0	14
426812	PL.19279	A	Consumer	14.78Y	123.2	0.00	2.80	0.00	0	0	0	100	0.00	0.0	6.178	0.000	0	0	1	1
426808	PL.19279	A	Consumer	14.78Y	123.2	0.00	2.80	0.40	0	6	2	95	0.00	0.0	6.178	0.000	6	2	1	1
PL.19280	PL.19279	A	4ACSR	14.78Y	123.2	0.01	2.81	3.64	3	51	18	94	0.00	0.0	6.293	0.114	0	0	0	12
PL.26986	PL.19280	A	4ACSR	14.78Y	123.2	0.01	2.82	3.64	3	51	18	94	0.00	0.0	6.446	0.154	0	0	0	11
PL.33778	PL.26986	A	4ACSR	14.78Y	123.2	0.00	2.82	1.21	1	17	6	94	0.00	0.0	6.475	0.028	0	0	0	4
PL.33779	PL.33778	A	4ACSR	14.78Y	123.2	0.01	2.83	1.21	1	17	6	94	0.00	0.0	6.664	0.189	0	0	0	4
426813	PL.33779	A	Consumer	14.78Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	6.664	0.000	0	0	0	0
PL.26991	PL.33779	A	4ACSR	14.78Y	123.2	0.00	2.83	1.21	1	17	6	94	0.00	0.0	6.753	0.089	0	0	0	4
PL.26992	PL.26991	A	4ACSR	14.78Y	123.2	0.00	2.83	0.44	0	6	2	95	0.00	0.0	7.201	0.448	0	0	0	1
425801	PL.26992	A	Consumer	14.78Y	123.2	0.00	2.83	0.44	0	6	2	95	0.00	0.0	7.201	0.000	6	2	1	1
PL.33782	PL.26991	A	4ACSR	14.78Y	123.2	0.00	2.83	0.77	1	11	4	94	0.00	0.0	6.761	0.008	0	0	0	3
PD.4037	PL.33782	A	fuse6AMP	14.78Y	123.2	0.00	2.83	0.77	13	11	4	94	0.00	0.0	6.761	0.000	0	0	0	3
PL.33783	PD.4037	A	4ACSR	14.78Y	123.2	0.00	2.83	0.77	1	11	4	94	0.00	0.0	6.874	0.113	0	0	0	3
PL.2308	PL.33783	A	4ACSR	14.78Y	123.2	0.00	2.83	0.77	1	11	4	94	0.00	0.0	6.936	0.063	0	0	0	3
PL.2309	PL.2308	A	4ACSR	14.78Y	123.2	0.00	2.84	0.77	1	11	4	94	0.00	0.0	7.058	0.121	0	0	0	1
426802	PL.2309	A	Consumer	14.78Y	123.2	0.00	2.84	0.77	0	11	4	94	0.00	0.0	7.058	0.000	11	4	1	1
PL.2310	PL.2308	A	4ACSR	14.78Y	123.2	-0.00	2.83	0.00	0	0	0	100	0.00	0.0	7.038	0.102	0	0	0	2
426804	PL.2310	A	Consumer	14.78Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	7.038	0.000	0	0	1	1
426803	PL.2310	A	Consumer	14.78Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	7.038	0.000	0	0	1	1
PL.33776	PL.26986	A	4ACSR	14.78Y	123.2	0.00	2.82	0.63	1	9	3	95	0.00	0.0	6.456	0.009	0	0	0	1
PD.4034	PL.33776	A	fuse6AMP	14.78Y	123.2	0.00	2.82	0.63	11	9	3	95	0.00	0.0	6.456	0.000	0	0	0	1
PL.33777	PD.4034	A	4ACSR	14.78Y	123.2	0.00	2.82	0.63	1	9	3	95	0.00	0.0	6.620	0.165	0	0	0	1
426940	PL.33777	A	Consumer	14.78Y	123.2	0.00	2.82	0.63	0	9	3	95	0.00	0.0	6.620	0.000	9	3	1	1
426810	PL.26986	A	Consumer	14.78Y	123.2	0.00	2.82	0.00	0	0	0	100	0.00	0.0	6.446	0.000	0	0	1	1
PL.33780	PL.26986	A	4ACSR	14.78Y	123.2	0.00	2.82	1.80	2	25	9	94	0.00	0.0	6.465	0.018	0	0	0	5
PD.4036	PL.33780	A	fuse6AMP	14.78Y	123.2	0.00	2.82	1.80	31	25	9	94	0.00	0.0	6.465	0.000	0	0	0	5
PL.33781	PD.4036	A	4ACSR	14.78Y	123.2	0.00	2.83	1.80	2	25	9	94	0.00	0.0	6.540	0.076	0	0	0	5
426807	PL.33781	A	Consumer	14.78Y	123.2	0.00	2.83	0.60	0	8	3	94	0.00	0.0	6.540	0.000	8	3	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-----					
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)	KW	KVAR	Cons On	Cons Thru
426806	PL.33781	A	Consumer	14.78Y	123.2	0.00	2.83	0.32	0	5	2	93	0.00	0.0	6.540	0.000	5	2	1	1
PL.26989	PL.33781	A	4ACSR	14.78Y	123.2	0.00	2.83	0.88	1	12	4	95	0.00	0.0	6.589	0.049	0	0	0	3
PL.26990	PL.26989	A	4ACSR	14.78Y	123.2	0.00	2.83	0.34	0	5	2	93	0.00	0.0	6.709	0.121	0	0	0	1
426809	PL.26990	A	Consumer	14.78Y	123.2	0.00	2.83	0.34	0	5	2	93	0.00	0.0	6.709	0.000	5	2	1	1
PL.2316	PL.26989	A	4ACSR	14.78Y	123.2	0.00	2.83	0.53	0	7	3	92	0.00	0.0	6.729	0.140	0	0	0	2
426922	PL.2316	A	Consumer	14.78Y	123.2	0.00	2.83	0.39	0	5	2	93	0.00	0.0	6.729	0.000	5	2	1	1
426929	PL.2316	A	Consumer	14.78Y	123.2	0.00	2.83	0.14	0	2	1	89	0.00	0.0	6.729	0.000	2	1	1	1
PL.33787	PL.19280	A	4ACSR	14.78Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	6.308	0.015	0	0	0	1
PD.4039	PL.33787	A	fuse6AMP	14.78Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	6.308	0.000	0	0	0	1
PL.33786	PD.4039	A	4ACSR	14.78Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	6.349	0.041	0	0	0	1
426814	PL.33786	A	Consumer	14.78Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	6.349	0.000	0	0	1	1
PL.16124	PL.16123	A	4ACSR	14.80Y	123.4	0.00	2.64	0.34	0	5	2	93	0.00	0.0	5.925	0.016	0	0	0	1
PD.1327	PL.16124	A	fuse6AMP	14.80Y	123.4	0.00	2.64	0.34	6	5	2	93	0.00	0.0	5.925	0.000	0	0	0	1
PL.16125	PD.1327	A	4ACSR	14.80Y	123.4	0.00	2.64	0.34	0	5	2	93	0.00	0.0	6.038	0.113	0	0	0	1
427810	PL.16125	A	Consumer	14.80Y	123.4	0.00	2.64	0.34	0	5	2	93	0.00	0.0	6.038	0.000	5	2	1	1
427807	PL.16123	A	Consumer	14.80Y	123.4	0.00	2.64	0.36	0	5	2	93	0.00	0.0	5.908	0.000	5	2	1	1
427825	PL.16123	A	Consumer	14.80Y	123.4	0.00	2.64	0.00	0	0	0	100	0.00	0.0	5.908	0.000	0	0	1	1
PL.18880	PL.26018	A	4ACSR	14.85Y	123.7	0.00	2.28	1.50	1	21	8	93	0.00	0.0	5.433	0.005	0	0	0	4
PD.3116	PL.18880	A	50V4E	14.85Y	123.7	0.00	2.28	1.50	3	21	8	93	0.00	0.0	5.433	0.000	0	0	0	4
PL.18881	PD.3116	A	4ACSR	14.85Y	123.7	0.00	2.29	1.50	1	21	8	93	0.00	0.0	5.537	0.104	0	0	0	4
PL.6662	PL.18881	A	4ACSR	14.84Y	123.7	0.04	2.32	1.50	1	21	8	93	0.01	0.0	6.659	1.122	0	0	0	4
PL.14648	PL.6662	A	4ACSR	14.84Y	123.7	0.00	2.33	1.50	1	21	8	93	0.00	0.0	6.713	0.053	0	0	0	4
PL.14649	PL.14648	A	4ACSR	14.84Y	123.7	0.01	2.33	1.40	1	20	7	94	0.00	0.0	6.900	0.187	0	0	0	3
PL.26415	PL.14649	A	4ACSR	14.84Y	123.7	0.00	2.33	1.40	1	20	7	94	0.00	0.0	6.910	0.010	0	0	0	3
PD.1329	PL.26415	A	fuse6AMP	14.84Y	123.7	0.00	2.33	1.40	24	20	7	94	0.00	0.0	6.910	0.000	0	0	0	3
PL.26416	PD.1329	A	4ACSR	14.84Y	123.7	0.00	2.33	1.40	1	20	7	94	0.00	0.0	6.961	0.051	0	0	0	3
PL.2350	PL.26416	A	4ACSR	14.84Y	123.7	0.00	2.34	1.13	1	16	6	94	0.00	0.0	7.095	0.135	0	0	0	2
428915	PL.2350	A	Consumer	14.84Y	123.7	0.00	2.34	0.56	0	8	3	94	0.00	0.0	7.095	0.000	8	3	1	1
428914	PL.2350	A	Consumer	14.84Y	123.7	0.00	2.34	0.57	0	8	3	94	0.00	0.0	7.095	0.000	8	3	1	1
428913	PL.26416	A	Consumer	14.84Y	123.7	0.00	2.33	0.27	0	4	1	97	0.00	0.0	6.961	0.000	4	1	1	1
PL.14647	PL.14649	A	4ACSR	14.84Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	6.913	0.014	0	0	0	0
PD.311-A	PL.14647	A	Open	14.84Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	6.913	0.000	0	0	0	0
PL.18560	PL.14648	A	4ACSR	14.84Y	123.7	0.00	2.33	0.10	0	1	1	71	0.00	0.0	6.739	0.026	0	0	0	1
PD.1330	PL.18560	A	fuse6AMP	14.84Y	123.7	0.00	2.33	0.10	2	1	1	71	0.00	0.0	6.739	0.000	0	0	0	1
PL.18561	PD.1330	A	4ACSR	14.84Y	123.7	0.00	2.33	0.10	0	1	1	71	0.00	0.0	6.852	0.113	0	0	0	1
428908	PL.18561	A	Consumer	14.84Y	123.7	0.00	2.33	0.10	0	1	1	71	0.00	0.0	6.852	0.000	1	1	1	1
427809	PL.18881	A	Consumer	14.85Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	5.537	0.000	0	0	0	0
PL.26014	PL.26017	A	4ACSR	14.87Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	5.218	0.007	0	0	0	0

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.1326	PL.26014	A	fuse6AMP	14.87Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	5.218	0.000	0	0	0	0
PL.26015	PD.1326	A	4ACSR	14.87Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	5.258	0.040	0	0	0	0
PL.2352	PL.26015	A	4ACSR	14.87Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	5.456	0.198	0	0	0	0
427814	PL.2352	A	Consumer	14.87Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	5.456	0.000	0	0	0	0
427803	PL.11610	A	Consumer	14.88Y	124.0	0.00	2.00	0.27	0	4	1	97	0.00	0.0	5.062	0.000	4	1	1	1
PL.26012	PL.12439	A	4ACSR	14.89Y	124.1	0.00	1.88	0.59	0	8	3	94	0.00	0.0	4.921	0.006	0	0	0	2
PD.1325	PL.26012	A	fuse6AMP	14.89Y	124.1	0.00	1.88	0.59	10	8	3	94	0.00	0.0	4.921	0.000	0	0	0	2
PL.26013	PD.1325	A	4ACSR	14.89Y	124.1	0.00	1.89	0.59	0	8	3	94	0.00	0.0	5.008	0.088	0	0	0	2
427826	PL.26013	A	Consumer	14.89Y	124.1	0.00	1.89	0.05	0	1	0	100	0.00	0.0	5.008	0.000	1	0	1	1
427816	PL.26013	A	Consumer	14.89Y	124.1	0.00	1.89	0.54	0	8	3	94	0.00	0.0	5.008	0.000	8	3	1	1
427829	PL.12439	A	Consumer	14.89Y	124.1	0.00	1.88	0.04	0	1	0	100	0.00	0.0	4.914	0.000	1	0	1	1
PL.26010	PL.12439	A	4ACSR	14.89Y	124.1	0.00	1.88	0.53	0	7	3	92	0.00	0.0	4.922	0.008	0	0	0	1
PD.1324	PL.26010	A	fuse6AMP	14.89Y	124.1	0.00	1.88	0.53	9	7	3	92	0.00	0.0	4.922	0.000	0	0	0	1
PL.26011	PD.1324	A	4ACSR	14.89Y	124.1	0.00	1.88	0.53	0	7	3	92	0.00	0.0	4.963	0.040	0	0	0	1
427823	PL.26011	A	Consumer	14.89Y	124.1	0.00	1.88	0.53	0	7	3	92	0.00	0.0	4.963	0.000	7	3	1	1
427801	PL.11389	B	Consumer	15.06Y	125.5	0.00	0.49	0.11	0	2	1	89	0.00	0.0	4.738	0.000	2	1	1	1
PL.11605	PL.11388	C	4ACSR	14.76Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	4.532	0.015	0	0	0	0
PD.1316	PL.11605	C	fuse6AMP	14.76Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	4.532	0.000	0	0	0	0
PL.11606	PD.1316	C	4ACSR	14.76Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	4.616	0.084	0	0	0	0
428802	PL.11606	C	Consumer	14.76Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	4.616	0.000	0	0	0	0
PL.2359	PL.11606	C	4ACSR	14.76Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	4.684	0.068	0	0	0	0
PL.11607	PL.11388	A	4ACSR	14.91Y	124.3	0.00	1.72	0.29	0	4	2	89	0.00	0.0	4.529	0.013	0	0	0	1
PD.1314	PL.11607	A	fuse6AMP	14.91Y	124.3	0.00	1.72	0.29	5	4	2	89	0.00	0.0	4.529	0.000	0	0	0	1
PL.11608	PD.1314	A	4ACSR	14.91Y	124.3	0.00	1.72	0.29	0	4	2	89	0.00	0.0	4.583	0.053	0	0	0	1
PL.2360	PL.11608	A	4ACSR	14.91Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	4.675	0.092	0	0	0	0
PL.2329	PL.2360	A	4ACSR	14.91Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	4.698	0.023	0	0	0	0
428801	PL.11608	A	Consumer	14.91Y	124.3	0.00	1.72	0.29	0	4	2	89	0.00	0.0	4.583	0.000	4	2	1	1
428717	PL.6651	B	Consumer	15.06Y	125.5	0.00	0.54	0.41	0	6	2	95	0.00	0.0	4.232	0.000	6	2	1	1
PL.17643	PL.6651	A	4ACSR	14.92Y	124.3	0.00	1.66	0.32	0	4	2	89	0.00	0.0	4.245	0.013	0	0	0	2
PD.1295	PL.17643	A	fuse6AMP	14.92Y	124.3	0.00	1.66	0.32	5	4	2	89	0.00	0.0	4.245	0.000	0	0	0	2
PL.17644	PD.1295	A	4ACSR	14.92Y	124.3	0.00	1.66	0.32	0	4	2	89	0.00	0.0	4.330	0.085	0	0	0	2
PL.2328	PL.17644	A	4ACSR	14.92Y	124.3	0.00	1.66	0.06	0	1	0	100	0.00	0.0	4.408	0.078	0	0	0	1
428726	PL.2328	A	Consumer	14.92Y	124.3	0.00	1.66	0.06	0	1	0	100	0.00	0.0	4.408	0.000	1	0	1	1
428711	PL.17644	A	Consumer	14.92Y	124.3	0.00	1.66	0.26	0	4	1	97	0.00	0.0	4.330	0.000	4	1	1	1
428732	PL.11379	B	Consumer	15.05Y	125.4	0.00	0.58	0.00	0	0	0	100	0.00	0.0	3.845	0.000	0	0	0	0
428716	PL.11379	B	Consumer	15.05Y	125.4	0.00	0.58	0.36	0	5	2	93	0.00	0.0	3.845	0.000	5	2	1	1
428705	PL.11374	C	Consumer	14.84Y	123.7	0.00	2.35	0.38	0	5	2	93	0.00	0.0	3.476	0.000	5	2	1	1
PL.11368	PL.11370	C	4ACSR	14.85Y	123.8	0.00	2.24	0.18	0	2	1	89	0.00	0.0	3.309	0.007	0	0	0	2

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.26023	PL.20271	B	4ACSR	15.02Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	5.430	0.123	0	0	0	1
PL.26024	PL.26023	B	4ACSR	15.02Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	5.437	0.006	0	0	0	1
PL.2345	PL.26024	B	4ACSR	15.02Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	5.481	0.044	0	0	0	1
427717	PL.2345	B	Consumer	15.02Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	5.481	0.000	0	0	1	1
PL.30859	PL.26024	B	4ACSR	15.02Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	5.446	0.010	0	0	0	0
PD.303-A	PL.30859	B	Open	15.02Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	5.446	0.000	0	0	0	0
427601	PL.20270	B	Consumer	15.02Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	5.195	0.000	0	0	1	1
PL.2339	PL.24878	B	4ACSR	15.02Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	4.661	0.193	0	0	0	0
PL.24880	PL.19745	B	4ACSR	15.02Y	125.2	0.00	0.82	1.10	1	16	6	94	0.00	0.0	3.859	0.048	0	0	0	4
PL.6654	PL.24880	B	4ACSR	15.02Y	125.2	0.00	0.82	0.46	0	6	2	95	0.00	0.0	3.921	0.062	0	0	0	1
PL.6655	PL.6654	B	4ACSR	15.02Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	3.921	0.000	0	0	0	0
428626	PL.6654	B	Consumer	15.02Y	125.2	0.00	0.82	0.46	0	6	2	95	0.00	0.0	3.921	0.000	6	2	1	1
PL.25670	PL.24880	B	4ACSR	15.02Y	125.2	0.00	0.82	0.64	1	9	3	95	0.00	0.0	3.861	0.001	0	0	0	3
PL.24879	PL.25670	B	4ACSR	15.02Y	125.2	0.00	0.82	0.64	1	9	3	95	0.00	0.0	3.890	0.030	0	0	0	3
PL.2335	PL.24879	B	4ACSR	15.02Y	125.2	0.00	0.82	0.64	1	9	3	95	0.00	0.0	3.987	0.097	0	0	0	3
428624	PL.2335	B	Consumer	15.02Y	125.2	0.00	0.82	0.06	0	1	0	100	0.00	0.0	3.987	0.000	1	0	1	1
428622	PL.2335	B	Consumer	15.02Y	125.2	0.00	0.82	0.13	0	2	1	89	0.00	0.0	3.987	0.000	2	1	1	1
428612	PL.2335	B	Consumer	15.02Y	125.2	0.00	0.82	0.45	0	6	2	95	0.00	0.0	3.987	0.000	6	2	1	1
PL.24876	PL.12437	B	4ACSR	15.02Y	125.2	0.02	0.82	7.63	6	109	37	95	0.02	0.0	3.599	0.113	0	0	0	22
PL.33859	PL.24876	B	4ACSR	15.02Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	3.609	0.009	0	0	0	0
PD.4072	PL.33859	B	fuse6AMP	15.02Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	3.609	0.000	0	0	0	0
PL.33860	PD.4072	B	4ACSR	15.02Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	3.680	0.072	0	0	0	0
428614	PL.33860	B	Consumer	15.02Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	3.680	0.000	0	0	0	0
PL.33861	PL.24876	B	4ACSR	15.02Y	125.2	0.00	0.82	0.22	0	3	1	95	0.00	0.0	3.615	0.016	0	0	0	1
PD.4073	PL.33861	B	fuse6AMP	15.02Y	125.2	0.00	0.82	0.22	4	3	1	95	0.00	0.0	3.615	0.000	0	0	0	1
PL.33862	PD.4073	B	4ACSR	15.02Y	125.2	0.00	0.82	0.22	0	3	1	95	0.00	0.0	3.688	0.073	0	0	0	1
428605	PL.33862	B	Consumer	15.02Y	125.2	0.00	0.82	0.22	0	3	1	95	0.00	0.0	3.688	0.000	3	1	1	1
PL.24877	PL.24876	B	4ACSR	15.02Y	125.2	0.01	0.83	7.42	6	105	36	95	0.01	0.0	3.642	0.043	0	0	0	21
428613	PL.24877	B	Consumer	15.02Y	125.2	0.00	0.83	0.44	0	6	2	95	0.00	0.0	3.642	0.000	6	2	1	1
PL.6653	PL.24877	B	4ACSR	15.02Y	125.1	0.02	0.85	6.97	6	99	34	95	0.02	0.0	3.778	0.137	0	0	0	20
PL.12434	PL.6653	B	4ACSR	15.02Y	125.1	0.00	0.85	6.44	5	92	31	95	0.00	0.0	3.786	0.008	0	0	0	19
PD.308-A	PL.12434	B	Closed	15.02Y	125.1	0.00	0.85	6.44	0	92	31	95	0.00	0.0	3.786	0.000	0	0	0	19
PD.308-B	PD.308-A	B	Closed	15.02Y	125.1	0.00	0.85	6.44	0	92	31	95	0.00	0.0	3.786	0.000	0	0	0	19
PL.12435	PD.308-B	B	4ACSR	15.02Y	125.1	0.01	0.87	6.44	5	92	31	95	0.01	0.0	3.872	0.085	0	0	0	19
PL.33855	PL.12435	B	4ACSR	15.02Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	3.881	0.009	0	0	0	1
PD.4070	PL.33855	B	fuse6AMP	15.02Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	3.881	0.000	0	0	0	1
PL.33856	PD.4070	B	4ACSR	15.02Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	3.940	0.059	0	0	0	1
PL.2338	PL.33856	B	4ACSR	15.02Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	4.054	0.113	0	0	0	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
428616	PL.2338	B	Consumer	15.02Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	4.054	0.000	0	0	1	1
428602	PL.33856	B	Consumer	15.02Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	3.940	0.000	0	0	0	0
PL.25671	PL.12435	B	4ACSR	15.01Y	125.1	0.04	0.90	5.40	5	77	26	95	0.02	0.0	4.162	0.290	0	0	0	15
PL.25673	PL.25671	B	4ACSR	15.01Y	125.1	0.01	0.91	5.40	5	77	26	95	0.00	0.0	4.221	0.060	0	0	0	15
PL.6486	PL.25673	B	4ACSR	15.01Y	125.1	0.01	0.92	5.40	5	77	26	95	0.01	0.0	4.307	0.086	0	0	0	15
PL.25672	PL.6486	B	4ACSR	15.01Y	125.1	0.01	0.93	5.40	5	77	26	95	0.00	0.0	4.356	0.049	0	0	0	14
PL.33853	PL.25672	B	4ACSR	15.01Y	125.1	0.00	0.93	0.19	0	3	1	95	0.00	0.0	4.365	0.009	0	0	0	2
PD.4069	PL.33853	B	fuse6AMP	15.01Y	125.1	0.00	0.93	0.19	3	3	1	95	0.00	0.0	4.365	0.000	0	0	0	2
PL.33854	PD.4069	B	4ACSR	15.01Y	125.1	0.00	0.93	0.19	0	3	1	95	0.00	0.0	4.427	0.063	0	0	0	2
428508	PL.33854	B	Consumer	15.01Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	4.427	0.000	0	0	1	1
428507	PL.33854	B	Consumer	15.01Y	125.1	0.00	0.93	0.19	0	3	1	95	0.00	0.0	4.427	0.000	3	1	1	1
PL.25675	PL.25672	B	4ACSR	15.01Y	125.1	0.02	0.95	5.21	4	74	25	95	0.01	0.0	4.548	0.192	0	0	0	12
PL.33851	PL.25675	B	4ACSR	15.01Y	125.1	0.00	0.95	2.09	2	29	11	93	0.00	0.0	4.560	0.013	0	0	0	5
PD.4068	PL.33851	B	fuse6AMP	15.01Y	125.1	0.00	0.95	2.09	36	29	11	93	0.00	0.0	4.560	0.000	0	0	0	5
PL.33852	PD.4068	B	4ACSR	15.01Y	125.0	0.01	0.96	2.09	2	29	11	93	0.00	0.0	4.723	0.162	0	0	0	5
PL.25751	PL.33852	B	4ACSR	15.01Y	125.0	0.00	0.96	1.40	1	20	7	94	0.00	0.0	4.723	0.001	0	0	0	4
PL.25677	PL.25751	B	4ACSR	15.00Y	125.0	0.00	0.96	1.40	1	20	7	94	0.00	0.0	4.812	0.089	0	0	0	4
PL.25678	PL.25677	B	4ACSR	15.00Y	125.0	0.00	0.96	0.36	0	5	2	93	0.00	0.0	4.888	0.076	0	0	0	2
428512	PL.25678	B	Consumer	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	4.888	0.000	0	0	1	1
PL.2397	PL.25678	B	4ACSR	15.00Y	125.0	0.00	0.96	0.36	0	5	2	93	0.00	0.0	4.949	0.061	0	0	0	1
PL.33919	PL.2397	B	2ACSR	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	4.980	0.030	0	0	0	0
4285035	PL.33919	B	Consumer	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	4.980	0.000	0	0	0	0
428526	PL.2397	B	Consumer	15.00Y	125.0	0.00	0.96	0.36	0	5	2	93	0.00	0.0	4.949	0.000	5	2	1	1
PL.25679	PL.25677	B	4ACSR	15.00Y	125.0	0.00	0.96	1.04	1	15	5	95	0.00	0.0	4.892	0.080	0	0	0	2
PL.2396	PL.25679	B	4ACSR	15.00Y	125.0	0.00	0.96	0.48	0	7	2	96	0.00	0.0	5.054	0.162	0	0	0	1
428520	PL.2396	B	Consumer	15.00Y	125.0	0.00	0.96	0.48	0	7	2	96	0.00	0.0	5.054	0.000	7	2	1	1
428513	PL.25679	B	Consumer	15.00Y	125.0	0.00	0.96	0.56	0	8	3	94	0.00	0.0	4.892	0.000	8	3	1	1
428531	PL.33852	B	Consumer	15.01Y	125.0	0.00	0.96	0.69	0	10	4	93	0.00	0.0	4.723	0.000	10	4	1	1
PL.25676	PL.25675	B	4ACSR	15.00Y	125.0	0.02	0.97	3.12	3	45	14	95	0.01	0.0	4.803	0.256	0	0	0	7
PL.20272	PL.25676	B	4ACSR	15.00Y	125.0	0.01	0.97	2.58	2	37	11	96	0.00	0.0	4.897	0.093	0	0	0	6
PL.20273	PL.20272	B	4ACSR	15.00Y	125.0	0.00	0.98	2.14	2	31	9	96	0.00	0.0	4.983	0.086	0	0	0	5
PL.6487	PL.20273	B	4ACSR	15.00Y	125.0	0.00	0.98	1.10	1	16	6	94	0.00	0.0	5.043	0.060	0	0	0	2
428525	PL.6487	B	Consumer	15.00Y	125.0	0.00	0.98	0.49	0	7	3	92	0.00	0.0	5.043	0.000	7	3	1	1
PL.6488	PL.6487	B	4ACSR	15.00Y	125.0	0.00	0.98	0.62	1	9	3	95	0.00	0.0	5.237	0.194	0	0	0	1
428527	PL.6488	B	Consumer	15.00Y	125.0	0.00	0.98	0.62	0	9	3	95	0.00	0.0	5.237	0.000	9	3	1	1
428506	PL.20273	B	Consumer	15.00Y	125.0	0.00	0.98	0.51	0	7	3	92	0.00	0.0	4.983	0.000	7	3	1	1
PL.33847	PL.20273	B	4ACSR	15.00Y	125.0	0.00	0.98	0.54	0	8	0	100	0.00	0.0	4.993	0.010	0	0	0	2
PD.4066	PL.33847	B	fuse6AMP	15.00Y	125.0	0.00	0.98	0.54	9	8	0	100	0.00	0.0	4.993	0.000	0	0	0	2

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.33848	PD.4066	B	4ACSR	15.00Y	125.0	0.00	0.98	0.54	0	8	0	100	0.00	0.0	5.082	0.089	0	0	0	2
428519	PL.33848	B	Consumer	15.00Y	125.0	0.00	0.98	0.46	0	7	2	96	0.00	0.0	5.082	0.000	7	2	1	1
PL.6485	PL.33848	B	4ACSR	15.00Y	125.0	0.00	0.98	0.17	0	2	-2	-71	0.00	0.0	5.082	0.000	0	0	0	1
PL.33920	PL.6485	B	2ACSR	15.00Y	125.0	-0.00	0.98	0.17	0	2	-2	-71	0.00	0.0	5.174	0.092	0	0	0	1
PL.34952	PL.33920	B	1/0EPRJCN	15.00Y	125.0	0.00	0.98	0.17	0	2	-2	-71	0.00	0.0	5.250	0.076	0	0	0	1
PL.34953	PL.34952	B	2ALUD	15.00Y	125.0	0.00	0.98	0.11	0	2	-1	-89	0.00	0.0	5.310	0.060	0	0	0	1
4285036	PL.34953	B	Consumer	15.00Y	125.0	0.00	0.98	0.11	0	2	1	89	0.00	0.0	5.310	0.000	2	1	1	1
428532	PL.20272	B	Consumer	15.00Y	125.0	0.00	0.97	0.44	0	6	2	95	0.00	0.0	4.897	0.000	6	2	1	1
PL.33850	PL.25676	B	4ACSR	15.00Y	125.0	0.00	0.97	0.54	0	8	3	94	0.00	0.0	4.813	0.010	0	0	0	1
PD.4067	PL.33850	B	fuse6AMP	15.00Y	125.0	0.00	0.97	0.54	9	8	3	94	0.00	0.0	4.813	0.000	0	0	0	1
PL.33849	PD.4067	B	4ACSR	15.00Y	125.0	0.00	0.97	0.54	0	8	3	94	0.00	0.0	4.868	0.055	0	0	0	1
428522	PL.33849	B	Consumer	15.00Y	125.0	0.00	0.97	0.54	0	8	3	94	0.00	0.0	4.868	0.000	8	3	1	1
428510	PL.6486	B	Consumer	15.01Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	4.307	0.000	0	0	1	1
PL.25674	PL.25673	B	4ACSR	15.01Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	4.229	0.008	0	0	0	0
PL.33857	PL.12435	B	4ACSR	15.02Y	125.1	0.00	0.87	1.04	1	15	5	95	0.00	0.0	3.882	0.011	0	0	0	3
PD.4071	PL.33857	B	fuse6AMP	15.02Y	125.1	0.00	0.87	1.04	18	15	5	95	0.00	0.0	3.882	0.000	0	0	0	3
PL.33858	PD.4071	B	4ACSR	15.02Y	125.1	0.00	0.87	1.04	1	15	5	95	0.00	0.0	3.985	0.102	0	0	0	3
PL.2332	PL.33858	B	4ACSR	15.02Y	125.1	0.00	0.87	0.74	1	10	4	93	0.00	0.0	4.053	0.068	0	0	0	2
PL.24801	PL.2332	B	4ACSR	15.02Y	125.1	0.00	0.87	0.20	0	3	1	95	0.00	0.0	4.118	0.065	0	0	0	1
PL.24802	PL.24801	B	4ACSR	15.02Y	125.1	0.00	0.87	0.20	0	3	1	95	0.00	0.0	4.118	0.000	0	0	0	1
428621	PL.24802	B	Consumer	15.02Y	125.1	0.00	0.87	0.20	0	3	1	95	0.00	0.0	4.118	0.000	3	1	1	1
PL.2331	PL.2332	B	4ACSR	15.02Y	125.1	0.00	0.87	0.54	0	8	3	94	0.00	0.0	4.118	0.065	0	0	0	1
PL.2343	PL.2331	B	4ACSR	15.02Y	125.1	0.00	0.87	0.54	0	8	3	94	0.00	0.0	4.256	0.138	0	0	0	1
428606	PL.2343	B	Consumer	15.02Y	125.1	0.00	0.87	0.54	0	8	3	94	0.00	0.0	4.256	0.000	8	3	1	1
428615	PL.33858	B	Consumer	15.02Y	125.1	0.00	0.87	0.30	0	4	2	89	0.00	0.0	3.985	0.000	4	2	1	1
428604	PL.6653	B	Consumer	15.02Y	125.1	0.00	0.85	0.00	0	0	0	100	0.00	0.0	3.778	0.000	0	0	0	0
428625	PL.6653	B	Consumer	15.02Y	125.1	0.00	0.85	0.53	0	7	3	92	0.00	0.0	3.778	0.000	7	3	1	1
428623	PL.24876	B	Consumer	15.02Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	3.599	0.000	0	0	0	0
428607	PL.19689	B	Consumer	15.03Y	125.2	0.00	0.77	0.12	0	2	1	89	0.00	0.0	3.358	0.000	2	1	1	1
PL.2321	PL.24873	A	1/0ACSR	14.96Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	3.038	0.106	0	0	0	0
		B		15.04Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
		C		14.88Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
PL.24874	PL.2321	A	4ACSR	14.96Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	3.046	0.007	0	0	0	0
PD.1299	PL.24874	A	fuse6AMP	14.96Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	3.046	0.000	0	0	0	0
PL.24875	PD.1299	A	4ACSR	14.96Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	3.163	0.117	0	0	0	0
PL.24870	PL.24869	B	4ACSR	15.04Y	125.3	0.00	0.67	0.59	0	8	3	94	0.00	0.0	2.479	0.006	0	0	0	3
PD.1305	PL.24870	B	fuse6AMP	15.04Y	125.3	0.00	0.67	0.59	10	8	3	94	0.00	0.0	2.479	0.000	0	0	0	3
PL.24871	PD.1305	B	4ACSR	15.04Y	125.3	0.00	0.67	0.59	0	8	3	94	0.00	0.0	2.602	0.123	0	0	0	3
PL.2342	PL.24871	B	4ACSR	15.04Y	125.3	0.00	0.67	0.34	0	5	2	93	0.00	0.0	2.706	0.104	0	0	0	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
429612	PL.2342	B	Consumer	15.04Y	125.3	0.00	0.67	0.34	0	5	2	93	0.00	0.0	2.706	0.000	5	2	1	1
429610	PL.24871	B	Consumer	15.04Y	125.3	0.00	0.67	0.00	0	0	0	100	0.00	0.0	2.602	0.000	0	0	1	1
4296014	PL.24871	B	Consumer	15.04Y	125.3	0.00	0.67	0.25	0	4	1	97	0.00	0.0	2.602	0.000	4	1	1	1
PL.38199	PL.7066	A	1/0ACSR	14.99Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	2.224	0.099	0	0	0	0
		B		15.04Y	125.3	0.01	0.67	6.26	3	89	31	95			0	0	0	0	26	
		C		14.94Y	124.5	-0.00	1.50	0.00	0	0	0	100			0	0	0	0	0	
PD.6650-A	PL.38199	B	Closed	15.04Y	125.3	0.00	0.67	6.26	0	89	31	94	0.00	0.0	2.224	0.000	0	0	0	26
PD.6650-B	PD.6650-A	B	Closed	15.04Y	125.3	0.00	0.67	6.26	0	89	31	94	0.00	0.0	2.224	0.000	0	0	0	26
PL.38200	PD.6650-B	B	1/0ACSR	15.04Y	125.3	0.00	0.67	6.26	3	89	31	94	0.00	0.0	2.282	0.058	0	0	0	26
PL.10184	PL.38200	B	4ACSR	15.04Y	125.3	0.00	0.67	6.26	5	89	31	94	0.00	0.0	2.294	0.011	0	0	0	26
PD.3542	PL.10184	B	25V4E	15.04Y	125.3	0.00	0.67	6.26	25	89	31	94	0.00	0.0	2.294	0.000	0	0	0	26
PL.10185	PD.3542	B	4ACSR	15.04Y	125.3	0.00	0.68	6.26	5	89	31	94	0.00	0.0	2.309	0.016	0	0	0	26
480611	PL.10185	B	Consumer	15.04Y	125.3	0.00	0.68	0.23	0	3	1	95	0.00	0.0	2.309	0.000	3	1	1	1
PL.10186	PL.10185	B	4ACSR	15.04Y	125.3	0.02	0.70	6.03	5	86	29	95	0.01	0.0	2.455	0.145	0	0	0	25
PL.3090	PL.10186	B	4ACSR	15.04Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	2.538	0.084	0	0	0	0
PL.10187	PL.10186	B	4ACSR	15.04Y	125.3	0.01	0.70	6.03	5	86	29	95	0.00	0.0	2.505	0.051	0	0	0	25
PL.24867	PL.10187	B	4ACSR	15.04Y	125.3	0.00	0.70	0.65	1	9	3	95	0.00	0.0	2.617	0.112	0	0	0	2
PL.3095	PL.24867	B	4ACSR	15.04Y	125.3	0.00	0.71	0.46	0	6	2	95	0.00	0.0	2.680	0.063	0	0	0	1
480714	PL.3095	B	Consumer	15.04Y	125.3	0.00	0.71	0.46	0	6	2	95	0.00	0.0	2.680	0.000	6	2	1	1
PL.24868	PL.24867	B	4ACSR	15.04Y	125.3	0.00	0.70	0.20	0	3	1	95	0.00	0.0	2.658	0.041	0	0	0	1
PL.2320	PL.24868	B	4ACSR	15.04Y	125.3	0.00	0.71	0.20	0	3	1	95	0.00	0.0	2.785	0.127	0	0	0	1
429701	PL.2320	B	Consumer	15.04Y	125.3	0.00	0.71	0.20	0	3	1	95	0.00	0.0	2.785	0.000	3	1	1	1
PL.10188	PL.10187	B	4ACSR	15.03Y	125.3	0.01	0.71	5.38	5	76	26	95	0.01	0.0	2.598	0.093	0	0	0	23
PL.14744	PL.10188	B	4ACSR	15.03Y	125.2	0.04	0.76	5.10	4	73	25	95	0.02	0.0	2.978	0.380	0	0	0	21
PL.38167	PL.14744	B	4ACSR	15.03Y	125.2	0.00	0.76	4.24	4	60	20	95	0.00	0.0	2.987	0.009	0	0	0	17
PL.38168	PL.38167	B	4ACSR	15.03Y	125.2	0.01	0.77	4.24	4	60	20	95	0.00	0.0	3.066	0.079	0	0	0	17
PL.15153	PL.38168	B	4ACSR	15.03Y	125.2	0.00	0.77	4.12	3	59	20	95	0.00	0.0	3.066	0.000	0	0	0	16
PL.7063	PL.15153	B	4ACSR	15.03Y	125.2	0.01	0.78	3.53	3	50	17	95	0.00	0.0	3.186	0.120	0	0	0	15
480705	PL.7063	B	Consumer	15.03Y	125.2	0.00	0.78	0.45	0	6	2	95	0.00	0.0	3.186	0.000	6	2	1	1
480717	PL.7063	B	Consumer	15.03Y	125.2	0.00	0.78	0.04	0	1	0	100	0.00	0.0	3.186	0.000	1	0	1	1
PL.3088	PL.7063	B	4ACSR	15.03Y	125.2	0.00	0.78	0.68	1	10	4	93	0.00	0.0	3.323	0.137	0	0	0	2
PL.2863	PL.3088	B	4ACSR	15.03Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	3.419	0.096	0	0	0	0
481717	PL.2863	B	Consumer	15.03Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	3.419	0.000	0	0	0	0
480724	PL.3088	B	Consumer	15.03Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	3.323	0.000	0	0	1	1
480725	PL.3088	B	Consumer	15.03Y	125.2	0.00	0.78	0.68	0	10	4	93	0.00	0.0	3.323	0.000	10	4	1	1
480723	PL.3088	B	Consumer	15.03Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	3.323	0.000	0	0	0	0
PL.14745	PL.7063	B	4ACSR	15.03Y	125.2	0.00	0.78	2.36	2	34	11	95	0.00	0.0	3.228	0.042	0	0	0	11
PL.38175	PL.14745	B	4ACSR	15.03Y	125.2	0.00	0.78	2.03	2	29	9	96	0.00	0.0	3.235	0.007	0	0	0	10
PD.434-A	PL.38175	B	Closed	15.03Y	125.2	0.00	0.78	2.03	0	29	9	96	0.00	0.0	3.235	0.000	0	0	0	10

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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 rows for PD.434-B, PL.38176, 4807031, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.38177	PL.14745	B	4ACSR	15.03Y	125.2	0.00	0.78	0.33	0	5	2	93	0.00	0.0	3.240	0.013	0	0	0	1
PD.6639	PL.38177	B	fuse6AMP	15.03Y	125.2	0.00	0.78	0.33	6	5	2	93	0.00	0.0	3.240	0.000	0	0	0	1
PL.38178	PD.6639	B	4ACSR	15.03Y	125.2	0.00	0.78	0.33	0	5	2	93	0.00	0.0	3.245	0.004	0	0	0	1
PL.15151	PL.38178	B	4ACSR	15.03Y	125.2	0.00	0.78	0.33	0	5	2	93	0.00	0.0	3.350	0.105	0	0	0	1
480726	PL.15151	B	Consumer	15.03Y	125.2	0.00	0.78	0.33	0	5	2	93	0.00	0.0	3.350	0.000	5	2	1	1
480718	PL.15153	B	Consumer	15.03Y	125.2	0.00	0.77	0.58	0	8	3	94	0.00	0.0	3.066	0.000	8	3	1	1
PL.38173	PL.38168	B	2ACSR	15.03Y	125.2	0.00	0.77	0.13	0	2	1	89	0.00	0.0	3.072	0.007	0	0	0	1
PD.6638	PL.38173	B	fuse6AMP	15.03Y	125.2	0.00	0.77	0.13	2	2	1	89	0.00	0.0	3.072	0.000	0	0	0	1
PL.38174	PD.6638	B	2ACSR	15.03Y	125.2	0.00	0.77	0.13	0	2	1	89	0.00	0.0	3.105	0.033	0	0	0	1
4807030	PL.38174	B	Consumer	15.03Y	125.2	0.00	0.77	0.13	0	2	1	89	0.00	0.0	3.105	0.000	2	1	1	1
PL.38169	PL.14744	B	4ACSR	15.03Y	125.2	0.00	0.76	0.33	0	5	2	93	0.00	0.0	2.991	0.014	0	0	0	2
PD.6636	PL.38169	B	fuse6AMP	15.03Y	125.2	0.00	0.76	0.33	6	5	2	93	0.00	0.0	2.991	0.000	0	0	0	2
PL.38170	PD.6636	B	4ACSR	15.03Y	125.2	0.00	0.76	0.33	0	5	2	93	0.00	0.0	3.065	0.073	0	0	0	2
PL.3092	PL.38170	B	4ACSR	15.03Y	125.2	0.00	0.76	0.03	0	0	0	100	0.00	0.0	3.151	0.086	0	0	0	1
480710	PL.3092	B	Consumer	15.03Y	125.2	0.00	0.76	0.03	0	0	0	100	0.00	0.0	3.151	0.000	0	0	1	1
480702	PL.38170	B	Consumer	15.03Y	125.2	0.00	0.76	0.30	0	4	2	89	0.00	0.0	3.065	0.000	4	2	1	1
PL.38171	PL.14744	B	4ACSR	15.03Y	125.2	0.00	0.76	0.52	0	7	3	92	0.00	0.0	2.990	0.013	0	0	0	2
PD.6637	PL.38171	B	fuse6AMP	15.03Y	125.2	0.00	0.76	0.52	9	7	3	92	0.00	0.0	2.990	0.000	0	0	0	2
PL.38172	PD.6637	B	4ACSR	15.03Y	125.2	0.00	0.76	0.52	0	7	3	92	0.00	0.0	3.117	0.126	0	0	0	2
PL.2877	PL.38172	B	4ACSR	15.03Y	125.2	0.00	0.76	0.52	0	7	3	92	0.00	0.0	3.150	0.033	0	0	0	2
480727	PL.2877	B	Consumer	15.03Y	125.2	0.00	0.76	0.13	0	2	1	89	0.00	0.0	3.150	0.000	2	1	1	1
480722	PL.2877	B	Consumer	15.03Y	125.2	0.00	0.76	0.39	0	5	2	93	0.00	0.0	3.150	0.000	5	2	1	1
PL.3086	PL.38172	B	4ACSR	15.03Y	125.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	3.242	0.125	0	0	0	0
480721	PL.3086	B	Consumer	15.03Y	125.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	3.242	0.000	0	0	0	0
PL.2656	PL.10188	B	4ACSR	15.03Y	125.3	0.00	0.71	0.28	0	4	1	97	0.00	0.0	2.670	0.072	0	0	0	2
PL.3089	PL.2656	B	4ACSR	15.03Y	125.3	0.00	0.71	0.19	0	3	1	95	0.00	0.0	2.738	0.068	0	0	0	1
PL.2866	PL.3089	B	4ACSR	15.03Y	125.3	0.00	0.72	0.19	0	3	1	95	0.00	0.0	2.809	0.071	0	0	0	1
480613	PL.2866	B	Consumer	15.03Y	125.3	0.00	0.72	0.19	0	3	1	95	0.00	0.0	2.809	0.000	3	1	1	1
480612	PL.2656	B	Consumer	15.03Y	125.3	0.00	0.71	0.09	0	1	0	100	0.00	0.0	2.670	0.000	1	0	1	1
PL.10178	PL.10176	A	4ACSR	15.00Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	2.058	0.006	0	0	0	0
PD.1688	PL.10178	A	fuse6AMP	15.00Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	2.058	0.000	0	0	0	0
PL.19681	PD.1688	A	4ACSR	15.00Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	2.106	0.048	0	0	0	0
480609	PL.19681	A	Consumer	15.00Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	2.106	0.000	0	0	0	0
PL.19682	PL.19681	A	4ACSR	15.00Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	2.112	0.006	0	0	0	0
PL.12444	PL.10176	C	4ACSR	14.95Y	124.5	0.00	1.46	0.23	0	3	1	95	0.00	0.0	2.058	0.006	0	0	0	2
PD.1686	PL.12444	C	fuse6AMP	14.95Y	124.5	0.00	1.46	0.23	4	3	1	95	0.00	0.0	2.058	0.000	0	0	0	2
PL.12445	PD.1686	C	4ACSR	14.95Y	124.5	0.00	1.46	0.23	0	3	1	95	0.00	0.0	2.121	0.063	0	0	0	2
PL.10179	PL.12445	C	4ACSR	14.95Y	124.5	0.00	1.46	0.23	0	3	1	95	0.00	0.0	2.237	0.116	0	0	0	2

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.7064	PL.10179	C	4ACSR	14.95Y	124.5	0.00	1.46	0.23	0	3	1	95	0.00	0.0	2.281	0.044	0	0	0	2
PL.7065	PL.7064	C	4ACSR	14.95Y	124.5	0.00	1.46	0.18	0	3	1	95	0.00	0.0	2.306	0.026	0	0	0	1
480616	PL.7065	C	Consumer	14.95Y	124.5	0.00	1.46	0.18	0	3	1	95	0.00	0.0	2.306	0.000	3	1	1	1
480618	PL.7064	C	Consumer	14.95Y	124.5	0.00	1.46	0.05	0	1	0	100	0.00	0.0	2.281	0.000	1	0	1	1
PL.10180	PL.10179	C	4ACSR	14.95Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	2.379	0.142	0	0	0	0
480622	PL.10171	A	Consumer	15.00Y	125.0	0.00	1.01	0.05	0	1	0	100	0.00	0.0	1.956	0.000	1	0	1	1
480619	PL.10171	A	Consumer	15.00Y	125.0	0.00	1.01	0.46	0	6	2	95	0.00	0.0	1.956	0.000	6	2	1	1
PL.10174	PL.10171	A	4ACSR	15.00Y	125.0	0.00	1.01	0.31	0	4	2	89	0.00	0.0	1.965	0.009	0	0	0	2
PD.1306	PL.10174	A	fuse6AMP	15.00Y	125.0	0.00	1.01	0.31	5	4	2	89	0.00	0.0	1.965	0.000	0	0	0	2
PL.10175	PD.1306	A	4ACSR	15.00Y	125.0	0.00	1.01	0.31	0	4	2	89	0.00	0.0	1.973	0.008	0	0	0	2
PL.24547	PL.10175	A	4ACSR	15.00Y	125.0	0.00	1.01	0.31	0	4	2	89	0.00	0.0	2.027	0.054	0	0	0	2
429608	PL.24547	A	Consumer	15.00Y	125.0	0.00	1.01	0.02	0	0	0	100	0.00	0.0	2.027	0.000	0	0	1	1
429611	PL.24547	A	Consumer	15.00Y	125.0	0.00	1.01	0.29	0	4	1	97	0.00	0.0	2.027	0.000	4	1	1	1
PL.10172	PL.10170	C	4ACSR	14.96Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	1.822	0.011	0	0	0	0
PD.1304	PL.10172	C	fuse6AMP	14.96Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	1.822	0.000	0	0	0	0
PL.10173	PD.1304	C	4ACSR	14.96Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	1.909	0.087	0	0	0	0
480604	PL.10173	C	Consumer	14.96Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	1.909	0.000	0	0	0	0
429603	PL.24551	A	Consumer	15.01Y	125.1	0.00	0.93	0.27	0	4	1	97	0.00	0.0	1.696	0.000	4	1	1	1
429602	PL.10169	B	Consumer	15.05Y	125.4	0.00	0.60	0.19	0	3	1	95	0.00	0.0	1.540	0.000	3	1	1	1
PL.23649	PL.15750	B	4ACSR	15.05Y	125.4	0.04	0.62	13.46	11	190	70	94	0.05	0.0	1.572	0.114	0	0	0	56
PL.15747	PL.23649	B	4ACSR	15.04Y	125.4	0.00	0.63	13.46	11	190	70	94	0.00	0.0	1.579	0.007	0	0	0	56
PD.3114	PL.15747	B	50V4E	15.04Y	125.4	0.00	0.63	13.46	27	190	70	94	0.00	0.0	1.579	0.000	0	0	0	56
PL.15748	PD.3114	B	4ACSR	15.04Y	125.4	0.02	0.64	13.46	11	190	70	94	0.02	0.0	1.636	0.058	0	0	0	56
429512	PL.15748	B	Consumer	15.04Y	125.4	0.00	0.64	0.33	0	5	2	93	0.00	0.0	1.636	0.000	5	2	1	1
PL.28320	PL.15748	B	4ACSR	15.04Y	125.4	0.00	0.65	13.14	11	185	69	94	0.00	0.0	1.648	0.012	0	0	0	55
C PD.2669	PL.28320	B	fuse6AMP	15.04Y	125.4	0.00	0.65	13.14	224	185	69	94	0.00	0.0	1.648	0.000	0	0	0	55 C
PL.28321	PD.2669	B	4ACSR	15.04Y	125.3	0.03	0.68	13.14	11	185	69	94	0.04	0.0	1.750	0.102	0	0	0	55
PL.10165	PL.28321	B	4ACSR	15.04Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	1.760	0.010	0	0	0	0
PD.1346	PL.10165	B	fuse6AMP	15.04Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	1.760	0.000	0	0	0	0
PL.10166	PD.1346	B	4ACSR	15.04Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	1.819	0.058	0	0	0	0
429507	PL.10166	B	Consumer	15.04Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	1.819	0.000	0	0	0	0
PL.10167	PL.28321	B	4ACSR	15.04Y	125.3	0.02	0.69	13.14	11	185	69	94	0.02	0.0	1.809	0.059	0	0	0	55
PL.19342	PL.10167	B	4ACSR	15.03Y	125.3	0.03	0.72	12.72	11	179	66	94	0.03	0.0	1.897	0.089	0	0	0	54
429521	PL.19342	B	Consumer	15.03Y	125.3	0.00	0.72	0.98	0	14	5	94	0.00	0.0	1.897	0.000	14	5	1	1
PL.19343	PL.19342	B	4ACSR	15.03Y	125.3	0.02	0.74	11.74	10	165	61	94	0.03	0.0	1.988	0.090	0	0	0	53
PL.38165	PL.19343	B	4ACSR	15.03Y	125.3	0.00	0.75	2.34	2	33	12	94	0.00	0.0	1.994	0.006	0	0	0	9
PD.6634-A	PL.38165	B	Closed	15.03Y	125.3	0.00	0.75	2.34	0	33	12	94	0.00	0.0	1.994	0.000	0	0	0	9
PD.6634-B	PD.6634-A	B	Closed	15.03Y	125.3	0.00	0.75	2.34	0	33	12	94	0.00	0.0	1.994	0.000	0	0	0	9

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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: SIDEVIEW

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
PD.1351	PL.10210	B	fuse6AMP	15.02Y	125.1	0.00	0.86	1.95	33	28	10	94	0.00	0.0	2.687	0.000	0	0	0	6
PL.10211	PD.1351	B	4ACSR	15.02Y	125.1	0.01	0.87	1.95	2	28	10	94	0.00	0.0	2.814	0.127	0	0	0	6
428503	PL.10211	B	Consumer	15.02Y	125.1	0.00	0.87	0.97	0	14	5	94	0.00	0.0	2.814	0.000	14	5	1	1
PL.23929	PL.10211	B	4ACSR	15.02Y	125.1	0.00	0.87	0.98	1	14	5	94	0.00	0.0	2.867	0.053	0	0	0	5
PL.23933	PL.23929	B	4ACSR	15.02Y	125.1	0.00	0.87	0.06	0	1	0	100	0.00	0.0	2.972	0.105	0	0	0	2
428534	PL.23933	B	Consumer	15.02Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	2.972	0.000	0	0	1	1
428509	PL.23933	B	Consumer	15.02Y	125.1	0.00	0.87	0.06	0	1	0	100	0.00	0.0	2.972	0.000	1	0	1	1
PL.23931	PL.23929	B	4ACSR	15.02Y	125.1	0.00	0.87	0.93	1	13	5	93	0.00	0.0	2.919	0.052	0	0	0	3
PL.23932	PL.23931	B	4ACSR	15.02Y	125.1	0.00	0.87	0.93	1	13	5	93	0.00	0.0	2.986	0.067	0	0	0	3
PL.6482	PL.23932	B	4ACSR	15.02Y	125.1	0.00	0.87	0.91	1	13	5	93	0.00	0.0	3.046	0.060	0	0	0	2
PL.6483	PL.6482	B	4ACSR	15.02Y	125.1	0.00	0.87	0.69	1	10	4	93	0.00	0.0	3.098	0.052	0	0	0	1
PL.23930	PL.6483	B	4ACSR	15.01Y	125.1	0.00	0.88	0.69	1	10	4	93	0.00	0.0	3.210	0.112	0	0	0	1
428406	PL.23930	B	Consumer	15.01Y	125.1	0.00	0.88	0.69	0	10	4	93	0.00	0.0	3.210	0.000	10	4	1	1
428530	PL.6482	B	Consumer	15.02Y	125.1	0.00	0.87	0.23	0	3	1	95	0.00	0.0	3.046	0.000	3	1	1	1
428501	PL.23932	B	Consumer	15.02Y	125.1	0.00	0.87	0.01	0	0	0	100	0.00	0.0	2.986	0.000	0	0	1	1
PL.6481	PL.10220	B	4ACSR	15.01Y	125.1	0.02	0.88	4.80	4	67	26	93	0.01	0.0	2.828	0.163	0	0	0	32
PL.18261	PL.6481	B	4ACSR	15.01Y	125.1	0.00	0.88	1.93	2	27	10	94	0.00	0.0	2.838	0.010	0	0	0	15
PD.2641	PL.18261	B	25E	15.01Y	125.1	0.00	0.88	1.93	8	27	10	94	0.00	0.0	2.838	0.000	0	0	0	15
PL.18262	PD.2641	B	4ACSR	15.01Y	125.1	0.01	0.89	1.93	2	27	10	94	0.00	0.0	2.971	0.133	0	0	0	15
428409	PL.18262	B	Consumer	15.01Y	125.1	0.00	0.89	0.14	0	2	1	89	0.00	0.0	2.971	0.000	2	1	1	1
428407	PL.18262	B	Consumer	15.01Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	2.971	0.000	0	0	0	0
PL.10209	PL.18262	B	4ACSR	15.01Y	125.1	0.02	0.90	1.62	1	23	8	94	0.00	0.0	3.390	0.418	0	0	0	12
PL.22956	PL.10209	B	4ACSR	15.01Y	125.1	0.01	0.91	1.25	1	18	6	95	0.00	0.0	3.587	0.197	0	0	0	10
PD.2740-A	PL.22956	B	Closed	15.01Y	125.1	0.00	0.91	1.25	0	18	6	95	0.00	0.0	3.587	0.000	0	0	0	10
PD.2740-B	PD.2740-A	B	Closed	15.01Y	125.1	0.00	0.91	1.25	0	18	6	95	0.00	0.0	3.587	0.000	0	0	0	10
PL.22957	PD.2740-B	B	4ACSR	15.01Y	125.1	0.00	0.91	1.25	1	18	6	95	0.00	0.0	3.592	0.005	0	0	0	10
428401	PL.22957	B	Consumer	15.01Y	125.1	0.00	0.91	0.08	0	1	0	100	0.00	0.0	3.592	0.000	1	0	1	1
PL.10206	PL.22957	B	4ACSR	15.01Y	125.1	0.00	0.91	1.17	1	16	6	94	0.00	0.0	3.695	0.103	0	0	0	9
PL.33827	PL.10206	B	4ACSR	15.01Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	3.704	0.009	0	0	0	0
PD.4056	PL.33827	B	fuse6AMP	15.01Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	3.704	0.000	0	0	0	0
PL.33828	PD.4056	B	4ACSR	15.01Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	3.966	0.262	0	0	0	0
428405	PL.33828	B	Consumer	15.01Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	3.966	0.000	0	0	0	0
PL.10207	PL.10206	B	4ACSR	15.01Y	125.1	0.00	0.91	1.17	1	16	6	94	0.00	0.0	3.820	0.125	0	0	0	9
428404	PL.10207	B	Consumer	15.01Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	3.820	0.000	0	0	1	1
PL.6480	PL.10207	B	4ACSR	15.01Y	125.1	0.00	0.92	1.17	1	16	6	94	0.00	0.0	3.962	0.142	0	0	0	8
PL.6678	PL.6480	B	4ACSR	15.01Y	125.1	0.00	0.92	1.17	1	16	6	94	0.00	0.0	4.020	0.059	0	0	0	8
429304	PL.6678	B	Consumer	15.01Y	125.1	0.00	0.92	0.07	0	1	0	100	0.00	0.0	4.020	0.000	1	0	1	1
429303	PL.6678	B	Consumer	15.01Y	125.1	0.00	0.92	0.13	0	2	1	89	0.00	0.0	4.020	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: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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 %	Thru Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.33921	PL.6678	B	4ACSR	15.01Y	125.1	0.00	0.92	0.98	1	14	5	94	0.00	0.0	4.169	0.148	0	0	0	6
4293008	PL.33921	B	Consumer	15.01Y	125.1	0.00	0.92	0.17	0	2	1	89	0.00	0.0	4.169	0.000	2	1	1	1
PL.33922	PL.33921	B	4ACSR	15.01Y	125.1	0.00	0.92	0.80	1	11	4	94	0.00	0.0	4.208	0.040	0	0	0	5
PL.33831	PL.33922	B	4ACSR	15.01Y	125.1	0.00	0.92	0.35	0	5	2	93	0.00	0.0	4.234	0.026	0	0	0	1
PD.4058	PL.33831	B	fuse6AMP	15.01Y	125.1	0.00	0.92	0.35	6	5	2	93	0.00	0.0	4.234	0.000	0	0	0	1
PL.33832	PD.4058	B	4ACSR	15.01Y	125.1	0.00	0.92	0.35	0	5	2	93	0.00	0.0	4.345	0.111	0	0	0	1
PL.25539	PL.33832	B	4ACSR	15.01Y	125.1	0.00	0.92	0.35	0	5	2	93	0.00	0.0	4.465	0.120	0	0	0	1
PL.25540	PL.25539	B	4ACSR	15.01Y	125.1	0.00	0.93	0.35	0	5	2	93	0.00	0.0	4.984	0.518	0	0	0	1
429305	PL.25540	B	Consumer	15.01Y	125.1	0.00	0.93	0.35	0	5	2	93	0.00	0.0	4.984	0.000	5	2	1	1
PL.2386	PL.25539	B	4ACSR	15.01Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	4.739	0.274	0	0	0	0
428304	PL.2386	B	Consumer	15.01Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	4.739	0.000	0	0	0	0
429301	PL.33832	B	Consumer	15.01Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	4.345	0.000	0	0	0	0
PL.33833	PL.33922	B	4ACSR	15.01Y	125.1	0.00	0.92	0.28	0	4	1	97	0.00	0.0	4.223	0.015	0	0	0	2
PD.4059	PL.33833	B	fuse6AMP	15.01Y	125.1	0.00	0.92	0.28	5	4	1	97	0.00	0.0	4.223	0.000	0	0	0	2
PL.33834	PD.4059	B	4ACSR	15.01Y	125.1	0.00	0.92	0.28	0	4	1	97	0.00	0.0	4.550	0.327	0	0	0	2
PL.10204	PL.33834	B	4ACSR	15.01Y	125.1	0.00	0.92	0.28	0	4	1	97	0.00	0.0	4.570	0.020	0	0	0	2
4803009	PL.10204	B	Consumer	15.01Y	125.1	0.00	0.92	0.28	0	4	1	97	0.00	0.0	4.570	0.000	4	1	1	1
480305	PL.10204	B	Consumer	15.01Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	4.570	0.000	0	0	1	1
PL.10205	PL.10204	B	4ACSR	15.01Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	5.243	0.673	0	0	0	0
480306	PL.10205	B	Consumer	15.01Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	5.243	0.000	0	0	0	0
PL.2385	PL.33834	B	4ACSR	15.01Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	4.550	0.000	0	0	0	0
429302	PL.33922	B	Consumer	15.01Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	4.208	0.000	0	0	1	1
429306	PL.33922	B	Consumer	15.01Y	125.1	0.00	0.92	0.17	0	2	1	89	0.00	0.0	4.208	0.000	2	1	1	1
PL.33829	PL.10209	B	4ACSR	15.01Y	125.1	0.00	0.90	0.37	0	5	2	93	0.00	0.0	3.397	0.007	0	0	0	2
PD.4057	PL.33829	B	fuse6AMP	15.01Y	125.1	0.00	0.90	0.37	6	5	2	93	0.00	0.0	3.397	0.000	0	0	0	2
PL.33830	PD.4057	B	4ACSR	15.01Y	125.1	0.00	0.90	0.37	0	5	2	93	0.00	0.0	3.498	0.101	0	0	0	2
PL.23937	PL.33830	B	4ACSR	15.01Y	125.1	0.00	0.90	0.37	0	5	2	93	0.00	0.0	3.617	0.119	0	0	0	2
PL.23935	PL.23937	B	4ACSR	15.01Y	125.1	0.00	0.90	0.37	0	5	2	93	0.00	0.0	3.734	0.117	0	0	0	1
429401	PL.23935	B	Consumer	15.01Y	125.1	0.00	0.90	0.37	0	5	2	93	0.00	0.0	3.734	0.000	5	2	1	1
PL.23936	PL.23937	B	4ACSR	15.01Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	3.735	0.118	0	0	0	1
429406	PL.23936	B	Consumer	15.01Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	3.735	0.000	0	0	1	1
PL.33835	PL.18262	B	4ACSR	15.01Y	125.1	0.00	0.89	0.17	0	2	1	89	0.00	0.0	2.987	0.015	0	0	0	2
PD.4060	PL.33835	B	fuse6AMP	15.01Y	125.1	0.00	0.89	0.17	3	2	1	89	0.00	0.0	2.987	0.000	0	0	0	2
PL.33836	PD.4060	B	4ACSR	15.01Y	125.1	0.00	0.89	0.17	0	2	1	89	0.00	0.0	3.065	0.079	0	0	0	2
428408	PL.33836	B	Consumer	15.01Y	125.1	0.00	0.89	0.01	0	0	0	100	0.00	0.0	3.065	0.000	0	0	1	1
428402	PL.33836	B	Consumer	15.01Y	125.1	0.00	0.89	0.16	0	2	1	89	0.00	0.0	3.065	0.000	2	1	1	1
PL.45907	PL.6481	B	4ACSR	15.01Y	125.1	0.00	0.88	2.87	2	40	16	93	0.00	0.0	2.855	0.027	0	0	0	17
PD.8682	PL.45907	B	25E	15.01Y	125.1	0.00	0.88	2.87	11	40	16	93	0.00	0.0	2.855	0.000	0	0	0	17

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.45908	PD.8682	B	4ACSR	15.01Y	125.1	0.01	0.89	2.87	2	40	16	93	0.00	0.0	3.062	0.207	0	0	0	17
PL.10212	PL.45908	B	4ACSR	15.01Y	125.1	0.01	0.91	2.29	2	32	13	93	0.00	0.0	3.288	0.225	0	0	0	15
PL.10213	PL.10212	B	4ACSR	15.01Y	125.1	0.00	0.91	2.29	2	32	13	93	0.00	0.0	3.368	0.081	0	0	0	14
PL.45803	PL.10213	B	1/0EPRJCN	15.01Y	125.1	0.00	0.91	0.11	0	2	0	100	0.00	0.0	3.388	0.020	0	0	0	1
429407	PL.45803	B	Consumer	15.01Y	125.1	0.00	0.91	0.12	0	2	1	89	0.00	0.0	3.388	0.000	2	1	1	1
PL.6491	PL.10213	B	4ACSR	15.01Y	125.1	0.00	0.91	2.19	2	30	12	93	0.00	0.0	3.434	0.066	0	0	0	13
PL.7173	PL.6491	B	4ACSR	15.01Y	125.1	0.00	0.92	2.19	2	30	12	93	0.00	0.0	3.499	0.065	0	0	0	13
PL.10214	PL.7173	B	4ACSR	15.01Y	125.1	0.01	0.93	2.19	2	30	12	93	0.00	0.0	3.671	0.172	0	0	0	13
480409	PL.10214	B	Consumer	15.01Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	3.671	0.000	0	0	1	1
PL.10215	PL.10214	B	4ACSR	15.01Y	125.1	0.00	0.93	2.19	2	30	12	93	0.00	0.0	3.681	0.010	0	0	0	12
PD.447-A	PL.10215	B	Closed	15.01Y	125.1	0.00	0.93	2.19	0	30	12	93	0.00	0.0	3.681	0.000	0	0	0	12
PD.447-B	PD.447-A	B	Closed	15.01Y	125.1	0.00	0.93	2.19	0	30	12	93	0.00	0.0	3.681	0.000	0	0	0	12
PL.20274	PD.447-B	B	4ACSR	15.01Y	125.1	0.00	0.93	2.19	2	30	12	93	0.00	0.0	3.736	0.055	0	0	0	12
PL.20275	PL.20274	B	4ACSR	15.01Y	125.1	0.01	0.94	2.19	2	30	12	93	0.00	0.0	3.896	0.160	0	0	0	12
PL.33841	PL.20275	B	4ACSR	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	3.904	0.008	0	0	0	1
PD.4063	PL.33841	B	fuse6AMP	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	3.904	0.000	0	0	0	1
PL.33842	PD.4063	B	4ACSR	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	4.086	0.182	0	0	0	1
PL.3099	PL.33842	B	4ACSR	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	4.393	0.307	0	0	0	0
PL.7165	PL.33842	B	4ACSR	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	4.147	0.061	0	0	0	1
480411	PL.7165	B	Consumer	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	4.147	0.000	0	0	1	1
PL.7166	PL.7165	B	4ACSR	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	4.232	0.085	0	0	0	0
PL.3103	PL.7166	B	4ACSR	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	4.292	0.059	0	0	0	0
480412	PL.3103	B	Consumer	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	4.292	0.000	0	0	0	0
PL.3102	PL.33842	B	4ACSR	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	4.187	0.101	0	0	0	0
PL.10198	PL.20275	B	4ACSR	15.01Y	125.1	0.00	0.94	2.19	2	30	12	93	0.00	0.0	3.943	0.047	0	0	0	11
PL.7167	PL.10198	B	4ACSR	15.01Y	125.1	0.00	0.94	1.06	1	15	5	95	0.00	0.0	4.040	0.097	0	0	0	6
PL.45806	PL.7167	B	4ACSR	15.01Y	125.1	0.01	0.95	1.06	1	15	5	95	0.00	0.0	4.377	0.337	0	0	0	6
4804025	PL.45806	B	Consumer	15.01Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	4.377	0.000	0	0	0	0
PL.45807	PL.45806	B	4ACSR	15.01Y	125.1	0.00	0.95	1.06	1	15	5	95	0.00	0.0	4.383	0.006	0	0	0	6
PL.10200	PL.45807	B	4ACSR	15.01Y	125.0	0.00	0.95	1.05	1	15	5	95	0.00	0.0	4.516	0.133	0	0	0	5
PL.3098	PL.10200	B	4ACSR	15.01Y	125.0	0.00	0.95	0.51	0	7	3	92	0.00	0.0	4.553	0.037	0	0	0	3
481420	PL.3098	B	Consumer	15.01Y	125.0	0.00	0.95	0.31	0	4	2	89	0.00	0.0	4.553	0.000	4	2	1	1
481413	PL.3098	B	Consumer	15.01Y	125.0	0.00	0.95	0.19	0	3	1	95	0.00	0.0	4.553	0.000	3	1	1	1
481419	PL.3098	B	Consumer	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	4.553	0.000	0	0	0	0
481416	PL.3098	B	Consumer	15.01Y	125.0	0.00	0.95	0.01	0	0	0	100	0.00	0.0	4.553	0.000	0	0	1	1
PL.10201	PL.10200	B	4ACSR	15.01Y	125.0	0.00	0.95	0.54	0	8	3	94	0.00	0.0	4.629	0.113	0	0	0	2
480417	PL.10201	B	Consumer	15.01Y	125.0	0.00	0.95	0.51	0	7	3	92	0.00	0.0	4.629	0.000	7	3	1	1
480419	PL.10201	B	Consumer	15.01Y	125.0	0.00	0.95	0.03	0	0	0	100	0.00	0.0	4.629	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.33845	PL.45807	B	4ACSR	15.01Y	125.1	0.00	0.95	0.01	0	0	0	100	0.00	0.0	4.388	0.005	0	0	0	1
PD.4065	PL.33845	B	fuse6AMP	15.01Y	125.1	0.00	0.95	0.01	0	0	0	100	0.00	0.0	4.388	0.000	0	0	0	1
PL.33846	PD.4065	B	4ACSR	15.01Y	125.1	0.00	0.95	0.01	0	0	0	100	0.00	0.0	4.433	0.045	0	0	0	1
PL.10202	PL.33846	B	4ACSR	15.01Y	125.1	0.00	0.95	0.01	0	0	0	100	0.00	0.0	4.442	0.009	0	0	0	1
PD.1622-A	PL.10202	B	Closed	15.01Y	125.1	0.00	0.95	0.01	0	0	0	100	0.00	0.0	4.442	0.000	0	0	0	1
PD.1622-B	PD.1622-A	B	Closed	15.01Y	125.1	0.00	0.95	0.01	0	0	0	100	0.00	0.0	4.442	0.000	0	0	0	1
PL.10203	PD.1622-B	B	4ACSR	15.01Y	125.1	0.00	0.95	0.01	0	0	0	100	0.00	0.0	4.507	0.065	0	0	0	1
481423	PL.10203	B	Consumer	15.01Y	125.1	0.00	0.95	0.01	0	0	0	100	0.00	0.0	4.507	0.000	0	0	1	1
480402	PL.7167	B	Consumer	15.01Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	4.040	0.000	0	0	0	0
PL.33843	PL.10198	B	4ACSR	15.01Y	125.1	0.00	0.94	1.13	1	15	7	91	0.00	0.0	3.957	0.014	0	0	0	5
PD.4064	PL.33843	B	fuse6AMP	15.01Y	125.1	0.00	0.94	1.13	19	15	7	91	0.00	0.0	3.957	0.000	0	0	0	5
PL.33844	PD.4064	B	4ACSR	15.01Y	125.1	0.01	0.95	1.13	1	15	7	91	0.00	0.0	4.311	0.354	0	0	0	5
480410	PL.33844	B	Consumer	15.01Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	4.311	0.000	0	0	1	1
480415	PL.33844	B	Consumer	15.01Y	125.1	0.00	0.95	0.27	0	4	1	97	0.00	0.0	4.311	0.000	4	1	1	1
PL.7172	PL.33844	B	4ACSR	15.01Y	125.0	0.00	0.95	0.86	1	12	6	89	0.00	0.0	4.518	0.206	0	0	0	3
PL.7170	PL.7172	B	4ACSR	15.01Y	125.0	0.00	0.95	0.02	0	0	0	100	0.00	0.0	4.616	0.098	0	0	0	2
480420	PL.7170	B	Consumer	15.01Y	125.0	0.00	0.95	0.02	0	0	0	100	0.00	0.0	4.616	0.000	0	0	1	1
480418	PL.7170	B	Consumer	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	4.616	0.000	0	0	1	1
480414	PL.7172	B	Consumer	15.01Y	125.0	0.00	0.95	0.84	0	11	5	91	0.00	0.0	4.518	0.000	11	5	1	1
480416	PL.7173	B	Consumer	15.01Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	3.499	0.000	0	0	0	0
PL.33839	PL.10212	B	4ACSR	15.01Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	3.295	0.007	0	0	0	1
PD.4062	PL.33839	B	fuse6AMP	15.01Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	3.295	0.000	0	0	0	1
PL.33840	PD.4062	B	4ACSR	15.01Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	3.388	0.093	0	0	0	1
PL.6478	PL.33840	B	4ACSR	15.01Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	3.388	0.000	0	0	0	1
429405	PL.6478	B	Consumer	15.01Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	3.388	0.000	0	0	1	1
PL.33837	PL.45908	B	4ACSR	15.01Y	125.1	0.00	0.89	0.57	0	8	3	94	0.00	0.0	3.068	0.006	0	0	0	2
PD.4061	PL.33837	B	fuse6AMP	15.01Y	125.1	0.00	0.89	0.57	10	8	3	94	0.00	0.0	3.068	0.000	0	0	0	2
PL.33838	PD.4061	B	4ACSR	15.01Y	125.1	0.00	0.90	0.57	0	8	3	94	0.00	0.0	3.152	0.084	0	0	0	2
429403	PL.33838	B	Consumer	15.01Y	125.1	0.00	0.90	0.14	0	2	1	89	0.00	0.0	3.152	0.000	2	1	1	1
4294008	PL.33838	B	Consumer	15.01Y	125.1	0.00	0.90	0.44	0	6	2	95	0.00	0.0	3.152	0.000	6	2	1	1
PL.10223	PL.10228	B	4ACSR	15.02Y	125.2	0.00	0.81	1.00	1	14	5	94	0.00	0.0	2.366	0.010	0	0	0	2
PD.1349	PL.10223	B	fuse6AMP	15.02Y	125.2	0.00	0.81	1.00	17	14	5	94	0.00	0.0	2.366	0.000	0	0	0	2
PL.10224	PD.1349	B	4ACSR	15.02Y	125.2	0.00	0.81	1.00	1	14	5	94	0.00	0.0	2.414	0.048	0	0	0	2
PL.23927	PL.10224	B	4ACSR	15.02Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	2.454	0.040	0	0	0	1
PL.23928	PL.23927	B	4ACSR	15.02Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	2.506	0.052	0	0	0	1
428514	PL.23928	B	Consumer	15.02Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	2.506	0.000	0	0	1	1
428511	PL.10224	B	Consumer	15.02Y	125.2	0.00	0.81	1.00	0	14	5	94	0.00	0.0	2.414	0.000	14	5	1	1
PL.10221	PL.10227	B	4ACSR	15.03Y	125.2	0.00	0.78	0.53	0	7	3	92	0.00	0.0	2.163	0.016	0	0	0	3

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.1348	PL.10221	B	fuse6AMP	15.03Y	125.2	0.00	0.78	0.53	9	7	3	92	0.00	0.0	2.163	0.000	0	0	0	3	
PL.10222	PD.1348	B	4ACSR	15.03Y	125.2	0.00	0.78	0.53	0	7	3	92	0.00	0.0	2.279	0.116	0	0	0	3	
PL.29572	PL.10222	B	4ACSR	15.03Y	125.2	0.00	0.78	0.18	0	3	1	95	0.00	0.0	2.359	0.080	0	0	0	2	
428505	PL.29572	B	Consumer	15.03Y	125.2	0.00	0.78	0.01	0	0	0	100	0.00	0.0	2.359	0.000	0	0	1	1	
428529	PL.29572	B	Consumer	15.03Y	125.2	0.00	0.78	0.17	0	2	1	89	0.00	0.0	2.359	0.000	2	1	1	1	
428528	PL.10222	B	Consumer	15.03Y	125.2	0.00	0.78	0.35	0	5	2	93	0.00	0.0	2.279	0.000	5	2	1	1	
429520	PL.6479	B	Consumer	15.03Y	125.2	0.00	0.76	1.12	0	16	6	94	0.00	0.0	2.036	0.000	16	6	1	1	
429504	PL.10167	B	Consumer	15.04Y	125.3	0.00	0.69	0.41	0	6	2	95	0.00	0.0	1.809	0.000	6	2	1	1	
PL.10161	PL.10160	C	4ACSR	15.02Y	125.2	0.00	0.82	0.02	0	0	0	100	0.00	0.0	0.916	0.008	0	0	0	1	
PD.1689	PL.10161	C	fuse6AMP	15.02Y	125.2	0.00	0.82	0.02	0	0	0	100	0.00	0.0	0.916	0.000	0	0	0	1	
PL.10162	PD.1689	C	4ACSR	15.02Y	125.2	0.00	0.82	0.02	0	0	0	100	0.00	0.0	0.966	0.049	0	0	0	1	
480615	PL.10162	C	Consumer	15.02Y	125.2	0.00	0.82	0.02	0	0	0	100	0.00	0.0	0.966	0.000	0	0	1	1	
PL.10157	PL.10154	A	4ACSR	15.05Y	125.4	0.00	0.61	3.06	3	43	16	94	0.00	0.0	0.743	0.004	0	0	0	7	
PD.1691	PL.10157	A	fuse6AMP	15.05Y	125.4	0.00	0.61	3.06	52	43	16	94	0.00	0.0	0.743	0.000	0	0	0	7	
PL.10158	PD.1691	A	4ACSR	15.05Y	125.4	0.00	0.61	3.06	3	43	16	94	0.00	0.0	0.813	0.069	0	0	0	7	
PL.2657	PL.10158	A	4ACSR	15.05Y	125.4	0.00	0.62	0.23	0	3	1	95	0.00	0.0	0.870	0.058	0	0	0	1	
480602	PL.2657	A	Consumer	15.05Y	125.4	0.00	0.62	0.23	0	3	1	95	0.00	0.0	0.870	0.000	3	1	1	1	
480620	PL.10158	A	Consumer	15.05Y	125.4	0.00	0.61	0.51	0	7	3	92	0.00	0.0	0.813	0.000	7	3	1	1	
PL.10159	PL.10158	A	4ACSR	15.05Y	125.4	0.00	0.62	2.32	2	33	12	94	0.00	0.0	0.871	0.059	0	0	0	5	
PL.7175	PL.10159	A	4ACSR	15.05Y	125.4	0.00	0.62	2.32	2	33	12	94	0.00	0.0	0.895	0.023	0	0	0	5	
480514	PL.7175	A	Consumer	15.05Y	125.4	0.00	0.62	0.41	0	6	2	95	0.00	0.0	0.895	0.000	6	2	1	1	
PL.7176	PL.7175	A	4ACSR	15.05Y	125.4	0.00	0.62	1.91	2	27	10	94	0.00	0.0	0.961	0.067	0	0	0	4	
PL.45828	PL.7176	A	2ACSR	15.05Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	1.024	0.063	0	0	0	0	
4805020	PL.45828	A	Consumer	15.05Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	1.024	0.000	0	0	0	0	
480510	PL.7176	A	Consumer	15.05Y	125.4	0.00	0.62	0.73	0	10	4	93	0.00	0.0	0.961	0.000	10	4	1	1	
480506	PL.7176	A	Consumer	15.05Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	0.961	0.000	0	0	0	0	
PL.3292	PL.7176	A	4ACSR	15.05Y	125.4	0.00	0.62	1.17	1	17	6	94	0.00	0.0	1.022	0.061	0	0	0	3	
PL.3293	PL.3292	A	4ACSR	15.04Y	125.4	0.00	0.63	1.17	1	17	6	94	0.00	0.0	1.113	0.091	0	0	0	3	
PL.3294	PL.3293	A	4ACSR	15.04Y	125.4	0.00	0.63	1.17	1	17	6	94	0.00	0.0	1.215	0.102	0	0	0	3	
PL.3295	PL.3294	A	4ACSR	15.04Y	125.4	0.00	0.63	0.58	0	8	3	94	0.00	0.0	1.262	0.048	0	0	0	2	
480512	PL.3295	A	Consumer	15.04Y	125.4	0.00	0.63	0.28	0	4	1	97	0.00	0.0	1.262	0.000	4	1	1	1	
480515	PL.3295	A	Consumer	15.04Y	125.4	0.00	0.63	0.31	0	4	2	89	0.00	0.0	1.262	0.000	4	2	1	1	
480505	PL.3294	A	Consumer	15.04Y	125.4	0.00	0.63	0.59	0	8	3	94	0.00	0.0	1.215	0.000	8	3	1	1	
PL.3291	PL.3293	A	4ACSR	15.04Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	1.196	0.084	0	0	0	0	
480516	PL.3291	A	Consumer	15.04Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	1.196	0.000	0	0	0	0	
PL.10155	PL.10154	C	4ACSR	15.03Y	125.3	0.00	0.73	0.53	0	7	3	92	0.00	0.0	0.747	0.008	0	0	0	1	
PD.1690	PL.10155	C	fuse6AMP	15.03Y	125.3	0.00	0.73	0.53	9	7	3	92	0.00	0.0	0.747	0.000	0	0	0	1	
PL.10156	PD.1690	C	4ACSR	15.03Y	125.3	0.00	0.73	0.53	0	7	3	92	0.00	0.0	0.800	0.053	0	0	0	1	

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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. 4 (SIDEVIEW4) beginning with device PD.3906.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.10147	PL.10149	B	4ACSR	7.52Y	125.3	0.00	0.72	0.00	0	0	0	100	0.00	0.0	0.427	0.013	0	0	0	0
PD.1615	PL.10147	B	fuse6AMP	7.52Y	125.3	0.00	0.72	0.00	0	0	0	100	0.00	0.0	0.427	0.000	0	0	0	0
PL.10146	PD.1615	B	4ACSR	7.52Y	125.3	0.00	0.72	0.00	0	0	0	100	0.00	0.0	0.466	0.039	0	0	0	0
PL.10150	PL.10149	A	4/0ACSR	7.53Y	125.5	0.03	0.48	76.99	27	542	205	94	0.34	0.0	0.443	0.029	0	0	0	122
		B		7.51Y	125.2	0.05	0.77	126.75	44	884	356	93			0	0	0	0	201	
		C		7.55Y	125.9	0.01	0.10	62.42	22	441	167	94			0	0	0	0	132	
481516	PL.10150	C	Consumer	7.55Y	125.9	0.00	0.10	0.30	0	2	1	89	0.00	0.0	0.443	0.000	2	1	1	1
481514	PL.10150	A	Consumer	7.53Y	125.5	0.00	0.48	0.02	0	0	0	100	0.00	0.0	0.443	0.000	0	0	0	0
		B		7.51Y	125.2	0.00	0.77	0.02	0	0	0	94			0	0	0	0	0	
		C		7.55Y	125.9	0.00	0.10	0.02	0	0	0	94			0	0	0	0	0	
PL.10148	PL.10150	A	4/0ACSR	7.53Y	125.5	0.04	0.52	76.97	27	542	205	94	0.39	0.0	0.477	0.034	0	0	0	122
		B		7.51Y	125.2	0.06	0.83	126.73	44	883	355	93			0	0	0	0	201	
		C		7.55Y	125.9	0.01	0.10	61.54	22	435	165	94			0	0	0	0	130	
PL.10144	PL.10148	A	4/0ACSR	7.52Y	125.4	0.08	0.59	76.97	27	542	205	94	0.81	0.0	0.546	0.069	0	0	0	122
		B		7.50Y	125.1	0.12	0.94	126.73	44	883	355	93			0	0	0	0	201	
		C		7.55Y	125.9	0.01	0.12	61.54	22	435	165	94			0	0	0	0	130	
PL.20627	PL.10144	A	4ACSR	7.52Y	125.4	0.00	0.59	0.54	0	4	1	97	0.00	0.0	0.598	0.052	0	0	0	1
481520	PL.20627	A	Consumer	7.52Y	125.4	0.00	0.59	0.54	0	4	1	97	0.00	0.0	0.598	0.000	4	1	1	1
PL.20628	PL.20627	A	4ACSR	7.52Y	125.4	0.00	0.59	0.00	0	0	0	100	0.00	0.0	0.633	0.035	0	0	0	0
481521	PL.20628	A	Consumer	7.52Y	125.4	0.00	0.59	0.00	0	0	0	100	0.00	0.0	0.633	0.000	0	0	0	0
PL.10145	PL.10144	A	4/0ACSR	7.52Y	125.4	0.04	0.63	76.43	27	538	203	94	0.41	0.0	0.581	0.035	0	0	0	121
		B		7.50Y	125.0	0.06	1.00	126.73	44	883	354	93			0	0	0	0	201	
		C		7.55Y	125.9	0.01	0.13	61.54	22	435	165	94			0	0	0	0	130	
PL.10142	PL.10145	A	4/0ACSR	7.52Y	125.3	0.04	0.67	76.43	27	538	203	94	0.46	0.0	0.620	0.040	0	0	0	121
		B		7.50Y	124.9	0.07	1.07	126.73	44	882	353	93			0	0	0	0	201	
		C		7.55Y	125.9	0.01	0.13	61.54	22	435	165	94			0	0	0	0	130	
PL.23956	PL.10142	A	4ACSR	7.52Y	125.3	0.00	0.68	1.61	1	11	4	94	0.00	0.0	0.651	0.031	0	0	0	2
481517	PL.23956	A	Consumer	7.52Y	125.3	0.00	0.68	0.75	0	5	2	93	0.00	0.0	0.651	0.000	5	2	1	1
PL.23960	PL.23956	A	4ACSR	7.52Y	125.3	0.00	0.68	0.86	1	6	2	95	0.00	0.0	0.710	0.059	0	0	0	1
481518	PL.23960	A	Consumer	7.52Y	125.3	0.00	0.68	0.86	0	6	2	95	0.00	0.0	0.710	0.000	6	2	1	1
PL.36676	PL.10142	A	4/0ACSR	7.52Y	125.3	0.01	0.69	74.82	26	526	199	94	0.15	0.0	0.633	0.013	0	0	0	119
		B		7.49Y	124.9	0.02	1.09	126.73	44	882	352	93			0	0	0	0	201	
		C		7.55Y	125.9	0.00	0.14	61.54	22	435	164	94			0	0	0	0	130	
4815024	PL.36676	B	Consumer	7.49Y	124.9	0.00	1.09	0.47	0	3	1	95	0.00	0.0	0.633	0.000	3	1	1	1
PL.36677	PL.36676	A	4/0ACSR	7.52Y	125.3	0.02	0.71	74.82	26	526	199	94	0.21	0.0	0.652	0.018	0	0	0	119
		B		7.49Y	124.9	0.03	1.13	126.26	44	879	351	93			0	0	0	0	200	
		C		7.55Y	125.9	0.00	0.14	61.54	22	435	164	94			0	0	0	0	130	
PL.36675	PL.36677	A	4/0ACSR	7.52Y	125.3	0.04	0.75	74.82	26	526	199	94	0.44	0.0	0.690	0.038	0	0	0	119
		B		7.49Y	124.8	0.07	1.19	125.45	44	873	349	93			0	0	0	0	199	
		C		7.55Y	125.9	0.01	0.15	61.54	22	435	164	94			0	0	0	0	130	
PL.10138	PL.36675	B	4ACSR	7.49Y	124.8	0.00	1.19	1.10	1	8	3	94	0.00	0.0	0.701	0.011	0	0	0	1
PD.1618	PL.10138	B	fuse6AMP	7.49Y	124.8	0.00	1.19	1.10	19	8	3	94	0.00	0.0	0.701	0.000	0	0	0	1
PL.10139	PD.1618	B	4ACSR	7.49Y	124.8	0.01	1.20	1.10	1	8	3	94	0.00	0.0	0.806	0.105	0	0	0	1
481507	PL.10139	B	Consumer	7.49Y	124.8	0.00	1.20	1.10	0	8	3	94	0.00	0.0	0.806	0.000	8	3	1	1
PL.10140	PL.36675	A	4ACSR	7.52Y	125.3	0.00	0.75	0.00	0	0	0	100	0.00	0.0	0.700	0.011	0	0	0	0
PD.1616	PL.10140	A	fuse6AMP	7.52Y	125.3	0.00	0.75	0.00	0	0	0	100	0.00	0.0	0.700	0.000	0	0	0	0
PL.10141	PD.1616	A	4ACSR	7.52Y	125.3	0.00	0.75	0.00	0	0	0	100	0.00	0.0	0.785	0.084	0	0	0	0

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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 481506, PL.3112, 482504, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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 481412, 481407, PL.10049, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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.26964, PL.14895, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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.23494, PL.10780, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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 484316	PL.7189	B	Consumer	7.07Y	117.8	0.00	8.19	1.78	0	12	4	95	0.00	0.0	6.459	0.000	12	4	1	1	L
L 484208	PL.10502	B	Consumer	7.07Y	117.9	0.00	8.15	1.01	0	7	2	96	0.00	0.0	6.305	0.000	7	2	1	1	L
L PL.10503	PL.10502	B	4ACSR	7.07Y	117.8	0.09	8.23	3.33	3	22	8	94	0.02	0.1	6.874	0.569	0	0	0	4	L
L PL.10774	PL.10503	B	4ACSR	7.07Y	117.8	0.00	8.23	0.00	0	0	0	100	0.00	0.0	7.115	0.241	0	0	0	1	L
L 483202	PL.10774	B	Consumer	7.07Y	117.8	0.00	8.23	0.00	0	0	0	100	0.00	0.0	7.115	0.000	0	0	1	1	L
L PL.23486	PL.10503	B	4ACSR	7.07Y	117.8	0.00	8.24	1.31	1	9	3	95	0.00	0.0	6.921	0.047	0	0	0	1	L
L 484211	PL.23486	B	Consumer	7.07Y	117.8	0.00	8.24	1.31	0	9	3	95	0.00	0.0	6.921	0.000	9	3	1	1	L
L PL.23485	PL.10503	B	4ACSR	7.07Y	117.8	0.01	8.24	1.42	1	9	3	95	0.00	0.0	7.013	0.139	0	0	0	1	L
L 484204	PL.23485	B	Consumer	7.07Y	117.8	0.00	8.24	1.42	0	9	3	95	0.00	0.0	7.013	0.000	9	3	1	1	L
L PL.23484	PL.10503	B	4ACSR	7.07Y	117.8	0.00	8.23	0.60	1	4	1	97	0.00	0.0	6.946	0.073	0	0	0	1	L
L 484213	PL.23484	B	Consumer	7.07Y	117.8	0.00	8.23	0.60	0	4	1	97	0.00	0.0	6.946	0.000	4	1	1	1	L
L PL.27673	PL.10502	B	4ACSR	7.07Y	117.8	0.01	8.16	6.06	5	40	15	94	0.00	0.0	6.354	0.049	0	0	0	5	L
L PL.27674	PL.27673	B	4ACSR	7.07Y	117.8	0.01	8.17	4.70	4	31	11	94	0.00	0.0	6.406	0.052	0	0	0	4	L
L 484202	PL.27674	B	Consumer	7.07Y	117.8	0.00	8.17	1.44	0	10	3	96	0.00	0.0	6.406	0.000	10	3	1	1	L
L PL.7188	PL.27674	B	4ACSR	7.07Y	117.8	0.02	8.19	3.26	3	22	8	94	0.00	0.0	6.569	0.163	0	0	0	3	L
L 484205	PL.7188	B	Consumer	7.07Y	117.8	0.00	8.19	0.93	0	6	2	95	0.00	0.0	6.569	0.000	6	2	1	1	L
L PL.7186	PL.7188	B	4ACSR	7.07Y	117.8	0.01	8.20	2.33	2	15	6	93	0.00	0.0	6.631	0.062	0	0	0	2	L
L PL.7185	PL.7186	B	4ACSR	7.07Y	117.8	0.00	8.20	1.14	1	8	3	94	0.00	0.0	6.693	0.062	0	0	0	1	L
L 484206	PL.7185	B	Consumer	7.07Y	117.8	0.00	8.20	1.14	0	8	3	94	0.00	0.0	6.693	0.000	8	3	1	1	L
L 484210	PL.7186	B	Consumer	7.07Y	117.8	0.00	8.20	1.19	0	8	3	94	0.00	0.0	6.631	0.000	8	3	1	1	L
L 484212	PL.27673	B	Consumer	7.07Y	117.8	0.00	8.16	1.36	0	9	3	95	0.00	0.0	6.354	0.000	9	3	1	1	L
PL.10498	PL.10497	A	336ACSR	7.28Y	121.4	0.01	4.61	15.70	4	107	39	94	0.00	0.0	5.873	0.037	0	0	0	23	
		B		7.09Y	118.2	0.00	7.79	10.94	2	73	27	94					0	0	0	13	
		C		7.54Y	125.6	0.00	0.37	3.30	1	23	9	94					0	0	0	7	
PL.12130	PL.10498	A	4ACSR	7.28Y	121.4	0.00	4.61	1.26	1	9	3	95	0.00	0.0	5.883	0.010	0	0	0	1	
PD.1634	PL.12130	A	fuse6AMP	7.28Y	121.4	0.00	4.61	1.26	21	9	3	95	0.00	0.0	5.883	0.000	0	0	0	1	
PL.45733	PD.1634	A	4ACSR	7.28Y	121.4	0.01	4.62	1.26	1	9	3	95	0.00	0.0	5.985	0.101	0	0	0	1	
4843033	PL.45733	A	Consumer	7.28Y	121.4	0.00	4.62	0.00	0	0	0	100	0.00	0.0	5.985	0.000	0	0	0	0	
PL.45734	PL.45733	A	4ACSR	7.28Y	121.4	0.01	4.62	1.26	1	9	3	95	0.00	0.0	6.090	0.106	0	0	0	1	
484320	PL.45734	A	Consumer	7.28Y	121.4	0.00	4.62	1.26	0	9	3	95	0.00	0.0	6.090	0.000	9	3	1	1	
PL.10496	PL.10498	A	336ACSR	7.28Y	121.4	0.01	4.62	14.44	3	99	36	94	0.01	0.0	5.950	0.076	0	0	0	22	
		B		7.09Y	118.2	0.00	7.80	10.94	2	73	27	94					0	0	0	13	
		C		7.54Y	125.6	0.00	0.37	3.30	1	23	9	94					0	0	0	7	
484317	PL.10496	B	Consumer	7.09Y	118.2	0.00	7.80	1.62	0	11	4	94	0.00	0.0	5.950	0.000	11	4	1	1	
PL.10495	PL.10496	A	336ACSR	7.28Y	121.4	0.01	4.64	14.44	3	99	36	94	0.01	0.0	6.034	0.085	0	0	0	22	
		B		7.09Y	118.2	0.00	7.80	9.32	2	62	23	94					0	0	0	12	
		C		7.54Y	125.6	0.00	0.37	3.30	1	23	9	94					0	0	0	7	
PL.2486	PL.10495	B	4ACSR	7.09Y	118.2	0.02	7.82	2.86	2	19	7	94	0.00	0.0	6.187	0.152	0	0	0	3	
PL.2487	PL.2486	B	4ACSR	7.09Y	118.2	0.02	7.84	2.86	2	19	7	94	0.00	0.0	6.330	0.143	0	0	0	3	
484326	PL.2487	B	Consumer	7.09Y	118.2	0.00	7.84	1.92	0	13	5	93	0.00	0.0	6.330	0.000	13	5	1	1	
4843030	PL.2487	B	Consumer	7.09Y	118.2	0.00	7.84	0.00	0	0	0	100	0.00	0.0	6.330	0.000	0	0	1	1	

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
484321	PL.2487	B	Consumer	7.09Y	118.2	0.00	7.84	0.95	0	6	2	95	0.00	0.0	6.330	0.000	6	2	1	1
PL.10494	PL.10495	A	336ACSR	7.28Y	121.4	0.01	4.65	14.44	3	99	36	94	0.00	0.0	6.085	0.051	0	0	0	22
		B		7.09Y	118.2	-0.00	7.80	6.46	1	43	16	94					0	0	0	9
		C		7.54Y	125.6	0.00	0.37	3.30	1	23	9	94					0	0	0	7
484319	PL.10494	B	Consumer	7.09Y	118.2	0.00	7.80	0.70	0	5	2	93	0.00	0.0	6.085	0.000	5	2	1	1
PL.10773	PL.10494	A	336ACSR	7.28Y	121.3	0.01	4.66	14.44	3	99	36	94	0.00	0.0	6.143	0.058	0	0	0	22
		B		7.09Y	118.2	-0.00	7.80	5.76	1	38	14	94					0	0	0	8
		C		7.54Y	125.6	0.00	0.37	3.30	1	23	9	94					0	0	0	7
PL.10772	PL.10773	A	336ACSR	7.28Y	121.3	0.01	4.67	14.44	3	99	36	94	0.01	0.0	6.230	0.087	0	0	0	22
		B		7.09Y	118.2	-0.01	7.79	2.63	1	18	6	94					0	0	0	6
		C		7.54Y	125.6	0.01	0.38	3.30	1	23	9	94					0	0	0	7
PL.7184	PL.10772	A	4ACSR	7.28Y	121.3	0.04	4.71	12.76	11	87	32	94	0.03	0.0	6.307	0.077	0	0	0	21
		B		7.09Y	118.2	-0.00	7.79	2.63	2	18	6	94					0	0	0	6
		C		7.54Y	125.6	0.01	0.39	3.30	3	23	9	94					0	0	0	7
PL.10770	PL.7184	A	4ACSR	7.27Y	121.2	0.07	4.79	12.76	11	87	32	94	0.05	0.0	6.441	0.135	0	0	0	21
		B		7.09Y	118.2	-0.01	7.79	1.66	1	11	4	94					0	0	0	4
		C		7.54Y	125.6	0.02	0.42	3.30	3	23	9	94					0	0	0	7
PL.18516	PL.10770	C	4ACSR	7.53Y	125.6	0.00	0.42	1.23	1	9	3	95	0.00	0.0	6.452	0.011	0	0	0	3
PD.1631	PL.18516	C	fuse6AMP	7.53Y	125.6	0.00	0.42	1.23	21	9	3	95	0.00	0.0	6.452	0.000	0	0	0	3
PL.18517	PD.1631	C	4ACSR	7.53Y	125.6	0.00	0.42	1.23	1	9	3	95	0.00	0.0	6.517	0.065	0	0	0	3
484328	PL.18517	C	Consumer	7.53Y	125.6	0.00	0.42	1.23	0	9	3	95	0.00	0.0	6.517	0.000	9	3	1	1
PL.7192	PL.18517	C	4ACSR	7.53Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	6.755	0.239	0	0	0	2
PL.23483	PL.7192	C	4ACSR	7.53Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	6.865	0.110	0	0	0	2
PL.7182	PL.23483	C	4ACSR	7.53Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	6.975	0.110	0	0	0	2
PL.7183	PL.7182	C	4ACSR	7.53Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	7.135	0.160	0	0	0	1
484203	PL.7183	C	Consumer	7.53Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	7.135	0.000	0	0	1	1
484201	PL.7182	C	Consumer	7.53Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	6.975	0.000	0	0	1	1
PL.15654	PL.10770	B	4ACSR	7.09Y	118.2	0.00	7.79	1.66	1	11	4	94	0.00	0.0	6.452	0.010	0	0	0	3
PD.1632	PL.15654	B	fuse6AMP	7.09Y	118.2	0.00	7.79	1.66	28	11	4	94	0.00	0.0	6.452	0.000	0	0	0	3
PL.15655	PD.1632	B	4ACSR	7.09Y	118.2	0.01	7.80	1.66	1	11	4	94	0.00	0.0	6.567	0.115	0	0	0	3
PL.7181	PL.15655	B	4ACSR	7.09Y	118.2	0.01	7.80	1.66	1	11	4	94	0.00	0.0	6.638	0.072	0	0	0	2
484307	PL.7181	B	Consumer	7.09Y	118.2	0.00	7.80	0.00	0	0	0	100	0.00	0.0	6.638	0.000	0	0	1	1
PL.7195	PL.7181	B	4ACSR	7.09Y	118.2	0.01	7.81	1.66	1	11	4	94	0.00	0.0	6.756	0.118	0	0	0	1
484329	PL.7195	B	Consumer	7.09Y	118.2	0.00	7.81	1.66	0	11	4	94	0.00	0.0	6.756	0.000	11	4	1	1
PL.7196	PL.7195	B	4ACSR	7.09Y	118.2	0.00	7.81	0.00	0	0	0	100	0.00	0.0	6.757	0.001	0	0	0	0
484314	PL.15655	B	Consumer	7.09Y	118.2	0.00	7.80	0.00	0	0	0	100	0.00	0.0	6.567	0.000	0	0	1	1
PL.2490	PL.10770	B	4ACSR	7.09Y	118.2	0.00	7.79	0.00	0	0	0	100	0.00	0.0	6.637	0.195	0	0	0	1
485311	PL.2490	B	Consumer	7.09Y	118.2	0.00	7.79	0.00	0	0	0	100	0.00	0.0	6.637	0.000	0	0	1	1
PL.10771	PL.10770	A	4ACSR	7.27Y	121.1	0.08	4.87	12.76	11	87	32	94	0.06	0.1	6.584	0.143	0	0	0	21
		B		7.09Y	118.2	-0.02	7.77	0.00	0	0	0	100					0	0	0	0
		C		7.53Y	125.6	0.02	0.44	2.07	2	15	5	94					0	0	0	4
PL.15656	PL.10771	C	4ACSR	7.53Y	125.6	0.00	0.44	0.96	1	7	2	96	0.00	0.0	6.600	0.016	0	0	0	1
PD.1633	PL.15656	C	fuse6AMP	7.53Y	125.6	0.00	0.44	0.96	16	7	2	96	0.00	0.0	6.600	0.000	0	0	0	1
PL.15657	PD.1633	C	4ACSR	7.53Y	125.6	0.00	0.44	0.96	1	7	2	96	0.00	0.0	6.643	0.043	0	0	0	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.7180	PL.15657	C	4ACSR	7.53Y	125.6	0.00	0.44	0.96	1	7	2	96	0.00	0.0	6.644	0.001	0	0	0	1
PL.23961	PL.7180	C	4ACSR	7.53Y	125.6	0.00	0.44	0.96	1	7	2	96	0.00	0.0	6.746	0.103	0	0	0	1
PL.30770	PL.23961	C	4ACSR	7.53Y	125.6	0.00	0.44	0.96	1	7	2	96	0.00	0.0	6.779	0.032	0	0	0	1
4843031	PL.30770	C	Consumer	7.53Y	125.6	0.00	0.44	0.96	0	7	2	96	0.00	0.0	6.779	0.000	7	2	1	1
484305	PL.15657	C	Consumer	7.53Y	125.6	0.00	0.44	0.00	0	0	0	100	0.00	0.0	6.643	0.000	0	0	0	0
PL.10769	PL.10771	A	4ACSR	7.27Y	121.1	0.01	4.88	12.76	11	87	32	94	0.01	0.0	6.604	0.020	0	0	0	21
		B		7.09Y	118.2	-0.00	7.76	0.00	0	0	0	100					0	0	0	0
		C		7.53Y	125.6	0.00	0.44	1.11	1	8	3	94					0	0	0	3
PL.23962	PL.10769	A	4ACSR	7.27Y	121.1	0.00	4.88	12.76	11	87	32	94	0.00	0.0	6.604	0.000	0	0	0	21
		B		7.09Y	118.2	0.00	7.76	0.00	0	0	0	100					0	0	0	0
		C		7.53Y	125.6	0.00	0.44	1.11	1	8	3	94					0	0	0	3
PL.183	PL.23962	A	4ACSR	7.26Y	121.0	0.15	5.03	12.76	11	87	32	94	0.10	0.1	6.874	0.271	0	0	0	21
		B		7.10Y	118.3	-0.04	7.73	0.00	0	0	0	100					0	0	0	0
		C		7.53Y	125.5	0.03	0.46	1.11	1	8	3	94					0	0	0	3
PL.39511	PL.183	A	4ACSR	7.26Y	120.9	0.02	5.05	12.76	11	87	32	94	0.01	0.0	6.905	0.031	0	0	0	21
PD.3560	PL.39511	A	25L	7.26Y	120.9	0.00	5.05	12.76	51	87	32	94	0.00	0.0	6.905	0.000	0	0	0	21
PL.39512	PD.3560	A	4ACSR	7.25Y	120.9	0.08	5.13	12.76	11	87	32	94	0.05	0.1	7.037	0.131	0	0	0	21
PL.10762	PL.39512	A	4ACSR	7.25Y	120.9	0.01	5.13	1.30	1	9	3	95	0.00	0.0	7.128	0.091	0	0	0	2
PL.10763	PL.10762	A	4ACSR	7.25Y	120.9	0.00	5.14	0.87	1	6	2	95	0.00	0.0	7.243	0.116	0	0	0	1
485319	PL.10763	A	Consumer	7.25Y	120.9	0.00	5.14	0.87	0	6	2	95	0.00	0.0	7.243	0.000	6	2	1	1
485302	PL.10762	A	Consumer	7.25Y	120.9	0.00	5.13	0.43	0	3	1	95	0.00	0.0	7.128	0.000	3	1	1	1
PL.10761	PL.39512	A	4ACSR	7.25Y	120.8	0.03	5.15	11.46	10	78	29	94	0.02	0.0	7.085	0.048	0	0	0	19
PL.10758	PL.10761	A	4ACSR	7.25Y	120.8	0.05	5.21	11.46	10	78	29	94	0.03	0.0	7.186	0.101	0	0	0	19
PL.10759	PL.10758	A	4ACSR	7.25Y	120.8	0.04	5.24	11.15	9	76	28	94	0.02	0.0	7.264	0.077	0	0	0	18
PL.184	PL.10759	A	4ACSR	7.24Y	120.7	0.08	5.33	11.12	9	76	28	94	0.05	0.1	7.423	0.159	0	0	0	17
PL.12134	PL.184	A	4ACSR	7.24Y	120.7	0.00	5.33	0.04	0	0	0	100	0.00	0.0	7.451	0.028	0	0	0	2
PD.1675	PL.12134	A	fuse6AMP	7.24Y	120.7	0.00	5.33	0.04	1	0	0	100	0.00	0.0	7.451	0.000	0	0	0	2
PL.12135	PD.1675	A	4ACSR	7.24Y	120.7	0.00	5.33	0.04	0	0	0	100	0.00	0.0	7.548	0.098	0	0	0	2
PL.24990	PL.12135	A	4ACSR	7.24Y	120.7	0.00	5.33	0.04	0	0	0	100	0.00	0.0	7.935	0.387	0	0	0	2
486202	PL.24990	A	Consumer	7.24Y	120.7	0.00	5.33	0.00	0	0	0	100	0.00	0.0	7.935	0.000	0	0	1	1
PL.24991	PL.24990	A	4ACSR	7.24Y	120.7	-0.00	5.33	0.04	0	0	0	100	0.00	0.0	7.938	0.002	0	0	0	1
PL.24184	PL.24991	A	4ACSR	7.24Y	120.7	0.00	5.33	0.04	0	0	0	100	0.00	0.0	8.141	0.204	0	0	0	1
486201	PL.24184	A	Consumer	7.24Y	120.7	0.00	5.33	0.04	0	0	0	100	0.00	0.0	8.141	0.000	0	0	1	1
PL.24187	PL.12135	A	4ACSR	7.24Y	120.7	0.00	5.33	0.00	0	0	0	100	0.00	0.0	7.677	0.128	0	0	0	0
PL.12138	PL.184	A	4ACSR	7.23Y	120.5	0.14	5.46	11.08	9	75	28	94	0.08	0.1	7.691	0.268	0	0	0	15
PL.12139	PL.12138	A	4ACSR	7.23Y	120.5	0.06	5.52	10.49	9	71	26	94	0.03	0.0	7.816	0.125	0	0	0	14
PD.462-A	PL.12139	A	Closed	7.23Y	120.5	0.00	5.52	10.49	0	71	26	94	0.00	0.0	7.816	0.000	0	0	0	14
PD.462-B	PD.462-A	A	Closed	7.23Y	120.5	0.00	5.52	10.49	0	71	26	94	0.00	0.0	7.816	0.000	0	0	0	14
PL.12136	PD.462-B	A	4ACSR	7.23Y	120.5	0.01	5.53	10.49	9	71	26	94	0.00	0.0	7.832	0.016	0	0	0	14
PL.24185	PL.12136	A	4ACSR	7.23Y	120.5	0.00	5.53	1.02	1	7	3	92	0.00	0.0	7.912	0.081	0	0	0	2
PL.24186	PL.24185	A	4ACSR	7.23Y	120.5	0.00	5.53	0.00	0	0	0	100	0.00	0.0	8.077	0.165	0	0	0	0

Unbalanced Voltage Drop Report
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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
486304	PL.24186	A	Consumer	7.23Y	120.5	0.00	5.53	0.00	0	0	0	100	0.00	0.0	8.077	0.000	0	0	0	0
486307	PL.24185	A	Consumer	7.23Y	120.5	0.00	5.53	0.10	0	1	0	100	0.00	0.0	7.912	0.000	1	0	1	1
486301	PL.24185	A	Consumer	7.23Y	120.5	0.00	5.53	0.92	0	6	2	95	0.00	0.0	7.912	0.000	6	2	1	1
PL.12137	PL.12136	A	4ACSR	7.23Y	120.4	0.02	5.55	4.59	4	31	11	94	0.01	0.0	7.940	0.108	0	0	0	8
PL.12144	PL.12137	A	4ACSR	7.23Y	120.4	0.01	5.57	3.50	3	24	9	94	0.00	0.0	8.031	0.091	0	0	0	7
PL.24985	PL.12144	A	4ACSR	7.23Y	120.4	0.00	5.57	0.00	0	0	0	100	0.00	0.0	8.101	0.070	0	0	0	0
486306	PL.24985	A	Consumer	7.23Y	120.4	0.00	5.57	0.00	0	0	0	100	0.00	0.0	8.101	0.000	0	0	0	0
PL.24986	PL.24985	A	4ACSR	7.23Y	120.4	0.00	5.57	0.00	0	0	0	100	0.00	0.0	8.141	0.040	0	0	0	0
PL.12145	PL.12144	A	4ACSR	7.23Y	120.4	0.01	5.57	2.56	2	17	6	94	0.00	0.0	8.074	0.044	0	0	0	5
486309	PL.12145	A	Consumer	7.23Y	120.4	0.00	5.57	1.30	0	9	3	95	0.00	0.0	8.074	0.000	9	3	1	1
PL.24989	PL.12145	A	4ACSR	7.22Y	120.4	0.01	5.59	1.26	1	9	3	95	0.00	0.0	8.333	0.259	0	0	0	4
PL.185	PL.24989	A	4ACSR	7.22Y	120.4	0.00	5.59	1.26	1	9	3	95	0.00	0.0	8.396	0.063	0	0	0	4
PL.12141	PL.185	A	4ACSR	7.22Y	120.4	0.00	5.59	0.00	0	0	0	100	0.00	0.0	8.407	0.011	0	0	0	0
PD.463-B	PL.12141	A	Open	7.22Y	120.4	0.00	5.59	0.00	0	0	0	100	0.00	0.0	8.407	0.000	0	0	0	0
PL.24994	PL.185	A	4ACSR	7.22Y	120.4	0.01	5.60	1.26	1	9	3	95	0.00	0.0	8.544	0.148	0	0	0	4
PL.10749	PL.24994	A	4ACSR	7.22Y	120.4	0.00	5.60	1.08	1	7	3	92	0.00	0.0	8.575	0.031	0	0	0	3
PL.3344	PL.10749	A	4ACSR	7.22Y	120.4	0.01	5.61	1.08	1	7	3	92	0.00	0.0	8.685	0.109	0	0	0	2
PL.3346	PL.3344	A	4ACSR	7.22Y	120.4	0.00	5.61	0.11	0	1	0	100	0.00	0.0	8.733	0.048	0	0	0	1
PL.3347	PL.3346	A	4ACSR	7.22Y	120.4	0.00	5.61	0.11	0	1	0	100	0.00	0.0	8.805	0.071	0	0	0	1
486404	PL.3347	A	Consumer	7.22Y	120.4	0.00	5.61	0.11	0	1	0	100	0.00	0.0	8.805	0.000	1	0	1	1
PL.3345	PL.3344	A	4ACSR	7.22Y	120.4	0.00	5.61	0.97	1	7	2	96	0.00	0.0	8.719	0.034	0	0	0	1
486403	PL.3345	A	Consumer	7.22Y	120.4	0.00	5.61	0.97	0	7	2	96	0.00	0.0	8.719	0.000	7	2	1	1
PL.10750	PL.10749	A	4ACSR	7.22Y	120.4	0.00	5.60	0.00	0	0	0	100	0.00	0.0	9.317	0.742	0	0	0	1
PL.39374	PL.10750	A	4ACSR	7.22Y	120.4	0.00	5.60	0.00	0	0	0	100	0.00	0.0	9.323	0.006	0	0	0	0
PD.7086-A	PL.39374	A	Closed	7.22Y	120.4	0.00	5.60	0.00	0	0	0	100	0.00	0.0	9.323	0.000	0	0	0	0
PD.7086-B	PD.7086-A	A	Closed	7.22Y	120.4	0.00	5.60	0.00	0	0	0	100	0.00	0.0	9.323	0.000	0	0	0	0
PL.39375	PD.7086-B	A	4ACSR	7.22Y	120.4	0.00	5.60	0.00	0	0	0	100	0.00	0.0	9.697	0.374	0	0	0	0
PD.464-B	PL.39375	A	Open	7.22Y	120.4	0.00	5.60	0.00	0	0	0	100	0.00	0.0	9.697	0.000	0	0	0	0
PL.39376	PL.10750	A	4ACSR	7.22Y	120.4	0.00	5.60	0.00	0	0	0	100	0.00	0.0	9.324	0.007	0	0	0	1
PD.7087	PL.39376	A	fuse6AMP	7.22Y	120.4	0.00	5.60	0.00	0	0	0	100	0.00	0.0	9.324	0.000	0	0	0	1
PL.39377	PD.7087	A	4ACSR	7.22Y	120.4	0.00	5.60	0.00	0	0	0	100	0.00	0.0	9.448	0.124	0	0	0	1
486405	PL.39377	A	Consumer	7.22Y	120.4	0.00	5.60	0.00	0	0	0	100	0.00	0.0	9.448	0.000	0	0	1	1
485404	PL.24994	A	Consumer	7.22Y	120.4	0.00	5.60	0.18	0	1	0	100	0.00	0.0	8.544	0.000	1	0	1	1
486302	PL.12144	A	Consumer	7.23Y	120.4	0.00	5.57	0.93	0	6	2	95	0.00	0.0	8.031	0.000	6	2	1	1
486308	PL.12144	A	Consumer	7.23Y	120.4	0.00	5.57	0.01	0	0	0	100	0.00	0.0	8.031	0.000	0	0	1	1
486311	PL.12137	A	Consumer	7.23Y	120.4	0.00	5.55	1.08	0	7	3	92	0.00	0.0	7.940	0.000	7	3	1	1
PL.24193	PL.12136	A	4ACSR	7.23Y	120.5	0.01	5.54	2.98	3	20	7	94	0.00	0.0	7.920	0.088	0	0	0	3
PL.12142	PL.24193	A	4ACSR	7.23Y	120.5	0.01	5.55	2.98	3	20	7	94	0.00	0.0	7.961	0.042	0	0	0	3

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.12143	PL.12142	A	4ACSR	7.23Y	120.4	0.01	5.55	0.82	1	6	2	95	0.00	0.0	8.140	0.179	0	0	0	1
485330	PL.12143	A	Consumer	7.23Y	120.4	0.00	5.55	0.82	0	6	2	95	0.00	0.0	8.140	0.000	6	2	1	1
PL.24194	PL.12142	A	4ACSR	7.23Y	120.4	0.01	5.55	2.16	2	15	5	95	0.00	0.0	8.015	0.054	0	0	0	2
485325	PL.24194	A	Consumer	7.23Y	120.4	0.00	5.55	2.16	0	15	5	95	0.00	0.0	8.015	0.000	15	5	1	1
PL.33071	PL.24194	A	4ACSR	7.23Y	120.4	0.00	5.55	0.00	0	0	0	100	0.00	0.0	8.077	0.061	0	0	0	1
4853031	PL.33071	A	Consumer	7.23Y	120.4	0.00	5.55	0.00	0	0	0	100	0.00	0.0	8.077	0.000	0	0	1	1
PL.24191	PL.12136	A	4ACSR	7.23Y	120.5	0.00	5.53	1.90	2	13	5	93	0.00	0.0	7.885	0.054	0	0	0	1
486310	PL.24191	A	Consumer	7.23Y	120.5	0.00	5.53	1.90	0	13	5	93	0.00	0.0	7.885	0.000	13	5	1	1
PL.24188	PL.12138	A	4ACSR	7.23Y	120.5	0.00	5.46	0.59	0	4	1	97	0.00	0.0	7.780	0.090	0	0	0	1
485307	PL.24188	A	Consumer	7.23Y	120.5	0.00	5.46	0.59	0	4	1	97	0.00	0.0	7.780	0.000	4	1	1	1
PL.12132	PL.10759	A	4ACSR	7.25Y	120.8	0.00	5.25	0.03	0	0	0	100	0.00	0.0	7.281	0.018	0	0	0	1
PD.1674	PL.12132	A	fuse6AMP	7.25Y	120.8	0.00	5.25	0.03	1	0	0	100	0.00	0.0	7.281	0.000	0	0	0	1
PL.12133	PD.1674	A	4ACSR	7.25Y	120.8	0.00	5.25	0.03	0	0	0	100	0.00	0.0	7.494	0.212	0	0	0	1
PL.24189	PL.12133	A	4ACSR	7.25Y	120.8	0.00	5.25	0.03	0	0	0	100	0.00	0.0	7.551	0.057	0	0	0	1
485313	PL.24189	A	Consumer	7.25Y	120.8	0.00	5.25	0.03	0	0	0	100	0.00	0.0	7.551	0.000	0	0	1	1
PL.10757	PL.12133	A	4ACSR	7.25Y	120.8	0.00	5.25	0.00	0	0	0	100	0.00	0.0	7.624	0.130	0	0	0	0
PL.41482	PL.10757	A	4ACSR	7.25Y	120.8	0.00	5.25	0.00	0	0	0	100	0.00	0.0	8.079	0.455	0	0	0	0
PD.7451-A	PL.41482	A	Open	7.25Y	120.8	0.00	5.25	0.00	0	0	0	100	0.00	0.0	8.079	0.000	0	0	0	0
PL.24190	PL.10758	A	4ACSR	7.25Y	120.8	0.00	5.21	0.30	0	2	1	89	0.00	0.0	7.266	0.080	0	0	0	1
485305	PL.24190	A	Consumer	7.25Y	120.8	0.00	5.21	0.30	0	2	1	89	0.00	0.0	7.266	0.000	2	1	1	1
PL.15658	PL.183	A	4ACSR	7.26Y	121.0	-0.00	5.03	0.00	0	0	0	100	0.00	0.0	6.891	0.016	0	0	0	0
		B		7.10Y	118.3	0.00	7.73	0.00	0	0	0	100			0	0	0	0	0	
		C		7.53Y	125.5	0.00	0.47	1.11	1	8	3	94			0	0	0	0	3	
PL.21406	PL.15658	A	4ACSR	7.26Y	121.0	-0.00	5.03	0.00	0	0	0	100	0.00	0.0	6.978	0.087	0	0	0	0
		B		7.10Y	118.3	0.00	7.73	0.00	0	0	0	100			0	0	0	0	0	
		C		7.53Y	125.5	0.00	0.47	1.11	1	8	3	94			0	0	0	0	3	
PL.22547	PL.21406	C	4ACSR	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.253	0.275	0	0	0	2
PL.10764	PL.22547	C	4ACSR	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.355	0.102	0	0	0	2
PL.10765	PL.10764	C	4ACSR	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.415	0.060	0	0	0	1
PL.10766	PL.10765	C	4ACSR	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.712	0.296	0	0	0	1
PL.23983	PL.10766	C	4ACSR	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.770	0.058	0	0	0	1
485206	PL.23983	C	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.770	0.000	0	0	1	1
485202	PL.23983	C	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.770	0.000	0	0	0	0
PL.10767	PL.10766	C	4ACSR	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.888	0.176	0	0	0	0
PL.10768	PL.10767	C	4ACSR	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.905	0.017	0	0	0	0
485201	PL.10768	C	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.905	0.000	0	0	0	0
PL.23981	PL.10765	C	4ACSR	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.756	0.341	0	0	0	0
PL.23982	PL.10764	C	4ACSR	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.473	0.118	0	0	0	1
485204	PL.23982	C	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.473	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.28466	PL.21406	A	4ACSR	7.26Y	121.0	-0.00	5.03	0.00	0	0	0	0	100	0.00	0.0	7.070	0.092	0	0	0	0
		B		7.10Y	118.3	0.00	7.73	0.00	0	0	0	0	100					0	0	0	0
		C		7.53Y	125.5	0.00	0.47	1.11	1	8	3	94						0	0	0	1
485316	PL.28466	C	Consumer	7.53Y	125.5	0.00	0.47	1.11	0	8	3	94	0.00	0.0	7.070	0.000	8	3	1	1	
484313	PL.7184	B	Consumer	7.09Y	118.2	0.00	7.79	0.00	0	0	0	100	0.00	0.0	6.307	0.000	0	0	1	1	
484304	PL.7184	B	Consumer	7.09Y	118.2	0.00	7.79	0.97	0	6	2	95	0.00	0.0	6.307	0.000	6	2	1	1	
484303	PL.7184	B	Consumer	7.09Y	118.2	0.00	7.79	0.00	0	0	0	100	0.00	0.0	6.307	0.000	0	0	0	0	
PL.2488	PL.10772	A	4ACSR	7.28Y	121.3	0.00	4.68	1.68	1	12	4	95	0.00	0.0	6.295	0.065	0	0	0	1	
PL.2489	PL.2488	A	4ACSR	7.28Y	121.3	0.01	4.69	1.68	1	12	4	95	0.00	0.0	6.448	0.153	0	0	0	1	
484324	PL.2489	A	Consumer	7.28Y	121.3	0.00	4.69	1.68	0	12	4	95	0.00	0.0	6.448	0.000	12	4	1	1	
PL.10500	PL.10773	B	4ACSR	7.09Y	118.2	0.00	7.80	3.12	3	21	8	93	0.00	0.0	6.177	0.034	0	0	0	2	
PL.10501	PL.10500	B	4ACSR	7.09Y	118.2	0.00	7.81	1.17	1	8	3	94	0.00	0.0	6.238	0.061	0	0	0	1	
484323	PL.10501	B	Consumer	7.09Y	118.2	0.00	7.81	1.17	0	8	3	94	0.00	0.0	6.238	0.000	8	3	1	1	
484318	PL.10500	B	Consumer	7.09Y	118.2	0.00	7.80	1.96	0	13	5	93	0.00	0.0	6.177	0.000	13	5	1	1	
PL.15652	PL.10776	A	4ACSR	7.30Y	121.7	0.00	4.35	1.38	1	9	3	95	0.00	0.0	5.445	0.016	0	0	0	2	
PD.1628	PL.15652	A	fuse6AMP	7.30Y	121.7	0.00	4.35	1.38	24	9	3	95	0.00	0.0	5.445	0.000	0	0	0	2	
PL.15653	PD.1628	A	4ACSR	7.30Y	121.6	0.01	4.35	1.38	1	9	3	95	0.00	0.0	5.535	0.090	0	0	0	2	
483306	PL.15653	A	Consumer	7.30Y	121.6	0.00	4.35	1.30	0	9	3	95	0.00	0.0	5.535	0.000	9	3	1	1	
483316	PL.15653	A	Consumer	7.30Y	121.6	0.00	4.35	0.09	0	1	0	100	0.00	0.0	5.535	0.000	1	0	1	1	
PL.23488	PL.10776	B	4ACSR	7.11Y	118.6	0.00	7.44	5.17	4	35	13	94	0.00	0.0	5.447	0.018	0	0	0	7	
C PD.1629	PL.23488	B	fuse6AMP	7.11Y	118.6	0.00	7.44	5.17	88	35	13	94	0.00	0.0	5.447	0.000	0	0	0	7 C	
PL.23489	PD.1629	B	4ACSR	7.11Y	118.5	0.01	7.45	5.17	4	35	13	94	0.00	0.0	5.496	0.049	0	0	0	7	
PL.10778	PL.23489	B	4ACSR	7.11Y	118.5	0.00	7.45	3.53	3	24	9	94	0.00	0.0	5.519	0.023	0	0	0	4	
PL.7193	PL.10778	B	4ACSR	7.11Y	118.5	0.00	7.45	3.53	3	24	9	94	0.00	0.0	5.521	0.002	0	0	0	4	
483322	PL.7193	B	Consumer	7.11Y	118.5	0.00	7.45	1.00	0	7	2	96	0.00	0.0	5.521	0.000	7	2	1	1	
PL.7194	PL.7193	B	4ACSR	7.11Y	118.5	0.00	7.46	2.54	2	17	6	94	0.00	0.0	5.564	0.043	0	0	0	3	
PL.2484	PL.7194	B	4ACSR	7.11Y	118.5	0.00	7.46	1.86	2	12	5	92	0.00	0.0	5.601	0.037	0	0	0	2	
483320	PL.2484	B	Consumer	7.11Y	118.5	0.00	7.46	1.32	0	9	3	95	0.00	0.0	5.601	0.000	9	3	1	1	
483321	PL.2484	B	Consumer	7.11Y	118.5	0.00	7.46	0.54	0	4	1	97	0.00	0.0	5.601	0.000	4	1	1	1	
483319	PL.7194	B	Consumer	7.11Y	118.5	0.00	7.46	0.68	0	5	2	93	0.00	0.0	5.564	0.000	5	2	1	1	
PL.10779	PL.23489	B	4ACSR	7.11Y	118.5	0.00	7.45	1.64	1	11	4	94	0.00	0.0	5.559	0.063	0	0	0	3	
484327	PL.10779	B	Consumer	7.11Y	118.5	0.00	7.45	0.07	0	0	0	100	0.00	0.0	5.559	0.000	0	0	1	1	
484315	PL.10779	B	Consumer	7.11Y	118.5	0.00	7.45	0.61	0	4	1	97	0.00	0.0	5.559	0.000	4	1	1	1	
PL.2485	PL.10779	B	4ACSR	7.11Y	118.5	0.00	7.46	0.96	1	6	2	95	0.00	0.0	5.612	0.052	0	0	0	1	
484322	PL.2485	B	Consumer	7.11Y	118.5	0.00	7.46	0.96	0	6	2	95	0.00	0.0	5.612	0.000	6	2	1	1	
483305	PL.7190	C	Consumer	7.54Y	125.6	0.00	0.41	0.58	0	4	1	97	0.00	0.0	5.401	0.000	4	1	1	1	
PL.26960	PL.21854	A	4ACSR	7.33Y	122.1	-0.00	3.89	0.01	0	0	0	100	0.00	0.0	4.934	0.023	0	0	0	2	
PD.1626	PL.26960	A	fuse6AMP	7.33Y	122.1	0.00	3.89	0.01	0	0	0	100	0.00	0.0	4.934	0.000	0	0	0	2	
PL.26961	PD.1626	A	4ACSR	7.33Y	122.1	0.00	3.89	0.01	0	0	0	100	0.00	0.0	5.003	0.070	0	0	0	2	

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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 483308, 483323, 483324, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.44704	PL.25542	A	4ACSR	7.40Y	123.3	0.00	2.70	5.07	4	35	13	94	0.00	0.0	4.234	0.003	0	0	0	12
C PD.1601	PL.44704	A	fuse6AMP	7.40Y	123.3	0.00	2.70	5.07	87	35	13	94	0.00	0.0	4.234	0.000	0	0	0	12 C
PL.44707	PD.1601	A	4ACSR	7.40Y	123.3	0.00	2.70	5.07	4	35	13	94	0.00	0.0	4.239	0.005	0	0	0	12
PL.44706	PL.44707	A	4ACSR	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	4.279	0.039	0	0	0	0
4812028	PL.44706	A	Consumer	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	4.279	0.000	0	0	0	0
PL.44708	PL.44707	A	4ACSR	7.40Y	123.3	0.00	2.70	5.07	4	35	13	94	0.00	0.0	4.245	0.006	0	0	0	12
PL.25414	PL.44708	A	4ACSR	7.40Y	123.3	0.01	2.71	5.07	4	35	13	94	0.00	0.0	4.294	0.049	0	0	0	12
PL.25415	PL.25414	A	4ACSR	7.40Y	123.3	0.03	2.74	5.07	4	35	13	94	0.01	0.0	4.416	0.123	0	0	0	12
PL.25416	PL.25415	A	4ACSR	7.39Y	123.2	0.01	2.75	4.34	4	30	11	94	0.00	0.0	4.474	0.058	0	0	0	10
PL.10190	PL.25416	A	4ACSR	7.39Y	123.2	0.04	2.79	4.34	4	30	11	94	0.01	0.0	4.676	0.202	0	0	0	10
481303	PL.10190	A	Consumer	7.39Y	123.2	0.00	2.79	0.76	0	5	2	93	0.00	0.0	4.676	0.000	5	2	1	1
PL.10191	PL.10190	A	4ACSR	7.39Y	123.2	0.03	2.82	3.58	3	25	9	94	0.01	0.0	4.840	0.164	0	0	0	9
PL.3288	PL.10191	A	4ACSR	7.39Y	123.2	0.00	2.82	1.49	1	10	4	93	0.00	0.0	4.879	0.040	0	0	0	1
481318	PL.3288	A	Consumer	7.39Y	123.2	0.00	2.82	1.49	0	10	4	93	0.00	0.0	4.879	0.000	10	4	1	1
PL.25752	PL.10191	A	4ACSR	7.39Y	123.2	0.01	2.83	2.08	2	14	5	94	0.00	0.0	4.976	0.136	0	0	0	8
PL.20254	PL.25752	A	4ACSR	7.39Y	123.2	0.00	2.83	0.05	0	0	0	100	0.00	0.0	4.993	0.017	0	0	0	1
PD.1614	PL.20254	A	fuse6AMP	7.39Y	123.2	0.00	2.83	0.05	1	0	0	100	0.00	0.0	4.993	0.000	0	0	0	1
PL.20255	PD.1614	A	4ACSR	7.39Y	123.2	0.00	2.83	0.05	0	0	0	100	0.00	0.0	5.164	0.170	0	0	0	1
481314	PL.20255	A	Consumer	7.39Y	123.2	0.00	2.83	0.05	0	0	0	100	0.00	0.0	5.164	0.000	0	0	1	1
PL.6506	PL.25752	A	4ACSR	7.39Y	123.2	0.01	2.84	2.04	2	14	5	94	0.00	0.0	5.073	0.097	0	0	0	7
PL.25753	PL.6506	A	4ACSR	7.39Y	123.2	0.00	2.84	1.64	1	11	4	94	0.00	0.0	5.118	0.045	0	0	0	5
PL.25754	PL.25753	A	4ACSR	7.39Y	123.2	0.00	2.85	0.41	0	3	1	95	0.00	0.0	5.236	0.118	0	0	0	3
PL.3286	PL.25754	A	4ACSR	7.39Y	123.2	0.00	2.85	0.01	0	0	0	100	0.00	0.0	5.286	0.050	0	0	0	1
480308	PL.3286	A	Consumer	7.39Y	123.2	0.00	2.85	0.01	0	0	0	100	0.00	0.0	5.286	0.000	0	0	1	1
PL.10189	PL.25754	A	4ACSR	7.39Y	123.2	0.00	2.85	0.40	0	3	1	95	0.00	0.0	5.288	0.052	0	0	0	2
PL.7162	PL.10189	A	4ACSR	7.39Y	123.2	0.00	2.85	0.00	0	0	0	100	0.00	0.0	5.411	0.123	0	0	0	1
480307	PL.7162	A	Consumer	7.39Y	123.2	0.00	2.85	0.00	0	0	0	100	0.00	0.0	5.411	0.000	0	0	1	1
480301	PL.10189	A	Consumer	7.39Y	123.2	0.00	2.85	0.40	0	3	1	95	0.00	0.0	5.288	0.000	3	1	1	1
PL.3287	PL.25753	A	4ACSR	7.39Y	123.1	0.01	2.85	1.23	1	9	3	95	0.00	0.0	5.294	0.176	0	0	0	2
481317	PL.3287	A	Consumer	7.39Y	123.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	5.294	0.000	0	0	1	1
481315	PL.3287	A	Consumer	7.39Y	123.1	0.00	2.85	1.23	0	9	3	95	0.00	0.0	5.294	0.000	9	3	1	1
481311	PL.6506	A	Consumer	7.39Y	123.2	0.00	2.84	0.06	0	0	0	100	0.00	0.0	5.073	0.000	0	0	1	1
481319	PL.6506	A	Consumer	7.39Y	123.2	0.00	2.84	0.33	0	2	1	89	0.00	0.0	5.073	0.000	2	1	1	1
481207	PL.25415	A	Consumer	7.40Y	123.3	0.00	2.74	0.73	0	5	2	93	0.00	0.0	4.416	0.000	5	2	1	1
PL.3285	PL.25415	A	4ACSR	7.40Y	123.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	4.516	0.099	0	0	0	1
PL.7160	PL.3285	A	4ACSR	7.40Y	123.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	4.591	0.075	0	0	0	1
PL.7161	PL.7160	A	4ACSR	7.40Y	123.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	4.782	0.191	0	0	0	1
481205	PL.7161	A	Consumer	7.40Y	123.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	4.782	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.7156	PL.25542	A	6ACWC	7.40Y	123.3	-0.00	2.69	0.97	1	7	2	96	0.66	0.1	4.335	0.105	0	0	0	5
		B		7.15Y	119.2	0.24	6.79	46.75	40	314	117	94					0	0	0	84
		C		7.51Y	125.2	0.05	0.76	22.47	19	158	58	94					0	0	0	61
481225	PL.7156	B	Consumer	7.15Y	119.2	0.00	6.79	0.35	0	2	1	89	0.00	0.0	4.335	0.000	2	1	1	1
481214	PL.7156	C	Consumer	7.51Y	125.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	4.335	0.000	0	0	1	1
PL.25411	PL.7156	A	6ACWC	7.40Y	123.3	-0.00	2.69	0.97	1	7	2	96	0.62	0.1	4.435	0.100	0	0	0	5
		B		7.14Y	119.0	0.22	7.02	46.41	39	311	116	94					0	0	0	83
		C		7.51Y	125.2	0.05	0.81	22.47	19	158	58	94					0	0	0	60
PL.25412	PL.25411	C	4ACSR	7.51Y	125.2	0.00	0.81	1.73	1	12	4	95	0.00	0.0	4.453	0.018	0	0	0	3
PD.1604	PL.25412	C	fuse6AMP	7.51Y	125.2	0.00	0.81	1.73	30	12	4	95	0.00	0.0	4.453	0.000	0	0	0	3
PL.19422	PD.1604	C	4ACSR	7.51Y	125.2	0.01	0.82	1.73	1	12	4	95	0.00	0.0	4.580	0.127	0	0	0	3
481218	PL.19422	C	Consumer	7.51Y	125.2	0.00	0.82	0.13	0	1	0	100	0.00	0.0	4.580	0.000	1	0	1	1
481210	PL.19422	C	Consumer	7.51Y	125.2	0.00	0.82	0.18	0	1	0	100	0.00	0.0	4.580	0.000	1	0	1	1
PL.19423	PL.19422	C	4ACSR	7.51Y	125.2	0.02	0.84	1.42	1	10	4	93	0.00	0.0	4.828	0.248	0	0	0	1
482301	PL.19423	C	Consumer	7.51Y	125.2	0.00	0.84	0.00	0	0	0	100	0.00	0.0	4.828	0.000	0	0	0	0
4823014	PL.19423	C	Consumer	7.51Y	125.2	0.00	0.84	1.42	0	10	4	93	0.00	0.0	4.828	0.000	10	4	1	1
481222	PL.25411	C	Consumer	7.51Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	4.435	0.000	0	0	0	0
PL.27869	PL.25411	A	6ACWC	7.40Y	123.3	-0.00	2.69	0.97	1	7	2	96	1.22	0.3	4.637	0.202	0	0	0	5
		B		7.11Y	118.5	0.45	7.47	46.41	39	310	116	94					0	0	0	83
		C		7.51Y	125.1	0.09	0.90	20.74	18	146	54	94					0	0	0	57
PL.19469	PL.27869	A	6ACWC	7.40Y	123.3	-0.00	2.69	0.97	1	7	2	96	0.50	0.1	4.722	0.085	0	0	0	5
		B		7.10Y	118.3	0.19	7.66	45.61	39	304	114	94					0	0	0	82
		C		7.50Y	125.1	0.04	0.93	20.74	18	146	54	94					0	0	0	57
PL.25511	PL.19469	A	6ACWC	7.40Y	123.3	-0.00	2.69	0.97	1	7	2	96	0.11	0.0	4.741	0.019	0	0	0	5
		B		7.10Y	118.3	0.04	7.70	45.42	38	302	113	94					0	0	0	81
		C		7.50Y	125.1	0.01	0.94	20.74	18	146	54	94					0	0	0	57
PL.25512	PL.25511	A	6ACWC	7.40Y	123.3	-0.00	2.69	0.97	1	7	2	96	0.42	0.1	4.813	0.072	0	0	0	5
		B		7.09Y	118.1	0.16	7.86	45.42	38	302	113	94					0	0	0	81
		C		7.50Y	125.0	0.03	0.97	20.00	17	141	52	94					0	0	0	56
481226	PL.25512	B	Consumer	7.09Y	118.1	0.00	7.86	1.50	0	10	4	93	0.00	0.0	4.813	0.000	10	4	1	1
PL.7163	PL.25512	A	6ACWC	7.40Y	123.3	-0.00	2.68	0.97	1	7	2	96	0.34	0.1	4.876	0.063	0	0	0	5
		B		7.08Y	118.0	0.13	7.99	43.92	37	292	109	94					0	0	0	80
		C		7.50Y	125.0	0.03	1.00	20.00	17	141	52	94					0	0	0	56
481211	PL.7163	B	Consumer	7.08Y	118.0	0.00	7.99	0.09	0	1	0	100	0.00	0.0	4.876	0.000	1	0	1	1
PL.25407	PL.7163	C	4ACSR	7.50Y	125.0	0.00	1.00	0.24	0	2	1	89	0.00	0.0	4.883	0.007	0	0	0	1
PD.1611	PL.25407	C	fuse6AMP	7.50Y	125.0	0.00	1.00	0.24	4	2	1	89	0.00	0.0	4.883	0.000	0	0	0	1
PL.25408	PD.1611	C	4ACSR	7.50Y	125.0	0.00	1.00	0.24	0	2	1	89	0.00	0.0	5.005	0.122	0	0	0	1
482210	PL.25408	C	Consumer	7.50Y	125.0	0.00	1.00	0.24	0	2	1	89	0.00	0.0	5.005	0.000	2	1	1	1
L PL.7153	PL.7163	A	6ACWC	7.40Y	123.3	-0.00	2.68	0.97	1	7	2	96	0.25	0.1	4.922	0.046	0	0	0	5
		B		7.07Y	117.9	0.10	8.09	43.83	37	291	109	94					0	0	0	79
		C		7.50Y	125.0	0.02	1.02	19.77	17	139	51	94					0	0	0	55
482201	PL.7153	C	Consumer	7.50Y	125.0	0.00	1.02	0.59	0	4	2	89	0.00	0.0	4.922	0.000	4	2	1	1
L PL.20443	PL.7153	B	4ACSR	7.07Y	117.9	0.00	8.09	0.42	0	3	1	95	0.00	0.0	4.940	0.018	0	0	0	1
L PD.1610	PL.20443	B	fuse6AMP	7.07Y	117.9	0.00	8.09	0.42	7	3	1	95	0.00	0.0	4.940	0.000	0	0	0	1
L PL.20444	PD.1610	B	4ACSR	7.07Y	117.9	0.00	8.10	0.42	0	3	1	95	0.00	0.0	5.155	0.215	0	0	0	1
L 482202	PL.20444	B	Consumer	7.07Y	117.9	0.00	8.10	0.42	0	3	1	95	0.00	0.0	5.155	0.000	3	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-----					
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru	
L PL.3275	PL.20444	B	4ACSR	7.07Y	117.9	0.00	8.10	0.00	0	0	0	100	0.00	0.0	5.304	0.148	0	0	0	0	L
L PL.10193	PL.7153	A	6ACWC	7.40Y	123.3	-0.00	2.68	0.97	1	7	2	96	0.92	0.2	5.098	0.176	0	0	0	0	5
		B		7.05Y	117.5	0.37	8.46	43.40	37	288	107	94					0	0	0	0	78
		C		7.49Y	124.9	0.07	1.09	19.17	16	135	50	94					0	0	0	0	54
PL.10196	PL.10193	C	4ACSR	7.49Y	124.9	0.00	1.09	1.70	1	12	4	95	0.00	0.0	5.125	0.027	0	0	0	0	3
PD.1612	PL.10196	C	fuse6AMP	7.49Y	124.9	0.00	1.09	1.70	29	12	4	95	0.00	0.0	5.125	0.000	0	0	0	0	3
PL.10197	PD.1612	C	4ACSR	7.49Y	124.9	0.00	1.09	1.70	1	12	4	95	0.00	0.0	5.185	0.060	0	0	0	0	3
PL.41313	PL.10197	C	4ACSR	7.49Y	124.9	0.00	1.10	1.69	1	12	4	95	0.00	0.0	5.226	0.041	0	0	0	0	2
PL.41312	PL.41313	C	2ACSR	7.49Y	124.9	0.00	1.10	0.72	0	5	2	93	0.00	0.0	5.374	0.148	0	0	0	0	1
4822014	PL.41312	C	Consumer	7.49Y	124.9	0.00	1.10	0.72	0	5	2	93	0.00	0.0	5.374	0.000	5	2	1	1	
PL.41314	PL.41313	C	4ACSR	7.49Y	124.9	0.00	1.10	0.97	1	7	2	96	0.00	0.0	5.279	0.053	0	0	0	0	1
482212	PL.41314	C	Consumer	7.49Y	124.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	5.279	0.000	0	0	0	0	0
482206	PL.41314	C	Consumer	7.49Y	124.9	0.00	1.10	0.97	0	7	2	96	0.00	0.0	5.279	0.000	7	2	1	1	
482213	PL.10197	C	Consumer	7.49Y	124.9	0.00	1.09	0.01	0	0	0	100	0.00	0.0	5.185	0.000	0	0	1	1	
L PL.10194	PL.10193	A	6ACWC	7.40Y	123.3	0.00	2.68	0.97	1	7	2	96	0.71	0.2	5.236	0.138	0	0	0	0	5
		B		7.04Y	117.3	0.29	8.75	43.40	37	287	107	94					0	0	0	0	78
		C		7.49Y	124.9	0.04	1.13	17.47	15	123	45	94					0	0	0	0	51
L PL.10195	PL.10194	A	6ACWC	7.40Y	123.3	0.00	2.69	0.97	1	7	2	96	0.57	0.1	5.348	0.112	0	0	0	0	5
		B		7.02Y	117.0	0.23	8.98	43.40	37	286	107	94					0	0	0	0	78
		C		7.49Y	124.8	0.03	1.16	16.79	14	118	43	94					0	0	0	0	50
PL.3277	PL.10195	A	4ACSR	7.40Y	123.3	0.00	2.69	0.00	0	0	0	100	0.00	0.0	5.446	0.098	0	0	0	0	1
481213	PL.3277	A	Consumer	7.40Y	123.3	0.00	2.69	0.00	0	0	0	100	0.00	0.0	5.446	0.000	0	0	1	1	
L PL.10192	PL.10195	A	6ACWC	7.40Y	123.3	-0.00	2.68	0.00	0	0	0	100	0.42	0.1	5.431	0.083	0	0	0	0	1
		B		7.01Y	116.8	0.17	9.16	43.40	37	286	106	94					0	0	0	0	78
		C		7.49Y	124.8	0.02	1.18	16.79	14	118	43	94					0	0	0	0	50
L PL.7155	PL.10192	A	6ACWC	7.40Y	123.3	-0.00	2.68	0.00	0	0	0	100	0.17	0.0	5.464	0.033	0	0	0	0	1
		B		7.01Y	116.8	0.07	9.23	43.40	37	285	106	94					0	0	0	0	78
		C		7.49Y	124.8	0.01	1.19	16.79	14	118	43	94					0	0	0	0	50
L PL.24932	PL.7155	A	6ACWC	7.40Y	123.3	-0.00	2.68	0.00	0	0	0	100	0.20	0.0	5.503	0.039	0	0	0	0	1
		B		7.00Y	116.7	0.08	9.31	43.40	37	285	106	94					0	0	0	0	78
		C		7.49Y	124.8	0.01	1.20	16.79	14	118	43	94					0	0	0	0	50
471913	PL.24932	C	Consumer	7.49Y	124.8	0.00	1.20	0.06	0	0	0	100	0.00	0.0	5.503	0.000	0	0	1	1	
L 471904	PL.24932	B	Consumer	7.00Y	116.7	0.00	9.31	0.00	0	0	0	100	0.00	0.0	5.503	0.000	0	0	0	0	0
471926	PL.24932	C	Consumer	7.49Y	124.8	0.00	1.20	0.55	0	4	1	97	0.00	0.0	5.503	0.000	4	1	1	1	
L PL.24933	PL.24932	A	6ACWC	7.40Y	123.3	-0.00	2.68	0.00	0	0	0	100	0.13	0.0	5.528	0.025	0	0	0	0	1
		B		7.00Y	116.6	0.05	9.36	43.40	37	285	106	94					0	0	0	0	78
		C		7.49Y	124.8	0.01	1.21	16.19	14	114	42	94					0	0	0	0	48
L PL.9940	PL.24933	A	6ACWC	7.40Y	123.3	-0.00	2.68	0.00	0	0	0	100	0.03	0.0	5.534	0.006	0	0	0	0	1
		B		7.00Y	116.6	0.01	9.37	43.40	37	285	106	94					0	0	0	0	78
		C		7.49Y	124.8	0.00	1.21	16.19	14	114	42	94					0	0	0	0	48
RG.17	PL.9940	A	1ph-100A-7	7.56Y	126.0	-2.68	0.00	0.00	0	0	0	100	percent Boost= 2.18 Tap= 3.5								1
		B		7.56Y	126.0	-9.37	0.00	43.40	43	285	106	94	percent Boost= 8.04 Tap=12.9								
		C		7.56Y	126.0	-1.21	-0.00	16.19	16	114	42	94	percent Boost= 0.97 Tap= 1.6								
PL.10392	RG.17	A	6ACWC	7.56Y	126.0	-0.00	-0.00	0.00	0	0	0	100	0.49	0.1	5.645	0.111	0	0	0	0	1
		B		7.55Y	125.8	0.22	0.22	40.17	34	285	106	94					0	0	0	0	78
		C		7.56Y	126.0	0.03	0.03	16.03	14	114	42	94					0	0	0	0	48
471909	PL.10392	C	Consumer	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	5.645	0.000	0	0	0	0	0
471910	PL.10392	C	Consumer	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	5.645	0.000	0	0	0	0	0

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.10390	PL.10392	C	4ACSR	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	5.654	0.009	0	0	0	1
PD.1532	PL.10390	C	fuse6AMP	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	5.654	0.000	0	0	0	1
PL.10391	PD.1532	C	4ACSR	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	5.747	0.093	0	0	0	1
471914	PL.10391	C	Consumer	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	5.747	0.000	0	0	1	1
PL.10393	PL.10392	A	6ACWC	7.56Y	126.0	-0.00	-0.01	0.00	0	0	0	100	0.60	0.1	5.781	0.136	0	0	0	1
		B		7.53Y	125.5	0.26	0.48	40.17	34	284	106	94					0	0	0	78
		C		7.56Y	125.9	0.04	0.07	16.03	14	114	42	94					0	0	0	47
471903	PL.10393	C	Consumer	7.56Y	125.9	0.00	0.07	0.45	0	3	1	95	0.00	0.0	5.781	0.000	3	1	1	1
471925	PL.10393	C	Consumer	7.56Y	125.9	0.00	0.07	0.24	0	2	1	89	0.00	0.0	5.781	0.000	2	1	1	1
PL.42864	PL.10393	C	4ACSR	7.56Y	125.9	0.00	0.07	14.56	12	103	38	94	0.00	0.0	5.784	0.004	0	0	0	42
PD.8152-A	PL.42864	C	Closed	7.56Y	125.9	0.00	0.07	14.56	0	103	38	94	0.00	0.0	5.784	0.000	0	0	0	42
PD.8152-B	PD.8152-A	C	Closed	7.56Y	125.9	0.00	0.07	14.56	0	103	38	94	0.00	0.0	5.784	0.000	0	0	0	42
PL.42865	PD.8152-B	C	4ACSR	7.55Y	125.9	0.04	0.11	14.56	12	103	38	94	0.03	0.0	5.848	0.064	0	0	0	42
471920	PL.42865	C	Consumer	7.55Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	5.848	0.000	0	0	1	1
PL.10351	PL.42865	C	4ACSR	7.55Y	125.9	0.00	0.12	14.56	12	103	38	94	0.00	0.0	5.852	0.005	0	0	0	41
PD.3536	PL.10351	C	70V4E	7.55Y	125.9	0.00	0.12	14.56	21	103	38	94	0.00	0.0	5.852	0.000	0	0	0	41
PL.9939	PD.3536	C	4ACSR	7.54Y	125.7	0.16	0.27	14.56	12	103	38	94	0.12	0.1	6.086	0.233	0	0	0	41
PL.42868	PL.9939	C	4ACSR	7.54Y	125.7	0.00	0.27	0.76	1	5	2	93	0.00	0.0	6.092	0.006	0	0	0	1
PD.8154	PL.42868	C	fuse6AMP	7.54Y	125.7	0.00	0.27	0.76	13	5	2	93	0.00	0.0	6.092	0.000	0	0	0	1
PL.42869	PD.8154	C	4ACSR	7.54Y	125.7	0.00	0.28	0.76	1	5	2	93	0.00	0.0	6.202	0.110	0	0	0	1
471924	PL.42869	C	Consumer	7.54Y	125.7	0.00	0.28	0.76	0	5	2	93	0.00	0.0	6.202	0.000	5	2	1	1
PL.42866	PL.9939	C	4ACSR	7.54Y	125.7	0.00	0.27	0.39	0	3	1	95	0.00	0.0	6.091	0.005	0	0	0	2
PD.8153	PL.42866	C	fuse6AMP	7.54Y	125.7	0.00	0.27	0.39	7	3	1	95	0.00	0.0	6.091	0.000	0	0	0	2
PL.42867	PD.8153	C	4ACSR	7.54Y	125.7	0.00	0.27	0.39	0	3	1	95	0.00	0.0	6.153	0.062	0	0	0	2
471916	PL.42867	C	Consumer	7.54Y	125.7	0.00	0.27	0.02	0	0	0	100	0.00	0.0	6.153	0.000	0	0	1	1
471902	PL.42867	C	Consumer	7.54Y	125.7	0.00	0.27	0.37	0	3	1	95	0.00	0.0	6.153	0.000	3	1	1	1
PL.21828	PL.42867	C	4ACSR	7.54Y	125.7	0.00	0.27	0.00	0	0	0	100	0.00	0.0	6.153	0.000	0	0	0	0
PL.9106	PL.9939	C	4ACSR	7.54Y	125.7	0.06	0.33	13.41	11	95	35	94	0.04	0.0	6.186	0.100	0	0	0	38
PL.42870	PL.9106	C	4ACSR	7.54Y	125.7	0.00	0.33	0.26	0	2	1	89	0.00	0.0	6.190	0.004	0	0	0	1
PD.8155	PL.42870	C	fuse6AMP	7.54Y	125.7	0.00	0.33	0.26	4	2	1	89	0.00	0.0	6.190	0.000	0	0	0	1
PL.42871	PD.8155	C	4ACSR	7.54Y	125.7	0.00	0.33	0.26	0	2	1	89	0.00	0.0	6.247	0.057	0	0	0	1
471921	PL.42871	C	Consumer	7.54Y	125.7	0.00	0.33	0.26	0	2	1	89	0.00	0.0	6.247	0.000	2	1	1	1
PL.9107	PL.9106	C	4ACSR	7.54Y	125.6	0.03	0.37	13.15	11	93	34	94	0.02	0.0	6.242	0.057	0	0	0	37
PL.42874	PL.9107	C	4ACSR	7.54Y	125.6	0.00	0.37	0.08	0	1	0	100	0.00	0.0	6.248	0.006	0	0	0	1
PD.8157	PL.42874	C	fuse6AMP	7.54Y	125.6	0.00	0.37	0.08	1	1	0	100	0.00	0.0	6.248	0.000	0	0	0	1
PL.42875	PD.8157	C	4ACSR	7.54Y	125.6	0.00	0.37	0.08	0	1	0	100	0.00	0.0	6.300	0.052	0	0	0	1
471922	PL.42875	C	Consumer	7.54Y	125.6	0.00	0.37	0.08	0	1	0	100	0.00	0.0	6.300	0.000	1	0	1	1
PL.42872	PL.9107	C	4ACSR	7.54Y	125.6	0.00	0.37	0.48	0	3	1	95	0.00	0.0	6.247	0.004	0	0	0	2
PD.8156	PL.42872	C	fuse6AMP	7.54Y	125.6	0.00	0.37	0.48	8	3	1	95	0.00	0.0	6.247	0.000	0	0	0	2

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.42873	PD.8156	C	4ACSR	7.54Y	125.6	0.00	0.37	0.48	0	3	1	95	0.00	0.0	6.404	0.158	0	0	0	2	
PL.2987	PL.42873	C	4ACSR	7.54Y	125.6	0.00	0.37	0.48	0	3	1	95	0.00	0.0	6.448	0.044	0	0	0	1	
471915	PL.2987	C	Consumer	7.54Y	125.6	0.00	0.37	0.48	0	3	1	95	0.00	0.0	6.448	0.000	3	1	1	1	
471905	PL.42873	C	Consumer	7.54Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	6.404	0.000	0	0	0	0	
471918	PL.42873	C	Consumer	7.54Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	6.404	0.000	0	0	1	1	
PL.9108	PL.9107	C	4ACSR	7.52Y	125.4	0.23	0.60	12.59	11	89	33	94	0.15	0.2	6.648	0.406	0	0	0	34	
PL.9105	PL.9108	C	4ACSR	7.51Y	125.2	0.17	0.77	12.22	10	86	32	94	0.11	0.1	6.955	0.308	0	0	0	33	
PL.9103	PL.9105	C	4ACSR	7.51Y	125.2	0.04	0.81	12.22	10	86	32	94	0.02	0.0	7.020	0.065	0	0	0	33	
PL.42876	PL.9103	C	4ACSR	7.51Y	125.2	0.00	0.81	1.46	1	10	4	93	0.00	0.0	7.025	0.005	0	0	0	2	
PD.8158	PL.42876	C	fuse6AMP	7.51Y	125.2	0.00	0.81	1.46	25	10	4	93	0.00	0.0	7.025	0.000	0	0	0	2	
PL.42877	PD.8158	C	4ACSR	7.51Y	125.2	0.01	0.82	1.46	1	10	4	93	0.00	0.0	7.236	0.211	0	0	0	2	
PL.24937	PL.42877	C	4ACSR	7.51Y	125.2	0.00	0.82	1.46	1	10	4	93	0.00	0.0	7.252	0.016	0	0	0	2	
PL.24938	PL.24937	C	4ACSR	7.51Y	125.2	0.01	0.83	1.46	1	10	4	93	0.00	0.0	7.389	0.138	0	0	0	1	
470904	PL.24938	C	Consumer	7.51Y	125.2	0.00	0.83	1.46	0	10	4	93	0.00	0.0	7.389	0.000	10	4	1	1	
470903	PL.24937	C	Consumer	7.51Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	7.252	0.000	0	0	1	1	
PL.9104	PL.9103	C	4ACSR	7.51Y	125.1	0.06	0.87	10.76	9	76	28	94	0.03	0.0	7.138	0.118	0	0	0	31	
PL.42895	PL.9104	C	4ACSR	7.51Y	125.1	0.02	0.88	3.20	3	23	8	94	0.00	0.0	7.250	0.112	0	0	0	1	
PD.419	PL.42895	C	fuse6AMP	7.51Y	125.1	0.00	0.88	3.20	55	23	8	94	0.00	0.0	7.250	0.000	0	0	0	1	
PL.42896	PD.419	C	4ACSR	7.51Y	125.1	0.01	0.89	3.20	3	23	8	94	0.00	0.0	7.309	0.059	0	0	0	1	
470905	PL.42896	C	Consumer	7.51Y	125.1	0.00	0.89	3.20	0	23	8	94	0.00	0.0	7.309	0.000	23	8	1	1	
PL.10343	PL.9104	C	4ACSR	7.51Y	125.1	0.03	0.90	7.56	6	53	19	94	0.01	0.0	7.232	0.094	0	0	0	30	
PL.40884	PL.10343	C	4ACSR	7.51Y	125.1	0.00	0.90	0.75	1	5	2	93	0.00	0.0	7.244	0.012	0	0	0	1	
PD.7274	PL.40884	C	fuse6AMP	7.51Y	125.1	0.00	0.90	0.75	13	5	2	93	0.00	0.0	7.244	0.000	0	0	0	1	
PL.40885	PD.7274	C	4ACSR	7.51Y	125.1	0.00	0.90	0.75	1	5	2	93	0.00	0.0	7.295	0.051	0	0	0	1	
419904	PL.40885	C	Consumer	7.51Y	125.1	0.00	0.90	0.75	0	5	2	93	0.00	0.0	7.295	0.000	5	2	1	1	
PL.10344	PL.10343	C	4ACSR	7.51Y	125.1	0.00	0.90	6.81	6	48	18	94	0.00	0.0	7.244	0.012	0	0	0	29	
PL.42582	PL.10344	C	4ACSR	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	7.435	0.191	0	0	0	0	
PD.293-A	PL.42582	C	Open	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	7.435	0.000	0	0	0	0	
419908	PL.10344	C	Consumer	7.51Y	125.1	0.00	0.90	0.07	0	0	0	100	0.00	0.0	7.244	0.000	0	0	1	1	
PL.20326	PL.10344	C	4ACSR	7.51Y	125.1	0.00	0.90	6.75	6	48	17	94	0.00	0.0	7.250	0.006	0	0	0	28	
PD.3105	PL.20326	C	70L	7.51Y	125.1	0.00	0.90	6.75	10	48	17	94	0.00	0.0	7.250	0.000	0	0	0	28	
PL.20327	PD.3105	C	4ACSR	7.50Y	125.1	0.03	0.93	6.75	6	48	17	94	0.01	0.0	7.333	0.084	0	0	0	28	
PL.25366	PL.20327	C	4ACSR	7.50Y	125.1	0.02	0.95	6.64	6	47	17	94	0.01	0.0	7.393	0.060	0	0	0	25	
PL.25363	PL.25366	C	4ACSR	7.50Y	125.0	0.05	1.00	5.38	5	38	14	94	0.02	0.0	7.612	0.218	0	0	0	22	
419906	PL.25363	C	Consumer	7.50Y	125.0	0.00	1.00	1.00	0	7	3	92	0.00	0.0	7.612	0.000	7	3	1	1	
PL.19234	PL.25363	C	4ACSR	7.50Y	125.0	0.02	1.02	4.38	4	31	11	94	0.00	0.0	7.691	0.079	0	0	0	21	
PL.19235	PL.19234	C	4ACSR	7.50Y	125.0	0.02	1.04	4.34	4	31	11	94	0.00	0.0	7.787	0.096	0	0	0	20	
PL.42892	PL.19235	C	4ACSR	7.50Y	124.9	0.02	1.06	4.34	4	31	11	94	0.01	0.0	7.910	0.123	0	0	0	20	

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
PD.8170-A	PL.42892	C	Closed	7.50Y	124.9	0.00	1.06	4.34	0	31	11	94	0.00	0.0	7.910	0.000	0	0	0	20
PD.8170-B	PD.8170-A	C	Closed	7.50Y	124.9	0.00	1.06	4.34	0	31	11	94	0.00	0.0	7.910	0.000	0	0	0	20
PL.42893	PD.8170-B	C	4ACSR	7.49Y	124.9	0.04	1.10	4.34	4	31	11	94	0.01	0.0	8.117	0.208	0	0	0	20
418903	PL.42893	C	Consumer	7.49Y	124.9	0.00	1.10	0.08	0	1	0	100	0.00	0.0	8.117	0.000	1	0	1	1
PL.42884	PL.42893	C	4ACSR	7.49Y	124.9	0.00	1.10	4.27	4	30	11	94	0.00	0.0	8.121	0.004	0	0	0	19
PL.42885	PL.42884	C	4ACSR	7.49Y	124.9	0.02	1.12	4.27	4	30	11	94	0.00	0.0	8.234	0.112	0	0	0	19
PL.42890	PL.42885	C	4ACSR	7.49Y	124.8	0.05	1.17	4.27	4	30	11	94	0.01	0.0	8.485	0.252	0	0	0	19
PD.8169-A	PL.42890	C	Closed	7.49Y	124.8	0.00	1.17	4.27	0	30	11	94	0.00	0.0	8.485	0.000	0	0	0	19
PD.8169-B	PD.8169-A	C	Closed	7.49Y	124.8	0.00	1.17	4.27	0	30	11	94	0.00	0.0	8.485	0.000	0	0	0	19
PL.42891	PD.8169-B	C	4ACSR	7.49Y	124.8	0.02	1.20	4.27	4	30	11	94	0.01	0.0	8.610	0.125	0	0	0	19
PL.42888	PL.42891	C	4ACSR	7.49Y	124.8	0.00	1.20	1.68	1	12	4	95	0.00	0.0	8.618	0.008	0	0	0	11
PD.8168-A	PL.42888	C	Closed	7.49Y	124.8	0.00	1.20	1.68	0	12	4	95	0.00	0.0	8.618	0.000	0	0	0	11
PD.8168-B	PD.8168-A	C	Closed	7.49Y	124.8	0.00	1.20	1.68	0	12	4	95	0.00	0.0	8.618	0.000	0	0	0	11
PL.42908	PD.8168-B	C	4ACSR	7.49Y	124.8	0.01	1.21	1.68	1	12	4	95	0.00	0.0	8.768	0.150	0	0	0	11
PD.8175	PL.42908	C	fuse6AMP	7.49Y	124.8	0.00	1.21	1.68	29	12	4	95	0.00	0.0	8.768	0.000	0	0	0	11
PL.42909	PD.8175	C	4ACSR	7.49Y	124.8	0.00	1.21	1.68	1	12	4	95	0.00	0.0	8.791	0.023	0	0	0	11
428210	PL.42909	C	Consumer	7.49Y	124.8	0.00	1.21	0.09	0	1	0	100	0.00	0.0	8.791	0.000	1	0	1	1
428201	PL.42909	C	Consumer	7.49Y	124.8	0.00	1.21	0.21	0	1	1	71	0.00	0.0	8.791	0.000	1	1	1	1
PL.19930	PL.42909	C	4ACSR	7.49Y	124.8	0.01	1.22	1.38	1	10	4	93	0.00	0.0	8.881	0.090	0	0	0	8
428202	PL.19930	C	Consumer	7.49Y	124.8	0.00	1.22	0.24	0	2	1	89	0.00	0.0	8.881	0.000	2	1	1	1
428212	PL.19930	C	Consumer	7.49Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	8.881	0.000	0	0	1	1
PL.19931	PL.19930	C	4ACSR	7.49Y	124.8	0.00	1.22	1.15	1	8	3	94	0.00	0.0	8.957	0.076	0	0	0	6
PL.6680	PL.19931	C	4ACSR	7.49Y	124.8	0.00	1.22	1.14	1	8	3	94	0.00	0.0	9.030	0.073	0	0	0	5
PL.19717	PL.6680	C	4ACSR	7.49Y	124.8	0.00	1.23	1.14	1	8	3	94	0.00	0.0	9.104	0.074	0	0	0	5
429202	PL.19717	C	Consumer	7.49Y	124.8	0.00	1.23	0.31	0	2	1	89	0.00	0.0	9.104	0.000	2	1	1	1
PL.19718	PL.19717	C	4ACSR	7.49Y	124.8	0.01	1.24	0.83	1	6	2	95	0.00	0.0	9.271	0.167	0	0	0	4
PL.42906	PL.19718	C	4ACSR	7.49Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	9.276	0.005	0	0	0	1
PD.8174	PL.42906	C	fuse6AMP	7.49Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	9.276	0.000	0	0	0	1
PL.42907	PD.8174	C	4ACSR	7.49Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	9.470	0.194	0	0	0	1
429205	PL.42907	C	Consumer	7.49Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	9.470	0.000	0	0	1	1
429203	PL.42907	C	Consumer	7.49Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	9.470	0.000	0	0	0	0
PL.2390	PL.19718	C	4ACSR	7.49Y	124.8	0.00	1.24	0.83	1	6	2	95	0.00	0.0	9.331	0.060	0	0	0	3
PL.6683	PL.2390	C	4ACSR	7.49Y	124.8	0.00	1.24	0.83	1	6	2	95	0.00	0.0	9.382	0.051	0	0	0	3
429206	PL.6683	C	Consumer	7.49Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	9.382	0.000	0	0	1	1
PL.6684	PL.6683	C	4ACSR	7.49Y	124.8	0.01	1.24	0.83	1	6	2	95	0.00	0.0	9.530	0.148	0	0	0	2
PL.2391	PL.6684	C	4ACSR	7.49Y	124.8	0.00	1.25	0.03	0	0	0	100	0.00	0.0	9.666	0.135	0	0	0	1
PL.2389	PL.2391	C	4ACSR	7.49Y	124.8	0.00	1.25	0.03	0	0	0	100	0.00	0.0	9.838	0.173	0	0	0	1
429307	PL.2389	C	Consumer	7.49Y	124.8	0.00	1.25	0.03	0	0	0	100	0.00	0.0	9.838	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
429204	PL.6684	C	Consumer	7.49Y	124.8	0.00	1.24	0.80	0	6	2	95	0.00	0.0	9.530	0.000	6	2	1	1
428209	PL.19931	C	Consumer	7.49Y	124.8	0.00	1.22	0.01	0	0	0	100	0.00	0.0	8.957	0.000	0	0	1	1
PL.2387	PL.42909	C	4ACSR	7.49Y	124.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	9.140	0.348	0	0	0	1
429201	PL.2387	C	Consumer	7.49Y	124.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	9.140	0.000	0	0	1	1
PL.42886	PL.42891	C	4ACSR	7.49Y	124.8	0.00	1.20	2.58	2	18	7	93	0.00	0.0	8.616	0.006	0	0	0	8
PD.8167-A	PL.42886	C	Closed	7.49Y	124.8	0.00	1.20	2.58	0	18	7	93	0.00	0.0	8.616	0.000	0	0	0	8
PD.8167-B	PD.8167-A	C	Closed	7.49Y	124.8	0.00	1.20	2.58	0	18	7	93	0.00	0.0	8.616	0.000	0	0	0	8
PL.42887	PD.8167-B	C	4ACSR	7.49Y	124.8	0.05	1.25	2.58	2	18	7	93	0.01	0.0	9.018	0.402	0	0	0	8
PL.42899	PL.42887	C	4ACSR	7.49Y	124.8	0.00	1.25	1.87	2	13	5	93	0.00	0.0	9.027	0.009	0	0	0	7
PD.8172	PL.42899	C	fuse8AMP	7.49Y	124.8	0.00	1.25	1.87	26	13	5	93	0.00	0.0	9.027	0.000	0	0	0	7
PL.42900	PD.8172	C	4ACSR	7.49Y	124.8	0.00	1.25	1.87	2	13	5	93	0.00	0.0	9.036	0.009	0	0	0	7
428206	PL.42900	C	Consumer	7.49Y	124.8	0.00	1.25	0.89	0	6	2	95	0.00	0.0	9.036	0.000	6	2	1	1
PL.10345	PL.42900	C	4ACSR	7.49Y	124.8	0.00	1.25	0.98	1	7	3	92	0.00	0.0	9.094	0.058	0	0	0	6
PL.10346	PL.10345	C	4ACSR	7.48Y	124.7	0.01	1.26	0.98	1	7	3	92	0.00	0.0	9.217	0.123	0	0	0	6
PL.6682	PL.10346	C	4ACSR	7.48Y	124.7	0.01	1.26	0.98	1	7	3	92	0.00	0.0	9.359	0.142	0	0	0	5
PL.25535	PL.6682	C	4ACSR	7.48Y	124.7	0.00	1.27	0.98	1	7	3	92	0.00	0.0	9.462	0.103	0	0	0	4
PL.25537	PL.25535	C	4ACSR	7.48Y	124.7	0.00	1.27	0.98	1	7	3	92	0.00	0.0	9.464	0.001	0	0	0	4
428203	PL.25537	C	Consumer	7.48Y	124.7	0.00	1.27	0.91	0	6	2	95	0.00	0.0	9.464	0.000	6	2	1	1
PL.42904	PL.25537	C	4ACSR	7.48Y	124.7	0.00	1.27	0.06	0	0	0	100	0.00	0.0	9.524	0.061	0	0	0	3
PL.42905	PL.42904	C	4ACSR	7.48Y	124.7	0.00	1.27	0.06	0	0	0	100	0.00	0.0	9.623	0.099	0	0	0	2
PL.23922	PL.42905	C	4ACSR	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	9.721	0.098	0	0	0	1
PL.23923	PL.23922	C	4ACSR	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	9.901	0.179	0	0	0	1
427201	PL.23923	C	Consumer	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	9.901	0.000	0	0	1	1
PL.42901	PL.42905	C	4ACSR	7.48Y	124.7	0.00	1.27	0.06	0	0	0	100	0.00	0.0	9.634	0.011	0	0	0	1
PD.8173	PL.42901	C	fuse6AMP	7.48Y	124.7	0.00	1.27	0.06	1	0	0	100	0.00	0.0	9.634	0.000	0	0	0	1
PL.42902	PD.8173	C	4ACSR	7.48Y	124.7	0.00	1.27	0.06	0	0	0	100	0.00	0.0	9.859	0.225	0	0	0	1
428211	PL.42902	C	Consumer	7.48Y	124.7	0.00	1.27	0.06	0	0	0	100	0.00	0.0	9.859	0.000	0	0	1	1
PL.42903	PL.42904	C	4ACSR	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	9.617	0.093	0	0	0	1
428213	PL.42903	C	Consumer	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	9.617	0.000	0	0	1	1
428208	PL.6682	C	Consumer	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	9.359	0.000	0	0	1	1
428204	PL.10346	C	Consumer	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	9.217	0.000	0	0	1	1
PL.42897	PL.42887	C	4ACSR	7.49Y	124.8	0.00	1.25	0.71	1	5	2	93	0.00	0.0	9.025	0.007	0	0	0	1
PD.8171	PL.42897	C	fuse6AMP	7.49Y	124.8	0.00	1.25	0.71	12	5	2	93	0.00	0.0	9.025	0.000	0	0	0	1
PL.42898	PD.8171	C	4ACSR	7.49Y	124.8	0.00	1.25	0.71	1	5	2	93	0.00	0.0	9.124	0.099	0	0	0	1
PL.23921	PL.42898	C	4ACSR	7.48Y	124.7	0.01	1.26	0.71	1	5	2	93	0.00	0.0	9.450	0.325	0	0	0	1
428301	PL.23921	C	Consumer	7.48Y	124.7	0.00	1.26	0.71	0	5	2	93	0.00	0.0	9.450	0.000	5	2	1	1
PL.23919	PL.42885	C	4ACSR	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	8.234	0.000	0	0	0	0
419911	PL.19234	C	Consumer	7.50Y	125.0	0.00	1.02	0.04	0	0	0	100	0.00	0.0	7.691	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.42880	PL.25366	C	4ACSR	7.50Y	125.1	0.00	0.95	1.26	1	9	3	95	0.00	0.0	7.398	0.005	0	0	0	3
PD.8160	PL.42880	C	fuse6AMP	7.50Y	125.1	0.00	0.95	1.26	21	9	3	95	0.00	0.0	7.398	0.000	0	0	0	3
PL.42881	PD.8160	C	4ACSR	7.50Y	125.0	0.00	0.95	1.26	1	9	3	95	0.00	0.0	7.447	0.049	0	0	0	3
PL.2210	PL.42881	C	4ACSR	7.50Y	125.0	0.01	0.96	1.26	1	9	3	95	0.00	0.0	7.601	0.154	0	0	0	2
419907	PL.2210	C	Consumer	7.50Y	125.0	0.00	0.96	0.64	0	5	2	93	0.00	0.0	7.601	0.000	5	2	1	1
PL.18555	PL.2210	C	4ACSR	7.50Y	125.0	0.00	0.96	0.61	1	4	2	89	0.00	0.0	7.658	0.057	0	0	0	1
419918	PL.18555	C	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	7.658	0.000	0	0	0	0
PL.18556	PL.18555	C	4ACSR	7.50Y	125.0	0.00	0.96	0.61	1	4	2	89	0.00	0.0	7.754	0.096	0	0	0	1
419910	PL.18556	C	Consumer	7.50Y	125.0	0.00	0.96	0.61	0	4	2	89	0.00	0.0	7.754	0.000	4	2	1	1
PL.25365	PL.42881	C	4ACSR	7.50Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	7.487	0.040	0	0	0	1
419905	PL.25365	C	Consumer	7.50Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	7.487	0.000	0	0	1	1
PL.42878	PL.20327	C	4ACSR	7.50Y	125.1	0.00	0.93	0.11	0	1	0	100	0.00	0.0	7.338	0.005	0	0	0	3
PD.8159	PL.42878	C	fuse6AMP	7.50Y	125.1	0.00	0.93	0.11	2	1	0	100	0.00	0.0	7.338	0.000	0	0	0	3
PL.42879	PD.8159	C	4ACSR	7.50Y	125.1	0.00	0.93	0.11	0	1	0	100	0.00	0.0	7.444	0.106	0	0	0	3
419917	PL.42879	C	Consumer	7.50Y	125.1	0.00	0.93	0.09	0	1	0	100	0.00	0.0	7.444	0.000	1	0	1	1
419914	PL.42879	C	Consumer	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	7.444	0.000	0	0	1	1
419916	PL.42879	C	Consumer	7.50Y	125.1	0.00	0.93	0.01	0	0	0	100	0.00	0.0	7.444	0.000	0	0	1	1
PL.10349	PL.9108	C	4ACSR	7.52Y	125.4	0.00	0.60	0.37	0	3	1	95	0.00	0.0	6.662	0.014	0	0	0	1
PD.1539	PL.10349	C	fuse6AMP	7.52Y	125.4	0.00	0.60	0.37	6	3	1	95	0.00	0.0	6.662	0.000	0	0	0	1
PL.10350	PD.1539	C	4ACSR	7.52Y	125.4	0.00	0.60	0.37	0	3	1	95	0.00	0.0	6.762	0.101	0	0	0	1
470901	PL.10350	C	Consumer	7.52Y	125.4	0.00	0.60	0.37	0	3	1	95	0.00	0.0	6.762	0.000	3	1	1	1
PL.25078	PL.10393	A	6ACWC	7.56Y	126.0	0.04	0.03	0.00	0	0	0	100	1.07	0.4	6.057	0.276	0	0	0	1
		B		7.50Y	125.0	0.52	1.00	40.17	34	284	105	94					0	0	0	78
		C		7.56Y	126.1	-0.12	-0.05	0.78	1	6	2	94					0	0	0	3
PL.42860	PL.25078	C	4ACSR	7.56Y	126.1	0.00	-0.05	0.00	0	0	0	100	0.00	0.0	6.060	0.004	0	0	0	1
PD.8150	PL.42860	C	fuse6AMP	7.56Y	126.1	0.00	-0.05	0.00	0	0	0	100	0.00	0.0	6.060	0.000	0	0	0	1
PL.42861	PD.8150	C	4ACSR	7.56Y	126.1	0.00	-0.05	0.00	0	0	0	100	0.00	0.0	6.115	0.054	0	0	0	1
471911	PL.42861	C	Consumer	7.56Y	126.1	0.00	-0.05	0.00	0	0	0	100	0.00	0.0	6.115	0.000	0	0	1	1
PL.25079	PL.25078	A	6ACWC	7.56Y	125.9	0.02	0.05	0.00	0	0	0	100	0.52	0.2	6.192	0.135	0	0	0	0
		B		7.49Y	124.8	0.25	1.25	40.17	34	283	105	94					0	0	0	78
		C		7.57Y	126.1	-0.06	-0.11	0.78	1	6	2	94					0	0	0	2
PL.25077	PL.25079	A	6ACWC	7.56Y	125.9	0.03	0.08	0.00	0	0	0	100	0.72	0.3	6.377	0.185	0	0	0	0
		B		7.46Y	124.4	0.35	1.60	40.17	34	282	104	94					0	0	0	78
		C		7.57Y	126.2	-0.09	-0.20	0.00	0	0	0	100					0	0	0	0
PL.10394	PL.25077	B	4ACSR	7.46Y	124.4	0.02	1.62	40.17	34	281	104	94	0.04	0.0	6.388	0.011	0	0	0	78
PD.423-A	PL.10394	B	Closed	7.46Y	124.4	0.00	1.62	40.17	0	281	104	94	0.00	0.0	6.388	0.000	0	0	0	78
PD.423-B	PD.423-A	B	Closed	7.46Y	124.4	0.00	1.62	40.17	0	281	104	94	0.00	0.0	6.388	0.000	0	0	0	78
PL.43702	PD.423-B	B	4ACSR	7.46Y	124.3	0.08	1.70	40.17	34	281	104	94	0.18	0.1	6.434	0.046	0	0	0	78
C PD.8314	PL.43702	B	50E	7.46Y	124.3	0.00	1.70	40.17	80	281	104	94	0.00	0.0	6.434	0.000	0	0	0	78 C
PL.43701	PD.8314	B	4ACSR	7.42Y	123.7	0.58	2.29	40.17	34	281	104	94	1.23	0.4	6.753	0.319	0	0	0	78
PD.422-A	PL.43701	B	Closed	7.42Y	123.7	0.00	2.29	40.17	0	280	103	94	0.00	0.0	6.753	0.000	0	0	0	78

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.422-B	PD.422-A	B	Closed	7.42Y	123.7	0.00	2.29	40.17	0	280	103	94	0.00	0.0	6.753	0.000	0	0	0	78
PL.26764	PD.422-B	B	4ACSR	7.42Y	123.6	0.10	2.38	40.17	34	280	103	94	0.20	0.1	6.805	0.052	0	0	0	78
471923	PL.26764	B	Consumer	7.42Y	123.6	0.00	2.38	0.08	0	1	0	100	0.00	0.0	6.805	0.000	1	0	1	1
PL.2956	PL.26764	B	4ACSR	7.41Y	123.5	0.14	2.52	40.09	34	279	103	94	0.29	0.1	6.880	0.076	0	0	0	77
PL.2959	PL.2956	B	4ACSR	7.40Y	123.3	0.16	2.68	40.09	34	279	103	94	0.35	0.1	6.970	0.090	0	0	0	77
471917	PL.2959	B	Consumer	7.40Y	123.3	0.00	2.68	0.02	0	0	0	100	0.00	0.0	6.970	0.000	0	0	1	1
PL.2958	PL.2959	B	4ACSR	7.38Y	123.0	0.27	2.96	40.07	34	278	102	94	0.57	0.2	7.120	0.150	0	0	0	76
PL.42915	PL.2958	B	4ACSR	7.38Y	123.0	0.00	2.96	39.75	33	275	101	94	0.01	0.0	7.122	0.002	0	0	0	74
PD.8178-A	PL.42915	B	Closed	7.38Y	123.0	0.00	2.96	39.75	0	275	101	94	0.00	0.0	7.122	0.000	0	0	0	74
PD.8178-B	PD.8178-A	B	Closed	7.38Y	123.0	0.00	2.96	39.75	0	275	101	94	0.00	0.0	7.122	0.000	0	0	0	74
PL.42914	PD.8178-B	B	4ACSR	7.38Y	123.0	0.01	2.98	39.75	33	275	101	94	0.03	0.0	7.130	0.007	0	0	0	74
PL.42912	PL.42914	B	4ACSR	7.35Y	122.4	0.58	3.56	39.75	33	275	101	94	1.21	0.4	7.451	0.321	0	0	0	74
PL.42916	PL.42912	B	4ACSR	7.35Y	122.4	0.00	3.56	1.37	1	9	3	95	0.00	0.0	7.458	0.008	0	0	0	5
PD.8179	PL.42916	B	fuse6AMP	7.35Y	122.4	0.00	3.56	1.37	23	9	3	95	0.00	0.0	7.458	0.000	0	0	0	5
PL.42917	PD.8179	B	4ACSR	7.35Y	122.4	0.00	3.56	1.37	1	9	3	95	0.00	0.0	7.533	0.075	0	0	0	5
PL.25356	PL.42917	B	4ACSR	7.35Y	122.4	0.01	3.57	1.13	1	8	3	94	0.00	0.0	7.715	0.182	0	0	0	4
PL.2955	PL.25356	B	4ACSR	7.34Y	122.4	0.02	3.59	1.13	1	8	3	94	0.00	0.0	8.038	0.323	0	0	0	4
PL.2954	PL.2955	B	4ACSR	7.34Y	122.4	0.00	3.59	0.68	1	5	2	93	0.00	0.0	8.126	0.087	0	0	0	3
471802	PL.2954	B	Consumer	7.34Y	122.4	0.00	3.59	0.22	0	2	1	89	0.00	0.0	8.126	0.000	2	1	1	1
PL.29318	PL.2954	B	4ACSR	7.34Y	122.4	0.00	3.60	0.45	0	3	1	95	0.00	0.0	8.355	0.229	0	0	0	2
PL.29319	PL.29318	B	4ACSR	7.34Y	122.4	0.00	3.60	0.34	0	2	1	89	0.00	0.0	8.491	0.136	0	0	0	1
471812	PL.29319	B	Consumer	7.34Y	122.4	0.00	3.60	0.34	0	2	1	89	0.00	0.0	8.491	0.000	2	1	1	1
471810	PL.29318	B	Consumer	7.34Y	122.4	0.00	3.60	0.12	0	1	0	100	0.00	0.0	8.355	0.000	1	0	1	1
PL.2996	PL.2955	B	4ACSR	7.34Y	122.4	0.01	3.60	0.46	0	3	1	95	0.00	0.0	8.277	0.239	0	0	0	1
471811	PL.2996	B	Consumer	7.34Y	122.4	0.00	3.60	0.46	0	3	1	95	0.00	0.0	8.277	0.000	3	1	1	1
PL.25354	PL.25356	B	4ACSR	7.35Y	122.4	0.00	3.57	0.00	0	0	0	100	0.00	0.0	7.857	0.142	0	0	0	0
PL.29590	PL.42917	B	4ACSR	7.35Y	122.4	0.00	3.57	0.23	0	2	1	89	0.00	0.0	7.731	0.198	0	0	0	1
PL.29591	PL.29590	B	4ACSR	7.35Y	122.4	0.00	3.57	0.23	0	2	1	89	0.00	0.0	7.731	0.000	0	0	0	1
471809	PL.29591	B	Consumer	7.35Y	122.4	0.00	3.57	0.23	0	2	1	89	0.00	0.0	7.731	0.000	2	1	1	1
PL.25357	PL.42912	B	4ACSR	7.30Y	121.7	0.70	4.26	38.38	32	265	97	94	1.41	0.5	7.852	0.402	0	0	0	69
PL.9717	PL.25357	B	4ACSR	7.28Y	121.3	0.42	4.68	38.38	32	263	96	94	0.84	0.3	8.092	0.240	0	0	0	69
PL.40915	PL.9717	B	4ACSR	7.27Y	121.2	0.11	4.79	38.38	32	263	96	94	0.21	0.1	8.153	0.060	0	0	0	69
PD.7291-A	PL.40915	B	Closed	7.27Y	121.2	0.00	4.79	38.38	0	262	95	94	0.00	0.0	8.153	0.000	0	0	0	69
PD.7291-B	PD.7291-A	B	Closed	7.27Y	121.2	0.00	4.79	38.38	0	262	95	94	0.00	0.0	8.153	0.000	0	0	0	69
PL.40914	PD.7291-B	B	4ACSR	7.27Y	121.2	0.02	4.81	38.38	32	262	95	94	0.03	0.0	8.162	0.010	0	0	0	69
PL.9815	PL.40914	B	4ACSR	7.27Y	121.2	0.00	4.81	5.16	4	35	13	94	0.00	0.0	8.169	0.007	0	0	0	18
PD.7293	PL.9815	B	25L	7.27Y	121.2	0.00	4.81	5.16	21	35	13	94	0.00	0.0	8.169	0.000	0	0	0	18
PL.9814	PD.7293	B	4ACSR	7.27Y	121.2	0.02	4.83	5.16	4	35	13	94	0.01	0.0	8.257	0.087	0	0	0	18

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.25076	PL.9814	B	4ACSR	7.26Y	121.1	0.10	4.93	4.29	4	29	11	93	0.02	0.1	8.771	0.514	0	0	0	16
PL.2946	PL.25076	B	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	8.855	0.084	0	0	0	0
PL.2927	PL.2946	B	4ACSR	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	8.916	0.060	0	0	0	0
470709	PL.2927	B	Consumer	7.26Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	8.916	0.000	0	0	0	0
PL.25075	PL.25076	B	4ACSR	7.26Y	121.1	0.01	4.94	3.79	3	26	9	94	0.00	0.0	8.846	0.075	0	0	0	14
PL.42921	PL.25075	B	4ACSR	7.26Y	121.0	0.01	4.95	3.79	3	26	9	94	0.00	0.0	8.905	0.059	0	0	0	14
PD.8181-A	PL.42921	B	Closed	7.26Y	121.0	0.00	4.95	3.79	0	26	9	94	0.00	0.0	8.905	0.000	0	0	0	14
PD.8181-B	PD.8181-A	B	Closed	7.26Y	121.0	0.00	4.95	3.79	0	26	9	94	0.00	0.0	8.905	0.000	0	0	0	14
PL.42920	PD.8181-B	B	4ACSR	7.26Y	121.0	0.00	4.95	3.79	3	26	9	94	0.00	0.0	8.910	0.005	0	0	0	14
470706	PL.42920	B	Consumer	7.26Y	121.0	0.00	4.95	0.04	0	0	0	100	0.00	0.0	8.910	0.000	0	0	1	1
PL.42918	PL.42920	B	4ACSR	7.26Y	121.0	0.00	4.95	0.12	0	1	0	100	0.00	0.0	8.913	0.004	0	0	0	3
PD.8180	PL.42918	B	fuse6AMP	7.26Y	121.0	0.00	4.95	0.12	2	1	0	100	0.00	0.0	8.913	0.000	0	0	0	3
PL.42919	PD.8180	B	4ACSR	7.26Y	121.0	0.00	4.95	0.12	0	1	0	100	0.00	0.0	8.971	0.058	0	0	0	3
PL.6585	PL.42919	B	4ACSR	7.26Y	121.0	0.00	4.96	0.12	0	1	0	100	0.00	0.0	9.247	0.276	0	0	0	3
419707	PL.6585	B	Consumer	7.26Y	121.0	0.00	4.96	0.06	0	0	0	100	0.00	0.0	9.247	0.000	0	0	1	1
PL.6586	PL.6585	B	4ACSR	7.26Y	121.0	0.00	4.96	0.06	0	0	0	100	0.00	0.0	9.329	0.082	0	0	0	2
PL.2190	PL.6586	B	4ACSR	7.26Y	121.0	0.00	4.96	0.00	0	0	0	100	0.00	0.0	9.586	0.257	0	0	0	1
PL.2213	PL.2190	B	4ACSR	7.26Y	121.0	0.00	4.96	0.00	0	0	0	100	0.00	0.0	9.675	0.089	0	0	0	1
419806	PL.2213	B	Consumer	7.26Y	121.0	0.00	4.96	0.00	0	0	0	100	0.00	0.0	9.675	0.000	0	0	1	1
419706	PL.6586	B	Consumer	7.26Y	121.0	0.00	4.96	0.06	0	0	0	100	0.00	0.0	9.329	0.000	0	0	1	1
PL.24927	PL.42920	B	4ACSR	7.26Y	121.0	0.03	4.98	3.63	3	25	9	94	0.01	0.0	9.083	0.173	0	0	0	10
PL.24926	PL.24927	B	4ACSR	7.26Y	121.0	0.03	5.01	2.88	2	20	7	94	0.00	0.0	9.284	0.201	0	0	0	8
PL.8661	PL.24926	B	4ACSR	7.26Y	121.0	0.01	5.02	2.87	2	20	7	94	0.00	0.0	9.341	0.057	0	0	0	7
PL.8662	PL.8661	B	4ACSR	7.26Y	121.0	0.01	5.03	2.24	2	15	6	93	0.00	0.0	9.460	0.119	0	0	0	5
PL.28033	PL.8662	B	4ACSR	7.26Y	121.0	0.00	5.03	0.86	1	6	2	95	0.00	0.0	9.543	0.083	0	0	0	4
PL.28032	PL.28033	B	4ACSR	7.26Y	121.0	0.00	5.03	0.86	1	6	2	95	0.00	0.0	9.583	0.039	0	0	0	4
470713	PL.28032	B	Consumer	7.26Y	121.0	0.00	5.03	0.00	0	0	0	100	0.00	0.0	9.583	0.000	0	0	1	1
PL.8663	PL.28032	B	4ACSR	7.26Y	121.0	0.00	5.03	0.86	1	6	2	95	0.00	0.0	9.627	0.045	0	0	0	3
PL.38183	PL.8663	B	4ACSR	7.26Y	121.0	0.00	5.03	0.00	0	0	0	100	0.00	0.0	9.633	0.005	0	0	0	2
PD.6642	PL.38183	B	fuse6AMP	7.26Y	121.0	0.00	5.03	0.00	0	0	0	100	0.00	0.0	9.633	0.000	0	0	0	2
PL.38184	PD.6642	B	4ACSR	7.26Y	121.0	0.00	5.03	0.00	0	0	0	100	0.00	0.0	9.696	0.063	0	0	0	2
470710	PL.38184	B	Consumer	7.26Y	121.0	0.00	5.03	0.00	0	0	0	100	0.00	0.0	9.696	0.000	0	0	1	1
470708	PL.38184	B	Consumer	7.26Y	121.0	0.00	5.03	0.00	0	0	0	100	0.00	0.0	9.696	0.000	0	0	1	1
PL.17978	PL.8663	B	4ACSR	7.26Y	121.0	0.00	5.04	0.86	1	6	2	95	0.00	0.0	9.631	0.004	0	0	0	1
PL.17977	PL.17978	B	4ACSR	7.26Y	121.0	0.00	5.04	0.86	1	6	2	95	0.00	0.0	9.635	0.004	0	0	0	1
PL.24925	PL.17977	B	4ACSR	7.26Y	121.0	0.00	5.04	0.86	1	6	2	95	0.00	0.0	9.642	0.008	0	0	0	1
PL.45476	PL.24925	B	4ACSR	7.26Y	121.0	0.00	5.04	0.00	0	0	0	100	0.00	0.0	9.669	0.027	0	0	0	0
PD.8652-B	PL.45476	B	Open	7.26Y	121.0	0.00	5.04	0.00	0	0	0	100	0.00	0.0	9.669	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
470707	PL.24925	B	Consumer	7.26Y	121.0	0.00	5.04	0.86	0	6	2	95	0.00	0.0	9.642	0.000	6	2	1	1
470714	PL.28033	B	Consumer	7.26Y	121.0	0.00	5.03	0.00	0	0	0	100	0.00	0.0	9.543	0.000	0	0	0	0
PL.2932	PL.8662	B	4ACSR	7.26Y	121.0	0.00	5.03	0.00	0	0	0	100	0.00	0.0	9.597	0.137	0	0	0	0
PL.2933	PL.8662	B	4ACSR	7.26Y	121.0	0.01	5.04	1.38	1	9	3	95	0.00	0.0	9.587	0.127	0	0	0	1
PL.2187	PL.2933	B	4ACSR	7.26Y	121.0	0.01	5.04	1.38	1	9	3	95	0.00	0.0	9.678	0.091	0	0	0	1
419713	PL.2187	B	Consumer	7.26Y	121.0	0.00	5.04	1.38	0	9	3	95	0.00	0.0	9.678	0.000	9	3	1	1
PL.2926	PL.8661	B	4ACSR	7.26Y	121.0	0.00	5.02	0.44	0	3	1	95	0.00	0.0	9.541	0.200	0	0	0	1
470702	PL.2926	B	Consumer	7.26Y	121.0	0.00	5.02	0.44	0	3	1	95	0.00	0.0	9.541	0.000	3	1	1	1
PL.2923	PL.2926	B	4ACSR	7.26Y	121.0	0.00	5.02	0.00	0	0	0	100	0.00	0.0	9.693	0.153	0	0	0	0
470701	PL.8661	B	Consumer	7.26Y	121.0	0.00	5.02	0.19	0	1	0	100	0.00	0.0	9.341	0.000	1	0	1	1
470703	PL.24926	B	Consumer	7.26Y	121.0	0.00	5.01	0.00	0	0	0	100	0.00	0.0	9.284	0.000	0	0	1	1
PL.42922	PL.24927	B	4ACSR	7.26Y	121.0	0.00	4.98	0.18	0	1	0	100	0.00	0.0	9.087	0.004	0	0	0	1
PD.8182	PL.42922	B	fuse6AMP	7.26Y	121.0	0.00	4.98	0.18	3	1	0	100	0.00	0.0	9.087	0.000	0	0	0	1
PL.42923	PD.8182	B	4ACSR	7.26Y	121.0	0.00	4.98	0.18	0	1	0	100	0.00	0.0	9.140	0.053	0	0	0	1
470711	PL.42923	B	Consumer	7.26Y	121.0	0.00	4.98	0.00	0	0	0	100	0.00	0.0	9.140	0.000	0	0	0	0
470704	PL.42923	B	Consumer	7.26Y	121.0	0.00	4.98	0.18	0	1	0	100	0.00	0.0	9.140	0.000	1	0	1	1
470705	PL.24927	B	Consumer	7.26Y	121.0	0.00	4.98	0.57	0	4	1	97	0.00	0.0	9.083	0.000	4	1	1	1
PL.2947	PL.25076	B	4ACSR	7.26Y	121.1	0.00	4.93	0.49	0	3	1	95	0.00	0.0	8.889	0.118	0	0	0	2
PL.2212	PL.2947	B	4ACSR	7.26Y	121.1	0.01	4.94	0.49	0	3	1	95	0.00	0.0	9.142	0.253	0	0	0	2
419804	PL.2212	B	Consumer	7.26Y	121.1	0.00	4.94	0.08	0	1	0	100	0.00	0.0	9.142	0.000	1	0	1	1
419801	PL.2212	B	Consumer	7.26Y	121.1	0.00	4.94	0.42	0	3	1	95	0.00	0.0	9.142	0.000	3	1	1	1
470804	PL.9814	B	Consumer	7.27Y	121.2	0.00	4.83	0.88	0	6	2	95	0.00	0.0	8.257	0.000	6	2	1	1
470803	PL.9814	B	Consumer	7.27Y	121.2	0.00	4.83	0.00	0	0	0	100	0.00	0.0	8.257	0.000	0	0	1	1
PL.10044	PL.40914	B	4ACSR	7.27Y	121.2	0.02	4.82	33.22	28	227	83	94	0.03	0.0	8.172	0.010	0	0	0	51
PD.420-A	PL.10044	B	Closed	7.27Y	121.2	0.00	4.82	33.22	0	227	82	94	0.00	0.0	8.172	0.000	0	0	0	51
PD.420-B	PD.420-A	B	Closed	7.27Y	121.2	0.00	4.82	33.22	0	227	82	94	0.00	0.0	8.172	0.000	0	0	0	51
PL.10043	PD.420-B	B	4ACSR	7.27Y	121.1	0.08	4.90	33.22	28	227	82	94	0.14	0.1	8.225	0.053	0	0	0	51
PL.2980	PL.10043	B	4ACSR	7.27Y	121.1	0.00	4.90	0.02	0	0	0	100	0.00	0.0	8.278	0.053	0	0	0	1
470816	PL.2980	B	Consumer	7.27Y	121.1	0.00	4.90	0.02	0	0	0	100	0.00	0.0	8.278	0.000	0	0	1	1
PL.25358	PL.10043	B	4ACSR	7.25Y	120.9	0.19	5.10	33.20	28	227	82	94	0.34	0.1	8.353	0.128	0	0	0	50
PL.24939	PL.25358	B	4ACSR	7.24Y	120.7	0.21	5.30	28.73	24	196	70	94	0.31	0.2	8.511	0.157	0	0	0	42
PL.42589	PL.24939	B	4ACSR	7.20Y	120.0	0.68	5.98	28.09	24	191	69	94	1.00	0.5	9.043	0.532	0	0	0	41
C PD.8514	PL.42589	B	fuse6AMP	7.20Y	120.0	0.00	5.98	28.09	480	190	68	94	0.00	0.0	9.043	0.000	0	0	0	41 C
PL.42588	PD.8514	B	4ACSR	7.20Y	120.0	0.01	5.99	28.09	24	190	68	94	0.01	0.0	9.049	0.006	0	0	0	41
PL.25421	PL.42588	B	4ACSR	7.18Y	119.6	0.42	6.41	24.21	20	164	59	94	0.53	0.3	9.427	0.378	0	0	0	29
PL.9092	PL.25421	B	4ACSR	7.17Y	119.5	0.09	6.50	23.40	20	158	56	94	0.10	0.1	9.507	0.080	0	0	0	27
PL.42595	PL.9092	B	4ACSR	7.17Y	119.5	0.04	6.54	22.88	19	155	55	94	0.05	0.0	9.550	0.043	0	0	0	26
PL.42597	PL.42595	B	4ACSR	7.17Y	119.5	0.00	6.54	0.54	0	4	1	97	0.00	0.0	9.555	0.005	0	0	0	1

Unbalanced Voltage Drop Report
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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PD.8517	PL.42597	B	fuse6AMP	7.17Y	119.5	0.00	6.54	0.54	9	4	1	97	0.00	0.0	9.555	0.000	0	0	0	1
PL.42598	PD.8517	B	4ACSR	7.17Y	119.5	0.00	6.54	0.54	0	4	1	97	0.00	0.0	9.628	0.073	0	0	0	1
418818	PL.42598	B	Consumer	7.17Y	119.5	0.00	6.54	0.54	0	4	1	97	0.00	0.0	9.628	0.000	4	1	1	1
PL.42596	PL.42595	B	4ACSR	7.16Y	119.4	0.06	6.60	22.34	19	151	54	94	0.07	0.0	9.607	0.057	0	0	0	25
PL.2215	PL.42596	B	4ACSR	7.16Y	119.4	0.00	6.60	0.34	0	2	1	89	0.00	0.0	9.645	0.037	0	0	0	1
418819	PL.2215	B	Consumer	7.16Y	119.4	0.00	6.60	0.34	0	2	1	89	0.00	0.0	9.645	0.000	2	1	1	1
PL.9089	PL.42596	B	4ACSR	7.15Y	119.2	0.19	6.78	22.00	18	149	53	94	0.21	0.1	9.792	0.185	0	0	0	24
PL.9090	PL.9089	B	4ACSR	7.14Y	119.1	0.16	6.94	21.45	18	145	51	94	0.18	0.1	9.952	0.159	0	0	0	20
PL.42601	PL.9090	B	4ACSR	7.13Y	118.9	0.16	7.10	21.45	18	144	51	94	0.18	0.1	10.115	0.163	0	0	0	20
PD.8519-A	PL.42601	B	Closed	7.13Y	118.9	0.00	7.10	21.45	0	144	51	94	0.00	0.0	10.115	0.000	0	0	0	20
PD.8519-B	PD.8519-A	B	Closed	7.13Y	118.9	0.00	7.10	21.45	0	144	51	94	0.00	0.0	10.115	0.000	0	0	0	20
PL.42602	PD.8519-B	B	4ACSR	7.13Y	118.9	0.02	7.12	21.45	18	144	51	94	0.02	0.0	10.132	0.017	0	0	0	20
PL.9098	PL.42602	B	4ACSR	7.13Y	118.8	0.06	7.18	21.05	18	142	50	94	0.07	0.0	10.197	0.065	0	0	0	18
PL.9095	PL.9098	B	4ACSR	7.12Y	118.7	0.08	7.26	20.82	17	140	49	94	0.09	0.1	10.283	0.086	0	0	0	17
PL.42605	PL.9095	B	4ACSR	7.12Y	118.7	0.00	7.26	0.00	0	0	0	100	0.00	0.0	10.289	0.006	0	0	0	0
PL.42606	PL.42605	B	4ACSR	7.12Y	118.7	0.00	7.26	0.00	0	0	0	100	0.00	0.0	10.427	0.138	0	0	0	0
PL.5182	PL.42606	B	4ACSR	7.12Y	118.7	0.00	7.26	0.00	0	0	0	100	0.00	0.0	10.501	0.075	0	0	0	0
418801	PL.5182	B	Consumer	7.12Y	118.7	0.00	7.26	0.00	0	0	0	100	0.00	0.0	10.501	0.000	0	0	0	0
418816	PL.42606	B	Consumer	7.12Y	118.7	0.00	7.26	0.00	0	0	0	100	0.00	0.0	10.427	0.000	0	0	0	0
PL.42603	PL.9095	B	4ACSR	7.12Y	118.7	0.00	7.26	20.82	17	140	49	94	0.01	0.0	10.288	0.005	0	0	0	17
PL.42604	PL.42603	B	4ACSR	7.12Y	118.6	0.10	7.36	20.82	17	140	49	94	0.11	0.1	10.390	0.102	0	0	0	17
418810	PL.42604	B	Consumer	7.12Y	118.6	0.00	7.36	0.46	0	3	1	95	0.00	0.0	10.390	0.000	3	1	1	1
PL.9099	PL.42604	B	4ACSR	7.11Y	118.5	0.13	7.49	20.37	17	137	48	94	0.14	0.1	10.528	0.138	0	0	0	16
PL.42608	PL.9099	B	4ACSR	7.11Y	118.5	0.02	7.51	4.32	4	29	10	95	0.00	0.0	10.625	0.097	0	0	0	15
PL.42613	PL.42608	B	4ACSR	7.11Y	118.5	0.00	7.51	1.86	2	13	4	96	0.00	0.0	10.632	0.007	0	0	0	8
PL.42614	PL.42613	B	4ACSR	7.11Y	118.5	0.00	7.51	1.86	2	13	4	96	0.00	0.0	10.665	0.033	0	0	0	8
PL.10336	PL.42614	B	4ACSR	7.11Y	118.5	0.00	7.51	1.86	2	13	4	96	0.00	0.0	10.707	0.041	0	0	0	8
PL.42617	PL.10336	B	4ACSR	7.11Y	118.5	0.00	7.51	0.01	0	0	0	100	0.00	0.0	10.712	0.005	0	0	0	1
PL.42618	PL.42617	B	4ACSR	7.11Y	118.5	0.00	7.51	0.01	0	0	0	100	0.00	0.0	10.817	0.105	0	0	0	1
418713	PL.42618	B	Consumer	7.11Y	118.5	0.00	7.51	0.01	0	0	0	100	0.00	0.0	10.817	0.000	0	0	1	1
PL.10337	PL.10336	B	4ACSR	7.11Y	118.5	0.01	7.52	1.86	2	12	4	95	0.00	0.0	10.825	0.119	0	0	0	7
PL.42620	PL.10337	B	1/0EPRJCN	7.11Y	118.5	0.00	7.52	1.11	1	7	2	96	0.00	0.0	10.831	0.005	0	0	0	1
PD.8526	PL.42620	B	fuse6AMP	7.11Y	118.5	0.00	7.52	1.11	19	7	2	96	0.00	0.0	10.831	0.000	0	0	0	1
PL.42619	PD.8526	B	1/0EPRJCN	7.11Y	118.5	0.00	7.53	1.11	1	7	2	96	0.00	0.0	10.890	0.059	0	0	0	1
418705	PL.42619	B	Consumer	7.11Y	118.5	0.00	7.53	1.12	0	7	3	92	0.00	0.0	10.890	0.000	7	3	1	1
PL.10338	PL.10337	B	4ACSR	7.11Y	118.5	0.00	7.53	0.73	1	5	2	93	0.00	0.0	10.927	0.102	0	0	0	5
418721	PL.10338	B	Consumer	7.11Y	118.5	0.00	7.53	0.00	0	0	0	100	0.00	0.0	10.927	0.000	0	0	0	0
PL.42625	PL.10338	B	4ACSR	7.11Y	118.5	0.00	7.53	0.73	1	5	2	93	0.00	0.0	10.932	0.005	0	0	0	5

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.10031	PD.552	B	4ACSR	7.13Y	118.9	0.00	7.12	0.40	0	3	1	95	0.00	0.0	10.288	0.143	0	0	0	2
PL.2208	PL.10031	B	4ACSR	7.13Y	118.9	0.00	7.12	0.40	0	3	1	95	0.00	0.0	10.351	0.063	0	0	0	2
418803	PL.2208	B	Consumer	7.13Y	118.9	0.00	7.12	0.40	0	3	1	95	0.00	0.0	10.351	0.000	3	1	1	1
418811	PL.2208	B	Consumer	7.13Y	118.9	0.00	7.12	0.00	0	0	0	100	0.00	0.0	10.351	0.000	0	0	1	1
PL.42599	PL.9089	B	4ACSR	7.15Y	119.2	0.00	6.78	0.55	0	4	1	97	0.00	0.0	9.798	0.005	0	0	0	4
PD.8518	PL.42599	B	fuse6AMP	7.15Y	119.2	0.00	6.78	0.55	9	4	1	97	0.00	0.0	9.798	0.000	0	0	0	4
PL.42600	PD.8518	B	4ACSR	7.15Y	119.2	0.00	6.78	0.55	0	4	1	97	0.00	0.0	9.807	0.009	0	0	0	4
PL.2205	PL.42600	B	4ACSR	7.15Y	119.2	0.00	6.78	0.01	0	0	0	100	0.00	0.0	9.918	0.111	0	0	0	1
418807	PL.2205	B	Consumer	7.15Y	119.2	0.00	6.78	0.01	0	0	0	100	0.00	0.0	9.918	0.000	0	0	1	1
PL.9094	PL.42600	B	4ACSR	7.15Y	119.2	0.01	6.79	0.54	0	4	1	97	0.00	0.0	10.039	0.232	0	0	0	3
418809	PL.9094	B	Consumer	7.15Y	119.2	0.00	6.79	0.15	0	1	0	100	0.00	0.0	10.039	0.000	1	0	1	1
418808	PL.9094	B	Consumer	7.15Y	119.2	0.00	6.79	0.09	0	1	0	100	0.00	0.0	10.039	0.000	1	0	1	1
418805	PL.9094	B	Consumer	7.15Y	119.2	0.00	6.79	0.30	0	2	1	89	0.00	0.0	10.039	0.000	2	1	1	1
418804	PL.9094	B	Consumer	7.15Y	119.2	0.00	6.79	0.00	0	0	0	100	0.00	0.0	10.039	0.000	0	0	0	0
PL.42592	PL.9092	B	4ACSR	7.17Y	119.5	0.00	6.50	0.53	0	4	1	97	0.00	0.0	9.511	0.003	0	0	0	1
PD.8516	PL.42592	B	fuse6AMP	7.17Y	119.5	0.00	6.50	0.53	9	4	1	97	0.00	0.0	9.511	0.000	0	0	0	1
PL.42593	PD.8516	B	4ACSR	7.17Y	119.5	0.00	6.50	0.53	0	4	1	97	0.00	0.0	9.658	0.147	0	0	0	1
PL.2203	PL.42593	B	4ACSR	7.17Y	119.5	0.00	6.50	0.53	0	4	1	97	0.00	0.0	9.781	0.123	0	0	0	1
PL.2201	PL.2203	B	4ACSR	7.17Y	119.5	0.00	6.50	0.53	0	4	1	97	0.00	0.0	9.855	0.074	0	0	0	1
419808	PL.2201	B	Consumer	7.17Y	119.5	0.00	6.50	0.53	0	4	1	97	0.00	0.0	9.855	0.000	4	1	1	1
419803	PL.42593	B	Consumer	7.17Y	119.5	0.00	6.50	0.00	0	0	0	100	0.00	0.0	9.658	0.000	0	0	0	0
419805	PL.42593	B	Consumer	7.17Y	119.5	0.00	6.50	0.00	0	0	0	100	0.00	0.0	9.658	0.000	0	0	0	0
PL.42590	PL.25421	B	4ACSR	7.18Y	119.6	0.00	6.41	0.81	1	5	2	93	0.00	0.0	9.431	0.004	0	0	0	2
PD.8515	PL.42590	B	fuse6AMP	7.18Y	119.6	0.00	6.41	0.81	14	5	2	93	0.00	0.0	9.431	0.000	0	0	0	2
PL.42591	PD.8515	B	4ACSR	7.17Y	119.6	0.01	6.42	0.81	1	5	2	93	0.00	0.0	9.804	0.373	0	0	0	2
419809	PL.42591	B	Consumer	7.17Y	119.6	0.00	6.42	0.01	0	0	0	100	0.00	0.0	9.804	0.000	0	0	1	1
419807	PL.42591	B	Consumer	7.17Y	119.6	0.00	6.42	0.80	0	5	2	93	0.00	0.0	9.804	0.000	5	2	1	1
419919	PL.42588	B	Consumer	7.20Y	120.0	0.00	5.99	0.21	0	1	1	71	0.00	0.0	9.049	0.000	1	1	1	1
PL.42586	PL.42588	B	4ACSR	7.20Y	120.0	0.00	5.99	0.92	1	6	2	95	0.00	0.0	9.055	0.005	0	0	0	3
PD.8513	PL.42586	B	fuse6AMP	7.20Y	120.0	0.00	5.99	0.92	16	6	2	95	0.00	0.0	9.055	0.000	0	0	0	3
PL.42587	PD.8513	B	4ACSR	7.20Y	120.0	0.01	6.00	0.92	1	6	2	95	0.00	0.0	9.279	0.224	0	0	0	3
PL.2204	PL.42587	B	4ACSR	7.20Y	120.0	0.00	6.00	0.46	0	3	1	95	0.00	0.0	9.364	0.085	0	0	0	1
418904	PL.2204	B	Consumer	7.20Y	120.0	0.00	6.00	0.46	0	3	1	95	0.00	0.0	9.364	0.000	3	1	1	1
PL.25418	PL.42587	B	4ACSR	7.20Y	120.0	0.00	6.00	0.46	0	3	1	95	0.00	0.0	9.375	0.096	0	0	0	2
PL.25419	PL.25418	B	4ACSR	7.20Y	120.0	0.00	6.01	0.46	0	3	1	95	0.00	0.0	9.519	0.145	0	0	0	2
PL.2206	PL.25419	B	4ACSR	7.20Y	120.0	0.00	6.01	0.00	0	0	0	100	0.00	0.0	9.676	0.156	0	0	0	1
418906	PL.2206	B	Consumer	7.20Y	120.0	0.00	6.01	0.00	0	0	0	100	0.00	0.0	9.676	0.000	0	0	1	1
PL.25420	PL.25419	B	4ACSR	7.20Y	120.0	0.00	6.01	0.46	0	3	1	95	0.00	0.0	9.646	0.127	0	0	0	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.2207	PL.25420	B	4ACSR	7.20Y	120.0	0.00	6.01	0.46	0	3	1	95	0.00	0.0	9.720	0.074	0	0	0	1
418905	PL.2207	B	Consumer	7.20Y	120.0	0.00	6.01	0.46	0	3	1	95	0.00	0.0	9.720	0.000	3	1	1	1
PL.6594	PL.42588	B	4ACSR	7.20Y	120.0	0.01	6.00	2.74	2	19	7	94	0.00	0.0	9.127	0.077	0	0	0	8
419920	PL.6594	B	Consumer	7.20Y	120.0	0.00	6.00	0.45	0	3	1	95	0.00	0.0	9.127	0.000	3	1	1	1
419903	PL.6594	B	Consumer	7.20Y	120.0	0.00	6.00	0.88	0	6	2	95	0.00	0.0	9.127	0.000	6	2	1	1
PL.25362	PL.6594	B	4ACSR	7.20Y	120.0	0.01	6.01	1.41	1	10	3	96	0.00	0.0	9.227	0.100	0	0	0	6
PL.45364	PL.25362	B	4ACSR	7.20Y	120.0	0.00	6.01	0.00	0	0	0	100	0.00	0.0	9.248	0.021	0	0	0	0
PL.45363	PL.45364	B	4ACSR	7.20Y	120.0	0.00	6.01	0.00	0	0	0	100	0.00	0.0	9.256	0.009	0	0	0	0
PD.293-B	PL.45363	B	Open	7.20Y	120.0	0.00	6.01	0.00	0	0	0	100	0.00	0.0	9.256	0.000	0	0	0	0
PL.42584	PL.25362	B	4ACSR	7.20Y	120.0	0.00	6.01	1.41	1	10	3	96	0.00	0.0	9.231	0.005	0	0	0	6
PD.8512	PL.42584	B	fuse6AMP	7.20Y	120.0	0.00	6.01	1.41	24	10	3	96	0.00	0.0	9.231	0.000	0	0	0	6
PL.42585	PD.8512	B	4ACSR	7.20Y	120.0	0.00	6.01	1.41	1	10	3	96	0.00	0.0	9.247	0.016	0	0	0	6
PL.10342	PL.42585	B	4ACSR	7.20Y	120.0	0.01	6.02	1.41	1	10	3	96	0.00	0.0	9.366	0.120	0	0	0	6
419901	PL.10342	B	Consumer	7.20Y	120.0	0.00	6.02	0.05	0	0	0	100	0.00	0.0	9.366	0.000	0	0	1	1
PL.6593	PL.10342	B	4ACSR	7.20Y	120.0	0.01	6.02	1.35	1	9	3	95	0.00	0.0	9.485	0.119	0	0	0	5
PL.42580	PL.6593	B	4ACSR	7.20Y	120.0	0.00	6.02	1.01	1	7	3	92	0.00	0.0	9.491	0.006	0	0	0	1
PL.42581	PL.42580	B	4ACSR	7.20Y	120.0	0.00	6.03	1.01	1	7	3	92	0.00	0.0	9.542	0.050	0	0	0	1
419915	PL.42581	B	Consumer	7.20Y	120.0	0.00	6.03	1.01	0	7	3	92	0.00	0.0	9.542	0.000	7	3	1	1
PL.6591	PL.6593	B	4ACSR	7.20Y	120.0	0.00	6.03	0.34	0	2	1	89	0.00	0.0	9.530	0.045	0	0	0	4
PL.6592	PL.6591	B	4ACSR	7.20Y	120.0	0.00	6.03	0.34	0	2	1	89	0.00	0.0	9.556	0.026	0	0	0	3
PL.2985	PL.6592	B	4ACSR	7.20Y	120.0	0.00	6.03	0.34	0	2	1	89	0.00	0.0	9.674	0.118	0	0	0	3
470814	PL.2985	B	Consumer	7.20Y	120.0	0.00	6.03	0.03	0	0	0	100	0.00	0.0	9.674	0.000	0	0	1	1
470807	PL.2985	B	Consumer	7.20Y	120.0	0.00	6.03	0.30	0	2	1	89	0.00	0.0	9.674	0.000	2	1	1	1
470813	PL.2985	B	Consumer	7.20Y	120.0	0.00	6.03	0.01	0	0	0	100	0.00	0.0	9.674	0.000	0	0	1	1
419810	PL.6591	B	Consumer	7.20Y	120.0	0.00	6.03	0.00	0	0	0	100	0.00	0.0	9.530	0.000	0	0	1	1
PL.2982	PL.24939	B	4ACSR	7.24Y	120.7	0.00	5.31	0.64	1	4	2	89	0.00	0.0	8.663	0.153	0	0	0	1
4708005	PL.2982	B	Consumer	7.24Y	120.7	0.00	5.31	0.64	0	4	2	89	0.00	0.0	8.663	0.000	4	2	1	1
PL.2981	PL.25358	B	4ACSR	7.25Y	120.9	0.03	5.12	4.47	4	30	12	93	0.01	0.0	8.495	0.141	0	0	0	7
PL.25359	PL.2981	B	4ACSR	7.25Y	120.9	0.01	5.14	1.50	1	10	4	93	0.00	0.0	8.646	0.151	0	0	0	2
PL.25360	PL.25359	B	4ACSR	7.25Y	120.9	0.00	5.14	0.70	1	5	2	93	0.00	0.0	8.684	0.038	0	0	0	1
470808	PL.25360	B	Consumer	7.25Y	120.9	0.00	5.14	0.70	0	5	2	93	0.00	0.0	8.684	0.000	5	2	1	1
PL.2992	PL.25359	B	4ACSR	7.25Y	120.9	0.00	5.14	0.80	1	5	3	86	0.00	0.0	8.759	0.113	0	0	0	1
470818	PL.2992	B	Consumer	7.25Y	120.9	0.00	5.14	0.80	0	5	3	86	0.00	0.0	8.759	0.000	5	3	1	1
PL.24935	PL.2981	B	4ACSR	7.25Y	120.9	0.01	5.13	2.97	2	20	7	94	0.00	0.0	8.540	0.046	0	0	0	5
PL.24936	PL.24935	B	4ACSR	7.25Y	120.9	0.01	5.14	2.38	2	16	6	94	0.00	0.0	8.641	0.100	0	0	0	4
PL.2984	PL.24936	B	4ACSR	7.25Y	120.9	0.00	5.14	0.26	0	2	1	89	0.00	0.0	8.680	0.039	0	0	0	1
PL.2983	PL.2984	B	4ACSR	7.25Y	120.9	0.00	5.14	0.26	0	2	1	89	0.00	0.0	8.755	0.075	0	0	0	1
470817	PL.2983	B	Consumer	7.25Y	120.9	0.00	5.14	0.26	0	2	1	89	0.00	0.0	8.755	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.2995	PL.24936	B	4ACSR	7.25Y	120.9	0.00	5.14	0.93	1	6	2	95	0.00	0.0	8.667	0.027	0	0	0	1
470819	PL.2995	B	Consumer	7.25Y	120.9	0.00	5.14	0.93	0	6	2	95	0.00	0.0	8.667	0.000	6	2	1	1
470811	PL.24936	B	Consumer	7.25Y	120.9	0.00	5.14	1.19	0	8	3	94	0.00	0.0	8.641	0.000	8	3	1	1
470812	PL.24936	B	Consumer	7.25Y	120.9	0.00	5.14	0.00	0	0	0	100	0.00	0.0	8.641	0.000	0	0	1	1
470810	PL.24935	B	Consumer	7.25Y	120.9	0.00	5.13	0.59	0	4	1	97	0.00	0.0	8.540	0.000	4	1	1	1
470815	PL.25358	B	Consumer	7.25Y	120.9	0.00	5.10	0.00	0	0	0	100	0.00	0.0	8.353	0.000	0	0	1	1
PL.2961	PL.25357	B	4ACSR	7.30Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	7.919	0.067	0	0	0	0
PL.42910	PL.2958	B	4ACSR	7.38Y	123.0	0.00	2.96	0.33	0	2	1	89	0.00	0.0	7.129	0.009	0	0	0	2
PD.8176	PL.42910	B	fuse6AMP	7.38Y	123.0	0.00	2.96	0.33	6	2	1	89	0.00	0.0	7.129	0.000	0	0	0	2
PL.42911	PD.8176	B	4ACSR	7.38Y	123.0	0.00	2.96	0.33	0	2	1	89	0.00	0.0	7.306	0.178	0	0	0	2
PL.2962	PL.42911	B	4ACSR	7.38Y	123.0	0.00	2.96	0.33	0	2	1	89	0.00	0.0	7.347	0.041	0	0	0	1
471808	PL.2962	B	Consumer	7.38Y	123.0	0.00	2.96	0.33	0	2	1	89	0.00	0.0	7.347	0.000	2	1	1	1
PL.2963	PL.42911	B	4ACSR	7.38Y	123.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	7.361	0.055	0	0	0	1
471805	PL.2963	B	Consumer	7.38Y	123.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	7.361	0.000	0	0	1	1
PL.9811	PL.25077	A B C	6ACWC	7.56Y 7.46Y 7.57Y	125.9 124.4 126.2	0.00 0.00 0.00	0.08 1.60 -0.20	0.00 0.00 0.00	0 0 0	0 0 0	0 0 0	100 100 100	0.00 0.00 0.00	0.0 0.0 0.0	6.380 6.380 6.380	0.003 0.000 0.000	0 0 0	0 0 0	0 0 0	0 0 0
PD.421-A	PL.9811	A B C	Open	7.56Y 7.46Y 7.57Y	125.9 124.4 126.2	0.00 0.00 0.00	0.08 1.60 -0.20	0.00 0.00 0.00	0 0 0	0 0 0	0 0 0	100 100 100	0.00 0.00 0.00	0.0 0.0 0.0	6.380 6.380 6.380	0.000 0.000 0.000	0 0 0	0 0 0	0 0 0	0 0 0
PL.14915	PL.25079	C	4ACSR	7.57Y	126.1	0.00	-0.11	0.78	1	6	2	95	0.00	0.0	6.221	0.029	0	0	0	2
PD.1533	PL.14915	C	fuse6AMP	7.57Y	126.1	0.00	-0.11	0.78	13	6	2	95	0.00	0.0	6.221	0.000	0	0	0	2
PL.26763	PD.1533	C	4ACSR	7.57Y	126.1	0.00	-0.10	0.78	1	6	2	95	0.00	0.0	6.331	0.110	0	0	0	2
472922	PL.26763	C	Consumer	7.57Y	126.1	0.00	-0.10	0.74	0	5	2	93	0.00	0.0	6.331	0.000	5	2	1	1
472910	PL.26763	C	Consumer	7.57Y	126.1	0.00	-0.10	0.04	0	0	0	100	0.00	0.0	6.331	0.000	0	0	1	1
PL.42863	PL.25078	A	4ACSR	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	6.061	0.004	0	0	0	1
PD.8151	PL.42863	A	fuse6AMP	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	6.061	0.000	0	0	0	1
PL.42862	PD.8151	A	4ACSR	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	6.143	0.082	0	0	0	1
471912	PL.42862	A	Consumer	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	6.143	0.000	0	0	1	1
PL.18215	PL.10195	A	4ACSR	7.40Y	123.3	0.00	2.69	0.97	1	7	2	96	0.00	0.0	5.367	0.019	0	0	0	3
PD.1609	PL.18215	A	fuse6AMP	7.40Y	123.3	0.00	2.69	0.97	17	7	2	96	0.00	0.0	5.367	0.000	0	0	0	3
PL.18216	PD.1609	A	4ACSR	7.40Y	123.3	0.00	2.69	0.97	1	7	2	96	0.00	0.0	5.470	0.103	0	0	0	3
PL.3278	PL.18216	A	4ACSR	7.40Y	123.3	0.00	2.70	0.97	1	7	2	96	0.00	0.0	5.575	0.106	0	0	0	3
PL.3280	PL.3278	A	4ACSR	7.40Y	123.3	0.00	2.70	0.03	0	0	0	100	0.00	0.0	5.608	0.032	0	0	0	2
PL.3281	PL.3280	A	4ACSR	7.40Y	123.3	0.00	2.70	0.03	0	0	0	100	0.00	0.0	5.726	0.118	0	0	0	2
PL.3282	PL.3281	A	4ACSR	7.40Y	123.3	0.00	2.70	0.03	0	0	0	100	0.00	0.0	5.844	0.118	0	0	0	1
481219	PL.3282	A	Consumer	7.40Y	123.3	0.00	2.70	0.03	0	0	0	100	0.00	0.0	5.844	0.000	0	0	1	1
PL.3279	PL.3281	A	4ACSR	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	5.906	0.180	0	0	0	1
481220	PL.3279	A	Consumer	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	5.906	0.000	0	0	1	1
481201	PL.3278	A	Consumer	7.40Y	123.3	0.00	2.70	0.94	0	7	2	96	0.00	0.0	5.575	0.000	7	2	1	1

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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.3289	PL.10194	C	4ACSR	7.49Y	124.9	0.00	1.13	0.68	1	5	2	93	0.00	0.0	5.274	0.038	0	0	0	1
481227	PL.3289	C	Consumer	7.49Y	124.9	0.00	1.13	0.68	0	5	2	93	0.00	0.0	5.274	0.000	5	2	1	1
PL.25409	PL.25511	C	4ACSR	7.50Y	125.1	0.00	0.94	0.74	1	5	2	93	0.00	0.0	4.752	0.011	0	0	0	1
PD.1608	PL.25409	C	fuse6AMP	7.50Y	125.1	0.00	0.94	0.74	13	5	2	93	0.00	0.0	4.752	0.000	0	0	0	1
PL.25410	PD.1608	C	4ACSR	7.50Y	125.1	0.00	0.95	0.74	1	5	2	93	0.00	0.0	4.893	0.141	0	0	0	1
PL.3276	PL.25410	C	4ACSR	7.50Y	125.1	0.00	0.95	0.74	1	5	2	93	0.00	0.0	4.943	0.050	0	0	0	1
481224	PL.3276	C	Consumer	7.50Y	125.1	0.00	0.95	0.74	0	5	2	93	0.00	0.0	4.943	0.000	5	2	1	1
481203	PL.19469	B	Consumer	7.10Y	118.3	0.00	7.66	0.19	0	1	0	100	0.00	0.0	4.722	0.000	1	0	1	1
481204	PL.27869	B	Consumer	7.11Y	118.5	0.00	7.47	0.79	0	5	2	93	0.00	0.0	4.637	0.000	5	2	1	1
PL.25544	PL.25549	C	4ACSR	7.52Y	125.4	0.00	0.64	0.20	0	1	1	71	0.00	0.0	4.125	0.016	0	0	0	2
PD.1603	PL.25544	C	fuse6AMP	7.52Y	125.4	0.00	0.64	0.20	3	1	1	71	0.00	0.0	4.125	0.000	0	0	0	2
PL.25545	PD.1603	C	4ACSR	7.52Y	125.4	0.00	0.64	0.20	0	1	1	71	0.00	0.0	4.188	0.064	0	0	0	2
PL.2594	PL.25545	C	4ACSR	7.52Y	125.4	0.00	0.64	0.20	0	1	1	71	0.00	0.0	4.362	0.174	0	0	0	1
481309	PL.2594	C	Consumer	7.52Y	125.4	0.00	0.64	0.20	0	1	1	71	0.00	0.0	4.362	0.000	1	1	1	1
481301	PL.25545	C	Consumer	7.52Y	125.4	0.00	0.64	0.00	0	0	0	100	0.00	0.0	4.188	0.000	0	0	1	1
PL.25546	PL.25548	A	4ACSR	7.40Y	123.4	0.00	2.60	1.66	1	12	4	95	0.00	0.0	3.766	0.024	0	0	0	3
PD.1607	PL.25546	A	fuse6AMP	7.40Y	123.4	0.00	2.60	1.66	28	12	4	95	0.00	0.0	3.766	0.000	0	0	0	3
PL.25547	PD.1607	A	4ACSR	7.40Y	123.4	0.01	2.61	1.66	1	12	4	95	0.00	0.0	3.922	0.156	0	0	0	3
PL.7157	PL.25547	A	4ACSR	7.40Y	123.4	0.00	2.61	1.66	1	12	4	95	0.00	0.0	3.922	0.000	0	0	0	3
481316	PL.7157	A	Consumer	7.40Y	123.4	0.00	2.61	0.25	0	2	1	89	0.00	0.0	3.922	0.000	2	1	1	1
PL.7158	PL.7157	A	4ACSR	7.40Y	123.4	0.00	2.61	1.40	1	10	4	93	0.00	0.0	3.968	0.046	0	0	0	2
PL.7159	PL.7158	A	4ACSR	7.40Y	123.4	0.00	2.62	0.09	0	1	0	100	0.00	0.0	4.042	0.074	0	0	0	1
481313	PL.7159	A	Consumer	7.40Y	123.4	0.00	2.62	0.09	0	1	0	100	0.00	0.0	4.042	0.000	1	0	1	1
481305	PL.7158	A	Consumer	7.40Y	123.4	0.00	2.61	1.32	0	9	3	95	0.00	0.0	3.968	0.000	9	3	1	1
PL.3290	PL.25551	A	4ACSR	7.41Y	123.6	0.00	2.43	0.03	0	0	0	100	0.00	0.0	3.296	0.071	0	0	0	1
481321	PL.3290	A	Consumer	7.41Y	123.6	0.00	2.43	0.03	0	0	0	100	0.00	0.0	3.296	0.000	0	0	1	1
PL.10047	PL.25553	C	4ACSR	7.54Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	3.097	0.007	0	0	0	1
PD.1606	PL.10047	C	fuse6AMP	7.54Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	3.097	0.000	0	0	0	1
PL.10048	PD.1606	C	4ACSR	7.54Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	3.127	0.030	0	0	0	1
481306	PL.10048	C	Consumer	7.54Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	3.127	0.000	0	0	1	1
PL.25554	PL.25552	A	4ACSR	7.42Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	2.905	0.009	0	0	0	0
PD.1605	PL.25554	A	fuse6AMP	7.42Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	2.905	0.000	0	0	0	0
PL.25555	PD.1605	A	4ACSR	7.42Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	2.960	0.055	0	0	0	0
481414	PL.6514	A	Consumer	7.43Y	123.8	0.00	2.25	0.00	0	0	0	100	0.00	0.0	2.760	0.000	0	0	0	0
481415	PL.6514	C	Consumer	7.54Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	2.760	0.000	0	0	0	0
481403	PL.6514	C	Consumer	7.54Y	125.7	0.00	0.31	0.43	0	3	1	95	0.00	0.0	2.760	0.000	3	1	1	1
PL.25556	PL.6514	A	4ACSR	7.43Y	123.8	0.00	2.25	0.84	1	6	2	95	0.00	0.0	2.766	0.006	0	0	0	1
PD.1620	PL.25556	A	fuse6AMP	7.43Y	123.8	0.00	2.25	0.84	14	6	2	95	0.00	0.0	2.766	0.000	0	0	0	1

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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.25557, 481422, 481418, 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							% PF	kW Loss	% Loss	mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	mi Length (mi)	KW					KVAR			
PL.38503	PL.38498	A	336ACSR	7.42Y	123.7	0.06	2.29	40.62	9	282	108	93	0.13	0.0	2.652	0.138	0	0	0	55	
		B		7.37Y	122.9	0.03	3.11	36.67	8	254	94	94					0	0	0	65	
		C		7.53Y	125.6	0.01	0.43	19.74	4	140	51	94					0	0	0	34	
PL.38507	PL.38503	A	4ACSR	7.42Y	123.7	0.00	2.29	1.17	1	8	3	94	0.00	0.0	2.658	0.006	0	0	0	2	
PD.6694	PL.38507	A	fuse6AMP	7.42Y	123.7	0.00	2.29	1.17	20	8	3	94	0.00	0.0	2.658	0.000	0	0	0	2	
PL.38508	PD.6694	A	4ACSR	7.42Y	123.7	0.00	2.29	1.17	1	8	3	94	0.00	0.0	2.675	0.017	0	0	0	2	
482410	PL.38508	A	Consumer	7.42Y	123.7	0.00	2.29	0.67	0	5	2	93	0.00	0.0	2.675	0.000	5	2	1	1	
482404	PL.38508	A	Consumer	7.42Y	123.7	0.00	2.29	0.49	0	3	1	95	0.00	0.0	2.675	0.000	3	1	1	1	
PL.40285	PL.38503	A	336ACSR	7.42Y	123.7	0.02	2.31	39.46	9	274	105	93	0.05	0.0	2.705	0.053	0	0	0	53	
		B		7.37Y	122.9	0.01	3.12	36.67	8	254	94	94					0	0	0	65	
		C		7.53Y	125.6	0.00	0.43	19.74	4	140	51	94					0	0	0	34	
4825014	PL.40285	A	Consumer	7.42Y	123.7	0.00	2.31	1.36	0	9	3	95	0.00	0.0	2.705	0.000	9	3	1	1	
PL.40286	PL.40285	A	336ACSR	7.42Y	123.7	0.02	2.32	38.10	9	264	101	93	0.03	0.0	2.741	0.036	0	0	0	52	
		B		7.37Y	122.9	0.01	3.13	36.67	8	253	94	94					0	0	0	65	
		C		7.53Y	125.6	0.00	0.44	19.74	4	140	51	94					0	0	0	34	
PL.38513	PL.40286	A	336ACSR	7.42Y	123.6	0.05	2.37	38.10	9	264	101	93	0.10	0.0	2.853	0.112	0	0	0	52	
		B		7.37Y	122.8	0.03	3.16	36.67	8	253	94	94					0	0	0	65	
		C		7.53Y	125.6	0.01	0.45	19.74	4	140	51	94					0	0	0	34	
PL.38518	PL.38513	C	2ACSR	7.53Y	125.5	0.00	0.45	1.75	1	12	5	92	0.00	0.0	2.935	0.082	0	0	0	4	
PL.38519	PL.38518	C	2ACSR	7.53Y	125.5	0.00	0.45	0.00	0	0	0	100	0.00	0.0	3.052	0.118	0	0	0	2	
482509	PL.38519	C	Consumer	7.53Y	125.5	0.00	0.45	0.00	0	0	0	100	0.00	0.0	3.052	0.000	0	0	1	1	
482510	PL.38519	C	Consumer	7.53Y	125.5	0.00	0.45	0.00	0	0	0	100	0.00	0.0	3.052	0.000	0	0	1	1	
PL.6508	PL.38518	C	4ACSR	7.53Y	125.5	0.00	0.45	1.75	1	12	5	92	0.00	0.0	2.955	0.020	0	0	0	2	
482502	PL.6508	C	Consumer	7.53Y	125.5	0.00	0.45	1.75	0	12	5	92	0.00	0.0	2.955	0.000	12	5	1	1	
482512	PL.6508	C	Consumer	7.53Y	125.5	0.00	0.45	0.00	0	0	0	100	0.00	0.0	2.955	0.000	0	0	1	1	
PL.38522	PL.38513	A	336ACSR	7.42Y	123.6	0.02	2.39	38.10	9	264	101	93	0.04	0.0	2.897	0.044	0	0	0	52	
		B		7.37Y	122.8	0.01	3.17	36.67	8	253	94	94					0	0	0	65	
		C		7.53Y	125.6	0.00	0.45	18.00	4	127	47	94					0	0	0	30	
PL.38524	PL.38522	A	336ACSR	7.42Y	123.6	0.01	2.40	38.10	9	264	101	93	0.02	0.0	2.921	0.024	0	0	0	52	
		B		7.37Y	122.8	0.01	3.17	36.67	8	253	94	94					0	0	0	65	
		C		7.53Y	125.5	0.00	0.45	18.00	4	127	47	94					0	0	0	30	
PL.38526	PL.38524	A	336ACSR	7.42Y	123.6	0.01	2.42	38.10	9	264	101	93	0.03	0.0	2.950	0.029	0	0	0	52	
		B		7.37Y	122.8	0.01	3.18	36.67	8	253	94	94					0	0	0	65	
		C		7.53Y	125.5	0.00	0.45	18.00	4	127	47	94					0	0	0	30	
PL.38528	PL.38526	A	336ACSR	7.41Y	123.6	0.01	2.43	38.10	9	264	101	93	0.03	0.0	2.983	0.033	0	0	0	52	
		B		7.37Y	122.8	0.01	3.19	36.67	8	253	94	94					0	0	0	65	
		C		7.53Y	125.5	0.00	0.45	18.00	4	127	47	94					0	0	0	30	
PL.38530	PL.38528	A	336ACSR	7.41Y	123.6	0.02	2.45	38.10	9	264	101	93	0.04	0.0	3.028	0.045	0	0	0	52	
		B		7.37Y	122.8	0.01	3.20	36.67	8	253	94	94					0	0	0	65	
		C		7.53Y	125.5	0.00	0.46	18.00	4	127	47	94					0	0	0	30	
PL.38539	PL.38530	A	336ACSR	7.41Y	123.5	0.03	2.48	37.36	8	259	99	93	0.06	0.0	3.098	0.069	0	0	0	50	
		B		7.37Y	122.8	0.02	3.21	36.00	8	249	92	94					0	0	0	63	
		C		7.53Y	125.5	0.00	0.46	18.00	4	127	47	94					0	0	0	30	
PL.38550	PL.38539	A	2ACSR	7.41Y	123.5	0.00	2.48	0.96	1	7	2	96	0.00	0.0	3.110	0.013	0	0	0	1	
PD.6697	PL.38550	A	fuse6AMP	7.41Y	123.5	0.00	2.48	0.96	16	7	2	96	0.00	0.0	3.110	0.000	0	0	0	1	
PL.38551	PD.6697	A	2ACSR	7.41Y	123.5	0.00	2.48	0.96	1	7	2	96	0.00	0.0	3.140	0.030	0	0	0	1	
483511	PL.38551	A	Consumer	7.41Y	123.5	0.00	2.48	0.96	0	7	2	96	0.00	0.0	3.140	0.000	7	2	1	1	

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.38541	PL.38539	A	336ACSR	7.41Y	123.5	0.04	2.52	36.41	8	252	97	93	0.07	0.0	3.184	0.086	0	0	0	49		
		B		7.37Y	122.8	0.02	3.23	36.00	8	249	92	94					0	0	0	63		
		C		7.53Y	125.5	0.01	0.47	18.00	4	127	47	94					0	0	0	30		
PL.38546	PL.38541	A	4ACSR	7.41Y	123.5	0.00	2.52	1.20	1	8	3	94	0.00	0.0	3.198	0.015	0	0	0	2		
PD.6695	PL.38546	A	fuse6AMP	7.41Y	123.5	0.00	2.52	1.20	20	8	3	94	0.00	0.0	3.198	0.000	0	0	0	2		
PL.38547	PD.6695	A	4ACSR	7.41Y	123.5	0.01	2.52	1.20	1	8	3	94	0.00	0.0	3.314	0.116	0	0	0	2		
PL.25692	PL.38547	A	4ACSR	7.41Y	123.5	0.01	2.54	1.20	1	8	3	94	0.00	0.0	3.582	0.267	0	0	0	2		
483402	PL.25692	A	Consumer	7.41Y	123.5	0.00	2.54	1.20	0	8	3	94	0.00	0.0	3.582	0.000	8	3	1	1		
483407	PL.25692	A	Consumer	7.41Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	3.582	0.000	0	0	1	1		
PL.38558	PL.38541	A	336ACSR	7.41Y	123.5	0.02	2.53	35.21	8	244	93	93	0.03	0.0	3.224	0.041	0	0	0	47		
		B		7.37Y	122.8	0.01	3.24	35.42	8	245	90	94					0	0	0	61		
		C		7.53Y	125.5	0.00	0.47	18.00	4	127	47	94					0	0	0	30		
PL.38559	PL.38558	A	336ACSR	7.41Y	123.4	0.02	2.56	35.21	8	244	93	93	0.05	0.0	3.286	0.062	0	0	0	47		
		B		7.36Y	122.7	0.01	3.26	33.45	8	231	85	94					0	0	0	58		
		C		7.53Y	125.5	0.00	0.48	18.00	4	127	47	94					0	0	0	30		
PL.38569	PL.38559	A	336ACSR	7.41Y	123.4	0.02	2.58	35.21	8	244	93	93	0.04	0.0	3.348	0.061	0	0	0	47		
		B		7.36Y	122.7	0.01	3.27	31.20	7	216	80	94					0	0	0	55		
		C		7.53Y	125.5	0.01	0.48	18.00	4	127	47	94					0	0	0	30		
PL.38568	PL.38569	A	336ACSR	7.40Y	123.4	0.02	2.60	35.21	8	243	93	93	0.03	0.0	3.394	0.047	0	0	0	47		
		B		7.36Y	122.7	0.01	3.28	29.93	7	207	76	94					0	0	0	54		
		C		7.53Y	125.5	0.00	0.49	18.00	4	127	47	94					0	0	0	30		
483538	PL.38568	B	Consumer	7.36Y	122.7	0.00	3.28	0.52	0	4	1	97	0.00	0.0	3.394	0.000	4	1	1	1		
4835043	PL.38568	A	Consumer	7.40Y	123.4	0.00	2.60	0.00	0	0	0	100	0.00	0.0	3.394	0.000	0	0	0	0		
PL.38573	PL.38568	A	336ACSR	7.40Y	123.4	0.01	2.61	35.21	8	243	93	93	0.02	0.0	3.430	0.036	0	0	0	47		
		B		7.36Y	122.7	0.01	3.28	29.41	7	203	75	94					0	0	0	53		
		C		7.53Y	125.5	0.00	0.49	18.00	4	127	47	94					0	0	0	30		
PL.3117	PL.38573	A	4ACSR	7.40Y	123.4	0.01	2.63	1.93	2	13	5	93	0.00	0.0	3.579	0.148	0	0	0	2		
4835041	PL.3117	A	Consumer	7.40Y	123.4	0.00	2.63	0.68	0	5	2	93	0.00	0.0	3.579	0.000	5	2	1	1		
483537	PL.3117	A	Consumer	7.40Y	123.4	0.00	2.63	1.25	0	9	3	95	0.00	0.0	3.579	0.000	9	3	1	1		
PL.38574	PL.38573	A	336ACSR	7.40Y	123.4	0.02	2.63	33.28	8	230	88	93	0.04	0.0	3.486	0.055	0	0	0	45		
		B		7.36Y	122.7	0.01	3.29	29.41	7	203	75	94					0	0	0	53		
		C		7.53Y	125.5	0.01	0.50	18.00	4	127	47	94					0	0	0	30		
PL.38578	PL.38574	B	2ACSR	7.36Y	122.7	0.00	3.29	0.85	1	6	2	95	0.00	0.0	3.498	0.013	0	0	0	1		
PD.6703	PL.38578	B	fuse6AMP	7.36Y	122.7	0.00	3.29	0.85	14	6	2	95	0.00	0.0	3.498	0.000	0	0	0	1		
PL.38579	PD.6703	B	2ACSR	7.36Y	122.7	0.00	3.29	0.85	1	6	2	95	0.00	0.0	3.510	0.012	0	0	0	1		
483533	PL.38579	B	Consumer	7.36Y	122.7	0.00	3.29	0.85	0	6	2	95	0.00	0.0	3.510	0.000	6	2	1	1		
PL.38576	PL.38574	A	336ACSR	7.40Y	123.3	0.02	2.65	33.28	8	230	88	93	0.03	0.0	3.534	0.048	0	0	0	45		
		B		7.36Y	122.7	0.01	3.30	28.56	6	197	73	94					0	0	0	52		
		C		7.53Y	125.5	0.00	0.50	17.41	4	123	45	94					0	0	0	29		
PL.38580	PL.38576	A	336ACSR	7.40Y	123.3	0.02	2.67	33.28	8	230	88	93	0.03	0.0	3.581	0.047	0	0	0	45		
		B		7.36Y	122.7	0.01	3.31	28.56	6	197	73	94					0	0	0	52		
		C		7.53Y	125.5	0.00	0.51	17.41	4	123	45	94					0	0	0	29		
PL.38582	PL.38580	A	336ACSR	7.40Y	123.3	0.02	2.69	33.28	8	230	88	93	0.04	0.0	3.641	0.060	0	0	0	45		
		B		7.36Y	122.7	0.01	3.32	28.56	6	197	73	94					0	0	0	52		
		C		7.53Y	125.5	0.01	0.51	17.41	4	123	45	94					0	0	0	29		
PL.38584	PL.38582	A	336ACSR	7.40Y	123.3	0.01	2.70	33.28	8	230	88	93	0.02	0.0	3.681	0.040	0	0	0	45		
		B		7.36Y	122.7	0.01	3.33	28.56	6	197	73	94					0	0	0	52		
		C		7.53Y	125.5	0.00	0.52	17.41	4	123	45	94					0	0	0	29		
PL.38594	PL.38584	A	2ACSR	7.40Y	123.3	0.00	2.71	1.75	1	12	4	95	0.00	0.0	3.693	0.012	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\
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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
PD.6704	PL.38594	A	fuse6AMP	7.40Y	123.3	0.00	2.71	1.75	30	12	4	95	0.00	0.0	3.693	0.000	0	0	0	1
PL.38595	PD.6704	A	2ACSR	7.40Y	123.3	0.00	2.71	1.75	1	12	4	95	0.00	0.0	3.731	0.038	0	0	0	1
483525	PL.38595	A	Consumer	7.40Y	123.3	0.00	2.71	1.75	0	12	4	95	0.00	0.0	3.731	0.000	12	4	1	1
PL.38588	PL.38584	A	336ACSR	7.40Y	123.3	0.01	2.71	31.52	7	218	84	93	0.01	0.0	3.705	0.024	0	0	0	44
		B		7.36Y	122.7	0.00	3.33	28.29	6	195	72	94					0	0	0	49
		C		7.53Y	125.5	0.00	0.52	17.41	4	123	45	94					0	0	0	29
PL.38590	PL.38588	A	336ACSR	7.40Y	123.3	0.02	2.73	31.52	7	218	84	93	0.03	0.0	3.761	0.056	0	0	0	44
		B		7.36Y	122.7	0.01	3.34	26.87	6	186	68	94					0	0	0	48
		C		7.53Y	125.5	0.01	0.52	17.41	4	123	45	94					0	0	0	29
PL.25695	PL.38590	B	4ACSR	7.36Y	122.7	0.00	3.34	1.98	2	14	5	94	0.00	0.0	3.775	0.014	0	0	0	1
PD.1641	PL.25695	B	fuse6AMP	7.36Y	122.7	0.00	3.34	1.98	34	14	5	94	0.00	0.0	3.775	0.000	0	0	0	1
PL.25696	PD.1641	B	4ACSR	7.36Y	122.7	0.01	3.34	1.98	2	14	5	94	0.00	0.0	3.833	0.058	0	0	0	1
483505	PL.25696	B	Consumer	7.36Y	122.7	0.00	3.34	1.98	0	14	5	94	0.00	0.0	3.833	0.000	14	5	1	1
PL.38591	PL.38590	A	336ACSR	7.39Y	123.2	0.02	2.75	31.52	7	218	84	93	0.04	0.0	3.827	0.066	0	0	0	44
		B		7.36Y	122.7	0.01	3.35	24.89	6	172	63	94					0	0	0	47
		C		7.53Y	125.5	0.01	0.53	17.41	4	123	45	94					0	0	0	29
PL.19050	PL.38591	A	336ACSR	7.39Y	123.2	0.01	2.76	31.52	7	218	84	93	0.02	0.0	3.858	0.030	0	0	0	44
		B		7.36Y	122.6	0.00	3.35	24.89	6	172	63	94					0	0	0	47
		C		7.53Y	125.5	0.00	0.53	16.31	4	115	42	94					0	0	0	28
PL.19507	PL.19050	A	336ACSR	7.39Y	123.2	0.05	2.82	31.52	7	218	84	93	0.08	0.0	4.017	0.159	0	0	0	44
		B		7.36Y	122.6	0.02	3.37	23.69	5	164	60	94					0	0	0	46
		C		7.53Y	125.4	0.02	0.55	16.31	4	115	42	94					0	0	0	28
484550	PL.19507	B	Consumer	7.36Y	122.6	0.00	3.37	2.10	0	15	5	95	0.00	0.0	4.017	0.000	15	5	1	1
4845066	PL.19507	B	Consumer	7.36Y	122.6	0.00	3.37	0.02	0	0	0	100	0.00	0.0	4.017	0.000	0	0	1	1
PL.11335	PL.19507	A	336ACSR	7.39Y	123.2	0.02	2.83	31.52	7	218	83	93	0.02	0.0	4.065	0.048	0	0	0	44
		B		7.36Y	122.6	0.00	3.37	21.57	5	149	55	94					0	0	0	44
		C		7.53Y	125.4	0.01	0.56	16.31	4	115	42	94					0	0	0	28
PL.38725	PL.11335	A	336ACSR	7.39Y	123.1	0.02	2.85	31.52	7	218	83	93	0.02	0.0	4.101	0.036	0	0	0	44
		B		7.36Y	122.6	0.00	3.38	21.57	5	149	55	94					0	0	0	44
		C		7.53Y	125.4	-0.00	0.56	0.00	0	0	0	100					0	0	0	0
PL.38726	PL.38725	A	336ACSR	7.39Y	123.1	0.03	2.88	31.52	7	218	83	93	0.03	0.0	4.160	0.059	0	0	0	44
		B		7.36Y	122.6	0.00	3.38	21.57	5	149	55	94					0	0	0	44
		C		7.53Y	125.4	-0.00	0.55	0.00	0	0	0	100					0	0	0	0
PL.11392	PL.38726	A	336ACSR	7.39Y	123.1	0.04	2.92	31.52	7	217	83	93	0.04	0.0	4.250	0.091	0	0	0	44
		B		7.36Y	122.6	0.00	3.38	18.45	4	127	47	94					0	0	0	41
		C		7.53Y	125.5	-0.00	0.55	0.00	0	0	0	100					0	0	0	0
484561	PL.11392	B	Consumer	7.36Y	122.6	0.00	3.38	1.25	0	9	3	95	0.00	0.0	4.250	0.000	9	3	1	1
484553	PL.11392	B	Consumer	7.36Y	122.6	0.00	3.38	0.96	0	7	2	96	0.00	0.0	4.250	0.000	7	2	1	1
PL.38598	PL.11392	A	336ACSR	7.38Y	123.1	0.01	2.92	31.52	7	217	83	93	0.01	0.0	4.269	0.019	0	0	0	44
		B		7.36Y	122.6	-0.00	3.38	16.24	4	112	41	94					0	0	0	39
		C		7.53Y	125.5	-0.00	0.55	0.00	0	0	0	100					0	0	0	0
PL.38778	PL.38598	A	4ACSR	7.38Y	123.1	0.02	2.94	31.52	26	217	83	93	0.03	0.0	4.283	0.014	0	0	0	44
C PD.6716	PL.38778	A	35E	7.38Y	123.1	0.00	2.94	31.52	90	217	83	93	0.00	0.0	4.283	0.000	0	0	0	44 C
PL.38779	PD.6716	A	4ACSR	7.38Y	122.9	0.12	3.07	31.52	26	217	83	93	0.20	0.1	4.367	0.084	0	0	0	44
PL.20638	PL.38779	A	4ACSR	7.37Y	122.9	0.07	3.14	30.10	25	207	79	93	0.11	0.1	4.419	0.052	0	0	0	43
PL.20639	PL.20638	A	4ACSR	7.37Y	122.8	0.10	3.24	28.27	24	195	75	93	0.15	0.1	4.495	0.076	0	0	0	42
PL.26974	PL.20639	A	4ACSR	7.36Y	122.6	0.16	3.39	28.27	24	194	75	93	0.23	0.1	4.615	0.120	0	0	0	42
PL.15597	PL.26974	A	4ACSR	7.36Y	122.6	0.02	3.41	28.27	24	194	75	93	0.02	0.0	4.627	0.012	0	0	0	42

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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.12128	PL.15597	A	4ACSR	7.36Y	122.6	0.00	3.41	28.27	24	194	75	93	0.00	0.0	4.628	0.002	0	0	0	42
PL.38784	PL.12128	A	4ACSR	7.36Y	122.6	0.00	3.41	5.22	4	35	15	92	0.00	0.0	4.634	0.006	0	0	0	10
C PD.6719	PL.38784	A	fuse6AMP	7.36Y	122.6	0.00	3.41	5.22	89	35	15	92	0.00	0.0	4.634	0.000	0	0	0	10 C
PL.38785	PD.6719	A	4ACSR	7.36Y	122.6	0.00	3.41	5.22	4	35	15	92	0.00	0.0	4.638	0.004	0	0	0	10
PL.11329	PL.38785	A	4ACSR	7.35Y	122.6	0.02	3.43	5.22	4	35	15	92	0.01	0.0	4.716	0.078	0	0	0	10
PL.3120	PL.11329	A	4ACSR	7.35Y	122.6	0.01	3.44	2.01	2	13	6	91	0.00	0.0	4.776	0.060	0	0	0	1
484518	PL.3120	A	Consumer	7.35Y	122.6	0.00	3.44	2.01	0	13	6	91	0.00	0.0	4.776	0.000	13	6	1	1
PL.3121	PL.11329	A	4ACSR	7.35Y	122.6	0.00	3.43	0.32	0	2	1	89	0.00	0.0	4.767	0.051	0	0	0	2
PL.7203	PL.3121	A	4ACSR	7.35Y	122.6	0.00	3.43	0.32	0	2	1	89	0.00	0.0	4.861	0.093	0	0	0	2
PL.7244	PL.7203	A	4ACSR	7.35Y	122.6	0.00	3.43	0.32	0	2	1	89	0.00	0.0	5.007	0.146	0	0	0	2
484505	PL.7244	A	Consumer	7.35Y	122.6	0.00	3.43	0.32	0	2	1	89	0.00	0.0	5.007	0.000	2	1	1	1
PL.7199	PL.7244	A	4ACSR	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	5.071	0.064	0	0	0	1
PL.3335	PL.7199	A	4ACSR	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	5.148	0.077	0	0	0	1
PL.24996	PL.3335	A	4ACSR	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	5.508	0.360	0	0	0	1
485405	PL.24996	A	Consumer	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	5.508	0.000	0	0	1	1
PL.24997	PL.24996	A	4ACSR	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	5.686	0.177	0	0	0	0
PL.2492	PL.7199	A	4ACSR	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	5.071	0.000	0	0	0	0
484525	PL.7203	A	Consumer	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	4.861	0.000	0	0	0	0
PL.10984	PL.11329	A	4ACSR	7.35Y	122.6	0.00	3.43	2.90	2	20	7	94	0.00	0.0	4.738	0.022	0	0	0	7
484504	PL.10984	A	Consumer	7.35Y	122.6	0.00	3.43	0.88	0	6	2	95	0.00	0.0	4.738	0.000	6	2	1	1
PL.3122	PL.10984	A	4ACSR	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	4.769	0.031	0	0	0	1
484519	PL.3122	A	Consumer	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	4.769	0.000	0	0	1	1
PL.10985	PL.10984	A	4ACSR	7.35Y	122.6	0.01	3.44	2.02	2	14	5	94	0.00	0.0	4.867	0.130	0	0	0	5
PL.11333	PL.10985	A	4ACSR	7.35Y	122.6	0.00	3.45	1.63	1	11	4	94	0.00	0.0	4.900	0.033	0	0	0	3
PL.11334	PL.11333	A	4ACSR	7.35Y	122.5	0.00	3.45	0.97	1	7	2	96	0.00	0.0	4.970	0.070	0	0	0	2
PL.38776	PL.11334	A	4ACSR	7.35Y	122.5	0.00	3.45	0.00	0	0	0	100	0.00	0.0	5.103	0.133	0	0	0	0
PD.6715-A	PL.38776	A	Open	7.35Y	122.5	0.00	3.45	0.00	0	0	0	100	0.00	0.0	5.103	0.000	0	0	0	0
PL.2498	PL.11334	A	4ACSR	7.35Y	122.5	0.00	3.46	0.97	1	7	2	96	0.00	0.0	5.080	0.109	0	0	0	2
484524	PL.2498	A	Consumer	7.35Y	122.5	0.00	3.46	0.97	0	7	2	96	0.00	0.0	5.080	0.000	7	2	1	1
484537	PL.2498	A	Consumer	7.35Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	5.080	0.000	0	0	1	1
PL.3123	PL.11333	A	4ACSR	7.35Y	122.5	0.00	3.45	0.66	1	5	2	93	0.00	0.0	5.016	0.116	0	0	0	1
PL.2494	PL.3123	A	4ACSR	7.35Y	122.5	0.00	3.45	0.66	1	5	2	93	0.00	0.0	5.091	0.075	0	0	0	1
484538	PL.2494	A	Consumer	7.35Y	122.5	0.00	3.45	0.66	0	5	2	93	0.00	0.0	5.091	0.000	5	2	1	1
484536	PL.10985	A	Consumer	7.35Y	122.6	0.00	3.44	0.05	0	0	0	100	0.00	0.0	4.867	0.000	0	0	1	1
484506	PL.10985	A	Consumer	7.35Y	122.6	0.00	3.44	0.35	0	2	1	89	0.00	0.0	4.867	0.000	2	1	1	1
PL.12129	PL.12128	A	4ACSR	7.35Y	122.5	0.07	3.48	19.21	16	132	50	94	0.07	0.1	4.705	0.077	0	0	0	26
PL.10982	PL.12129	A	4ACSR	7.35Y	122.5	0.03	3.51	17.20	14	118	45	93	0.03	0.0	4.746	0.041	0	0	0	24
PL.10983	PL.10982	A	4ACSR	7.35Y	122.4	0.06	3.57	14.49	12	100	36	94	0.04	0.0	4.832	0.086	0	0	0	23

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	mi Length (mi)	KW					KVAR			
PL.11390	PL.10983	A	4ACSR	7.34Y	122.4	0.07	3.63	13.87	12	96	35	94	0.05	0.1	4.941	0.109	0	0	0	22	
PL.11391	PL.11390	A	4ACSR	7.33Y	122.1	0.26	3.90	13.87	12	96	35	94	0.19	0.2	5.352	0.412	0	0	0	21	
PL.3126	PL.11391	A	4ACSR	7.33Y	122.1	0.00	3.90	1.05	1	7	3	92	0.00	0.0	5.445	0.092	0	0	0	1	
484414	PL.3126	A	Consumer	7.33Y	122.1	0.00	3.90	1.05	0	7	3	92	0.00	0.0	5.445	0.000	7	3	1	1	
PL.41570	PL.11391	A	4ACSR	7.32Y	122.1	0.04	3.94	12.82	11	88	32	94	0.03	0.0	5.429	0.077	0	0	0	20	
PD.7484-A	PL.41570	A	Closed	7.32Y	122.1	0.00	3.94	12.82	0	88	32	94	0.00	0.0	5.429	0.000	0	0	0	20	
PD.7484-B	PD.7484-A	A	Closed	7.32Y	122.1	0.00	3.94	12.82	0	88	32	94	0.00	0.0	5.429	0.000	0	0	0	20	
PL.41571	PD.7484-B	A	4ACSR	7.32Y	122.0	0.04	3.98	12.82	11	88	32	94	0.03	0.0	5.506	0.077	0	0	0	20	
PL.7198	PL.41571	A	4ACSR	7.32Y	122.0	0.04	4.02	10.95	9	75	27	94	0.02	0.0	5.584	0.078	0	0	0	18	
PL.39793	PL.7198	A	4ACSR	7.32Y	122.0	0.02	4.04	9.28	8	64	23	94	0.01	0.0	5.624	0.040	0	0	0	15	
PL.39794	PL.39793	A	4ACSR	7.32Y	121.9	0.02	4.06	8.65	7	59	22	94	0.01	0.0	5.680	0.056	0	0	0	14	
PL.10714	PL.39794	A	4ACSR	7.32Y	121.9	0.02	4.08	6.92	6	48	17	94	0.01	0.0	5.736	0.056	0	0	0	12	
484401	PL.10714	A	Consumer	7.32Y	121.9	0.00	4.08	0.00	0	0	0	100	0.00	0.0	5.736	0.000	0	0	1	1	
PL.7197	PL.10714	A	4ACSR	7.31Y	121.9	0.02	4.10	6.92	6	48	17	94	0.01	0.0	5.787	0.052	0	0	0	11	
PL.7102	PL.7197	A	4ACSR	7.31Y	121.9	0.02	4.11	6.92	6	48	17	94	0.01	0.0	5.838	0.050	0	0	0	11	
485414	PL.7102	A	Consumer	7.31Y	121.9	0.00	4.11	0.51	0	3	1	95	0.00	0.0	5.838	0.000	3	1	1	1	
PL.11397	PL.7102	A	4ACSR	7.31Y	121.9	0.01	4.12	6.41	5	44	16	94	0.00	0.0	5.878	0.040	0	0	0	10	
PL.11398	PL.11397	A	4ACSR	7.31Y	121.8	0.03	4.16	5.78	5	40	15	94	0.01	0.0	5.997	0.119	0	0	0	9	
PL.28957	PL.11398	A	4ACSR	7.31Y	121.8	0.04	4.19	5.02	4	34	13	93	0.01	0.0	6.162	0.165	0	0	0	8	
PL.28958	PL.28957	A	4ACSR	7.31Y	121.8	0.00	4.19	5.02	4	34	13	93	0.00	0.0	6.165	0.003	0	0	0	8	
PL.24995	PL.28958	A	4ACSR	7.31Y	121.8	0.04	4.24	4.40	4	30	11	94	0.01	0.0	6.368	0.203	0	0	0	7	
PL.10755	PL.24995	A	4ACSR	7.31Y	121.8	0.01	4.25	4.40	4	30	11	94	0.00	0.0	6.424	0.056	0	0	0	7	
PL.10756	PL.10755	A	4ACSR	7.30Y	121.7	0.01	4.25	2.93	2	20	7	94	0.00	0.0	6.474	0.050	0	0	0	5	
485413	PL.10756	A	Consumer	7.30Y	121.7	0.00	4.25	0.16	0	1	0	100	0.00	0.0	6.474	0.000	1	0	1	1	
485409	PL.10756	A	Consumer	7.30Y	121.7	0.00	4.25	0.00	0	0	0	100	0.00	0.0	6.474	0.000	0	0	0	0	
485403	PL.10756	A	Consumer	7.30Y	121.7	0.00	4.25	0.38	0	3	1	95	0.00	0.0	6.474	0.000	3	1	1	1	
PL.10751	PL.10756	A	4ACSR	7.30Y	121.7	0.01	4.27	2.39	2	16	6	94	0.00	0.0	6.581	0.107	0	0	0	3	
PL.10752	PL.10751	A	4ACSR	7.30Y	121.7	0.00	4.27	0.94	1	6	2	95	0.00	0.0	6.582	0.001	0	0	0	1	
485415	PL.10752	A	Consumer	7.30Y	121.7	0.00	4.27	0.94	0	6	2	95	0.00	0.0	6.582	0.000	6	2	1	1	
PL.12140	PL.10752	A	4ACSR	7.30Y	121.7	0.00	4.27	0.00	0	0	0	100	0.00	0.0	6.713	0.131	0	0	0	0	
PD.463-A	PL.12140	A	Open	7.30Y	121.7	0.00	4.27	0.00	0	0	0	100	0.00	0.0	6.713	0.000	0	0	0	0	
PL.28324	PL.10751	A	4ACSR	7.30Y	121.7	0.00	4.27	1.45	1	10	4	93	0.00	0.0	6.591	0.010	0	0	0	2	
PD.2683	PL.28324	A	fuse6AMP	7.30Y	121.7	0.00	4.27	1.45	25	10	4	93	0.00	0.0	6.591	0.000	0	0	0	2	
PL.28325	PD.2683	A	4ACSR	7.30Y	121.7	0.01	4.27	1.45	1	10	4	93	0.00	0.0	6.673	0.081	0	0	0	2	
PL.10753	PL.28325	A	4ACSR	7.30Y	121.7	0.00	4.27	1.18	1	8	3	94	0.00	0.0	6.743	0.071	0	0	0	1	
PL.24192	PL.10753	A	4ACSR	7.30Y	121.7	0.00	4.28	1.18	1	8	3	94	0.00	0.0	6.803	0.060	0	0	0	1	
485329	PL.24192	A	Consumer	7.30Y	121.7	0.00	4.28	1.18	0	8	3	94	0.00	0.0	6.803	0.000	8	3	1	1	
PL.10754	PL.10753	A	4ACSR	7.30Y	121.7	0.00	4.27	0.00	0	0	0	100	0.00	0.0	6.861	0.117	0	0	0	0	

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
485320	PL.28325	A	Consumer	7.30Y	121.7	0.00	4.27	0.26	0	2	1	89	0.00	0.0	6.673	0.000	2	1	1	1
PL.15598	PL.10755	A	4ACSR	7.31Y	121.8	0.00	4.25	1.47	1	10	4	93	0.00	0.0	6.445	0.021	0	0	0	2
PD.1676	PL.15598	A	fuse6AMP	7.31Y	121.8	0.00	4.25	1.47	25	10	4	93	0.00	0.0	6.445	0.000	0	0	0	2
PL.15599	PD.1676	A	4ACSR	7.30Y	121.7	0.00	4.25	1.47	1	10	4	93	0.00	0.0	6.493	0.048	0	0	0	2
PL.24183	PL.15599	A	4ACSR	7.30Y	121.7	0.01	4.26	1.47	1	10	4	93	0.00	0.0	6.581	0.088	0	0	0	2
485315	PL.24183	A	Consumer	7.30Y	121.7	0.00	4.26	1.31	0	9	3	95	0.00	0.0	6.581	0.000	9	3	1	1
485328	PL.24183	A	Consumer	7.30Y	121.7	0.00	4.26	0.16	0	1	0	100	0.00	0.0	6.581	0.000	1	0	1	1
PL.41485	PL.28958	A	4ACSR	7.31Y	121.8	0.00	4.19	0.62	1	4	2	89	0.00	0.0	6.175	0.010	0	0	0	1
PD.7452	PL.41485	A	fuse6AMP	7.31Y	121.8	0.00	4.19	0.62	11	4	2	89	0.00	0.0	6.175	0.000	0	0	0	1
PL.41484	PD.7452	A	4ACSR	7.31Y	121.8	0.00	4.20	0.62	1	4	2	89	0.00	0.0	6.197	0.022	0	0	0	1
PL.29206	PL.41484	A	4ACSR	7.31Y	121.8	0.00	4.20	0.62	1	4	2	89	0.00	0.0	6.310	0.113	0	0	0	1
PL.24988	PL.29206	A	4ACSR	7.31Y	121.8	0.00	4.20	0.62	1	4	2	89	0.00	0.0	6.352	0.042	0	0	0	1
485327	PL.24988	A	Consumer	7.31Y	121.8	0.00	4.20	0.62	0	4	2	89	0.00	0.0	6.352	0.000	4	2	1	1
PL.41483	PL.24988	A	4ACSR	7.31Y	121.8	0.00	4.20	0.00	0	0	0	100	0.00	0.0	6.384	0.032	0	0	0	0
PD.7451-B	PL.41483	A	Open	7.31Y	121.8	0.00	4.20	0.00	0	0	0	100	0.00	0.0	6.384	0.000	0	0	0	0
PL.3351	PL.11398	A	4ACSR	7.31Y	121.8	0.00	4.16	0.76	1	5	2	93	0.00	0.0	6.042	0.045	0	0	0	1
485411	PL.3351	A	Consumer	7.31Y	121.8	0.00	4.16	0.76	0	5	2	93	0.00	0.0	6.042	0.000	5	2	1	1
PL.3352	PL.11397	A	4ACSR	7.31Y	121.9	0.00	4.13	0.63	1	4	2	89	0.00	0.0	5.981	0.103	0	0	0	1
485412	PL.3352	A	Consumer	7.31Y	121.9	0.00	4.13	0.63	0	4	2	89	0.00	0.0	5.981	0.000	4	2	1	1
484415	PL.39794	A	Consumer	7.32Y	121.9	0.00	4.06	1.11	0	8	3	94	0.00	0.0	5.680	0.000	8	3	1	1
PL.3124	PL.39794	A	4ACSR	7.32Y	121.9	0.00	4.06	0.62	1	4	2	89	0.00	0.0	5.740	0.060	0	0	0	1
PL.3353	PL.3124	A	4ACSR	7.32Y	121.9	0.00	4.07	0.62	1	4	2	89	0.00	0.0	5.760	0.020	0	0	0	1
485410	PL.3353	A	Consumer	7.32Y	121.9	0.00	4.07	0.62	0	4	2	89	0.00	0.0	5.760	0.000	4	2	1	1
PL.39795	PL.39793	A	1/0EPRJCN	7.32Y	122.0	0.00	4.04	0.63	0	4	1	97	0.00	0.0	5.629	0.005	0	0	0	1
PD.7105	PL.39795	A	fuse6AMP	7.32Y	122.0	0.00	4.04	0.63	11	4	1	97	0.00	0.0	5.629	0.000	0	0	0	1
PL.39796	PD.7105	A	1/0EPRJCN	7.32Y	122.0	0.00	4.04	0.63	0	4	1	97	0.00	0.0	5.671	0.042	0	0	0	1
4844018	PL.39796	A	Consumer	7.32Y	122.0	0.00	4.04	0.64	0	4	2	89	0.00	0.0	5.671	0.000	4	2	1	1
484412	PL.7198	A	Consumer	7.32Y	122.0	0.00	4.02	0.00	0	0	0	100	0.00	0.0	5.584	0.000	0	0	1	1
PL.7200	PL.7198	A	4ACSR	7.32Y	122.0	0.00	4.03	1.67	1	11	4	94	0.00	0.0	5.617	0.033	0	0	0	2
PL.7201	PL.7200	A	4ACSR	7.32Y	122.0	0.00	4.03	0.80	1	6	2	95	0.00	0.0	5.705	0.088	0	0	0	1
484406	PL.7201	A	Consumer	7.32Y	122.0	0.00	4.03	0.80	0	6	2	95	0.00	0.0	5.705	0.000	6	2	1	1
484403	PL.7201	A	Consumer	7.32Y	122.0	0.00	4.03	0.00	0	0	0	100	0.00	0.0	5.705	0.000	0	0	0	0
484411	PL.7200	A	Consumer	7.32Y	122.0	0.00	4.03	0.00	0	0	0	100	0.00	0.0	5.617	0.000	0	0	0	0
484416	PL.7200	A	Consumer	7.32Y	122.0	0.00	4.03	0.86	0	6	2	95	0.00	0.0	5.617	0.000	6	2	1	1
PL.3125	PL.41571	A	4ACSR	7.32Y	122.0	0.01	3.99	1.87	2	13	5	93	0.00	0.0	5.609	0.103	0	0	0	2
484410	PL.3125	A	Consumer	7.32Y	122.0	0.00	3.99	1.85	0	13	5	93	0.00	0.0	5.609	0.000	13	5	1	1
484413	PL.3125	A	Consumer	7.32Y	122.0	0.00	3.99	0.02	0	0	0	100	0.00	0.0	5.609	0.000	0	0	1	1
PL.11417	PL.11390	A	4ACSR	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	4.952	0.012	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:
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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
PD.1635	PL.11417	A	fuse6AMP	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	4.952	0.000	0	0	0	1
PL.11418	PD.1635	A	4ACSR	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	5.066	0.114	0	0	0	1
484409	PL.11418	A	Consumer	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	5.066	0.000	0	0	1	1
484405	PL.10983	A	Consumer	7.35Y	122.4	0.00	3.57	0.61	0	4	2	89	0.00	0.0	4.832	0.000	4	2	1	1
PL.3116	PL.10982	A	4ACSR	7.35Y	122.5	0.01	3.51	2.73	2	18	9	89	0.00	0.0	4.794	0.048	0	0	0	1
484564	PL.3116	A	Consumer	7.35Y	122.5	0.00	3.51	2.73	0	18	9	89	0.00	0.0	4.794	0.000	18	9	1	1
PL.2496	PL.12129	A	4ACSR	7.35Y	122.5	0.00	3.48	2.00	2	14	5	94	0.00	0.0	4.718	0.013	0	0	0	2
PL.2497	PL.2496	A	4ACSR	7.35Y	122.5	0.01	3.49	2.00	2	14	5	94	0.00	0.0	4.879	0.161	0	0	0	2
484552	PL.2497	A	Consumer	7.35Y	122.5	0.00	3.49	1.24	0	9	3	95	0.00	0.0	4.879	0.000	9	3	1	1
484559	PL.2497	A	Consumer	7.35Y	122.5	0.00	3.49	0.76	0	5	2	93	0.00	0.0	4.879	0.000	5	2	1	1
PL.38783	PL.12128	A	4ACSR	7.36Y	122.6	0.00	3.41	3.85	3	27	10	94	0.00	0.0	4.638	0.010	0	0	0	6
PD.6718	PL.38783	A	fuse6AMP	7.36Y	122.6	0.00	3.41	3.85	66	27	10	94	0.00	0.0	4.638	0.000	0	0	0	6
PL.38782	PD.6718	A	4ACSR	7.35Y	122.6	0.01	3.42	3.85	3	27	10	94	0.00	0.0	4.676	0.037	0	0	0	6
PD.3662-A	PL.38782	A	Closed	7.35Y	122.6	0.00	3.42	3.85	0	27	10	94	0.00	0.0	4.676	0.000	0	0	0	6
PD.3662-B	PD.3662-A	A	Closed	7.35Y	122.6	0.00	3.42	3.85	0	27	10	94	0.00	0.0	4.676	0.000	0	0	0	6
PL.20636	PD.3662-B	A	4ACSR	7.35Y	122.6	0.00	3.42	3.85	3	27	10	94	0.00	0.0	4.694	0.018	0	0	0	6
PL.20635	PL.20636	A	4ACSR	7.35Y	122.6	0.01	3.43	2.38	2	16	6	94	0.00	0.0	4.800	0.107	0	0	0	4
PL.11327	PL.20635	A	4ACSR	7.35Y	122.6	0.00	3.43	0.86	1	6	2	95	0.00	0.0	4.831	0.030	0	0	0	3
PL.2495	PL.11327	A	4ACSR	7.35Y	122.6	0.00	3.44	0.86	1	6	2	95	0.00	0.0	4.930	0.099	0	0	0	3
PL.7245	PL.2495	A	4ACSR	7.35Y	122.6	0.01	3.44	0.86	1	6	2	95	0.00	0.0	5.136	0.206	0	0	0	3
PL.7246	PL.7245	A	4ACSR	7.35Y	122.6	0.00	3.45	0.04	0	0	0	100	0.00	0.0	5.364	0.228	0	0	0	2
PL.3129	PL.7246	A	4ACSR	7.35Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	5.562	0.198	0	0	0	1
484407	PL.3129	A	Consumer	7.35Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	5.562	0.000	0	0	1	1
PL.3130	PL.7246	A	4ACSR	7.35Y	122.6	0.00	3.45	0.04	0	0	0	100	0.00	0.0	5.641	0.278	0	0	0	1
484402	PL.3130	A	Consumer	7.35Y	122.6	0.00	3.45	0.04	0	0	0	100	0.00	0.0	5.641	0.000	0	0	1	1
484417	PL.7245	A	Consumer	7.35Y	122.6	0.00	3.44	0.81	0	6	2	95	0.00	0.0	5.136	0.000	6	2	1	1
PL.3114	PL.20635	A	4ACSR	7.35Y	122.6	0.00	3.44	1.52	1	11	4	94	0.00	0.0	4.850	0.050	0	0	0	1
484555	PL.3114	A	Consumer	7.35Y	122.6	0.00	3.44	1.52	0	11	4	94	0.00	0.0	4.850	0.000	11	4	1	1
484516	PL.20636	A	Consumer	7.35Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	4.694	0.000	0	0	0	0
484502	PL.20636	A	Consumer	7.35Y	122.6	0.00	3.42	0.53	0	4	1	97	0.00	0.0	4.694	0.000	4	1	1	1
PL.37631	PL.20636	A	2ACSR	7.35Y	122.6	0.00	3.42	0.95	1	7	2	96	0.00	0.0	4.707	0.013	0	0	0	1
4845069	PL.37631	A	Consumer	7.35Y	122.6	0.00	3.42	0.95	0	7	2	96	0.00	0.0	4.707	0.000	7	2	1	1
484554	PL.20638	A	Consumer	7.37Y	122.9	0.00	3.14	1.83	0	13	5	93	0.00	0.0	4.419	0.000	13	5	1	1
484562	PL.38779	A	Consumer	7.38Y	122.9	0.00	3.07	1.43	0	10	4	93	0.00	0.0	4.367	0.000	10	4	1	1
PL.38720	PL.38598	B	2ACSR	7.36Y	122.6	0.01	3.39	16.24	10	112	41	94	0.01	0.0	4.290	0.021	0	0	0	39
PL.38721	PL.38720	B	2ACSR	7.36Y	122.6	0.01	3.40	16.24	10	112	41	94	0.00	0.0	4.301	0.010	0	0	0	39
PD.6714	PL.38721	B	35E	7.36Y	122.6	0.00	3.40	16.24	46	112	41	94	0.00	0.0	4.301	0.000	0	0	0	39
PL.38773	PD.6714	B	2ACSR	7.35Y	122.5	0.12	3.51	16.24	10	112	41	94	0.09	0.1	4.521	0.221	0	0	0	39

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
PL.38777	PL.38773	B	4ACSR	7.35Y	122.5	0.00	3.51	0.00	0	0	0	100	0.00	0.0	4.528	0.007	0	0	0	0
PD.6715-B	PL.38777	B	Open	7.35Y	122.5	0.00	3.51	0.00	0	0	0	100	0.00	0.0	4.528	0.000	0	0	0	0
PL.38775	PL.38773	B	4ACSR	7.35Y	122.5	0.02	3.54	16.24	14	112	41	94	0.02	0.0	4.552	0.030	0	0	0	39
484507	PL.38775	B	Consumer	7.35Y	122.5	0.00	3.54	0.34	0	2	1	89	0.00	0.0	4.552	0.000	2	1	1	1
PL.45751	PL.38775	B	4ACSR	7.34Y	122.4	0.09	3.63	15.90	13	110	40	94	0.08	0.1	4.683	0.131	0	0	0	38
4845071	PL.45751	B	Consumer	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	4.683	0.000	0	0	0	0
PL.45752	PL.45751	B	4ACSR	7.34Y	122.3	0.04	3.67	15.90	13	110	40	94	0.04	0.0	4.741	0.058	0	0	0	38
PL.26972	PL.45752	B	4ACSR	7.34Y	122.3	0.00	3.67	0.07	0	1	0	100	0.00	0.0	4.763	0.022	0	0	0	1
PD.1638	PL.26972	B	fuse6AMP	7.34Y	122.3	0.00	3.67	0.07	1	1	0	100	0.00	0.0	4.763	0.000	0	0	0	1
PL.26973	PD.1638	B	4ACSR	7.34Y	122.3	0.00	3.67	0.07	0	1	0	100	0.00	0.0	4.898	0.135	0	0	0	1
PL.27821	PL.26973	B	4ACSR	7.34Y	122.3	0.00	3.67	0.07	0	1	0	100	0.00	0.0	4.998	0.099	0	0	0	1
PL.27822	PL.27821	B	4ACSR	7.34Y	122.3	0.00	3.67	0.07	0	1	0	100	0.00	0.0	5.148	0.150	0	0	0	1
485505	PL.27822	B	Consumer	7.34Y	122.3	0.00	3.67	0.07	0	1	0	100	0.00	0.0	5.148	0.000	1	0	1	1
PL.24998	PL.27822	B	4ACSR	7.34Y	122.3	0.00	3.67	0.00	0	0	0	100	0.00	0.0	5.227	0.079	0	0	0	0
PL.11330	PL.45752	B	4ACSR	7.33Y	122.2	0.09	3.76	15.82	13	109	40	94	0.07	0.1	4.865	0.124	0	0	0	37
PL.11331	PL.11330	B	4ACSR	7.33Y	122.1	0.11	3.87	15.82	13	109	40	94	0.09	0.1	5.016	0.151	0	0	0	37
PL.2493	PL.11331	B	4ACSR	7.33Y	122.1	0.00	3.87	0.00	0	0	0	100	0.00	0.0	5.016	0.000	0	0	0	0
PL.17999	PL.11331	B	4ACSR	7.32Y	122.1	0.06	3.93	15.82	13	109	40	94	0.05	0.0	5.095	0.079	0	0	0	37
485503	PL.17999	B	Consumer	7.32Y	122.1	0.00	3.93	0.04	0	0	0	100	0.00	0.0	5.095	0.000	0	0	1	1
PL.18000	PL.17999	B	4ACSR	7.32Y	122.0	0.07	4.00	15.79	13	109	40	94	0.06	0.1	5.188	0.093	0	0	0	36
485510	PL.18000	B	Consumer	7.32Y	122.0	0.00	4.00	0.01	0	0	0	100	0.00	0.0	5.188	0.000	0	0	1	1
PL.24999	PL.18000	B	4ACSR	7.31Y	121.9	0.10	4.10	15.77	13	108	40	94	0.08	0.1	5.330	0.142	0	0	0	35
PL.11517	PL.24999	B	4ACSR	7.31Y	121.9	0.01	4.11	15.77	13	108	40	94	0.01	0.0	5.350	0.020	0	0	0	35
C PD.1646	PL.11517	B	fuse6AMP	7.31Y	121.9	0.00	4.11	15.77	269	108	40	94	0.00	0.0	5.350	0.000	0	0	0	35 C
PL.11820	PD.1646	B	4ACSR	7.31Y	121.9	0.01	4.12	15.77	13	108	40	94	0.00	0.0	5.358	0.008	0	0	0	35
PL.11821	PL.11820	B	4ACSR	7.31Y	121.9	0.00	4.12	15.77	13	108	40	94	0.00	0.0	5.359	0.001	0	0	0	34
PL.11515	PL.11821	B	4ACSR	7.31Y	121.8	0.12	4.24	15.77	13	108	40	94	0.10	0.1	5.523	0.164	0	0	0	34
PL.24156	PL.11515	B	4ACSR	7.31Y	121.8	0.00	4.24	0.49	0	3	1	95	0.00	0.0	5.577	0.055	0	0	0	1
PL.3253	PL.24156	B	4ACSR	7.31Y	121.8	0.00	4.24	0.00	0	0	0	100	0.00	0.0	5.577	0.000	0	0	0	0
PL.3254	PL.24156	B	4ACSR	7.31Y	121.8	0.00	4.24	0.49	0	3	1	95	0.00	0.0	5.600	0.023	0	0	0	1
484601	PL.3254	B	Consumer	7.31Y	121.8	0.00	4.24	0.49	0	3	1	95	0.00	0.0	5.600	0.000	3	1	1	1
PL.11516	PL.11515	B	4ACSR	7.30Y	121.7	0.04	4.28	15.28	13	105	38	94	0.03	0.0	5.584	0.061	0	0	0	33
PL.11817	PL.11516	B	4ACSR	7.30Y	121.6	0.12	4.40	15.28	13	105	38	94	0.09	0.1	5.752	0.168	0	0	0	33
PL.3256	PL.11817	B	4ACSR	7.30Y	121.6	0.00	4.40	0.88	1	6	2	95	0.00	0.0	5.817	0.065	0	0	0	3
484618	PL.3256	B	Consumer	7.30Y	121.6	0.00	4.40	0.11	0	1	0	100	0.00	0.0	5.817	0.000	1	0	1	1
484611	PL.3256	B	Consumer	7.30Y	121.6	0.00	4.40	0.77	0	5	2	93	0.00	0.0	5.817	0.000	5	2	1	1
PL.3255	PL.3256	B	4ACSR	7.30Y	121.6	0.00	4.40	0.00	0	0	0	100	0.00	0.0	5.890	0.073	0	0	0	1
484612	PL.3255	B	Consumer	7.30Y	121.6	0.00	4.40	0.00	0	0	0	100	0.00	0.0	5.890	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----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.20915	PL.11817	B	4ACSR	7.29Y	121.6	0.05	4.44	14.40	12	99	36	94	0.04	0.0	5.823	0.071	0	0	0	30
PL.20916	PL.20915	B	4ACSR	7.29Y	121.5	0.01	4.45	14.40	12	99	36	94	0.00	0.0	5.833	0.010	0	0	0	30
PL.45492	PL.20916	B	4ACSR	7.29Y	121.5	0.00	4.45	0.00	0	0	0	100	0.00	0.0	5.850	0.017	0	0	0	0
PD.442-B	PL.45492	B	Open	7.29Y	121.5	0.00	4.45	0.00	0	0	0	100	0.00	0.0	5.850	0.000	0	0	0	0
PL.20220	PL.20916	B	4ACSR	7.29Y	121.5	0.00	4.45	14.40	12	99	36	94	0.00	0.0	5.838	0.005	0	0	0	30
PD.3545	PL.20220	B	35H	7.29Y	121.5	0.00	4.45	14.40	41	99	36	94	0.00	0.0	5.838	0.000	0	0	0	30
PL.20221	PD.3545	B	4ACSR	7.29Y	121.4	0.11	4.57	14.40	12	99	36	94	0.08	0.1	6.008	0.169	0	0	0	30
PL.11787	PL.20221	B	4ACSR	7.28Y	121.3	0.14	4.71	13.94	12	95	35	94	0.10	0.1	6.230	0.223	0	0	0	28
484607	PL.11787	B	Consumer	7.28Y	121.3	0.00	4.71	0.03	0	0	0	100	0.00	0.0	6.230	0.000	0	0	1	1
484605	PL.11787	B	Consumer	7.28Y	121.3	0.00	4.71	0.06	0	0	0	100	0.00	0.0	6.230	0.000	0	0	1	1
PL.11899	PL.11787	B	4ACSR	7.27Y	121.2	0.04	4.75	13.85	12	95	35	94	0.03	0.0	6.301	0.071	0	0	0	26
PL.11900	PL.11899	B	4ACSR	7.27Y	121.2	0.02	4.77	12.57	11	86	31	94	0.01	0.0	6.327	0.027	0	0	0	24
PL.11901	PL.11900	B	4ACSR	7.27Y	121.2	0.02	4.79	12.57	11	86	31	94	0.01	0.0	6.366	0.039	0	0	0	24
PL.11895	PL.11901	B	4ACSR	7.26Y	121.1	0.13	4.92	10.75	9	73	27	94	0.07	0.1	6.632	0.265	0	0	0	21
PL.26132	PL.11895	B	4ACSR	7.25Y	120.8	0.32	5.24	10.11	8	69	25	94	0.17	0.2	7.329	0.698	0	0	0	19
PL.26133	PL.26132	B	4ACSR	7.25Y	120.8	0.00	5.24	10.11	8	69	25	94	0.00	0.0	7.334	0.005	0	0	0	19
PL.30838	PL.26133	B	4ACSR	7.25Y	120.8	0.00	5.25	6.73	6	46	17	94	0.00	0.0	7.339	0.005	0	0	0	9
PD.452-A	PL.30838	B	Closed	7.25Y	120.8	0.00	5.25	6.73	0	46	17	94	0.00	0.0	7.339	0.000	0	0	0	9
PD.452-B	PD.452-A	B	Closed	7.25Y	120.8	0.00	5.25	6.73	0	46	17	94	0.00	0.0	7.339	0.000	0	0	0	9
PL.44238	PD.452-B	B	4ACSR	7.24Y	120.7	0.04	5.28	6.73	6	46	17	94	0.01	0.0	7.459	0.119	0	0	0	9
PD.8390-A	PL.44238	B	Closed	7.24Y	120.7	0.00	5.28	6.73	0	46	17	94	0.00	0.0	7.459	0.000	0	0	0	9
PD.8390-B	PD.8390-A	B	Closed	7.24Y	120.7	0.00	5.28	6.73	0	46	17	94	0.00	0.0	7.459	0.000	0	0	0	9
PL.44237	PD.8390-B	B	4ACSR	7.24Y	120.7	0.06	5.34	6.73	6	46	17	94	0.02	0.0	7.656	0.198	0	0	0	9
PL.20491	PL.44237	B	4ACSR	7.24Y	120.7	0.00	5.34	0.00	0	0	0	100	0.00	0.0	7.695	0.039	0	0	0	0
PD.2747-B	PL.20491	B	Open	7.24Y	120.7	0.00	5.34	0.00	0	0	0	100	0.00	0.0	7.695	0.000	0	0	0	0
PL.28668	PL.44237	B	4ACSR	7.24Y	120.7	0.00	5.35	0.60	1	4	1	97	0.00	0.0	7.741	0.085	0	0	0	1
485724	PL.28668	B	Consumer	7.24Y	120.7	0.00	5.35	0.00	0	0	0	100	0.00	0.0	7.741	0.000	0	0	0	0
485708	PL.28668	B	Consumer	7.24Y	120.7	0.00	5.35	0.60	0	4	1	97	0.00	0.0	7.741	0.000	4	1	1	1
PL.28669	PL.44237	B	4ACSR	7.24Y	120.6	0.03	5.37	5.24	4	36	13	94	0.01	0.0	7.765	0.109	0	0	0	7
PL.20496	PL.28669	B	4ACSR	7.24Y	120.6	0.01	5.38	5.24	4	36	13	94	0.00	0.0	7.818	0.052	0	0	0	7
PL.22979	PL.20496	B	4ACSR	7.24Y	120.6	0.00	5.39	3.12	3	21	8	93	0.00	0.0	7.842	0.024	0	0	0	4
PL.19826	PL.22979	B	4ACSR	7.24Y	120.6	0.00	5.39	0.99	1	7	2	96	0.00	0.0	7.871	0.029	0	0	0	2
485706	PL.19826	B	Consumer	7.24Y	120.6	0.00	5.39	0.14	0	1	0	100	0.00	0.0	7.871	0.000	1	0	1	1
PL.19827	PL.19826	B	4ACSR	7.24Y	120.6	0.00	5.39	0.85	1	6	2	95	0.00	0.0	7.944	0.073	0	0	0	1
485734	PL.19827	B	Consumer	7.24Y	120.6	0.00	5.39	0.85	0	6	2	95	0.00	0.0	7.944	0.000	6	2	1	1
485735	PL.22979	B	Consumer	7.24Y	120.6	0.00	5.39	1.11	0	8	3	94	0.00	0.0	7.842	0.000	8	3	1	1
485736	PL.22979	B	Consumer	7.24Y	120.6	0.00	5.39	1.03	0	7	3	92	0.00	0.0	7.842	0.000	7	3	1	1
PL.19821	PL.20496	B	4ACSR	7.24Y	120.6	0.00	5.38	2.11	2	14	5	94	0.00	0.0	7.845	0.027	0	0	0	3

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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.19822	PL.19821	B	4ACSR	7.24Y	120.6	0.02	5.41	2.11	2	14	5	94	0.00	0.0	8.081	0.237	0	0	0	3
PL.19823	PL.19822	B	4ACSR	7.24Y	120.6	0.00	5.41	0.00	0	0	0	100	0.00	0.0	8.106	0.025	0	0	0	0
PL.21953	PL.19823	B	4ACSR	7.24Y	120.6	0.00	5.41	0.00	0	0	0	100	0.00	0.0	8.312	0.206	0	0	0	0
PL.28608	PL.19822	B	4ACSR	7.24Y	120.6	0.01	5.42	2.11	2	14	5	94	0.00	0.0	8.162	0.081	0	0	0	3
PL.19825	PL.28608	B	4ACSR	7.23Y	120.6	0.00	5.42	2.11	2	14	5	94	0.00	0.0	8.185	0.023	0	0	0	3
PL.21952	PL.19825	B	4ACSR	7.23Y	120.6	0.00	5.42	2.11	2	14	5	94	0.00	0.0	8.236	0.052	0	0	0	3
485805	PL.21952	B	Consumer	7.23Y	120.6	0.00	5.42	1.02	0	7	3	92	0.00	0.0	8.236	0.000	7	3	1	1
485807	PL.21952	B	Consumer	7.23Y	120.6	0.00	5.42	0.14	0	1	0	100	0.00	0.0	8.236	0.000	1	0	1	1
485806	PL.21952	B	Consumer	7.23Y	120.6	0.00	5.42	0.94	0	6	2	95	0.00	0.0	8.236	0.000	6	2	1	1
PL.19824	PL.19825	B	4ACSR	7.23Y	120.6	0.00	5.42	0.00	0	0	0	100	0.00	0.0	8.253	0.069	0	0	0	0
PL.28609	PL.44237	B	4ACSR	7.24Y	120.7	0.00	5.35	0.90	1	6	2	95	0.00	0.0	7.709	0.053	0	0	0	1
485731	PL.28609	B	Consumer	7.24Y	120.7	0.00	5.35	0.90	0	6	2	95	0.00	0.0	7.709	0.000	6	2	1	1
PL.26131	PL.26133	B	4ACSR	7.25Y	120.8	0.00	5.25	3.38	3	23	8	94	0.00	0.0	7.341	0.007	0	0	0	10
PD.8391-A	PL.26131	B	Closed	7.25Y	120.8	0.00	5.25	3.38	0	23	8	94	0.00	0.0	7.341	0.000	0	0	0	10
PD.8391-B	PD.8391-A	B	Closed	7.25Y	120.8	0.00	5.25	3.38	0	23	8	94	0.00	0.0	7.341	0.000	0	0	0	10
PL.19504	PD.8391-B	B	4ACSR	7.24Y	120.7	0.03	5.27	3.38	3	23	8	94	0.00	0.0	7.509	0.168	0	0	0	10
PL.19505	PL.19504	B	4ACSR	7.24Y	120.7	0.01	5.28	3.38	3	23	8	94	0.00	0.0	7.571	0.062	0	0	0	10
PL.3118	PL.19505	B	4ACSR	7.24Y	120.7	0.00	5.28	0.73	1	5	2	93	0.00	0.0	7.602	0.031	0	0	0	1
485705	PL.3118	B	Consumer	7.24Y	120.7	0.00	5.28	0.73	0	5	2	93	0.00	0.0	7.602	0.000	5	2	1	1
PL.12286	PL.19505	B	4ACSR	7.24Y	120.7	0.02	5.30	2.65	2	18	7	93	0.00	0.0	7.729	0.158	0	0	0	9
PL.12287	PL.12286	B	4ACSR	7.24Y	120.7	0.01	5.31	2.06	2	14	5	94	0.00	0.0	7.805	0.076	0	0	0	8
PL.19302	PL.12287	B	4ACSR	7.24Y	120.7	0.01	5.31	1.11	1	8	3	94	0.00	0.0	7.909	0.104	0	0	0	4
PL.19303	PL.19302	B	4ACSR	7.24Y	120.7	0.00	5.32	1.11	1	8	3	94	0.00	0.0	7.973	0.065	0	0	0	4
PL.12292	PL.19303	B	4ACSR	7.24Y	120.7	0.01	5.32	1.11	1	8	3	94	0.00	0.0	8.088	0.114	0	0	0	4
PL.3181	PL.12292	B	4ACSR	7.24Y	120.7	0.00	5.32	0.88	1	6	2	95	0.00	0.0	8.161	0.073	0	0	0	1
484704	PL.3181	B	Consumer	7.24Y	120.7	0.00	5.32	0.88	0	6	2	95	0.00	0.0	8.161	0.000	6	2	1	1
PL.12293	PL.12292	B	4ACSR	7.24Y	120.7	0.00	5.32	0.23	0	2	1	89	0.00	0.0	8.101	0.013	0	0	0	3
PD.1738	PL.12293	B	fuse6AMP	7.24Y	120.7	0.00	5.32	0.23	4	2	1	89	0.00	0.0	8.101	0.000	0	0	0	3
PL.12294	PD.1738	B	4ACSR	7.24Y	120.7	0.00	5.32	0.23	0	2	1	89	0.00	0.0	8.255	0.154	0	0	0	3
PL.39654	PL.12294	B	4ACSR	7.24Y	120.7	0.00	5.32	0.05	0	0	0	100	0.00	0.0	8.353	0.098	0	0	0	2
PL.39655	PL.39654	B	4ACSR	7.24Y	120.7	0.00	5.32	0.04	0	0	0	100	0.00	0.0	8.578	0.225	0	0	0	1
484708	PL.39655	B	Consumer	7.24Y	120.7	0.00	5.32	0.04	0	0	0	100	0.00	0.0	8.578	0.000	0	0	1	1
PL.7110	PL.39655	B	4ACSR	7.24Y	120.7	0.00	5.32	0.00	0	0	0	100	0.00	0.0	8.650	0.072	0	0	0	0
PL.173	PL.7110	B	4ACSR	7.24Y	120.7	0.00	5.32	0.00	0	0	0	100	0.00	0.0	8.664	0.014	0	0	0	0
PL.39656	PL.39654	B	4ACSR	7.24Y	120.7	0.00	5.32	0.01	0	0	0	100	0.00	0.0	8.481	0.128	0	0	0	1
484705	PL.39656	B	Consumer	7.24Y	120.7	0.00	5.32	0.01	0	0	0	100	0.00	0.0	8.481	0.000	0	0	1	1
PL.39657	PL.39656	B	4ACSR	7.24Y	120.7	0.00	5.32	0.00	0	0	0	100	0.00	0.0	8.650	0.169	0	0	0	0
484706	PL.39657	B	Consumer	7.24Y	120.7	0.00	5.32	0.00	0	0	0	100	0.00	0.0	8.650	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:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In 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.3182	PL.12294	B	4ACSR	7.24Y	120.7	0.00	5.32	0.18	0	1	0	100	0.00	0.0	8.355	0.100	0	0	0	1
484701	PL.3182	B	Consumer	7.24Y	120.7	0.00	5.32	0.18	0	1	0	100	0.00	0.0	8.355	0.000	1	0	1	1
PL.12288	PL.12287	B	4ACSR	7.24Y	120.7	0.00	5.31	0.95	1	6	2	95	0.00	0.0	7.813	0.008	0	0	0	4
PD.1644	PL.12288	B	fuse6AMP	7.24Y	120.7	0.00	5.31	0.95	16	6	2	95	0.00	0.0	7.813	0.000	0	0	0	4
PL.12289	PD.1644	B	4ACSR	7.24Y	120.7	0.01	5.31	0.95	1	6	2	95	0.00	0.0	7.971	0.158	0	0	0	4
PL.12290	PL.12289	B	4ACSR	7.24Y	120.7	0.00	5.31	0.95	1	6	2	95	0.00	0.0	7.978	0.008	0	0	0	3
PL.12291	PL.12290	B	4ACSR	7.24Y	120.7	0.00	5.32	0.24	0	2	1	89	0.00	0.0	8.027	0.048	0	0	0	2
PL.39659	PL.12291	B	4ACSR	7.24Y	120.7	0.00	5.32	0.24	0	2	1	89	0.00	0.0	8.053	0.026	0	0	0	2
PL.39660	PL.39659	B	4ACSR	7.24Y	120.7	0.00	5.32	0.00	0	0	0	100	0.00	0.0	8.089	0.036	0	0	0	1
PL.24148	PL.39660	B	4ACSR	7.24Y	120.7	0.00	5.32	0.00	0	0	0	100	0.00	0.0	8.140	0.051	0	0	0	1
PL.3179	PL.24148	B	4ACSR	7.24Y	120.7	0.00	5.32	0.00	0	0	0	100	0.00	0.0	8.210	0.070	0	0	0	1
484707	PL.3179	B	Consumer	7.24Y	120.7	0.00	5.32	0.00	0	0	0	100	0.00	0.0	8.210	0.000	0	0	1	1
PL.39658	PL.39659	B	4ACSR	7.24Y	120.7	0.01	5.32	0.24	0	2	1	89	0.00	0.0	8.669	0.616	0	0	0	1
4847010	PL.39658	B	Consumer	7.24Y	120.7	0.00	5.32	0.24	0	2	1	89	0.00	0.0	8.669	0.000	2	1	1	1
485703	PL.12290	B	Consumer	7.24Y	120.7	0.00	5.31	0.71	0	5	2	93	0.00	0.0	7.978	0.000	5	2	1	1
PL.24149	PL.12289	B	4ACSR	7.24Y	120.7	0.00	5.31	0.00	0	0	0	100	0.00	0.0	8.029	0.058	0	0	0	1
PL.24150	PL.24149	B	4ACSR	7.24Y	120.7	0.00	5.31	0.00	0	0	0	100	0.00	0.0	8.072	0.043	0	0	0	1
PL.3180	PL.24150	B	4ACSR	7.24Y	120.7	0.00	5.31	0.00	0	0	0	100	0.00	0.0	8.127	0.055	0	0	0	1
484709	PL.3180	B	Consumer	7.24Y	120.7	0.00	5.31	0.00	0	0	0	100	0.00	0.0	8.127	0.000	0	0	1	1
PL.26905	PL.12286	B	4ACSR	7.24Y	120.7	0.00	5.30	0.59	0	4	1	97	0.00	0.0	7.741	0.012	0	0	0	1
PD.1645	PL.26905	B	fuse8AMP	7.24Y	120.7	0.00	5.30	0.59	8	4	1	97	0.00	0.0	7.741	0.000	0	0	0	1
PL.26906	PD.1645	B	4ACSR	7.24Y	120.7	0.00	5.30	0.59	0	4	1	97	0.00	0.0	7.840	0.100	0	0	0	1
485715	PL.26906	B	Consumer	7.24Y	120.7	0.00	5.30	0.59	0	4	1	97	0.00	0.0	7.840	0.000	4	1	1	1
PL.6639	PL.26906	B	4ACSR	7.24Y	120.7	0.00	5.30	0.00	0	0	0	100	0.00	0.0	7.851	0.011	0	0	0	0
PL.24152	PL.11895	B	4ACSR	7.26Y	121.1	0.00	4.92	0.63	1	4	2	89	0.00	0.0	6.705	0.073	0	0	0	2
485605	PL.24152	B	Consumer	7.26Y	121.1	0.00	4.92	0.00	0	0	0	100	0.00	0.0	6.705	0.000	0	0	1	1
485606	PL.24152	B	Consumer	7.26Y	121.1	0.00	4.92	0.63	0	4	2	89	0.00	0.0	6.705	0.000	4	2	1	1
PL.45183	PL.11901	B	4ACSR	7.27Y	121.2	0.00	4.79	1.82	2	12	5	92	0.00	0.0	6.389	0.023	0	0	0	3
PD.8606	PL.45183	B	fuse6AMP	7.27Y	121.2	0.00	4.79	1.82	31	12	5	92	0.00	0.0	6.389	0.000	0	0	0	3
PL.45184	PD.8606	B	4ACSR	7.27Y	121.2	0.02	4.81	1.82	2	12	5	92	0.00	0.0	6.589	0.200	0	0	0	3
485602	PL.45184	B	Consumer	7.27Y	121.2	0.00	4.81	1.61	0	11	4	94	0.00	0.0	6.589	0.000	11	4	1	1
PL.6638	PL.45184	B	4ACSR	7.27Y	121.2	0.00	4.81	0.21	0	1	1	71	0.00	0.0	6.673	0.084	0	0	0	2
485607	PL.6638	B	Consumer	7.27Y	121.2	0.00	4.81	0.21	0	1	1	71	0.00	0.0	6.673	0.000	1	1	1	1
PL.11904	PL.6638	B	4ACSR	7.27Y	121.2	0.00	4.81	0.00	0	0	0	100	0.00	0.0	6.812	0.139	0	0	0	1
PL.11905	PL.11904	B	4ACSR	7.27Y	121.2	0.00	4.81	0.00	0	0	0	100	0.00	0.0	6.812	0.000	0	0	0	0
485604	PL.11904	B	Consumer	7.27Y	121.2	0.00	4.81	0.00	0	0	0	100	0.00	0.0	6.812	0.000	0	0	1	1
PL.11902	PL.11900	B	4ACSR	7.27Y	121.2	0.00	4.77	0.00	0	0	0	100	0.00	0.0	6.332	0.004	0	0	0	0
PD.1737	PL.11902	B	fuse6AMP	7.27Y	121.2	0.00	4.77	0.00	0	0	0	100	0.00	0.0	6.332	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.11903	PD.1737	B	4ACSR	7.27Y	121.2	0.00	4.77	0.00	0	0	0	0	100	0.00	0.0	6.348	0.017	0	0	0	0
PL.24153	PL.11903	B	4ACSR	7.27Y	121.2	0.00	4.77	0.00	0	0	0	0	100	0.00	0.0	6.367	0.019	0	0	0	0
PL.3183	PL.11899	B	4ACSR	7.27Y	121.2	0.00	4.76	1.28	1	9	3	95	0.00	0.0	6.361	0.060	0	0	0	2	
PL.3184	PL.3183	B	4ACSR	7.27Y	121.2	0.00	4.76	0.00	0	0	0	100	0.00	0.0	6.393	0.032	0	0	0	1	
484613	PL.3184	B	Consumer	7.27Y	121.2	0.00	4.76	0.00	0	0	0	100	0.00	0.0	6.393	0.000	0	0	1	1	
484606	PL.3183	B	Consumer	7.27Y	121.2	0.00	4.76	1.28	0	9	3	95	0.00	0.0	6.361	0.000	9	3	1	1	
PL.7108	PL.20221	B	4ACSR	7.29Y	121.4	0.00	4.57	0.46	0	3	1	95	0.00	0.0	6.107	0.099	0	0	0	2	
484604	PL.7108	B	Consumer	7.29Y	121.4	0.00	4.57	0.45	0	3	1	95	0.00	0.0	6.107	0.000	3	1	1	1	
PL.7109	PL.7108	B	4ACSR	7.29Y	121.4	0.00	4.57	0.01	0	0	0	100	0.00	0.0	6.212	0.105	0	0	0	1	
484616	PL.7109	B	Consumer	7.29Y	121.4	0.00	4.57	0.01	0	0	0	100	0.00	0.0	6.212	0.000	0	0	1	1	
PL.24155	PL.11820	B	4ACSR	7.31Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	5.588	0.230	0	0	0	1	
485603	PL.24155	B	Consumer	7.31Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	5.588	0.000	0	0	1	1	
PL.24154	PL.24155	B	4ACSR	7.31Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	5.756	0.168	0	0	0	0	
PL.3334	PL.24154	B	4ACSR	7.31Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	5.960	0.205	0	0	0	0	
PL.3119	PL.11330	B	4ACSR	7.33Y	122.2	0.00	3.76	0.00	0	0	0	100	0.00	0.0	5.176	0.310	0	0	0	0	
484558	PL.38726	B	Consumer	7.36Y	122.6	0.00	3.38	1.09	0	8	3	94	0.00	0.0	4.160	0.000	8	3	1	1	
484556	PL.38726	B	Consumer	7.36Y	122.6	0.00	3.38	1.77	0	12	4	95	0.00	0.0	4.160	0.000	12	4	1	1	
484557	PL.38726	B	Consumer	7.36Y	122.6	0.00	3.38	0.25	0	2	1	89	0.00	0.0	4.160	0.000	2	1	1	1	
PL.11415	PL.11335	C	2ACSR	7.53Y	125.4	0.00	0.56	16.31	10	115	42	94	0.00	0.0	4.069	0.004	0	0	0	28	
PD.3552	PL.11415	C	25E	7.53Y	125.4	0.00	0.56	16.31	65	115	42	94	0.00	0.0	4.069	0.000	0	0	0	28	
PL.11416	PD.3552	C	2ACSR	7.52Y	125.4	0.05	0.61	16.31	10	115	42	94	0.04	0.0	4.153	0.084	0	0	0	28	
PL.38722	PL.11416	C	2ACSR	7.52Y	125.4	0.03	0.63	15.63	10	110	40	94	0.02	0.0	4.207	0.054	0	0	0	27	
PL.11413	PL.38722	C	2ACSR	7.52Y	125.4	0.01	0.65	14.19	9	100	37	94	0.01	0.0	4.237	0.030	0	0	0	24	
PL.11414	PL.11413	C	2ACSR	7.52Y	125.3	0.00	0.65	2.72	2	19	7	94	0.00	0.0	4.287	0.049	0	0	0	3	
PL.10715	PL.11414	C	2ACSR	7.52Y	125.3	0.00	0.66	1.98	1	14	5	94	0.00	0.0	4.327	0.040	0	0	0	2	
PL.2501	PL.10715	C	2ACSR	7.52Y	125.3	0.00	0.66	1.12	1	8	3	94	0.00	0.0	4.368	0.041	0	0	0	1	
484534	PL.2501	C	Consumer	7.52Y	125.3	0.00	0.66	1.12	0	8	3	94	0.00	0.0	4.368	0.000	8	3	1	1	
PL.10716	PL.10715	C	2ACSR	7.52Y	125.3	0.00	0.66	0.86	1	6	2	95	0.00	0.0	4.372	0.045	0	0	0	1	
484535	PL.10716	C	Consumer	7.52Y	125.3	0.00	0.66	0.86	0	6	2	95	0.00	0.0	4.372	0.000	6	2	1	1	
PL.2500	PL.11414	C	2ACSR	7.52Y	125.3	0.00	0.65	0.74	0	5	2	93	0.00	0.0	4.324	0.037	0	0	0	1	
484547	PL.2500	C	Consumer	7.52Y	125.3	0.00	0.65	0.74	0	5	2	93	0.00	0.0	4.324	0.000	5	2	1	1	
PL.11393	PL.11413	C	2ACSR	7.52Y	125.3	0.06	0.71	11.46	7	81	30	94	0.03	0.0	4.393	0.156	0	0	0	20	
PL.11394	PL.11393	C	2ACSR	7.52Y	125.3	0.04	0.75	11.46	7	81	30	94	0.02	0.0	4.495	0.101	0	0	0	20	
PL.3127	PL.11394	C	2ACSR	7.52Y	125.3	0.00	0.75	0.00	0	0	0	100	0.00	0.0	4.652	0.158	0	0	0	1	
484510	PL.3127	C	Consumer	7.52Y	125.3	0.00	0.75	0.00	0	0	0	100	0.00	0.0	4.652	0.000	0	0	1	1	
PL.37619	PL.11394	C	2ACSR	7.52Y	125.3	0.00	0.75	0.41	0	3	1	95	0.00	0.0	4.582	0.087	0	0	0	2	
484540	PL.37619	C	Consumer	7.52Y	125.3	0.00	0.75	0.00	0	0	0	100	0.00	0.0	4.582	0.000	0	0	1	1	
484514	PL.37619	C	Consumer	7.52Y	125.3	0.00	0.75	0.41	0	3	1	95	0.00	0.0	4.582	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	KVAR	% PF	kW Loss							% Loss
PL.11395	PL.11394	C	2ACSR	7.51Y	125.2	0.04	0.78	11.05	7	78	29	94	0.02	0.0	4.601	0.107	0	0	0	17
PL.3128	PL.11395	C	2ACSR	7.51Y	125.2	0.00	0.79	1.12	1	8	3	94	0.00	0.0	4.689	0.088	0	0	0	1
484528	PL.3128	C	Consumer	7.51Y	125.2	0.00	0.79	1.12	0	8	3	94	0.00	0.0	4.689	0.000	8	3	1	1
PL.11396	PL.11395	C	2ACSR	7.51Y	125.2	0.01	0.80	9.94	6	70	26	94	0.01	0.0	4.647	0.045	0	0	0	16
PL.19502	PL.11396	C	2ACSR	7.51Y	125.2	0.04	0.84	9.18	6	65	24	94	0.02	0.0	4.770	0.123	0	0	0	15
484511	PL.19502	C	Consumer	7.51Y	125.2	0.00	0.84	0.89	0	6	2	95	0.00	0.0	4.770	0.000	6	2	1	1
PL.19503	PL.19502	C	2ACSR	7.51Y	125.1	0.02	0.86	8.30	5	59	21	94	0.01	0.0	4.856	0.086	0	0	0	14
484522	PL.19503	C	Consumer	7.51Y	125.1	0.00	0.86	0.83	0	6	2	95	0.00	0.0	4.856	0.000	6	2	1	1
PL.10717	PL.19503	C	2ACSR	7.51Y	125.1	0.04	0.90	7.47	5	53	19	94	0.01	0.0	5.002	0.147	0	0	0	13
PL.12205	PL.10717	C	2ACSR	7.51Y	125.1	0.00	0.90	5.86	4	41	15	94	0.00	0.0	5.012	0.009	0	0	0	9
C PD.1636	PL.12205	C	fuse6AMP	7.51Y	125.1	0.00	0.90	5.86	100	41	15	94	0.00	0.0	5.012	0.000	0	0	0	9 C
PL.12206	PD.1636	C	2ACSR	7.51Y	125.1	0.02	0.91	5.86	4	41	15	94	0.00	0.0	5.095	0.083	0	0	0	9
PL.6628	PL.12206	C	2ACSR	7.50Y	125.1	0.01	0.92	5.86	4	41	15	94	0.00	0.0	5.127	0.033	0	0	0	9
484531	PL.6628	C	Consumer	7.50Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	5.127	0.000	0	0	1	1
484545	PL.6628	C	Consumer	7.50Y	125.1	0.00	0.92	0.23	0	2	1	89	0.00	0.0	5.127	0.000	2	1	1	1
PL.10718	PL.6628	C	2ACSR	7.50Y	125.1	0.01	0.93	5.63	4	40	14	94	0.00	0.0	5.169	0.042	0	0	0	7
PL.38723	PL.10718	C	2ACSR	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	5.204	0.035	0	0	0	0
PD.451-B	PL.38723	C	Open	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	5.204	0.000	0	0	0	0
PL.10720	PL.10718	C	2ACSR	7.50Y	125.1	0.01	0.94	5.63	4	40	14	94	0.00	0.0	5.210	0.041	0	0	0	7
PL.34966	PL.10720	C	2ACSR	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	5.271	0.061	0	0	0	0
4845068	PL.34966	C	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	5.271	0.000	0	0	0	0
PL.10721	PL.10720	C	2ACSR	7.50Y	125.1	0.00	0.94	3.56	2	25	9	94	0.00	0.0	5.243	0.033	0	0	0	5
PL.6629	PL.10721	C	2ACSR	7.50Y	125.1	0.00	0.94	1.57	1	11	4	94	0.00	0.0	5.330	0.087	0	0	0	3
PL.24143	PL.6629	C	2ACSR	7.50Y	125.1	0.00	0.95	0.72	0	5	2	93	0.00	0.0	5.487	0.157	0	0	0	2
484549	PL.24143	C	Consumer	7.50Y	125.1	0.00	0.95	0.68	0	5	2	93	0.00	0.0	5.487	0.000	5	2	1	1
484565	PL.24143	C	Consumer	7.50Y	125.1	0.00	0.95	0.04	0	0	0	100	0.00	0.0	5.487	0.000	0	0	1	1
4845070	PL.24143	C	Consumer	7.50Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	5.487	0.000	0	0	0	0
484548	PL.6629	C	Consumer	7.50Y	125.1	0.00	0.94	0.85	0	6	2	95	0.00	0.0	5.330	0.000	6	2	1	1
484517	PL.10721	C	Consumer	7.50Y	125.1	0.00	0.94	0.55	0	4	1	97	0.00	0.0	5.243	0.000	4	1	1	1
484530	PL.10721	C	Consumer	7.50Y	125.1	0.00	0.94	1.44	0	10	4	93	0.00	0.0	5.243	0.000	10	4	1	1
PL.3115	PL.10720	C	2ACSR	7.50Y	125.1	0.01	0.94	2.07	1	15	5	95	0.00	0.0	5.301	0.090	0	0	0	2
4845067	PL.3115	C	Consumer	7.50Y	125.1	0.00	0.94	1.07	0	8	3	94	0.00	0.0	5.301	0.000	8	3	1	1
484563	PL.3115	C	Consumer	7.50Y	125.1	0.00	0.94	1.00	0	7	3	92	0.00	0.0	5.301	0.000	7	3	1	1
484515	PL.10717	C	Consumer	7.51Y	125.1	0.00	0.90	0.13	0	1	0	100	0.00	0.0	5.002	0.000	1	0	1	1
PL.12207	PL.10717	C	2ACSR	7.51Y	125.1	0.00	0.90	1.48	1	10	4	93	0.00	0.0	5.019	0.017	0	0	0	3
PD.1637	PL.12207	C	fuse6AMP	7.51Y	125.1	0.00	0.90	1.48	25	10	4	93	0.00	0.0	5.019	0.000	0	0	0	3
PL.12208	PD.1637	C	2ACSR	7.51Y	125.1	0.01	0.90	1.48	1	10	4	93	0.00	0.0	5.176	0.156	0	0	0	3
484521	PL.12208	C	Consumer	7.51Y	125.1	0.00	0.90	0.67	0	5	2	93	0.00	0.0	5.176	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.11818	PL.12208	C	2ACSR	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	5.249	0.074	0	0	0	1
484523	PL.11818	C	Consumer	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	5.249	0.000	0	0	1	1
PL.24141	PL.12208	C	2ACSR	7.51Y	125.1	0.00	0.91	0.80	1	6	2	95	0.00	0.0	5.221	0.045	0	0	0	1
484546	PL.24141	C	Consumer	7.51Y	125.1	0.00	0.91	0.80	0	6	2	95	0.00	0.0	5.221	0.000	6	2	1	1
484512	PL.11396	C	Consumer	7.51Y	125.2	0.00	0.80	0.75	0	5	2	93	0.00	0.0	4.647	0.000	5	2	1	1
484509	PL.11413	C	Consumer	7.52Y	125.4	0.00	0.65	0.01	0	0	0	100	0.00	0.0	4.237	0.000	0	0	1	1
PL.6633	PL.38722	C	2ACSR	7.52Y	125.4	0.01	0.64	1.45	1	10	4	93	0.00	0.0	4.329	0.122	0	0	0	3
PL.6634	PL.6633	C	2ACSR	7.52Y	125.4	0.00	0.64	1.45	1	10	4	93	0.00	0.0	4.329	0.000	0	0	0	3
484543	PL.6634	C	Consumer	7.52Y	125.4	0.00	0.64	0.34	0	2	1	89	0.00	0.0	4.329	0.000	2	1	1	1
484560	PL.6634	C	Consumer	7.52Y	125.4	0.00	0.64	0.10	0	1	0	100	0.00	0.0	4.329	0.000	1	0	1	1
484542	PL.6634	C	Consumer	7.52Y	125.4	0.00	0.64	1.00	0	7	3	92	0.00	0.0	4.329	0.000	7	3	1	1
4845072	PL.11416	C	Consumer	7.52Y	125.4	0.00	0.61	0.00	0	0	0	100	0.00	0.0	4.153	0.000	0	0	0	0
484533	PL.11416	C	Consumer	7.52Y	125.4	0.00	0.61	0.68	0	5	2	93	0.00	0.0	4.153	0.000	5	2	1	1
4845040	PL.19050	B	Consumer	7.36Y	122.6	0.00	3.35	0.00	0	0	0	100	0.00	0.0	3.858	0.000	0	0	0	0
484551	PL.19050	B	Consumer	7.36Y	122.6	0.00	3.35	1.20	0	8	3	94	0.00	0.0	3.858	0.000	8	3	1	1
PL.38593	PL.38591	C	4ACSR	7.53Y	125.5	0.00	0.54	1.10	1	8	3	94	0.00	0.0	3.895	0.068	0	0	0	1
483529	PL.38593	C	Consumer	7.53Y	125.5	0.00	0.54	1.10	0	8	3	94	0.00	0.0	3.895	0.000	8	3	1	1
483530	PL.38588	B	Consumer	7.36Y	122.7	0.00	3.33	1.42	0	10	4	93	0.00	0.0	3.705	0.000	10	4	1	1
PL.39513	PL.38584	B	2ACSR	7.36Y	122.7	0.00	3.33	0.01	0	0	0	100	0.00	0.0	3.786	0.105	0	0	0	1
4835040	PL.39513	B	Consumer	7.36Y	122.7	0.00	3.33	0.01	0	0	0	100	0.00	0.0	3.786	0.000	0	0	1	1
PL.38596	PL.38584	B	2ACSR	7.36Y	122.7	0.00	3.33	0.27	0	2	1	89	0.00	0.0	3.694	0.013	0	0	0	2
PD.6705	PL.38596	B	fuse6AMP	7.36Y	122.7	0.00	3.33	0.27	5	2	1	89	0.00	0.0	3.694	0.000	0	0	0	2
PL.38597	PD.6705	B	2ACSR	7.36Y	122.7	0.00	3.33	0.27	0	2	1	89	0.00	0.0	3.703	0.009	0	0	0	2
PL.38587	PL.38597	B	2ACSR	7.36Y	122.7	0.00	3.33	0.27	0	2	1	89	0.00	0.0	3.907	0.204	0	0	0	2
483506	PL.38587	B	Consumer	7.36Y	122.7	0.00	3.33	0.00	0	0	0	100	0.00	0.0	3.907	0.000	0	0	1	1
483523	PL.38587	B	Consumer	7.36Y	122.7	0.00	3.33	0.27	0	2	1	89	0.00	0.0	3.907	0.000	2	1	1	1
PL.37608	PL.38574	C	2ACSR	7.53Y	125.5	0.00	0.50	0.59	0	4	2	89	0.00	0.0	3.530	0.044	0	0	0	1
4835042	PL.37608	C	Consumer	7.53Y	125.5	0.00	0.50	0.59	0	4	2	89	0.00	0.0	3.530	0.000	4	2	1	1
483531	PL.38569	B	Consumer	7.36Y	122.7	0.00	3.27	1.27	0	9	3	95	0.00	0.0	3.348	0.000	9	3	1	1
PL.38563	PL.38559	B	2ACSR	7.36Y	122.7	0.00	3.26	2.25	1	16	6	94	0.00	0.0	3.297	0.010	0	0	0	3
PD.6701	PL.38563	B	fuse6AMP	7.36Y	122.7	0.00	3.26	2.25	38	16	6	94	0.00	0.0	3.297	0.000	0	0	0	3
PL.38564	PD.6701	B	2ACSR	7.36Y	122.7	0.00	3.26	2.25	1	16	6	94	0.00	0.0	3.359	0.062	0	0	0	3
PL.3134	PL.38564	B	2ACSR	7.36Y	122.7	0.00	3.26	0.76	0	5	2	93	0.00	0.0	3.451	0.092	0	0	0	1
483509	PL.3134	B	Consumer	7.36Y	122.7	0.00	3.26	0.76	0	5	2	93	0.00	0.0	3.451	0.000	5	2	1	1
PL.24137	PL.38564	B	2ACSR	7.36Y	122.7	0.00	3.27	1.49	1	10	4	93	0.00	0.0	3.437	0.078	0	0	0	2
483517	PL.24137	B	Consumer	7.36Y	122.7	0.00	3.27	1.01	0	7	3	92	0.00	0.0	3.437	0.000	7	3	1	1
483528	PL.24137	B	Consumer	7.36Y	122.7	0.00	3.27	0.48	0	3	1	95	0.00	0.0	3.437	0.000	3	1	1	1
PL.38565	PL.38558	B	4ACSR	7.37Y	122.8	0.00	3.24	1.97	2	14	5	94	0.00	0.0	3.235	0.010	0	0	0	3

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.6702	PL.38565	B	fuse9AMP	7.37Y	122.8	0.00	3.24	1.97	0	14	5	94	0.00	0.0	3.235	0.000	0	0	0	3
PL.38566	PD.6702	B	4ACSR	7.37Y	122.8	0.00	3.25	1.97	2	14	5	94	0.00	0.0	3.268	0.033	0	0	0	3
483535	PL.38566	B	Consumer	7.37Y	122.8	0.00	3.25	0.74	0	5	2	93	0.00	0.0	3.268	0.000	5	2	1	1
PL.38560	PL.38566	B	4ACSR	7.36Y	122.7	0.00	3.25	1.23	1	8	3	94	0.00	0.0	3.327	0.059	0	0	0	2
PL.20634	PL.38560	B	4ACSR	7.36Y	122.7	0.00	3.25	1.19	1	8	3	94	0.00	0.0	3.362	0.035	0	0	0	1
483510	PL.20634	B	Consumer	7.36Y	122.7	0.00	3.25	1.19	0	8	3	94	0.00	0.0	3.362	0.000	8	3	1	1
483534	PL.38560	B	Consumer	7.36Y	122.7	0.00	3.25	0.04	0	0	0	100	0.00	0.0	3.327	0.000	0	0	1	1
PL.38548	PL.38541	B	2ACSR	7.37Y	122.8	0.00	3.23	0.58	0	4	1	97	0.00	0.0	3.194	0.010	0	0	0	2
PD.6696	PL.38548	B	fuse6AMP	7.37Y	122.8	0.00	3.23	0.58	10	4	1	97	0.00	0.0	3.194	0.000	0	0	0	2
PL.38549	PD.6696	B	2ACSR	7.37Y	122.8	0.00	3.24	0.58	0	4	1	97	0.00	0.0	3.408	0.214	0	0	0	2
PL.24140	PL.38549	B	2ACSR	7.37Y	122.8	0.00	3.24	0.58	0	4	1	97	0.00	0.0	3.488	0.080	0	0	0	2
PL.3135	PL.24140	B	2ACSR	7.37Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	3.690	0.202	0	0	0	1
483519	PL.3135	B	Consumer	7.37Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	3.690	0.000	0	0	1	1
PL.24139	PL.24140	B	2ACSR	7.37Y	122.8	0.01	3.25	0.58	0	4	1	97	0.00	0.0	3.799	0.311	0	0	0	1
483507	PL.24139	B	Consumer	7.37Y	122.8	0.00	3.25	0.58	0	4	1	97	0.00	0.0	3.799	0.000	4	1	1	1
PL.38557	PL.38530	B	2ACSR	7.37Y	122.8	0.00	3.20	0.67	0	5	2	93	0.00	0.0	3.036	0.008	0	0	0	2
PD.6700	PL.38557	B	fuse6AMP	7.37Y	122.8	0.00	3.20	0.67	11	5	2	93	0.00	0.0	3.036	0.000	0	0	0	2
PL.38556	PD.6700	B	2ACSR	7.37Y	122.8	0.00	3.20	0.67	0	5	2	93	0.00	0.0	3.075	0.039	0	0	0	2
483522	PL.38556	B	Consumer	7.37Y	122.8	0.00	3.20	0.03	0	0	0	100	0.00	0.0	3.075	0.000	0	0	1	1
483504	PL.38556	B	Consumer	7.37Y	122.8	0.00	3.20	0.64	0	4	2	89	0.00	0.0	3.075	0.000	4	2	1	1
PL.38554	PL.38530	A	2ACSR	7.41Y	123.6	0.00	2.45	0.74	0	5	2	93	0.00	0.0	3.040	0.012	0	0	0	1
PD.6699	PL.38554	A	fuse6AMP	7.41Y	123.6	0.00	2.45	0.74	13	5	2	93	0.00	0.0	3.040	0.000	0	0	0	1
PL.38555	PD.6699	A	2ACSR	7.41Y	123.5	0.00	2.45	0.74	0	5	2	93	0.00	0.0	3.051	0.011	0	0	0	1
PL.3133	PL.38555	A	2ACSR	7.41Y	123.5	0.00	2.45	0.74	0	5	2	93	0.00	0.0	3.131	0.080	0	0	0	1
483408	PL.3133	A	Consumer	7.41Y	123.5	0.00	2.45	0.74	0	5	2	93	0.00	0.0	3.131	0.000	5	2	1	1
PL.38552	PL.38530	A	2ACSR	7.41Y	123.6	0.00	2.45	0.00	0	0	0	100	0.00	0.0	3.037	0.009	0	0	0	1
PD.6698	PL.38552	A	fuse6AMP	7.41Y	123.6	0.00	2.45	0.00	0	0	0	100	0.00	0.0	3.037	0.000	0	0	0	1
PL.38553	PD.6698	A	2ACSR	7.41Y	123.6	0.00	2.45	0.00	0	0	0	100	0.00	0.0	3.047	0.010	0	0	0	1
PL.38535	PL.38553	A	2ACSR	7.41Y	123.6	-0.00	2.45	0.00	0	0	0	100	0.00	0.0	3.130	0.083	0	0	0	1
483405	PL.38535	A	Consumer	7.41Y	123.6	0.00	2.45	0.00	0	0	0	100	0.00	0.0	3.130	0.000	0	0	0	0
483406	PL.38535	A	Consumer	7.41Y	123.6	0.00	2.45	0.00	0	0	0	100	0.00	0.0	3.130	0.000	0	0	1	1
PL.38500	PL.38498	B	2ACSR	7.38Y	122.9	0.01	3.08	1.28	1	9	3	95	0.00	0.0	2.639	0.124	0	0	0	2
482501	PL.38500	B	Consumer	7.38Y	122.9	0.00	3.08	1.26	0	9	3	95	0.00	0.0	2.639	0.000	9	3	1	1
482511	PL.38500	B	Consumer	7.38Y	122.9	0.00	3.08	0.01	0	0	0	100	0.00	0.0	2.639	0.000	0	0	1	1
PL.9908	PL.38492	C	4ACSR	7.54Y	125.6	0.00	0.40	1.26	1	9	3	95	0.00	0.0	2.357	0.005	0	0	0	4
PD.1623	PL.9908	C	fuse6AMP	7.54Y	125.6	0.00	0.40	1.26	21	9	3	95	0.00	0.0	2.357	0.000	0	0	0	4
PL.9909	PD.1623	C	4ACSR	7.53Y	125.6	0.02	0.43	1.26	1	9	3	95	0.00	0.0	2.783	0.426	0	0	0	4
PL.6509	PL.9909	C	4ACSR	7.53Y	125.6	0.01	0.44	0.45	0	3	1	95	0.00	0.0	3.258	0.475	0	0	0	2

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.6510	PL.6509	C	4ACSR	7.53Y	125.6	0.00	0.44	0.29	0	2	1	89	0.00	0.0	3.298	0.040	0	0	0	1
PL.3106	PL.6510	C	4ACSR	7.53Y	125.6	0.00	0.44	0.29	0	2	1	89	0.00	0.0	3.445	0.147	0	0	0	1
482506	PL.3106	C	Consumer	7.53Y	125.6	0.00	0.44	0.29	0	2	1	89	0.00	0.0	3.445	0.000	2	1	1	1
482505	PL.6509	C	Consumer	7.53Y	125.6	0.00	0.44	0.15	0	1	0	100	0.00	0.0	3.258	0.000	1	0	1	1
PL.3108	PL.9909	C	2ACSR	7.53Y	125.6	0.00	0.43	0.81	1	6	2	95	0.00	0.0	2.869	0.086	0	0	0	2
482503	PL.3108	C	Consumer	7.53Y	125.6	0.00	0.43	0.81	0	6	2	95	0.00	0.0	2.869	0.000	6	2	1	1
PL.23959	PL.3108	C	4ACSR	7.53Y	125.6	0.00	0.43	0.00	0	0	0	100	0.00	0.0	2.928	0.059	0	0	0	1
482513	PL.23959	C	Consumer	7.53Y	125.6	0.00	0.43	0.00	0	0	0	100	0.00	0.0	2.928	0.000	0	0	1	1
482413	PL.38772	B	Consumer	7.38Y	123.0	0.00	3.00	0.12	0	1	0	100	0.00	0.0	2.194	0.000	1	0	1	1
PL.3107	PL.38772	C	2ACSR	7.54Y	125.6	0.00	0.39	1.13	1	8	3	94	0.00	0.0	2.271	0.077	0	0	0	3
482412	PL.3107	C	Consumer	7.54Y	125.6	0.00	0.39	0.00	0	0	0	100	0.00	0.0	2.271	0.000	0	0	1	1
482406	PL.3107	C	Consumer	7.54Y	125.6	0.00	0.39	0.69	0	5	2	93	0.00	0.0	2.271	0.000	5	2	1	1
482403	PL.3107	C	Consumer	7.54Y	125.6	0.00	0.39	0.44	0	3	1	95	0.00	0.0	2.271	0.000	3	1	1	1
482408	PL.38769	A	Consumer	7.44Y	124.0	0.00	1.96	0.58	0	4	1	97	0.00	0.0	1.975	0.000	4	1	1	1
PL.45502	PL.9918	B	4ACSR	7.42Y	123.6	0.00	2.38	2.16	2	15	6	93	0.00	0.0	1.424	0.012	0	0	0	4
PD.8657	PL.45502	B	fuse6AMP	7.42Y	123.6	0.00	2.38	2.16	37	15	6	93	0.00	0.0	1.424	0.000	0	0	0	4
PL.45503	PD.8657	B	4ACSR	7.42Y	123.6	0.01	2.39	2.16	2	15	6	93	0.00	0.0	1.493	0.070	0	0	0	4
481501	PL.45503	B	Consumer	7.42Y	123.6	0.00	2.39	1.12	0	8	3	94	0.00	0.0	1.493	0.000	8	3	1	1
PL.7164	PL.45503	B	4ACSR	7.42Y	123.6	0.00	2.39	1.05	1	7	3	92	0.00	0.0	1.523	0.030	0	0	0	3
PL.7177	PL.7164	B	4ACSR	7.42Y	123.6	0.01	2.40	1.05	1	7	3	92	0.00	0.0	1.639	0.116	0	0	0	3
PL.7178	PL.7177	B	4ACSR	7.42Y	123.6	0.00	2.40	1.05	1	7	3	92	0.00	0.0	1.701	0.062	0	0	0	2
PL.23953	PL.7178	B	4ACSR	7.42Y	123.6	0.00	2.40	0.14	0	1	0	100	0.00	0.0	1.803	0.101	0	0	0	1
481409	PL.23953	B	Consumer	7.42Y	123.6	0.00	2.40	0.14	0	1	0	100	0.00	0.0	1.803	0.000	1	0	1	1
PL.23954	PL.7178	B	4ACSR	7.42Y	123.6	0.00	2.40	0.00	0	0	0	100	0.00	0.0	1.778	0.077	0	0	0	0
4814025	PL.7178	B	Consumer	7.42Y	123.6	0.00	2.40	0.91	0	6	2	95	0.00	0.0	1.701	0.000	6	2	1	1
481421	PL.7177	B	Consumer	7.42Y	123.6	0.00	2.40	0.00	0	0	0	100	0.00	0.0	1.639	0.000	0	0	1	1
PL.9915	PL.9918	C	4ACSR	7.54Y	125.7	0.00	0.30	2.61	2	18	7	93	0.00	0.0	1.428	0.017	0	0	0	3
PD.1619	PL.9915	C	fuse6AMP	7.54Y	125.7	0.00	0.30	2.61	45	18	7	93	0.00	0.0	1.428	0.000	0	0	0	3
PL.9916	PD.1619	C	4ACSR	7.54Y	125.7	0.01	0.31	2.61	2	18	7	93	0.00	0.0	1.515	0.087	0	0	0	3
481503	PL.9916	C	Consumer	7.54Y	125.7	0.00	0.31	1.30	0	9	3	95	0.00	0.0	1.515	0.000	9	3	1	1
PL.6513	PL.9916	C	4ACSR	7.54Y	125.7	0.00	0.31	1.31	1	9	3	95	0.00	0.0	1.562	0.047	0	0	0	2
PL.3111	PL.6513	C	4ACSR	7.54Y	125.7	0.00	0.32	0.79	1	6	2	95	0.00	0.0	1.609	0.047	0	0	0	1
481513	PL.3111	C	Consumer	7.54Y	125.7	0.00	0.32	0.79	0	6	2	95	0.00	0.0	1.609	0.000	6	2	1	1
481504	PL.6513	C	Consumer	7.54Y	125.7	0.00	0.31	0.52	0	4	1	97	0.00	0.0	1.562	0.000	4	1	1	1
481512	PL.9920	B	Consumer	7.45Y	124.2	0.00	1.82	1.60	0	11	4	94	0.00	0.0	1.067	0.000	11	4	1	1
481508	PL.36677	B	Consumer	7.49Y	124.9	0.00	1.13	0.81	0	6	2	95	0.00	0.0	0.652	0.000	6	2	1	1
PL.34818	PL.10150	C	2ACSR	7.55Y	125.9	0.00	0.10	0.56	0	4	1	97	0.00	0.0	0.490	0.047	0	0	0	1
4815023	PL.34818	C	Consumer	7.55Y	125.9	0.00	0.10	0.56	0	4	1	97	0.00	0.0	0.490	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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 (SIDEVIEW2) beginning with device PD.3908.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	mi	Length						KW	KVAR		
PL.19589	PL.20630	A	4/0ACSR	15.09Y	125.8	0.02	0.25	21.01	7	298	107	94	0.22	0.0	0.697	0.129	0	0	0	66		
		B		15.05Y	125.4	0.05	0.58	49.91	18	708	251	94					0	0	0	180		
		C		15.10Y	125.8	0.00	0.20	25.07	9	358	124	95					0	0	0	85		
PL.19590	PL.19589	A	4/0ACSR	15.09Y	125.7	0.01	0.25	20.67	7	293	106	94	0.09	0.0	0.750	0.053	0	0	0	65		
		B		15.05Y	125.4	0.02	0.60	49.13	17	697	247	94					0	0	0	178		
		C		15.10Y	125.8	0.00	0.20	25.07	9	358	124	95					0	0	0	85		
PL.14627	PL.19590	A	4/0ACSR	15.09Y	125.7	0.01	0.26	20.67	7	293	106	94	0.13	0.0	0.830	0.080	0	0	0	65		
		B		15.04Y	125.4	0.03	0.63	49.13	17	697	247	94					0	0	0	178		
		C		15.10Y	125.8	0.00	0.20	25.07	9	358	124	95					0	0	0	85		
PL.26529	PL.14627	C	4ACSR	15.10Y	125.8	0.00	0.20	0.51	0	7	3	92	0.00	0.0	0.834	0.004	0	0	0	1		
PD.1707	PL.26529	C	fuse6AMP	15.10Y	125.8	0.00	0.20	0.51	9	7	3	92	0.00	0.0	0.834	0.000	0	0	0	1		
PL.19523	PD.1707	C	4ACSR	15.10Y	125.8	0.00	0.20	0.51	0	7	3	92	0.00	0.0	0.867	0.033	0	0	0	1		
PL.19524	PL.19523	C	4ACSR	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	0.890	0.023	0	0	0	0		
4816055	PL.19524	C	Consumer	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	0.890	0.000	0	0	0	0		
481635	PL.19523	C	Consumer	15.10Y	125.8	0.00	0.20	0.51	0	7	3	92	0.00	0.0	0.867	0.000	7	3	1	1		
4816056	PL.14627	B	Consumer	15.04Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	0.830	0.000	0	0	0	0		
PL.26744	PL.14627	A	4/0ACSR	15.09Y	125.7	0.01	0.28	19.78	7	281	101	94	0.17	0.0	0.937	0.107	0	0	0	62		
		B		15.04Y	125.3	0.04	0.67	49.13	17	697	247	94					0	0	0	178		
		C		15.10Y	125.8	0.00	0.20	24.56	9	350	121	95					0	0	0	84		
PL.26745	PL.26744	A	4/0ACSR	15.09Y	125.7	0.00	0.28	19.54	7	277	100	94	0.03	0.0	0.953	0.017	0	0	0	61		
		B		15.04Y	125.3	0.01	0.67	48.86	17	693	245	94					0	0	0	177		
		C		15.10Y	125.8	0.00	0.21	24.56	9	350	121	95					0	0	0	84		
PL.26746	PL.26745	A	4/0ACSR	15.09Y	125.7	0.00	0.28	19.54	7	277	100	94	0.00	0.0	0.954	0.000	0	0	0	61		
		B		15.04Y	125.3	0.00	0.67	48.86	17	693	245	94					0	0	0	177		
		C		15.10Y	125.8	0.00	0.21	24.56	9	350	121	95					0	0	0	84		
PL.26747	PL.26746	A	4/0ACSR	15.09Y	125.7	0.01	0.29	19.54	7	277	100	94	0.07	0.0	0.995	0.041	0	0	0	61		
		B		15.04Y	125.3	0.01	0.69	48.64	17	690	244	94					0	0	0	176		
		C		15.10Y	125.8	0.00	0.21	24.56	9	350	121	95					0	0	0	84		
481723	PL.26747	C	Consumer	15.10Y	125.8	0.00	0.21	0.52	0	7	3	92	0.00	0.0	0.995	0.000	7	3	1	1		
PL.26748	PL.26747	A	4/0ACSR	15.08Y	125.7	0.02	0.31	19.54	7	277	100	94	0.27	0.0	1.165	0.170	0	0	0	61		
		B		15.03Y	125.3	0.06	0.75	48.64	17	690	244	94					0	0	0	176		
		C		15.09Y	125.8	0.00	0.21	24.03	8	343	118	95					0	0	0	83		
PL.15759	PL.26748	C	4ACSR	15.09Y	125.8	0.00	0.21	1.51	1	21	8	93	0.00	0.0	1.191	0.026	0	0	0	4		
PD.1708	PL.15759	C	fuse6AMP	15.09Y	125.8	0.00	0.21	1.51	26	21	8	93	0.00	0.0	1.191	0.000	0	0	0	4		
PL.20631	PD.1708	C	4ACSR	15.09Y	125.8	0.00	0.21	1.51	1	21	8	93	0.00	0.0	1.260	0.069	0	0	0	4		
481730	PL.20631	C	Consumer	15.09Y	125.8	0.00	0.21	0.63	0	9	3	95	0.00	0.0	1.260	0.000	9	3	1	1		
481702	PL.20631	C	Consumer	15.09Y	125.8	0.00	0.21	0.36	0	5	2	93	0.00	0.0	1.260	0.000	5	2	1	1		
481734	PL.20631	C	Consumer	15.09Y	125.8	0.00	0.21	0.52	0	7	3	92	0.00	0.0	1.260	0.000	7	3	1	1		
PL.20632	PL.20631	C	4ACSR	15.09Y	125.8	0.00	0.21	0.00	0	0	0	100	0.00	0.0	1.374	0.114	0	0	0	1		
481714	PL.20632	C	Consumer	15.09Y	125.8	0.00	0.21	0.00	0	0	0	100	0.00	0.0	1.374	0.000	0	0	1	1		
PL.7058	PL.26748	A	4/0ACSR	15.08Y	125.7	0.02	0.33	19.54	7	277	100	94	0.22	0.0	1.310	0.145	0	0	0	60		
		B		15.02Y	125.2	0.05	0.80	48.64	17	689	243	94					0	0	0	176		
		C		15.09Y	125.8	0.00	0.21	22.33	8	319	109	95					0	0	0	78		
PL.15760	PL.7058	A	4/0ACSR	15.08Y	125.7	0.01	0.33	19.54	7	277	100	94	0.09	0.0	1.369	0.059	0	0	0	60		
		B		15.02Y	125.2	0.02	0.82	48.64	17	689	243	94					0	0	0	176		
		C		15.09Y	125.8	0.00	0.21	22.33	8	319	109	95					0	0	0	78		
PD.435-A	PL.15760	A	Closed	15.08Y	125.7	0.00	0.33	19.54	0	277	100	94	0.00	0.0	1.369	0.000	0	0	0	60		
		B		15.02Y	125.2	0.00	0.82	48.64	0	689	243	94					0	0	0	176		
		C		15.09Y	125.8	0.00	0.21	22.33	0	319	109	95					0	0	0	78		

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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 PD.435-B, PL.15761, PL.15762, PD.1694, PL.15763, 481731, 481704, 481727, PL.26530, PL.26531, PL.15764, PD.1693, PL.15765, PL.26534, 481705, PL.2660, PL.39687, PL.39692, PL.39694, PD.1692, PL.39695, 481729, 481711, PL.39697, PL.39725, PD.7021-A.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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.7021-B, PL.39726, PL.39710, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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.14754, PL.30825, PD.3837-A, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.15448	PL.15449	A	1/0ACSR	15.05Y	125.4	0.01	0.56	14.52	7	206	74	94	0.05	0.0	3.433	0.075	0	0	0	44
		B		14.97Y	124.7	0.01	1.28	13.74	7	193	71	94					0	0	0	56
		C		15.08Y	125.7	0.01	0.35	17.69	9	253	85	95					0	0	0	64
PL.30368	PL.15448	A	4ACSR	15.05Y	125.4	0.00	0.56	0.49	0	7	3	92	0.00	0.0	3.555	0.122	0	0	0	1
4808017	PL.30368	A	Consumer	15.05Y	125.4	0.00	0.56	0.49	0	7	3	92	0.00	0.0	3.555	0.000	7	3	1	1
PL.28938	PL.15448	B	4ACSR	14.97Y	124.7	0.00	1.28	0.53	0	7	3	92	0.00	0.0	3.449	0.016	0	0	0	1
PD.1711	PL.28938	B	fuse6AMP	14.97Y	124.7	0.00	1.28	0.53	9	7	3	92	0.00	0.0	3.449	0.000	0	0	0	1
PL.29189	PD.1711	B	4ACSR	14.97Y	124.7	0.00	1.28	0.53	0	7	3	92	0.00	0.0	3.522	0.073	0	0	0	1
PL.29178	PL.29189	B	4ACSR	14.97Y	124.7	0.00	1.29	0.53	0	7	3	92	0.00	0.0	3.597	0.074	0	0	0	1
480814	PL.29178	B	Consumer	14.97Y	124.7	0.00	1.29	0.53	0	7	3	92	0.00	0.0	3.597	0.000	7	3	1	1
480803	PL.15448	C	Consumer	15.08Y	125.7	0.00	0.35	0.32	0	4	2	89	0.00	0.0	3.433	0.000	4	2	1	1
PL.15144	PL.15448	A	1/0ACSR	15.05Y	125.4	0.01	0.56	14.03	7	199	71	94	0.03	0.0	3.480	0.047	0	0	0	43
		B		14.97Y	124.7	0.01	1.29	13.21	7	186	68	94					0	0	0	55
		C		15.08Y	125.6	0.01	0.36	17.38	9	249	83	95					0	0	0	63
PL.38758	PL.15144	A	1/0ACSR	15.05Y	125.4	0.00	0.57	14.03	7	199	71	94	0.01	0.0	3.497	0.017	0	0	0	43
		B		14.97Y	124.7	0.00	1.29	13.21	7	186	68	94					0	0	0	55
		C		15.08Y	125.6	0.00	0.36	17.38	9	249	83	95					0	0	0	63
PD.6711	PL.38758	A	100E	15.05Y	125.4	0.00	0.57	14.03	14	199	71	94	0.00	0.0	3.497	0.000	0	0	0	43
		B		14.97Y	124.7	0.00	1.29	13.21	13	186	68	94					0	0	0	55
		C		15.08Y	125.6	0.00	0.36	17.38	17	249	83	95					0	0	0	63
PL.38759	PD.6711	A	1/0ACSR	15.05Y	125.4	0.02	0.59	14.03	7	199	71	94	0.10	0.0	3.672	0.175	0	0	0	43
		B		14.96Y	124.7	0.02	1.31	13.21	7	186	68	94					0	0	0	55
		C		15.07Y	125.6	0.03	0.39	17.38	9	249	83	95					0	0	0	63
PL.15446	PL.38759	B	4ACSR	14.96Y	124.7	0.00	1.31	0.14	0	2	1	89	0.00	0.0	3.687	0.015	0	0	0	2
PD.1710	PL.15446	B	fuse6AMP	14.96Y	124.7	0.00	1.31	0.14	2	2	1	89	0.00	0.0	3.687	0.000	0	0	0	2
PL.15447	PD.1710	B	4ACSR	14.96Y	124.7	0.00	1.31	0.14	0	2	1	89	0.00	0.0	3.759	0.072	0	0	0	2
PL.7091	PL.15447	B	4ACSR	14.96Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	3.836	0.077	0	0	0	1
480806	PL.7091	B	Consumer	14.96Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	3.836	0.000	0	0	1	1
480805	PL.15447	B	Consumer	14.96Y	124.7	0.00	1.31	0.14	0	2	1	89	0.00	0.0	3.759	0.000	2	1	1	1
PL.7092	PL.38759	A	1/0ACSR	15.05Y	125.4	0.01	0.60	14.03	7	199	71	94	0.07	0.0	3.802	0.130	0	0	0	43
		B		14.96Y	124.7	0.02	1.33	13.07	7	184	67	94					0	0	0	53
		C		15.07Y	125.6	0.02	0.41	17.38	9	249	83	95					0	0	0	63
480905	PL.7092	C	Consumer	15.07Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	3.802	0.000	0	0	0	0
480903	PL.7092	B	Consumer	14.96Y	124.7	0.00	1.33	0.14	0	2	1	89	0.00	0.0	3.802	0.000	2	1	1	1
PL.15444	PL.7092	A	1/0ACSR	15.05Y	125.4	0.00	0.60	14.03	7	199	71	94	0.03	0.0	3.846	0.045	0	0	0	43
		B		14.96Y	124.7	0.01	1.33	12.93	6	182	67	94					0	0	0	52
		C		15.07Y	125.6	0.01	0.42	17.38	9	248	83	95					0	0	0	63
PL.15288	PL.15444	B	4ACSR	14.96Y	124.7	0.00	1.33	0.21	0	3	1	95	0.00	0.0	3.863	0.017	0	0	0	3
PD.1709	PL.15288	B	fuse6AMP	14.96Y	124.7	0.00	1.33	0.21	4	3	1	95	0.00	0.0	3.863	0.000	0	0	0	3
PL.15289	PD.1709	B	4ACSR	14.96Y	124.7	0.00	1.34	0.21	0	3	1	95	0.00	0.0	4.022	0.159	0	0	0	3
480906	PL.15289	B	Consumer	14.96Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	4.022	0.000	0	0	1	1
PL.2641	PL.15289	B	4ACSR	14.96Y	124.7	0.00	1.34	0.21	0	3	1	95	0.00	0.0	4.186	0.164	0	0	0	2
PL.2639	PL.2641	B	4ACSR	14.96Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	4.474	0.288	0	0	0	0
PL.2642	PL.2641	B	4ACSR	14.96Y	124.7	0.00	1.34	0.21	0	3	1	95	0.00	0.0	4.292	0.106	0	0	0	1
480902	PL.2642	B	Consumer	14.96Y	124.7	0.00	1.34	0.21	0	3	1	95	0.00	0.0	4.292	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	mi Length (mi)	KW					KVAR			
PL.2640	PL.2641	B	4ACSR	14.96Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	4.401	0.215	0	0	0	1	
481903	PL.2640	B	Consumer	14.96Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	4.401	0.000	0	0	1	1	
PL.15445	PL.15444	A	1/0ACSR	15.04Y	125.4	0.03	0.64	14.03	7	199	71	94	0.16	0.0	4.134	0.288	0	0	0	43	
		B		14.96Y	124.6	0.03	1.37	12.71	6	179	66	94					0	0	0	49	
		C		15.06Y	125.5	0.05	0.47	17.38	9	248	83	95					0	0	0	63	
PL.15442	PL.15445	A	1/0ACSR	15.04Y	125.4	0.00	0.64	14.03	7	199	71	94	0.02	0.0	4.177	0.043	0	0	0	43	
		B		14.96Y	124.6	0.01	1.37	12.71	6	178	66	94					0	0	0	49	
		C		15.06Y	125.5	0.01	0.48	17.38	9	248	83	95					0	0	0	63	
PL.15286	PL.15442	A	4ACSR	15.04Y	125.4	0.00	0.64	0.10	0	1	1	71	0.00	0.0	4.194	0.017	0	0	0	1	
PD.1321	PL.15286	A	fuse6AMP	15.04Y	125.4	0.00	0.64	0.10	2	1	1	71	0.00	0.0	4.194	0.000	0	0	0	1	
PL.15287	PD.1321	A	4ACSR	15.04Y	125.4	0.00	0.64	0.10	0	1	1	71	0.00	0.0	4.249	0.055	0	0	0	1	
429901	PL.15287	A	Consumer	15.04Y	125.4	0.00	0.64	0.10	0	1	1	71	0.00	0.0	4.249	0.000	1	1	1	1	
PL.15443	PL.15442	A	1/0ACSR	15.04Y	125.3	0.01	0.65	13.93	7	197	70	94	0.07	0.0	4.309	0.131	0	0	0	42	
		B		14.95Y	124.6	0.02	1.39	12.71	6	178	66	94					0	0	0	49	
		C		15.06Y	125.5	0.02	0.50	17.38	9	248	83	95					0	0	0	63	
PL.15284	PL.15443	B	4ACSR	14.95Y	124.6	0.00	1.39	0.00	0	0	0	100	0.00	0.0	4.330	0.021	0	0	0	1	
PD.1320	PL.15284	B	fuse6AMP	14.95Y	124.6	0.00	1.39	0.00	0	0	0	100	0.00	0.0	4.330	0.000	0	0	0	1	
PL.15285	PD.1320	B	4ACSR	14.95Y	124.6	0.00	1.39	0.00	0	0	0	100	0.00	0.0	4.379	0.049	0	0	0	1	
PL.2643	PL.15285	B	4ACSR	14.95Y	124.6	0.00	1.39	0.00	0	0	0	100	0.00	0.0	4.703	0.324	0	0	0	1	
480904	PL.2643	B	Consumer	14.95Y	124.6	0.00	1.39	0.00	0	0	0	100	0.00	0.0	4.703	0.000	0	0	1	1	
PL.26640	PL.15443	A	1/0ACSR	15.04Y	125.3	0.00	0.66	13.93	7	197	70	94	0.02	0.0	4.347	0.038	0	0	0	42	
		B		14.95Y	124.6	0.00	1.39	12.71	6	178	66	94					0	0	0	48	
		C		15.06Y	125.5	0.01	0.51	17.38	9	248	83	95					0	0	0	63	
RG.13	PL.26640	A	1ph-100A-7	15.12Y	126.0	-0.66	0.00	13.93	14	197	70	94	percent Boost= 0.53 Tap= 0.8							42	
		B		15.12Y	126.0	-1.39	-0.00	12.71	13	178	66	94	percent Boost= 1.12 Tap= 1.8								
		C		15.12Y	126.0	-0.51	0.00	17.38	17	248	83	95	percent Boost= 0.40 Tap= 0.6								
PL.23650	RG.13	A	1/0ACSR	15.12Y	126.0	0.00	0.00	13.85	7	197	70	94	0.03	0.0	4.393	0.046	0	0	0	42	
		B		15.12Y	126.0	0.01	0.01	12.57	6	178	66	94					0	0	0	48	
		C		15.12Y	126.0	0.01	0.01	17.31	9	248	83	95					0	0	0	63	
PL.24548	PL.23650	A	1/0ACSR	15.12Y	126.0	0.00	0.01	13.85	7	197	70	94	0.03	0.0	4.438	0.045	0	0	0	42	
		B		15.12Y	126.0	0.01	0.01	12.57	6	178	66	94					0	0	0	48	
		C		15.12Y	126.0	0.01	0.02	17.31	9	248	83	95					0	0	0	63	
429902	PL.24548	B	Consumer	15.12Y	126.0	0.00	0.01	0.50	0	7	3	92	0.00	0.0	4.438	0.000	7	3	1	1	
429910	PL.24548	B	Consumer	15.12Y	126.0	0.00	0.01	0.02	0	0	0	100	0.00	0.0	4.438	0.000	0	0	1	1	
PL.6666	PL.24548	A	1/0ACSR	15.12Y	126.0	0.01	0.02	13.85	7	197	70	94	0.04	0.0	4.503	0.065	0	0	0	42	
		B		15.12Y	126.0	0.01	0.02	12.05	6	171	63	94					0	0	0	46	
		C		15.12Y	126.0	0.01	0.03	17.31	9	248	83	95					0	0	0	63	
PL.26638	PL.6666	A	1/0ACSR	15.12Y	126.0	0.01	0.03	13.85	7	197	70	94	0.07	0.0	4.630	0.127	0	0	0	42	
		B		15.12Y	126.0	0.01	0.03	12.05	6	171	63	94					0	0	0	46	
		C		15.11Y	126.0	0.02	0.05	16.96	8	243	81	95					0	0	0	62	
PL.2362	PL.26638	B	4ACSR	15.12Y	126.0	0.00	0.03	0.66	1	9	3	95	0.00	0.0	4.748	0.118	0	0	0	1	
429914	PL.2362	B	Consumer	15.12Y	126.0	0.00	0.03	0.66	0	9	3	95	0.00	0.0	4.748	0.000	9	3	1	1	
PL.2356	PL.26638	B	4ACSR	15.12Y	126.0	0.00	0.03	0.27	0	4	1	97	0.00	0.0	4.772	0.142	0	0	0	1	
429908	PL.2356	B	Consumer	15.12Y	126.0	0.00	0.03	0.27	0	4	1	97	0.00	0.0	4.772	0.000	4	1	1	1	
429903	PL.26638	B	Consumer	15.12Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	4.630	0.000	0	0	0	0	
429911	PL.26638	B	Consumer	15.12Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	4.630	0.000	0	0	1	1	

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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.26639, PL.26642, C PD.1318, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	mi	Length						KW	KVAR		
PL.38757	PD.6710	A	1/0ACSR	15.09Y	125.8	0.01	0.23	12.37	6	176	62	94	0.03	0.0	6.498	0.077	0	0	0	37		
		B		15.09Y	125.8	0.01	0.21	10.70	5	152	56	94					0	0	0	42		
		C		15.08Y	125.7	0.01	0.32	11.94	6	172	54	95					0	0	0	45		
PL.15439	PL.38757	A	1/0ACSR	15.09Y	125.8	0.01	0.24	12.18	6	173	61	94	0.03	0.0	6.582	0.084	0	0	0	36		
		B		15.09Y	125.8	0.01	0.22	10.70	5	152	56	94					0	0	0	42		
		C		15.08Y	125.7	0.01	0.33	11.94	6	172	54	95					0	0	0	45		
PL.16292	PL.15439	A	1/0ACSR	15.09Y	125.7	0.02	0.26	12.18	6	173	61	94	0.07	0.0	6.771	0.189	0	0	0	36		
		B		15.09Y	125.8	0.02	0.24	10.70	5	152	56	94					0	0	0	42		
		C		15.08Y	125.6	0.02	0.35	11.94	6	172	54	95					0	0	0	45		
PL.16293	PL.16292	A	1/0ACSR	15.09Y	125.7	0.01	0.27	12.18	6	173	61	94	0.04	0.0	6.889	0.118	0	0	0	36		
		B		15.09Y	125.8	0.01	0.25	10.70	5	152	56	94					0	0	0	42		
		C		15.08Y	125.6	0.01	0.37	11.94	6	172	54	95					0	0	0	45		
PL.5169	PL.16293	A	1/0ACSR	15.09Y	125.7	0.01	0.29	12.18	6	173	61	94	0.05	0.0	7.025	0.137	0	0	0	36		
		B		15.09Y	125.7	0.01	0.26	10.70	5	152	56	94					0	0	0	42		
		C		15.07Y	125.6	0.01	0.38	11.75	6	169	53	95					0	0	0	43		
PL.26340	PL.5169	A	1/0ACSR	15.08Y	125.7	0.01	0.29	12.18	6	173	61	94	0.02	0.0	7.084	0.058	0	0	0	36		
		B		15.09Y	125.7	0.01	0.27	10.70	5	152	56	94					0	0	0	42		
		C		15.07Y	125.6	0.01	0.39	11.75	6	169	53	95					0	0	0	43		
PL.26341	PL.26340	A	1/0ACSR	15.08Y	125.7	0.01	0.30	12.18	6	173	61	94	0.03	0.0	7.167	0.084	0	0	0	36		
		B		15.09Y	125.7	0.01	0.27	10.70	5	152	56	94					0	0	0	42		
		C		15.07Y	125.6	0.01	0.40	10.96	5	158	49	95					0	0	0	41		
379310	PL.26341	B	Consumer	15.09Y	125.7	0.00	0.27	0.00	0	0	0	100	0.00	0.0	7.167	0.000	0	0	1	1		
PL.43660	PL.26341	C	4ACSR	15.07Y	125.6	0.00	0.40	0.86	1	12	4	95	0.00	0.0	7.170	0.002	0	0	0	2		
PD.1132	PL.43660	C	fuse6AMP	15.07Y	125.6	0.00	0.40	0.86	15	12	4	95	0.00	0.0	7.170	0.000	0	0	0	2		
PL.43663	PD.1132	C	4ACSR	15.07Y	125.6	0.00	0.40	0.86	1	12	4	95	0.00	0.0	7.170	0.001	0	0	0	2		
PL.43664	PL.43663	C	4ACSR	15.07Y	125.6	0.00	0.40	0.38	0	5	2	93	0.00	0.0	7.225	0.054	0	0	0	1		
379314	PL.43664	C	Consumer	15.07Y	125.6	0.00	0.40	0.38	0	5	2	93	0.00	0.0	7.225	0.000	5	2	1	1		
PL.43662	PL.43663	C	4ACSR	15.07Y	125.6	0.00	0.40	0.48	0	7	2	96	0.00	0.0	7.236	0.066	0	0	0	1		
379318	PL.43662	C	Consumer	15.07Y	125.6	0.00	0.40	0.48	0	7	2	96	0.00	0.0	7.236	0.000	7	2	1	1		
PL.26339	PL.26341	A	1/0ACSR	15.08Y	125.7	0.03	0.33	12.18	6	173	61	94	0.08	0.0	7.422	0.255	0	0	0	36		
		B		15.08Y	125.7	0.02	0.30	10.70	5	152	56	94					0	0	0	41		
		C		15.07Y	125.6	0.02	0.42	10.10	5	145	45	96					0	0	0	39		
PL.2030	PL.26339	A	1/0ACSR	15.08Y	125.7	-0.00	0.33	0.00	0	0	0	100	0.00	0.0	7.491	0.069	0	0	0	0		
		B		15.08Y	125.7	0.00	0.30	0.00	0	0	0	100					0	0	0	0		
		C		15.07Y	125.6	0.00	0.42	3.03	2	45	8	98					0	0	0	11		
PL.19687	PL.2030	C	1/0EPRJCN	15.07Y	125.6	0.00	0.42	3.03	2	45	8	98	0.00	0.0	7.520	0.028	0	0	0	11		
3793032	PL.19687	C	Consumer	15.07Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	7.520	0.000	0	0	1	1		
PL.19688	PL.19687	C	1/0EPRJCN	15.07Y	125.6	0.00	0.42	3.03	2	45	9	98	0.00	0.0	7.568	0.048	0	0	0	10		
PL.27798	PL.19688	C	1/0EPRJCN	15.07Y	125.6	0.00	0.42	1.95	1	29	4	99	0.00	0.0	7.601	0.033	0	0	0	8		
PL.26336	PL.27798	C	1/0EPRJCN	15.07Y	125.6	0.00	0.42	1.96	1	29	4	99	0.00	0.0	7.626	0.026	0	0	0	8		
PL.19529	PL.26336	C	1/0EPRJCN	15.07Y	125.6	0.00	0.42	1.82	1	27	4	99	0.00	0.0	7.672	0.046	0	0	0	6		
PL.19528	PL.19529	C	1/0EPRJCN	15.07Y	125.6	0.00	0.43	1.39	1	21	3	99	0.00	0.0	7.720	0.048	0	0	0	5		
PL.27657	PL.19528	C	1/0EPRJCN	15.07Y	125.6	0.00	0.43	1.40	1	21	4	98	0.00	0.0	7.763	0.043	0	0	0	5		
PL.27656	PL.27657	C	1/0EPRJCN	15.07Y	125.6	0.00	0.43	1.41	1	21	4	98	0.00	0.0	7.816	0.053	0	0	0	5		
PL.2036	PL.27656	C	1/0EPRJCN	15.07Y	125.6	0.00	0.43	0.08	0	1	-1	-71	0.00	0.0	7.879	0.063	0	0	0	1		
379328	PL.2036	C	Consumer	15.07Y	125.6	0.00	0.43	0.05	0	1	0	100	0.00	0.0	7.879	0.000	1	0	1	1		
3793031	PL.27656	C	Consumer	15.07Y	125.6	0.00	0.43	0.35	0	5	2	93	0.00	0.0	7.816	0.000	5	2	1	1		

Unbalanced Voltage Drop Report
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.26342, PL.2029, 379329, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PD.7664-A	PL.42241	B	Closed	15.07Y	125.6	0.00	0.38	8.29	0	117	43	94	0.00	0.0	8.431	0.000	0	0	0	30
PD.7664-B	PD.7664-A	B	Closed	15.07Y	125.6	0.00	0.38	8.29	0	117	43	94	0.00	0.0	8.431	0.000	0	0	0	30
PL.42242	PD.7664-B	B	4ACSR	15.07Y	125.6	0.01	0.39	8.29	7	117	43	94	0.01	0.0	8.495	0.064	0	0	0	30
PL.26810	PL.42242	B	4ACSR	15.07Y	125.6	0.00	0.39	8.29	7	117	43	94	0.00	0.0	8.504	0.009	0	0	0	30
PL.43644	PL.26810	B	4ACSR	15.07Y	125.6	0.00	0.39	0.33	0	5	2	93	0.00	0.0	8.512	0.009	0	0	0	2
PD.8291	PL.43644	B	fuse6AMP	15.07Y	125.6	0.00	0.39	0.33	6	5	2	93	0.00	0.0	8.512	0.000	0	0	0	2
PL.43645	PD.8291	B	4ACSR	15.07Y	125.6	0.00	0.39	0.33	0	5	2	93	0.00	0.0	8.522	0.010	0	0	0	2
PL.22718	PL.43645	B	4ACSR	15.07Y	125.6	0.00	0.39	0.33	0	5	2	93	0.00	0.0	8.659	0.137	0	0	0	2
378306	PL.22718	B	Consumer	15.07Y	125.6	0.00	0.39	0.33	0	5	2	93	0.00	0.0	8.659	0.000	5	2	1	1
378308	PL.22718	B	Consumer	15.07Y	125.6	0.00	0.39	0.00	0	0	0	100	0.00	0.0	8.659	0.000	0	0	1	1
PL.16042	PL.26810	B	4ACSR	15.07Y	125.6	0.00	0.39	7.79	7	110	40	94	0.00	0.0	8.516	0.013	0	0	0	27
PD.3399	PL.16042	B	25E	15.07Y	125.6	0.00	0.39	7.79	31	110	40	94	0.00	0.0	8.516	0.000	0	0	0	27
PL.16043	PD.3399	B	4ACSR	15.07Y	125.6	0.01	0.40	7.79	7	110	40	94	0.01	0.0	8.568	0.052	0	0	0	27
PL.26811	PL.16043	B	4ACSR	15.07Y	125.6	0.02	0.42	7.79	7	110	40	94	0.01	0.0	8.660	0.092	0	0	0	27
PL.21181	PL.26811	B	4ACSR	15.07Y	125.6	0.00	0.42	0.80	1	11	4	94	0.00	0.0	8.676	0.015	0	0	0	4
PD.1171	PL.21181	B	fuse8AMP	15.07Y	125.6	0.00	0.42	0.80	11	11	4	94	0.00	0.0	8.676	0.000	0	0	0	4
PL.28545	PD.1171	B	4ACSR	15.07Y	125.6	0.00	0.42	0.80	1	11	4	94	0.00	0.0	8.692	0.016	0	0	0	4
378402	PL.28545	B	Consumer	15.07Y	125.6	0.00	0.42	0.03	0	0	0	100	0.00	0.0	8.692	0.000	0	0	1	1
378401	PL.28545	B	Consumer	15.07Y	125.6	0.00	0.42	0.46	0	7	2	96	0.00	0.0	8.692	0.000	7	2	1	1
378418	PL.28545	B	Consumer	15.07Y	125.6	0.00	0.42	0.10	0	1	1	71	0.00	0.0	8.692	0.000	1	1	1	1
PL.28546	PL.28545	B	4ACSR	15.07Y	125.6	0.00	0.42	0.22	0	3	1	95	0.00	0.0	8.725	0.033	0	0	0	1
PL.28282	PL.28546	B	4ACSR	15.07Y	125.6	0.00	0.42	0.22	0	3	1	95	0.00	0.0	8.957	0.233	0	0	0	1
377308	PL.28282	B	Consumer	15.07Y	125.6	0.00	0.42	0.22	0	3	1	95	0.00	0.0	8.957	0.000	3	1	1	1
378427	PL.26811	B	Consumer	15.07Y	125.6	0.00	0.42	0.07	0	1	0	100	0.00	0.0	8.660	0.000	1	0	1	1
PL.26812	PL.26811	B	4ACSR	15.07Y	125.6	0.00	0.42	6.92	6	98	36	94	0.00	0.0	8.660	0.000	0	0	0	22
PL.26813	PL.26812	B	4ACSR	15.07Y	125.6	0.03	0.45	6.92	6	98	36	94	0.02	0.0	8.853	0.193	0	0	0	22
PL.43638	PL.26813	B	4ACSR	15.07Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	8.859	0.005	0	0	0	1
PD.8289	PL.43638	B	fuse6AMP	15.07Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	8.859	0.000	0	0	0	1
PL.43639	PD.8289	B	4ACSR	15.07Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	8.909	0.051	0	0	0	1
377420	PL.43639	B	Consumer	15.07Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	8.909	0.000	0	0	1	1
PL.26814	PL.26813	B	4ACSR	15.06Y	125.5	0.01	0.46	6.92	6	98	36	94	0.01	0.0	8.921	0.068	0	0	0	21
PL.43636	PL.26814	B	4ACSR	15.06Y	125.5	0.00	0.46	0.39	0	6	2	95	0.00	0.0	8.926	0.005	0	0	0	1
PD.8288	PL.43636	B	fuse6AMP	15.06Y	125.5	0.00	0.46	0.39	7	6	2	95	0.00	0.0	8.926	0.000	0	0	0	1
PL.43637	PD.8288	B	4ACSR	15.06Y	125.5	0.00	0.46	0.39	0	6	2	95	0.00	0.0	9.114	0.188	0	0	0	1
377317	PL.43637	B	Consumer	15.06Y	125.5	0.00	0.46	0.39	0	6	2	95	0.00	0.0	9.114	0.000	6	2	1	1
377407	PL.26814	B	Consumer	15.06Y	125.5	0.00	0.46	0.38	0	5	2	93	0.00	0.0	8.921	0.000	5	2	1	1
PL.26815	PL.26814	B	4ACSR	15.06Y	125.5	0.01	0.47	6.14	5	87	32	94	0.00	0.0	8.968	0.047	0	0	0	19
PL.43631	PL.26815	B	4ACSR	15.06Y	125.5	0.00	0.47	1.01	1	14	5	94	0.00	0.0	8.973	0.005	0	0	0	3

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

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.8287	PL.43631	B	fuse6AMP	15.06Y	125.5	0.00	0.47	1.01	17	14	5	94	0.00	0.0	8.973	0.000	0	0	0	3
PL.43634	PD.8287	B	4ACSR	15.06Y	125.5	0.00	0.47	1.01	1	14	5	94	0.00	0.0	8.973	0.001	0	0	0	3
PL.43635	PL.43634	B	4ACSR	15.06Y	125.5	0.00	0.47	0.50	0	7	3	92	0.00	0.0	9.042	0.068	0	0	0	2
PL.22710	PL.43635	B	4ACSR	15.06Y	125.5	0.00	0.47	0.50	0	7	3	92	0.00	0.0	9.064	0.022	0	0	0	2
PL.28462	PL.22710	B	4ACSR	15.06Y	125.5	0.00	0.47	0.36	0	5	2	93	0.00	0.0	9.123	0.059	0	0	0	1
377429	PL.28462	B	Consumer	15.06Y	125.5	0.00	0.47	0.36	0	5	2	93	0.00	0.0	9.123	0.000	5	2	1	1
PL.28463	PL.28462	B	4ACSR	15.06Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	9.183	0.060	0	0	0	0
PL.23049	PL.22710	B	4ACSR	15.06Y	125.5	0.00	0.47	0.14	0	2	1	89	0.00	0.0	9.092	0.029	0	0	0	1
PL.21184	PL.23049	B	4ACSR	15.06Y	125.5	0.00	0.47	0.14	0	2	1	89	0.00	0.0	9.150	0.058	0	0	0	1
377410	PL.21184	B	Consumer	15.06Y	125.5	0.00	0.47	0.14	0	2	1	89	0.00	0.0	9.150	0.000	2	1	1	1
PL.43633	PL.43634	B	4ACSR	15.06Y	125.5	0.00	0.47	0.50	0	7	3	92	0.00	0.0	8.997	0.024	0	0	0	1
377432	PL.43633	B	Consumer	15.06Y	125.5	0.00	0.47	0.50	0	7	3	92	0.00	0.0	8.997	0.000	7	3	1	1
PL.26816	PL.26815	B	4ACSR	15.06Y	125.5	0.01	0.48	5.14	4	73	27	94	0.01	0.0	9.052	0.084	0	0	0	16
PL.42243	PL.26816	B	4ACSR	15.06Y	125.5	0.00	0.48	4.06	3	57	21	94	0.00	0.0	9.059	0.007	0	0	0	14
PD.7665-A	PL.42243	B	Closed	15.06Y	125.5	0.00	0.48	4.06	0	57	21	94	0.00	0.0	9.059	0.000	0	0	0	14
PD.7665-B	PD.7665-A	B	Closed	15.06Y	125.5	0.00	0.48	4.06	0	57	21	94	0.00	0.0	9.059	0.000	0	0	0	14
PL.42244	PD.7665-B	B	4ACSR	15.06Y	125.5	0.01	0.49	4.06	3	57	21	94	0.00	0.0	9.180	0.121	0	0	0	14
PL.26821	PL.42244	B	4ACSR	15.06Y	125.5	0.00	0.49	1.97	2	28	10	94	0.00	0.0	9.189	0.009	0	0	0	10
PL.5175	PL.26821	B	4ACSR	15.06Y	125.5	0.01	0.49	1.97	2	28	10	94	0.00	0.0	9.318	0.129	0	0	0	10
PL.27658	PL.5175	B	4ACSR	15.06Y	125.5	0.00	0.50	1.46	1	21	8	93	0.00	0.0	9.373	0.055	0	0	0	6
PL.27659	PL.27658	B	4ACSR	15.06Y	125.5	0.00	0.50	1.46	1	21	8	93	0.00	0.0	9.432	0.059	0	0	0	6
PL.1798	PL.27659	B	4ACSR	15.06Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	9.471	0.039	0	0	0	0
PL.26822	PL.27659	B	4ACSR	15.06Y	125.5	0.01	0.50	1.46	1	21	8	93	0.00	0.0	9.585	0.153	0	0	0	6
PL.26823	PL.26822	B	4ACSR	15.06Y	125.5	0.00	0.50	0.64	1	9	3	95	0.00	0.0	9.633	0.048	0	0	0	3
PL.26824	PL.26823	B	4ACSR	15.06Y	125.5	0.00	0.50	0.31	0	4	2	89	0.00	0.0	9.702	0.069	0	0	0	2
PL.92	PL.26824	B	4ACSR	15.06Y	125.5	0.00	0.50	0.31	0	4	2	89	0.00	0.0	9.725	0.022	0	0	0	2
PL.26825	PL.92	B	4ACSR	15.06Y	125.5	0.00	0.50	0.31	0	4	2	89	0.00	0.0	9.784	0.059	0	0	0	2
PL.28569	PL.26825	B	4ACSR	15.06Y	125.5	0.00	0.50	0.31	0	4	2	89	0.00	0.0	9.795	0.012	0	0	0	2
PL.21498	PL.28569	B	4ACSR	15.06Y	125.5	0.00	0.50	0.31	0	4	2	89	0.00	0.0	9.798	0.002	0	0	0	2
PD.1128	PL.21498	B	fuse6AMP	15.06Y	125.5	0.00	0.50	0.31	5	4	2	89	0.00	0.0	9.798	0.000	0	0	0	2
PL.22421	PD.1128	B	4ACSR	15.06Y	125.5	0.00	0.50	0.31	0	4	2	89	0.00	0.0	9.823	0.026	0	0	0	1
376403	PL.22421	B	Consumer	15.06Y	125.5	0.00	0.50	0.31	0	4	2	89	0.00	0.0	9.823	0.000	4	2	1	1
PL.21499	PD.1128	B	4ACSR	15.06Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	9.955	0.157	0	0	0	1
376402	PL.21499	B	Consumer	15.06Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	9.955	0.000	0	0	1	1
PL.1797	PL.26823	B	4ACSR	15.06Y	125.5	0.00	0.50	0.33	0	5	2	93	0.00	0.0	9.644	0.010	0	0	0	1
PL.2028	PL.1797	B	4ACSR	15.06Y	125.5	0.00	0.50	0.33	0	5	2	93	0.00	0.0	9.695	0.051	0	0	0	1
377315	PL.2028	B	Consumer	15.06Y	125.5	0.00	0.50	0.33	0	5	2	93	0.00	0.0	9.695	0.000	5	2	1	1
PL.1796	PL.26822	B	4ACSR	15.06Y	125.5	0.00	0.50	0.79	1	11	4	94	0.00	0.0	9.603	0.018	0	0	0	2

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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.2034, 377313, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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						Cons KW	Cons KVAR	On	Thru
PL.19278	PL.19277	A	1/0ACSR	15.06Y	125.5	0.01	0.48	10.92	5	155	55	94	0.01	0.0	8.687	0.091	0	0	0	31		
		B		15.08Y	125.6	-0.00	0.37	0.49	0	7	3	94					0	0	0	3		
		C		15.06Y	125.5	0.01	0.50	7.03	3	99	36	94					0	0	0	27		
PL.16039	PL.19278	B	4ACSR	15.08Y	125.6	0.00	0.37	0.45	0	6	2	95	0.00	0.0	8.699	0.013	0	0	0	1		
PD.1173	PL.16039	B	fuse6AMP	15.08Y	125.6	0.00	0.37	0.45	8	6	2	95	0.00	0.0	8.699	0.000	0	0	0	1		
PL.16040	PD.1173	B	4ACSR	15.08Y	125.6	0.00	0.37	0.45	0	6	2	95	0.00	0.0	8.741	0.041	0	0	0	1		
378424	PL.16040	B	Consumer	15.08Y	125.6	0.00	0.37	0.45	0	6	2	95	0.00	0.0	8.741	0.000	6	2	1	1		
PL.14419	PL.19278	A	1/0ACSR	15.06Y	125.5	0.01	0.49	10.92	5	155	55	94	0.01	0.0	8.758	0.071	0	0	0	31		
		B		15.08Y	125.6	-0.00	0.36	0.04	0	1	0	94					0	0	0	2		
		C		15.06Y	125.5	0.01	0.51	7.03	3	99	36	94					0	0	0	27		
PL.14417	PL.14419	A	1/0ACSR	15.06Y	125.5	0.00	0.49	10.92	5	155	55	94	0.00	0.0	8.758	0.001	0	0	0	31		
		B		15.08Y	125.6	-0.00	0.36	0.04	0	1	0	94					0	0	0	2		
		C		15.06Y	125.5	0.00	0.51	7.03	3	99	36	94					0	0	0	27		
PL.22715	PL.14417	A	4ACSR	15.06Y	125.5	0.00	0.49	3.10	3	44	16	94	0.00	0.0	8.773	0.014	0	0	0	5		
PD.3088	PL.22715	A	fuse6AMP	15.06Y	125.5	0.00	0.49	3.10	53	44	16	94	0.00	0.0	8.773	0.000	0	0	0	5		
PL.22716	PD.3088	A	4ACSR	15.06Y	125.5	0.01	0.50	3.10	3	44	16	94	0.00	0.0	8.964	0.191	0	0	0	5		
378425	PL.22716	A	Consumer	15.06Y	125.5	0.00	0.50	1.66	0	23	9	93	0.00	0.0	8.964	0.000	23	9	1	1		
PL.14420	PL.22716	A	4ACSR	15.06Y	125.5	0.00	0.51	1.44	1	20	7	94	0.00	0.0	8.999	0.035	0	0	0	4		
PL.14421	PL.14420	A	4ACSR	15.06Y	125.5	0.00	0.51	1.05	1	15	5	95	0.00	0.0	9.046	0.047	0	0	0	2		
PL.2043	PL.14421	A	4ACSR	15.06Y	125.5	0.00	0.51	1.05	1	15	5	95	0.00	0.0	9.109	0.063	0	0	0	1		
378422	PL.2043	A	Consumer	15.06Y	125.5	0.00	0.51	1.05	0	15	5	95	0.00	0.0	9.109	0.000	15	5	1	1		
378421	PL.14421	A	Consumer	15.06Y	125.5	0.00	0.51	0.00	0	0	0	100	0.00	0.0	9.046	0.000	0	0	1	1		
PL.2042	PL.14420	A	4ACSR	15.06Y	125.5	0.00	0.51	0.39	0	6	2	95	0.00	0.0	9.043	0.044	0	0	0	2		
378405	PL.2042	A	Consumer	15.06Y	125.5	0.00	0.51	0.39	0	6	2	95	0.00	0.0	9.043	0.000	6	2	1	1		
378423	PL.2042	A	Consumer	15.06Y	125.5	0.00	0.51	0.00	0	0	0	100	0.00	0.0	9.043	0.000	0	0	1	1		
PL.14418	PL.14417	A	1/0ACSR	15.06Y	125.5	0.02	0.51	7.82	4	111	39	94	0.03	0.0	9.005	0.247	0	0	0	26		
		B		15.08Y	125.6	-0.01	0.36	0.04	0	1	0	94					0	0	0	2		
		C		15.06Y	125.5	0.02	0.54	7.03	3	99	36	94					0	0	0	27		
PL.27921	PL.14418	A	1/0ACSR	15.06Y	125.5	0.01	0.51	7.82	4	111	39	94	0.01	0.0	9.136	0.131	0	0	0	26		
		B		15.08Y	125.6	-0.00	0.35	0.04	0	1	0	94					0	0	0	2		
		C		15.05Y	125.5	0.01	0.55	7.03	3	99	36	94					0	0	0	27		
RG.9	PL.27921	A	1ph-100A-7	15.12Y	126.0	-0.51	0.00	7.82	8	111	39	94	percent Boost= 0.41 Tap= 0.7								26	
		B		15.12Y	126.0	-0.35	0.00	0.04	0	1	0	94	percent Boost= 0.28 Tap= 0.5									
		C		15.12Y	126.0	-0.55	-0.00	7.03	7	99	36	94	percent Boost= 0.44 Tap= 0.7									
PL.27922	RG.9	A	1/0ACSR	15.12Y	126.0	0.03	0.03	7.79	4	111	39	94	0.05	0.0	9.648	0.512	0	0	0	26		
		B		15.12Y	126.0	-0.01	-0.01	0.04	0	1	0	94					0	0	0	2		
		C		15.11Y	125.9	0.05	0.05	7.00	3	99	36	94					0	0	0	27		
PL.21461	PL.27922	C	4ACSR	15.11Y	125.9	0.00	0.05	1.67	1	24	9	94	0.00	0.0	9.665	0.017	0	0	0	8		
PD.831	PL.21461	C	fuse6AMP	15.11Y	125.9	0.00	0.05	1.67	29	24	9	94	0.00	0.0	9.665	0.000	0	0	0	8		
PL.21462	PD.831	C	4ACSR	15.11Y	125.9	0.00	0.05	1.67	1	24	9	94	0.00	0.0	9.706	0.041	0	0	0	8		
PL.21190	PL.21462	C	4ACSR	15.11Y	125.9	0.00	0.05	0.38	0	5	2	93	0.00	0.0	9.729	0.023	0	0	0	3		
379405	PL.21190	C	Consumer	15.11Y	125.9	0.00	0.05	0.11	0	2	1	89	0.00	0.0	9.729	0.000	2	1	1	1		
379402	PL.21190	C	Consumer	15.11Y	125.9	0.00	0.05	0.27	0	4	1	97	0.00	0.0	9.729	0.000	4	1	1	1		
379407	PL.21190	C	Consumer	15.11Y	125.9	0.00	0.05	0.00	0	0	0	100	0.00	0.0	9.729	0.000	0	0	1	1		
PL.22431	PL.21462	C	4ACSR	15.11Y	125.9	0.00	0.06	1.29	1	18	7	93	0.00	0.0	9.809	0.103	0	0	0	5		

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
379408	PL.22431	C	Consumer	15.11Y	125.9	0.00	0.06	0.33	0	5	2	93	0.00	0.0	9.809	0.000	5	2	1	1
379403	PL.22431	C	Consumer	15.11Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	9.809	0.000	0	0	1	1
379401	PL.22431	C	Consumer	15.11Y	125.9	0.00	0.06	0.31	0	4	2	89	0.00	0.0	9.809	0.000	4	2	1	1
PL.22432	PL.22431	C	4ACSR	15.11Y	125.9	0.00	0.06	0.66	1	9	3	95	0.00	0.0	9.914	0.105	0	0	0	2
PL.22433	PL.22432	C	4ACSR	15.11Y	125.9	0.00	0.06	0.66	1	9	3	95	0.00	0.0	10.120	0.206	0	0	0	1
379406	PL.22433	C	Consumer	15.11Y	125.9	0.00	0.06	0.66	0	9	3	95	0.00	0.0	10.120	0.000	9	3	1	1
379404	PL.22432	C	Consumer	15.11Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	9.914	0.000	0	0	1	1
PL.18878	PL.27922	A	4ACSR	15.12Y	126.0	0.00	0.03	7.02	6	100	34	95	0.00	0.0	9.655	0.007	0	0	0	23
PD.3398	PL.18878	A	25E	15.12Y	126.0	0.00	0.03	7.02	28	100	34	95	0.00	0.0	9.655	0.000	0	0	0	23
PL.18879	PD.3398	A	4ACSR	15.11Y	125.9	0.02	0.05	7.02	6	100	34	95	0.01	0.0	9.764	0.109	0	0	0	23
PL.26805	PL.18879	A	4ACSR	15.11Y	125.9	0.02	0.07	5.93	5	85	29	95	0.01	0.0	9.895	0.131	0	0	0	20
PL.43646	PL.26805	A	4ACSR	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	9.902	0.007	0	0	0	1
PD.8294	PL.43646	A	fuse6AMP	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	9.902	0.000	0	0	0	1
PL.43647	PD.8294	A	4ACSR	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	9.984	0.082	0	0	0	1
378515	PL.43647	A	Consumer	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	9.984	0.000	0	0	1	1
PL.27490	PL.43647	A	4ACSR	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	10.082	0.097	0	0	0	0
378409	PL.27490	A	Consumer	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	10.082	0.000	0	0	0	0
PL.26806	PL.26805	A	4ACSR	15.11Y	125.9	0.02	0.08	5.93	5	85	29	95	0.01	0.0	10.015	0.119	0	0	0	19
PL.26807	PL.26806	A	4ACSR	15.11Y	125.9	0.01	0.09	3.40	3	48	18	94	0.00	0.0	10.136	0.122	0	0	0	11
PL.41000	PL.26807	A	4ACSR	15.11Y	125.9	0.00	0.10	3.40	3	48	18	94	0.00	0.0	10.172	0.035	0	0	0	11
PL.41001	PL.41000	A	4ACSR	15.11Y	125.9	0.00	0.10	2.46	2	35	13	94	0.00	0.0	10.224	0.052	0	0	0	9
378517	PL.41001	A	Consumer	15.11Y	125.9	0.00	0.10	0.52	0	7	3	92	0.00	0.0	10.224	0.000	7	3	1	1
PL.43654	PL.41001	A	4ACSR	15.11Y	125.9	0.02	0.12	1.94	2	28	10	94	0.00	0.0	10.671	0.448	0	0	0	8
PD.8299-A	PL.43654	A	Closed	15.11Y	125.9	0.00	0.12	1.94	0	28	10	94	0.00	0.0	10.671	0.000	0	0	0	8
PD.8299-B	PD.8299-A	A	Closed	15.11Y	125.9	0.00	0.12	1.94	0	28	10	94	0.00	0.0	10.671	0.000	0	0	0	8
PL.43655	PD.8299-B	A	4ACSR	15.11Y	125.9	0.00	0.12	1.94	2	28	10	94	0.00	0.0	10.684	0.013	0	0	0	8
PL.43652	PL.43655	A	4ACSR	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	10.692	0.008	0	0	0	1
PD.8298	PL.43652	A	fuse6AMP	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	10.692	0.000	0	0	0	1
PL.43653	PD.8298	A	4ACSR	15.11Y	125.9	-0.00	0.12	0.00	0	0	0	100	0.00	0.0	10.758	0.066	0	0	0	1
378519	PL.43653	A	Consumer	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	10.758	0.000	0	0	1	1
378522	PL.43653	A	Consumer	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	10.758	0.000	0	0	0	0
378506	PL.43655	A	Consumer	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	10.684	0.000	0	0	0	0
PL.26808	PL.43655	A	4ACSR	15.11Y	125.9	0.00	0.12	1.94	2	27	10	94	0.00	0.0	10.684	0.000	0	0	0	7
PL.26809	PL.26808	A	4ACSR	15.10Y	125.9	0.01	0.13	1.94	2	27	10	94	0.00	0.0	10.989	0.305	0	0	0	7
PL.43640	PL.26809	A	4ACSR	15.10Y	125.9	0.00	0.13	1.09	1	16	6	94	0.00	0.0	10.996	0.007	0	0	0	3
PD.1172	PL.43640	A	fuse6AMP	15.10Y	125.9	0.00	0.13	1.09	19	16	6	94	0.00	0.0	10.996	0.000	0	0	0	3
PL.43641	PD.1172	A	4ACSR	15.10Y	125.9	0.00	0.14	1.09	1	16	6	94	0.00	0.0	11.174	0.179	0	0	0	3
PL.18982	PL.43641	A	4ACSR	15.10Y	125.9	0.00	0.14	1.09	1	16	6	94	0.00	0.0	11.221	0.047	0	0	0	3

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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: SIDEVIEW

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 378503, PL.43648, PD.8295, etc.

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.23042	PL.23046	A	1/0ACSR	15.12Y	126.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	10.789	0.226	0	0	0	0
		B		15.12Y	126.0	0.00	-0.01	0.04	0	1	0	94					0	0	0	1
		C		15.11Y	125.9	-0.00	0.10	0.00	0	0	0	100					0	0	0	0
PL.41751	PL.23042	A	1/0ACSR	15.12Y	126.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	10.795	0.006	0	0	0	0
		B		15.12Y	126.0	0.00	-0.01	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.10	0.00	0	0	0	100					0	0	0	0
PL.5173	PL.41751	A	1/0ACSR	15.12Y	126.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	10.884	0.090	0	0	0	0
		B		15.12Y	126.0	0.00	-0.01	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.10	0.00	0	0	0	100					0	0	0	0
PL.41752	PL.5173	A	1/0ACSR	15.12Y	126.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	10.900	0.015	0	0	0	0
		B		15.12Y	126.0	0.00	-0.01	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.10	0.00	0	0	0	100					0	0	0	0
PL.41753	PL.41752	A	1/0ACSR	15.12Y	126.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	10.934	0.034	0	0	0	0
		B		15.12Y	126.0	0.00	-0.01	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.10	0.00	0	0	0	100					0	0	0	0
PD.7631-B	PL.41753	A	Open	15.12Y	126.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	10.934	0.000	0	0	0	0
		B		15.12Y	126.0	0.00	-0.01	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.10	0.00	0	0	0	100					0	0	0	0
379618	PL.23042	B	Consumer	15.12Y	126.0	0.00	-0.01	0.00	0	0	0	100	0.00	0.0	10.789	0.000	0	0	0	0
379511	PL.23042	B	Consumer	15.12Y	126.0	0.00	-0.01	0.04	0	1	0	100	0.00	0.0	10.789	0.000	1	0	1	1
379514	PL.23042	B	Consumer	15.12Y	126.0	0.00	-0.01	0.00	0	0	0	100	0.00	0.0	10.789	0.000	0	0	0	0
PL.21311	PL.23046	C	4ACSR	15.11Y	125.9	0.00	0.10	2.87	2	41	15	94	0.00	0.0	10.584	0.021	0	0	0	10
PD.3087	PL.21311	C	fuse6AMP	15.11Y	125.9	0.00	0.10	2.87	49	41	15	94	0.00	0.0	10.584	0.000	0	0	0	10
PL.21312	PD.3087	C	4ACSR	15.11Y	125.9	0.01	0.10	2.87	2	41	15	94	0.00	0.0	10.666	0.082	0	0	0	10
PL.23043	PL.21312	C	4ACSR	15.11Y	125.9	0.00	0.10	1.40	1	20	7	94	0.00	0.0	10.673	0.006	0	0	0	5
PL.22428	PL.23043	C	4ACSR	15.11Y	125.9	0.00	0.11	1.40	1	20	7	94	0.00	0.0	10.774	0.101	0	0	0	5
PL.22425	PL.22428	C	4ACSR	15.11Y	125.9	0.00	0.11	0.49	0	7	3	92	0.00	0.0	10.903	0.129	0	0	0	1
379512	PL.22425	C	Consumer	15.11Y	125.9	0.00	0.11	0.49	0	7	3	92	0.00	0.0	10.903	0.000	7	3	1	1
PL.23044	PL.22428	C	4ACSR	15.11Y	125.9	0.00	0.11	0.53	0	8	3	94	0.00	0.0	10.803	0.029	0	0	0	3
PL.23045	PL.23044	C	4ACSR	15.11Y	125.9	0.00	0.11	0.31	0	4	2	89	0.00	0.0	10.850	0.048	0	0	0	2
379518	PL.23045	C	Consumer	15.11Y	125.9	0.00	0.11	0.18	0	2	1	89	0.00	0.0	10.850	0.000	2	1	1	1
379506	PL.23045	C	Consumer	15.11Y	125.9	0.00	0.11	0.13	0	2	1	89	0.00	0.0	10.850	0.000	2	1	1	1
PL.21189	PL.23044	C	4ACSR	15.11Y	125.9	0.00	0.11	0.22	0	3	1	95	0.00	0.0	10.861	0.058	0	0	0	1
379519	PL.21189	C	Consumer	15.11Y	125.9	0.00	0.11	0.22	0	3	1	95	0.00	0.0	10.861	0.000	3	1	1	1
PL.22426	PL.22428	C	4ACSR	15.11Y	125.9	0.00	0.11	0.38	0	5	2	93	0.00	0.0	10.835	0.061	0	0	0	1
PL.22427	PL.22426	C	4ACSR	15.11Y	125.9	0.00	0.11	0.38	0	5	2	93	0.00	0.0	10.943	0.108	0	0	0	1
379516	PL.22427	C	Consumer	15.11Y	125.9	0.00	0.11	0.38	0	5	2	93	0.00	0.0	10.943	0.000	5	2	1	1
379510	PL.21312	C	Consumer	15.11Y	125.9	0.00	0.10	0.02	0	0	0	100	0.00	0.0	10.666	0.000	0	0	1	1
379515	PL.21312	C	Consumer	15.11Y	125.9	0.00	0.10	0.39	0	6	2	95	0.00	0.0	10.666	0.000	6	2	1	1
PL.22429	PL.21312	C	4ACSR	15.11Y	125.9	0.00	0.11	1.06	1	15	5	95	0.00	0.0	10.741	0.075	0	0	0	3
PL.22430	PL.22429	C	4ACSR	15.11Y	125.9	0.00	0.11	1.06	1	15	5	95	0.00	0.0	10.837	0.095	0	0	0	3
379513	PL.22430	C	Consumer	15.11Y	125.9	0.00	0.11	0.43	0	6	2	95	0.00	0.0	10.837	0.000	6	2	1	1
379508	PL.22430	C	Consumer	15.11Y	125.9	0.00	0.11	0.35	0	5	2	93	0.00	0.0	10.837	0.000	5	2	1	1
379507	PL.22430	C	Consumer	15.11Y	125.9	0.00	0.11	0.28	0	4	1	97	0.00	0.0	10.837	0.000	4	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	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.45612	PL.22429	C	2ACSR	15.11Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	10.802	0.061	0	0	0	0
3795035	PL.45612	C	Consumer	15.11Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	10.802	0.000	0	0	0	0
PL.1799	PL.14875	A	4ACSR	15.12Y	126.0	0.00	0.02	0.39	0	6	2	95	0.00	0.0	10.301	0.039	0	0	0	1
379531	PL.1799	A	Consumer	15.12Y	126.0	0.00	0.02	0.39	0	6	2	95	0.00	0.0	10.301	0.000	6	2	1	1
PL.17200	PL.14874	C	4ACSR	15.11Y	125.9	0.00	0.08	2.46	2	35	13	94	0.00	0.0	10.159	0.024	0	0	0	9
PD.1175	PL.17200	C	fuse6AMP	15.11Y	125.9	0.00	0.08	2.46	42	35	13	94	0.00	0.0	10.159	0.000	0	0	0	9
PL.17201	PD.1175	C	4ACSR	15.11Y	125.9	0.00	0.09	2.46	2	35	13	94	0.00	0.0	10.236	0.078	0	0	0	9
379522	PL.17201	C	Consumer	15.11Y	125.9	0.00	0.09	0.00	0	0	0	100	0.00	0.0	10.236	0.000	0	0	1	1
PL.23992	PL.17201	C	4ACSR	15.11Y	125.9	0.00	0.09	2.46	2	35	13	94	0.00	0.0	10.275	0.038	0	0	0	8
PL.23993	PL.23992	C	4ACSR	15.11Y	125.9	0.00	0.09	1.79	2	25	9	94	0.00	0.0	10.320	0.045	0	0	0	6
PL.23994	PL.23993	C	4ACSR	15.11Y	125.9	0.00	0.09	1.08	1	15	6	93	0.00	0.0	10.365	0.045	0	0	0	4
PL.19478	PL.23994	C	4ACSR	15.11Y	125.9	0.00	0.09	1.05	1	15	5	95	0.00	0.0	10.404	0.039	0	0	0	3
379524	PL.19478	C	Consumer	15.11Y	125.9	0.00	0.09	0.38	0	5	2	93	0.00	0.0	10.404	0.000	5	2	1	1
379525	PL.19478	C	Consumer	15.11Y	125.9	0.00	0.09	0.32	0	4	2	89	0.00	0.0	10.404	0.000	4	2	1	1
PL.19479	PL.19478	C	4ACSR	15.11Y	125.9	0.00	0.09	0.35	0	5	2	93	0.00	0.0	10.436	0.032	0	0	0	1
379523	PL.19479	C	Consumer	15.11Y	125.9	0.00	0.09	0.35	0	5	2	93	0.00	0.0	10.436	0.000	5	2	1	1
379526	PL.23994	C	Consumer	15.11Y	125.9	0.00	0.09	0.03	0	0	0	100	0.00	0.0	10.365	0.000	0	0	1	1
379528	PL.23993	C	Consumer	15.11Y	125.9	0.00	0.09	0.45	0	6	2	95	0.00	0.0	10.320	0.000	6	2	1	1
379527	PL.23993	C	Consumer	15.11Y	125.9	0.00	0.09	0.25	0	4	1	97	0.00	0.0	10.320	0.000	4	1	1	1
379529	PL.23992	C	Consumer	15.11Y	125.9	0.00	0.09	0.40	0	6	2	95	0.00	0.0	10.275	0.000	6	2	1	1
379530	PL.23992	C	Consumer	15.11Y	125.9	0.00	0.09	0.27	0	4	1	97	0.00	0.0	10.275	0.000	4	1	1	1
379501	PL.14874	B	Consumer	15.12Y	126.0	0.00	-0.01	0.00	0	0	0	100	0.00	0.0	10.134	0.000	0	0	0	0
PL.18591	PL.43668	B	4ACSR	15.12Y	126.0	0.00	-0.01	0.00	0	0	0	100	0.00	0.0	9.855	0.006	0	0	0	1
PD.1174	PL.18591	B	fuse6AMP	15.12Y	126.0	0.00	-0.01	0.00	0	0	0	100	0.00	0.0	9.855	0.000	0	0	0	1
PL.18592	PD.1174	B	4ACSR	15.12Y	126.0	0.00	-0.01	0.00	0	0	0	100	0.00	0.0	9.915	0.060	0	0	0	1
379521	PL.18592	B	Consumer	15.12Y	126.0	0.00	-0.01	0.00	0	0	0	100	0.00	0.0	9.915	0.000	0	0	1	1
378412	PL.14418	B	Consumer	15.08Y	125.6	0.00	0.36	0.00	0	0	0	100	0.00	0.0	9.005	0.000	0	0	0	0
378403	PL.19277	B	Consumer	15.08Y	125.6	0.00	0.37	0.48	0	7	2	96	0.00	0.0	8.596	0.000	7	2	1	1
378404	PL.19719	B	Consumer	15.08Y	125.6	0.00	0.36	0.19	0	3	1	95	0.00	0.0	8.179	0.000	3	1	1	1
378417	PL.19719	A	Consumer	15.07Y	125.6	0.00	0.43	0.10	0	1	1	71	0.00	0.0	8.179	0.000	1	1	1	1
378420	PL.19719	B	Consumer	15.08Y	125.6	0.00	0.36	0.40	0	6	2	95	0.00	0.0	8.179	0.000	6	2	1	1
PL.2026	PL.14423	A	4ACSR	15.07Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	8.100	0.028	0	0	0	0
PL.2039	PL.2026	A	4ACSR	15.07Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	8.102	0.002	0	0	0	0
PL.16044	PL.2026	A	4ACSR	15.07Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	8.113	0.013	0	0	0	0
PD.830	PL.16044	A	fuse6AMP	15.07Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	8.113	0.000	0	0	0	0
PL.16045	PD.830	A	4ACSR	15.07Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	8.216	0.103	0	0	0	0
PL.2044	PL.16045	A	4ACSR	15.07Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	8.282	0.066	0	0	0	0
378426	PL.2044	A	Consumer	15.07Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	8.282	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
378312	PL.14423	A	Consumer	15.07Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	8.073	0.000	0	0	1	1
PL.16046	PL.14422	A	4ACSR	15.07Y	125.6	0.00	0.41	0.73	1	10	4	93	0.00	0.0	8.021	0.015	0	0	0	2
PD.1129	PL.16046	A	fuse6AMP	15.07Y	125.6	0.00	0.41	0.73	12	10	4	93	0.00	0.0	8.021	0.000	0	0	0	2
PL.15977	PD.1129	A	4ACSR	15.07Y	125.6	0.00	0.41	0.73	1	10	4	93	0.00	0.0	8.110	0.089	0	0	0	2
PL.2038	PL.15977	A	4ACSR	15.07Y	125.6	0.00	0.41	0.03	0	0	0	100	0.00	0.0	8.144	0.034	0	0	0	1
378313	PL.2038	A	Consumer	15.07Y	125.6	0.00	0.41	0.03	0	0	0	100	0.00	0.0	8.144	0.000	0	0	1	1
378411	PL.15977	A	Consumer	15.07Y	125.6	0.00	0.41	0.70	0	10	4	93	0.00	0.0	8.110	0.000	10	4	1	1
379327	PL.20656	A	Consumer	15.08Y	125.7	0.00	0.35	0.43	0	6	2	95	0.00	0.0	7.512	0.000	6	2	1	1
PL.16290	PL.26339	B	4ACSR	15.08Y	125.7	0.00	0.30	0.84	1	12	4	95	0.00	0.0	7.434	0.012	0	0	0	5
PD.1131	PL.16290	B	fuse6AMP	15.08Y	125.7	0.00	0.30	0.84	14	12	4	95	0.00	0.0	7.434	0.000	0	0	0	5
PL.16291	PD.1131	B	4ACSR	15.08Y	125.7	0.00	0.30	0.84	1	12	4	95	0.00	0.0	7.498	0.065	0	0	0	5
PL.26337	PL.16291	B	4ACSR	15.08Y	125.7	0.00	0.30	0.84	1	12	4	95	0.00	0.0	7.500	0.002	0	0	0	5
PL.2025	PL.26337	B	4ACSR	15.08Y	125.7	0.00	0.30	0.30	0	4	2	89	0.00	0.0	7.574	0.074	0	0	0	2
379306	PL.2025	B	Consumer	15.08Y	125.7	0.00	0.30	0.28	0	4	1	97	0.00	0.0	7.574	0.000	4	1	1	1
379303	PL.2025	B	Consumer	15.08Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	7.574	0.000	0	0	0	0
379308	PL.2025	B	Consumer	15.08Y	125.7	0.00	0.30	0.02	0	0	0	100	0.00	0.0	7.574	0.000	0	0	1	1
379304	PL.26337	B	Consumer	15.08Y	125.7	0.00	0.30	0.34	0	5	2	93	0.00	0.0	7.500	0.000	5	2	1	1
PL.26338	PL.26337	B	4ACSR	15.08Y	125.7	0.00	0.30	0.20	0	3	1	95	0.00	0.0	7.670	0.170	0	0	0	2
PL.5170	PL.26338	B	4ACSR	15.08Y	125.7	0.00	0.30	0.20	0	3	1	95	0.00	0.0	7.706	0.035	0	0	0	1
PL.5171	PL.5170	B	4ACSR	15.08Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	7.764	0.059	0	0	0	0
379319	PL.5170	B	Consumer	15.08Y	125.7	0.00	0.30	0.20	0	3	1	95	0.00	0.0	7.706	0.000	3	1	1	1
379309	PL.26338	B	Consumer	15.08Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	7.670	0.000	0	0	1	1
PL.16289	PL.26340	C	4ACSR	15.07Y	125.6	0.00	0.39	0.80	1	11	4	94	0.00	0.0	7.095	0.012	0	0	0	2
PD.1134	PL.16289	C	fuse6AMP	15.07Y	125.6	0.00	0.39	0.80	14	11	4	94	0.00	0.0	7.095	0.000	0	0	0	2
PL.16288	PD.1134	C	4ACSR	15.07Y	125.6	0.00	0.39	0.80	1	11	4	94	0.00	0.0	7.170	0.074	0	0	0	2
379312	PL.16288	C	Consumer	15.07Y	125.6	0.00	0.39	0.00	0	0	0	100	0.00	0.0	7.170	0.000	0	0	1	1
379326	PL.16288	C	Consumer	15.07Y	125.6	0.00	0.39	0.80	0	11	4	94	0.00	0.0	7.170	0.000	11	4	1	1
PL.5090	PL.16288	C	4ACSR	15.07Y	125.6	0.00	0.39	0.00	0	0	0	100	0.00	0.0	7.258	0.088	0	0	0	0
378301	PL.16293	C	Consumer	15.08Y	125.6	0.00	0.37	0.15	0	2	1	89	0.00	0.0	6.889	0.000	2	1	1	1
378310	PL.16293	C	Consumer	15.08Y	125.6	0.00	0.37	0.04	0	1	0	100	0.00	0.0	6.889	0.000	1	0	1	1
PL.38755	PL.15439	A	4ACSR	15.09Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	6.589	0.007	0	0	0	0
PD.6708-B	PL.38755	A	Open	15.09Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	6.589	0.000	0	0	0	0
PL.15440	PL.38757	A	4ACSR	15.09Y	125.8	0.00	0.23	0.19	0	3	1	95	0.00	0.0	6.510	0.013	0	0	0	1
PD.1130	PL.15440	A	fuse6AMP	15.09Y	125.8	0.00	0.23	0.19	3	3	1	95	0.00	0.0	6.510	0.000	0	0	0	1
PL.15441	PD.1130	A	4ACSR	15.09Y	125.8	0.00	0.23	0.19	0	3	1	95	0.00	0.0	6.578	0.068	0	0	0	1
378209	PL.15441	A	Consumer	15.09Y	125.8	0.00	0.23	0.19	0	3	1	95	0.00	0.0	6.578	0.000	3	1	1	1
PL.16294	PL.26637	A	4ACSR	15.09Y	125.8	0.00	0.21	0.45	0	6	2	95	0.00	0.0	6.309	0.016	0	0	0	1
PD.1133	PL.16294	A	fuse6AMP	15.09Y	125.8	0.00	0.21	0.45	8	6	2	95	0.00	0.0	6.309	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.16295	PD.1133	A	4ACSR	15.09Y	125.8	0.00	0.21	0.45	0	6	2	95	0.00	0.0	6.440	0.131	0	0	0	1
379207	PL.16295	A	Consumer	15.09Y	125.8	0.00	0.21	0.45	0	6	2	95	0.00	0.0	6.440	0.000	6	2	1	1
PL.16296	PL.26637	C	4ACSR	15.08Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	6.320	0.027	0	0	0	1
PD.1135	PL.16296	C	fuse6AMP	15.08Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	6.320	0.000	0	0	0	1
PL.16297	PD.1135	C	4ACSR	15.08Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	6.472	0.151	0	0	0	1
379305	PL.16297	C	Consumer	15.08Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	6.472	0.000	0	0	1	1
379206	PL.5172	A	Consumer	15.10Y	125.8	0.00	0.20	0.24	0	3	1	95	0.00	0.0	6.247	0.000	3	1	1	1
PL.15290	PL.14743	C	4ACSR	15.09Y	125.8	0.00	0.24	3.79	3	54	20	94	0.00	0.0	5.792	0.018	0	0	0	11
PD.7668-A	PL.15290	C	Closed	15.09Y	125.8	0.00	0.24	3.79	0	54	20	94	0.00	0.0	5.792	0.000	0	0	0	11
PD.7668-B	PD.7668-A	C	Closed	15.09Y	125.8	0.00	0.24	3.79	0	54	20	94	0.00	0.0	5.792	0.000	0	0	0	11
PL.42252	PD.7668-B	C	4ACSR	15.09Y	125.8	0.01	0.25	3.79	3	54	20	94	0.00	0.0	5.877	0.085	0	0	0	11
PD.7669	PL.42252	C	25E	15.09Y	125.8	0.00	0.25	3.79	15	54	20	94	0.00	0.0	5.877	0.000	0	0	0	11
PL.42253	PD.7669	C	4ACSR	15.09Y	125.7	0.00	0.25	3.79	3	54	20	94	0.00	0.0	5.908	0.031	0	0	0	11
PL.5089	PL.42253	C	4ACSR	15.09Y	125.7	0.01	0.26	3.79	3	54	20	94	0.00	0.0	5.996	0.088	0	0	0	11
PL.14804	PL.5089	C	4ACSR	15.09Y	125.7	0.01	0.27	3.79	3	54	20	94	0.00	0.0	6.118	0.122	0	0	0	11
PL.42256	PL.14804	C	4ACSR	15.09Y	125.7	0.00	0.27	2.83	2	40	15	94	0.00	0.0	6.168	0.051	0	0	0	9
PD.7671-A	PL.42256	C	Closed	15.09Y	125.7	0.00	0.27	2.83	0	40	15	94	0.00	0.0	6.168	0.000	0	0	0	9
PD.7671-B	PD.7671-A	C	Closed	15.09Y	125.7	0.00	0.27	2.83	0	40	15	94	0.00	0.0	6.168	0.000	0	0	0	9
PL.42257	PD.7671-B	C	4ACSR	15.08Y	125.7	0.03	0.30	2.83	2	40	15	94	0.01	0.0	6.584	0.416	0	0	0	9
PL.14806	PL.42257	C	4ACSR	15.08Y	125.7	0.01	0.31	2.83	2	40	15	94	0.00	0.0	6.712	0.128	0	0	0	9
PL.14807	PL.14806	C	4ACSR	15.08Y	125.7	0.00	0.31	2.83	2	40	15	94	0.00	0.0	6.713	0.001	0	0	0	9
PL.18180	PL.14807	C	4ACSR	15.08Y	125.7	0.00	0.31	2.37	2	34	12	94	0.00	0.0	6.726	0.013	0	0	0	7
PD.1375	PL.18180	C	fuse6AMP	15.08Y	125.7	0.00	0.31	2.37	40	34	12	94	0.00	0.0	6.726	0.000	0	0	0	7
PL.18181	PD.1375	C	4ACSR	15.08Y	125.7	0.01	0.32	2.37	2	34	12	94	0.00	0.0	6.881	0.154	0	0	0	7
PL.27553	PL.18181	C	4ACSR	15.08Y	125.7	0.00	0.32	0.45	0	6	2	95	0.00	0.0	6.904	0.023	0	0	0	3
PD.1376	PL.27553	C	fuse6AMP	15.08Y	125.7	0.00	0.32	0.45	8	6	2	95	0.00	0.0	6.904	0.000	0	0	0	3
PL.27554	PD.1376	C	4ACSR	15.08Y	125.7	0.00	0.32	0.45	0	6	2	95	0.00	0.0	7.260	0.356	0	0	0	3
PL.24709	PL.27554	C	4ACSR	15.08Y	125.7	0.00	0.32	0.01	0	0	0	100	0.00	0.0	7.351	0.090	0	0	0	2
PL.15462	PL.24709	C	4ACSR	15.08Y	125.7	0.00	0.32	0.01	0	0	0	100	0.00	0.0	7.369	0.018	0	0	0	2
PD.1377	PL.15462	C	fuse6AMP	15.08Y	125.7	0.00	0.32	0.01	0	0	0	100	0.00	0.0	7.369	0.000	0	0	0	2
PL.15403	PD.1377	C	4ACSR	15.08Y	125.7	0.00	0.32	0.01	0	0	0	100	0.00	0.0	7.505	0.136	0	0	0	2
PL.1611	PL.15403	C	4ACSR	15.08Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	7.555	0.051	0	0	0	1
431205	PL.1611	C	Consumer	15.08Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	7.555	0.000	0	0	1	1
431204	PL.15403	C	Consumer	15.08Y	125.7	0.00	0.32	0.01	0	0	0	100	0.00	0.0	7.505	0.000	0	0	1	1
431203	PL.27554	C	Consumer	15.08Y	125.7	0.00	0.32	0.45	0	6	2	95	0.00	0.0	7.260	0.000	6	2	1	1
PL.14808	PL.18181	C	4ACSR	15.08Y	125.7	0.00	0.32	1.91	2	27	10	94	0.00	0.0	6.960	0.080	0	0	0	4
431303	PL.14808	C	Consumer	15.08Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	6.960	0.000	0	0	0	0
430306	PL.14808	C	Consumer	15.08Y	125.7	0.00	0.32	0.44	0	6	2	95	0.00	0.0	6.960	0.000	6	2	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
430307	PL.14808	C	Consumer	15.08Y	125.7	0.00	0.32	0.40	0	6	2	95	0.00	0.0	6.960	0.000	6	2	1	1
PL.14809	PL.14808	C	4ACSR	15.08Y	125.7	0.00	0.32	1.07	1	15	6	93	0.00	0.0	7.068	0.108	0	0	0	2
430305	PL.14809	C	Consumer	15.08Y	125.7	0.00	0.32	0.44	0	6	2	95	0.00	0.0	7.068	0.000	6	2	1	1
430303	PL.14809	C	Consumer	15.08Y	125.7	0.00	0.32	0.63	0	9	3	95	0.00	0.0	7.068	0.000	9	3	1	1
431302	PL.14809	C	Consumer	15.08Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	7.068	0.000	0	0	0	0
PL.27705	PL.14807	C	4ACSR	15.08Y	125.7	0.00	0.31	0.47	0	7	2	96	0.00	0.0	6.723	0.010	0	0	0	2
PD.323-A	PL.27705	C	Closed	15.08Y	125.7	0.00	0.31	0.47	0	7	2	96	0.00	0.0	6.723	0.000	0	0	0	2
PD.323-B	PD.323-A	C	Closed	15.08Y	125.7	0.00	0.31	0.47	0	7	2	96	0.00	0.0	6.723	0.000	0	0	0	2
PL.27706	PD.323-B	C	4ACSR	15.08Y	125.7	0.00	0.31	0.47	0	7	2	96	0.00	0.0	6.810	0.087	0	0	0	2
PL.1612	PL.27706	C	4ACSR	15.08Y	125.7	0.00	0.31	0.47	0	7	2	96	0.00	0.0	6.890	0.080	0	0	0	1
430304	PL.1612	C	Consumer	15.08Y	125.7	0.00	0.31	0.47	0	7	2	96	0.00	0.0	6.890	0.000	7	2	1	1
430301	PL.27706	C	Consumer	15.08Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	6.810	0.000	0	0	1	1
PL.42254	PL.14804	C	4ACSR	15.09Y	125.7	0.00	0.27	0.96	1	14	5	94	0.00	0.0	6.125	0.007	0	0	0	2
PD.7670	PL.42254	C	fuse6AMP	15.09Y	125.7	0.00	0.27	0.96	16	14	5	94	0.00	0.0	6.125	0.000	0	0	0	2
PL.42255	PD.7670	C	4ACSR	15.09Y	125.7	0.00	0.27	0.96	1	14	5	94	0.00	0.0	6.191	0.067	0	0	0	2
430202	PL.42255	C	Consumer	15.09Y	125.7	0.00	0.27	0.12	0	2	1	89	0.00	0.0	6.191	0.000	2	1	1	1
430201	PL.42255	C	Consumer	15.09Y	125.7	0.00	0.27	0.84	0	12	4	95	0.00	0.0	6.191	0.000	12	4	1	1
PL.1613	PL.5089	C	4ACSR	15.09Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	5.996	0.000	0	0	0	0
379211	PL.14743	C	Consumer	15.09Y	125.8	0.00	0.24	0.30	0	4	2	89	0.00	0.0	5.774	0.000	4	2	1	1
PL.14738	PL.14737	C	4ACSR	15.11Y	125.9	0.00	0.10	0.62	1	9	3	95	0.00	0.0	4.941	0.015	0	0	0	3
PD.1317	PL.14738	C	fuse6AMP	15.11Y	125.9	0.00	0.10	0.62	11	9	3	95	0.00	0.0	4.941	0.000	0	0	0	3
PL.14739	PD.1317	C	4ACSR	15.11Y	125.9	0.00	0.10	0.62	1	9	3	95	0.00	0.0	4.977	0.036	0	0	0	3
PL.2357	PL.14739	C	4ACSR	15.11Y	125.9	0.00	0.10	0.10	0	1	1	71	0.00	0.0	5.191	0.214	0	0	0	2
PL.2358	PL.2357	C	4ACSR	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	5.330	0.139	0	0	0	1
428911	PL.2358	C	Consumer	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	5.330	0.000	0	0	1	1
428907	PL.2357	C	Consumer	15.11Y	125.9	0.00	0.10	0.10	0	1	1	71	0.00	0.0	5.191	0.000	1	1	1	1
429912	PL.14739	C	Consumer	15.11Y	125.9	0.00	0.10	0.52	0	7	3	92	0.00	0.0	4.977	0.000	7	3	1	1
PL.24549	PL.14739	C	4ACSR	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	5.016	0.039	0	0	0	0
PL.24550	PL.24549	C	4ACSR	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	5.053	0.037	0	0	0	0
429905	PL.14737	C	Consumer	15.11Y	125.9	0.00	0.10	0.31	0	4	2	89	0.00	0.0	4.926	0.000	4	2	1	1
PL.18824	PL.26639	B	4ACSR	15.11Y	125.9	0.00	0.05	0.43	0	6	2	95	0.00	0.0	4.836	0.019	0	0	0	1
PD.1319	PL.18824	B	fuse6AMP	15.11Y	125.9	0.00	0.05	0.43	7	6	2	95	0.00	0.0	4.836	0.000	0	0	0	1
PL.18825	PD.1319	B	4ACSR	15.11Y	125.9	0.00	0.05	0.43	0	6	2	95	0.00	0.0	5.003	0.167	0	0	0	1
429906	PL.18825	B	Consumer	15.11Y	125.9	0.00	0.05	0.43	0	6	2	95	0.00	0.0	5.003	0.000	6	2	1	1
429904	PL.26639	B	Consumer	15.11Y	125.9	0.00	0.05	0.00	0	0	0	100	0.00	0.0	4.817	0.000	0	0	0	0
PL.30367	PL.26638	A	4ACSR	15.12Y	126.0	0.00	0.03	0.45	0	6	2	95	0.00	0.0	4.684	0.054	0	0	0	1
4299015	PL.30367	A	Consumer	15.12Y	126.0	0.00	0.03	0.45	0	6	2	95	0.00	0.0	4.684	0.000	6	2	1	1
429913	PL.6666	C	Consumer	15.12Y	126.0	0.00	0.03	0.35	0	5	2	93	0.00	0.0	4.503	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.42928	PL.15450	B	4ACSR	14.97Y	124.8	0.00	1.23	1.08	1	15	6	93	0.00	0.0	3.024	0.009	0	0	0	2	
PD.1720-A	PL.42928	B	Closed	14.97Y	124.8	0.00	1.23	1.08	0	15	6	93	0.00	0.0	3.024	0.000	0	0	0	2	
PD.1720-B	PD.1720-A	B	Closed	14.97Y	124.8	0.00	1.23	1.08	0	15	6	93	0.00	0.0	3.024	0.000	0	0	0	2	
PL.42929	PD.1720-B	B	4ACSR	14.97Y	124.8	0.00	1.23	1.08	1	15	6	93	0.00	0.0	3.036	0.012	0	0	0	2	
PL.15782	PL.42929	B	4ACSR	14.97Y	124.8	0.00	1.23	1.08	1	15	6	93	0.00	0.0	3.147	0.111	0	0	0	2	
480816	PL.15782	B	Consumer	14.97Y	124.8	0.00	1.23	1.08	0	15	6	93	0.00	0.0	3.147	0.000	15	6	1	1	
480815	PL.15782	B	Consumer	14.97Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	3.147	0.000	0	0	1	1	
481863	PL.7097	A	Consumer	15.06Y	125.5	0.00	0.50	0.34	0	5	2	93	0.00	0.0	2.961	0.000	5	2	1	1	
481845	PL.39718	B	Consumer	14.98Y	124.8	0.00	1.18	0.06	0	1	0	100	0.00	0.0	2.673	0.000	1	0	1	1	
PL.39712	PL.39703	B	2ACSR	14.98Y	124.8	0.00	1.17	32.36	21	459	156	95	0.01	0.0	2.528	0.003	0	0	0	112	
PL.45193	PL.39712	B	2ACSR	14.98Y	124.8	0.00	1.17	32.36	21	459	156	95	0.01	0.0	2.535	0.007	0	0	0	112	
PD.6926	PL.45193	B	50E	14.98Y	124.8	0.00	1.17	32.36	65	459	156	95	0.00	0.0	2.535	0.000	0	0	0	112	
PL.45192	PD.6926	B	2ACSR	14.97Y	124.8	0.06	1.23	32.36	21	459	156	95	0.19	0.0	2.651	0.116	0	0	0	112	
PL.42924	PL.45192	B	2ACSR	14.97Y	124.8	0.00	1.23	1.08	1	15	6	93	0.00	0.0	2.658	0.007	0	0	0	3	
PD.8183	PL.42924	B	fuse6AMP	14.97Y	124.8	0.00	1.23	1.08	19	15	6	93	0.00	0.0	2.658	0.000	0	0	0	3	
PL.42925	PD.8183	B	2ACSR	14.97Y	124.8	0.00	1.23	1.08	1	15	6	93	0.00	0.0	2.803	0.145	0	0	0	3	
PL.39722	PL.42925	B	2ACSR	14.97Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	2.911	0.108	0	0	0	1	
4818083	PL.39722	B	Consumer	14.97Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	2.911	0.000	0	0	1	1	
4818091	PL.39722	B	Consumer	14.97Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	2.911	0.000	0	0	0	0	
481805	PL.42925	B	Consumer	14.97Y	124.8	0.00	1.23	0.51	0	7	3	92	0.00	0.0	2.803	0.000	7	3	1	1	
481814	PL.42925	B	Consumer	14.97Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	2.803	0.000	0	0	0	0	
481871	PL.42925	B	Consumer	14.97Y	124.8	0.00	1.23	0.58	0	8	3	94	0.00	0.0	2.803	0.000	8	3	1	1	
PL.14756	PL.45192	B	4ACSR	14.97Y	124.7	0.04	1.27	29.90	25	424	143	95	0.12	0.0	2.708	0.058	0	0	0	105	
PL.39767	PL.14756	B	4ACSR	14.97Y	124.7	0.02	1.29	29.90	25	424	143	95	0.06	0.0	2.738	0.030	0	0	0	105	
PL.39341	PL.39767	B	4ACSR	14.96Y	124.7	0.01	1.30	29.90	25	424	143	95	0.02	0.0	2.747	0.008	0	0	0	105	
PL.15771	PL.39341	B	4ACSR	14.96Y	124.7	0.00	1.30	29.90	25	424	143	95	0.01	0.0	2.752	0.005	0	0	0	105	
PL.15773	PL.15771	B	4ACSR	14.96Y	124.7	0.00	1.30	1.13	1	16	6	94	0.00	0.0	2.761	0.009	0	0	0	3	
PD.8184	PL.15773	B	fuse6AMP	14.96Y	124.7	0.00	1.30	1.13	19	16	6	94	0.00	0.0	2.761	0.000	0	0	0	3	
PL.37628	PD.8184	B	4ACSR	14.96Y	124.7	0.00	1.30	1.13	1	16	6	94	0.00	0.0	2.803	0.042	0	0	0	3	
PL.37629	PL.37628	B	4ACSR	14.96Y	124.7	0.00	1.30	0.52	0	7	3	92	0.00	0.0	2.863	0.060	0	0	0	1	
PL.3170	PL.37629	B	4ACSR	14.96Y	124.7	0.00	1.30	0.52	0	7	3	92	0.00	0.0	2.930	0.067	0	0	0	1	
481828	PL.3170	B	Consumer	14.96Y	124.7	0.00	1.30	0.52	0	7	3	92	0.00	0.0	2.930	0.000	7	3	1	1	
PL.37627	PL.37628	B	2ACSR	14.96Y	124.7	0.00	1.30	0.62	0	9	3	95	0.00	0.0	2.839	0.036	0	0	0	2	
4818087	PL.37627	B	Consumer	14.96Y	124.7	0.00	1.30	0.36	0	5	2	93	0.00	0.0	2.839	0.000	5	2	1	1	
4818082	PL.37627	B	Consumer	14.96Y	124.7	0.00	1.30	0.26	0	4	1	97	0.00	0.0	2.839	0.000	4	1	1	1	
481833	PL.15771	B	Consumer	14.96Y	124.7	0.00	1.30	0.58	0	8	3	94	0.00	0.0	2.752	0.000	8	3	1	1	
481846	PL.15771	B	Consumer	14.96Y	124.7	0.00	1.30	0.55	0	8	3	94	0.00	0.0	2.752	0.000	8	3	1	1	
PL.14758	PL.15771	B	4ACSR	14.96Y	124.7	0.03	1.33	27.64	23	392	132	95	0.09	0.0	2.802	0.051	0	0	0	100	

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
482904	PL.27649	B	Consumer	14.89Y	124.1	0.00	1.95	0.00	0	0	0	100	0.00	0.0	4.290	0.000	0	0	1	1
PL.45944	PL.27649	B	4ACSR	14.88Y	124.0	0.01	1.96	12.46	10	173	66	93	0.02	0.0	4.342	0.052	0	0	0	45
PD.8694-A	PL.45944	B	Closed	14.88Y	124.0	0.00	1.96	12.46	0	173	66	93	0.00	0.0	4.342	0.000	0	0	0	45
PD.8694-B	PD.8694-A	B	Closed	14.88Y	124.0	0.00	1.96	12.46	0	173	66	93	0.00	0.0	4.342	0.000	0	0	0	45
PL.45945	PD.8694-B	B	4ACSR	14.88Y	124.0	0.01	1.97	12.46	10	173	66	93	0.01	0.0	4.370	0.029	0	0	0	45
4829050	PL.45945	B	Consumer	14.88Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	4.370	0.000	0	0	0	0
PL.27989	PL.45945	B	4ACSR	14.88Y	124.0	0.03	2.00	12.46	10	173	66	93	0.04	0.0	4.469	0.098	0	0	0	45
PL.15454	PL.27989	B	4ACSR	14.88Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	4.469	0.000	0	0	0	0
PL.15456	PL.27989	B	4ACSR	14.88Y	124.0	0.01	2.01	12.46	10	173	66	93	0.02	0.0	4.520	0.051	0	0	0	44
PL.15457	PL.15456	B	4ACSR	14.88Y	124.0	0.03	2.04	11.97	10	167	63	94	0.03	0.0	4.616	0.096	0	0	0	42
PL.14798	PL.15457	B	4ACSR	14.87Y	124.0	0.01	2.04	3.85	3	54	20	94	0.00	0.0	4.686	0.070	0	0	0	13
PL.7093	PL.14798	B	4ACSR	14.87Y	124.0	0.00	2.05	3.05	3	43	16	94	0.00	0.0	4.756	0.070	0	0	0	10
PL.15538	PL.7093	B	4ACSR	14.87Y	123.9	0.01	2.06	3.05	3	43	16	94	0.00	0.0	4.922	0.166	0	0	0	10
PL.15539	PL.15538	B	4ACSR	14.87Y	123.9	0.00	2.06	2.72	2	38	14	94	0.00	0.0	4.947	0.024	0	0	0	9
482907	PL.15539	B	Consumer	14.87Y	123.9	0.00	2.06	0.39	0	5	2	93	0.00	0.0	4.947	0.000	5	2	1	1
PL.7079	PL.15539	B	4ACSR	14.87Y	123.9	0.00	2.06	2.33	2	33	12	94	0.00	0.0	4.999	0.053	0	0	0	8
PL.15534	PL.7079	B	4ACSR	14.87Y	123.9	0.00	2.07	2.33	2	33	12	94	0.00	0.0	5.038	0.038	0	0	0	8
PL.19005	PL.15534	B	4ACSR	14.87Y	123.9	0.00	2.07	1.69	1	24	9	94	0.00	0.0	5.113	0.075	0	0	0	3
482922	PL.19005	B	Consumer	14.87Y	123.9	0.00	2.07	0.72	0	10	4	93	0.00	0.0	5.113	0.000	10	4	1	1
PL.19006	PL.19005	B	4ACSR	14.87Y	123.9	0.00	2.07	0.97	1	14	5	94	0.00	0.0	5.209	0.096	0	0	0	2
PL.31901	PL.19006	B	4ACSR	14.87Y	123.9	0.00	2.07	0.38	0	5	2	93	0.00	0.0	5.254	0.045	0	0	0	1
4829051	PL.31901	B	Consumer	14.87Y	123.9	0.00	2.07	0.38	0	5	2	93	0.00	0.0	5.254	0.000	5	2	1	1
482905	PL.19006	B	Consumer	14.87Y	123.9	0.00	2.07	0.59	0	8	3	94	0.00	0.0	5.209	0.000	8	3	1	1
PL.3177	PL.15534	B	4ACSR	14.87Y	123.9	0.00	2.07	0.22	0	3	1	95	0.00	0.0	5.131	0.093	0	0	0	1
482942	PL.3177	B	Consumer	14.87Y	123.9	0.00	2.07	0.22	0	3	1	95	0.00	0.0	5.131	0.000	3	1	1	1
PL.3162	PL.15534	B	4ACSR	14.87Y	123.9	0.00	2.07	0.42	0	6	2	95	0.00	0.0	5.136	0.098	0	0	0	4
482943	PL.3162	B	Consumer	14.87Y	123.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	5.136	0.000	0	0	1	1
482916	PL.3162	B	Consumer	14.87Y	123.9	0.00	2.07	0.40	0	6	2	95	0.00	0.0	5.136	0.000	6	2	1	1
482908	PL.3162	B	Consumer	14.87Y	123.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	5.136	0.000	0	0	1	1
482939	PL.3162	B	Consumer	14.87Y	123.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	5.136	0.000	0	0	0	0
482936	PL.3162	B	Consumer	14.87Y	123.9	0.00	2.07	0.02	0	0	0	100	0.00	0.0	5.136	0.000	0	0	1	1
PL.3163	PL.15538	B	4ACSR	14.87Y	123.9	0.00	2.06	0.33	0	5	2	93	0.00	0.0	5.043	0.121	0	0	0	1
PL.3164	PL.3163	B	4ACSR	14.87Y	123.9	0.00	2.06	0.33	0	5	2	93	0.00	0.0	5.107	0.064	0	0	0	1
482930	PL.3164	B	Consumer	14.87Y	123.9	0.00	2.06	0.33	0	5	2	93	0.00	0.0	5.107	0.000	5	2	1	1
482937	PL.7093	B	Consumer	14.87Y	124.0	0.00	2.05	0.00	0	0	0	100	0.00	0.0	4.756	0.000	0	0	0	0
PL.3178	PL.7093	B	4ACSR	14.87Y	124.0	0.00	2.05	0.00	0	0	0	100	0.00	0.0	4.813	0.057	0	0	0	0
482946	PL.3178	B	Consumer	14.87Y	124.0	0.00	2.05	0.00	0	0	0	100	0.00	0.0	4.813	0.000	0	0	0	0
PL.14799	PL.14798	B	4ACSR	14.87Y	124.0	0.00	2.05	0.80	1	11	4	94	0.00	0.0	4.815	0.128	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-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PL.19269	PL.14799	B	4ACSR	14.87Y	124.0	0.00	2.05	0.32	0	4	2	89	0.00	0.0	4.892	0.077	0	0	0	2
PL.44699	PL.19269	B	4ACSR	14.87Y	124.0	0.00	2.05	0.32	0	4	2	89	0.00	0.0	4.944	0.052	0	0	0	2
PL.44701	PL.44699	B	2ACSR	14.87Y	124.0	0.00	2.05	0.00	0	0	0	100	0.00	0.0	4.953	0.009	0	0	0	1
PD.8594	PL.44701	B	fuse6AMP	14.87Y	124.0	0.00	2.05	0.00	0	0	0	100	0.00	0.0	4.953	0.000	0	0	0	1
PL.44702	PD.8594	B	2ACSR	14.87Y	124.0	0.00	2.05	0.00	0	0	0	100	0.00	0.0	4.995	0.042	0	0	0	1
4829053	PL.44702	B	Consumer	14.87Y	124.0	0.00	2.05	0.00	0	0	0	100	0.00	0.0	4.995	0.000	0	0	1	1
PL.44700	PL.44699	B	4ACSR	14.87Y	124.0	0.00	2.05	0.32	0	4	2	89	0.00	0.0	5.126	0.181	0	0	0	1
PL.15537	PL.44700	B	4ACSR	14.87Y	124.0	0.00	2.05	0.32	0	4	2	89	0.00	0.0	5.367	0.242	0	0	0	1
PL.15535	PL.15537	B	4ACSR	14.87Y	124.0	0.00	2.05	0.32	0	4	2	89	0.00	0.0	5.411	0.043	0	0	0	1
PL.15536	PL.15535	B	4ACSR	14.87Y	123.9	0.00	2.05	0.32	0	4	2	89	0.00	0.0	5.499	0.088	0	0	0	1
432212	PL.15536	B	Consumer	14.87Y	123.9	0.00	2.05	0.32	0	4	2	89	0.00	0.0	5.499	0.000	4	2	1	1
PL.3173	PL.44700	B	4ACSR	14.87Y	124.0	0.00	2.05	0.00	0	0	0	100	0.00	0.0	5.160	0.035	0	0	0	0
482929	PL.3173	B	Consumer	14.87Y	124.0	0.00	2.05	0.00	0	0	0	100	0.00	0.0	5.160	0.000	0	0	0	0
482910	PL.14799	B	Consumer	14.87Y	124.0	0.00	2.05	0.49	0	7	2	96	0.00	0.0	4.815	0.000	7	2	1	1
PL.7080	PL.15457	B	4ACSR	14.87Y	123.9	0.02	2.06	8.12	7	113	43	93	0.02	0.0	4.720	0.104	0	0	0	29
PL.14802	PL.7080	B	4ACSR	14.87Y	123.9	0.01	2.07	7.50	6	104	40	93	0.01	0.0	4.771	0.051	0	0	0	28
PL.14803	PL.14802	B	4ACSR	14.87Y	123.9	0.01	2.07	7.22	6	100	39	93	0.00	0.0	4.807	0.036	0	0	0	27
PL.15458	PL.14803	B	4ACSR	14.87Y	123.9	0.01	2.08	4.96	4	69	25	94	0.00	0.0	4.876	0.068	0	0	0	19
PL.15459	PL.15458	B	4ACSR	14.87Y	123.9	0.02	2.09	4.61	4	64	23	94	0.01	0.0	5.024	0.148	0	0	0	18
PL.14796	PL.15459	B	4ACSR	14.87Y	123.9	0.02	2.11	4.61	4	64	23	94	0.01	0.0	5.191	0.167	0	0	0	18
PL.14800	PL.14796	B	4ACSR	14.87Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	5.191	0.000	0	0	0	0
PL.14797	PL.14796	B	4ACSR	14.86Y	123.9	0.01	2.13	4.58	4	64	23	94	0.01	0.0	5.326	0.135	0	0	0	17
PL.14793	PL.14797	B	4ACSR	14.86Y	123.9	0.00	2.13	1.98	2	28	10	94	0.00	0.0	5.408	0.082	0	0	0	9
PL.1621	PL.14793	B	4ACSR	14.86Y	123.9	0.00	2.13	0.80	1	11	4	94	0.00	0.0	5.493	0.085	0	0	0	3
432208	PL.1621	B	Consumer	14.86Y	123.9	0.00	2.13	0.10	0	1	1	71	0.00	0.0	5.493	0.000	1	1	1	1
432211	PL.1621	B	Consumer	14.86Y	123.9	0.00	2.13	0.02	0	0	0	100	0.00	0.0	5.493	0.000	0	0	1	1
432207	PL.1621	B	Consumer	14.86Y	123.9	0.00	2.13	0.68	0	10	3	96	0.00	0.0	5.493	0.000	10	3	1	1
PL.15460	PL.14793	B	4ACSR	14.86Y	123.9	0.01	2.14	1.18	1	17	6	94	0.00	0.0	5.824	0.416	0	0	0	6
PD.1374	PL.15460	B	fuse6AMP	14.86Y	123.9	0.00	2.14	1.18	20	17	6	94	0.00	0.0	5.824	0.000	0	0	0	6
PL.15461	PD.1374	B	4ACSR	14.86Y	123.9	0.00	2.14	1.18	1	17	6	94	0.00	0.0	5.876	0.052	0	0	0	6
PL.14792	PL.15461	B	4ACSR	14.86Y	123.9	0.00	2.14	0.74	1	10	4	93	0.00	0.0	5.970	0.095	0	0	0	4
PL.14794	PL.14792	B	4ACSR	14.86Y	123.9	0.00	2.15	0.74	1	10	4	93	0.00	0.0	6.133	0.163	0	0	0	4
PL.14795	PL.14794	B	4ACSR	14.86Y	123.9	0.00	2.15	0.65	1	9	3	95	0.00	0.0	6.146	0.013	0	0	0	2
PL.14341	PL.14795	B	4ACSR	14.86Y	123.9	0.00	2.15	0.65	1	9	3	95	0.00	0.0	6.304	0.158	0	0	0	2
4323006	PL.14341	B	Consumer	14.86Y	123.9	0.00	2.15	0.04	0	1	0	100	0.00	0.0	6.304	0.000	1	0	1	1
432302	PL.14341	B	Consumer	14.86Y	123.9	0.00	2.15	0.61	0	8	3	94	0.00	0.0	6.304	0.000	8	3	1	1
PL.24708	PL.14341	B	4ACSR	14.86Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	6.640	0.335	0	0	0	0
PL.14339	PL.24708	B	4ACSR	14.86Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	6.723	0.084	0	0	0	0

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.14340	PL.14339	B	4ACSR	14.86Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	6.799	0.075	0	0	0	0
433302	PL.14340	B	Consumer	14.86Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	6.799	0.000	0	0	0	0
PL.6426	PL.14340	B	4ACSR	14.86Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	6.928	0.130	0	0	0	0
PL.6425	PL.6426	B	4ACSR	14.86Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	7.137	0.209	0	0	0	0
PL.2434	PL.14339	B	4ACSR	14.86Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	6.996	0.272	0	0	0	0
PL.2433	PL.2434	B	4ACSR	14.86Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	7.188	0.192	0	0	0	0
PL.2432	PL.2433	B	4ACSR	14.86Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	7.485	0.298	0	0	0	0
PL.1618	PL.14794	B	4ACSR	14.86Y	123.9	0.00	2.15	0.09	0	1	0	100	0.00	0.0	6.264	0.131	0	0	0	2
PL.1619	PL.1618	B	4ACSR	14.86Y	123.9	0.00	2.15	0.09	0	1	0	100	0.00	0.0	6.498	0.234	0	0	0	2
PL.1620	PL.1619	B	4ACSR	14.86Y	123.9	0.00	2.15	0.09	0	1	0	100	0.00	0.0	6.677	0.179	0	0	0	2
432304	PL.1620	B	Consumer	14.86Y	123.9	0.00	2.15	0.09	0	1	0	100	0.00	0.0	6.677	0.000	1	0	1	1
432305	PL.1620	B	Consumer	14.86Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	6.677	0.000	0	0	1	1
PL.1617	PL.15461	B	4ACSR	14.86Y	123.9	0.00	2.14	0.44	0	6	2	95	0.00	0.0	5.946	0.070	0	0	0	2
432218	PL.1617	B	Consumer	14.86Y	123.9	0.00	2.14	0.03	0	0	0	100	0.00	0.0	5.946	0.000	0	0	1	1
432216	PL.1617	B	Consumer	14.86Y	123.9	0.00	2.14	0.41	0	6	2	95	0.00	0.0	5.946	0.000	6	2	1	1
PL.20655	PL.14797	B	4ACSR	14.86Y	123.9	0.00	2.13	2.60	2	36	13	94	0.00	0.0	5.388	0.062	0	0	0	8
PL.21315	PL.20655	B	4ACSR	14.86Y	123.9	0.00	2.13	2.28	2	32	12	94	0.00	0.0	5.444	0.055	0	0	0	7
432214	PL.21315	B	Consumer	14.86Y	123.9	0.00	2.13	0.63	0	9	3	95	0.00	0.0	5.444	0.000	9	3	1	1
432215	PL.21315	B	Consumer	14.86Y	123.9	0.00	2.13	0.70	0	10	4	93	0.00	0.0	5.444	0.000	10	4	1	1
PL.21316	PL.21315	B	4ACSR	14.86Y	123.9	0.00	2.13	0.96	1	13	5	93	0.00	0.0	5.520	0.076	0	0	0	5
PL.1616	PL.21316	B	4ACSR	14.86Y	123.9	0.00	2.14	0.82	1	12	4	95	0.00	0.0	5.646	0.126	0	0	0	4
PL.1622	PL.1616	B	4ACSR	14.86Y	123.9	0.00	2.14	0.29	0	4	1	97	0.00	0.0	5.711	0.065	0	0	0	1
432220	PL.1622	B	Consumer	14.86Y	123.9	0.00	2.14	0.29	0	4	1	97	0.00	0.0	5.711	0.000	4	1	1	1
432217	PL.1616	B	Consumer	14.86Y	123.9	0.00	2.14	0.22	0	3	1	95	0.00	0.0	5.646	0.000	3	1	1	1
432203	PL.1616	B	Consumer	14.86Y	123.9	0.00	2.14	0.12	0	2	1	89	0.00	0.0	5.646	0.000	2	1	1	1
4322021	PL.1616	B	Consumer	14.86Y	123.9	0.00	2.14	0.19	0	3	1	95	0.00	0.0	5.646	0.000	3	1	1	1
432201	PL.21316	B	Consumer	14.86Y	123.9	0.00	2.13	0.13	0	2	1	89	0.00	0.0	5.520	0.000	2	1	1	1
432202	PL.20655	B	Consumer	14.86Y	123.9	0.00	2.13	0.32	0	4	2	89	0.00	0.0	5.388	0.000	4	2	1	1
PL.45537	PL.14796	B	4ACSR	14.87Y	123.9	0.00	2.11	0.03	0	0	0	100	0.00	0.0	5.203	0.012	0	0	0	1
PD.8665	PL.45537	B	fuse6AMP	14.87Y	123.9	0.00	2.11	0.03	0	0	0	100	0.00	0.0	5.203	0.000	0	0	0	1
PL.45538	PD.8665	B	4ACSR	14.87Y	123.9	0.00	2.11	0.03	0	0	0	100	0.00	0.0	5.320	0.117	0	0	0	1
PL.19963	PL.45538	B	4ACSR	14.87Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	5.575	0.255	0	0	0	0
PL.19964	PL.19963	B	4ACSR	14.87Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	5.616	0.041	0	0	0	0
431206	PL.19964	B	Consumer	14.87Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	5.616	0.000	0	0	0	0
432210	PL.45538	B	Consumer	14.87Y	123.9	0.00	2.11	0.03	0	0	0	100	0.00	0.0	5.320	0.000	0	0	1	1
482911	PL.15458	B	Consumer	14.87Y	123.9	0.00	2.08	0.35	0	5	2	93	0.00	0.0	4.876	0.000	5	2	1	1
PL.3166	PL.14803	B	4ACSR	14.87Y	123.9	0.00	2.07	2.26	2	31	14	91	0.00	0.0	4.865	0.058	0	0	0	8
PL.19009	PL.3166	B	4ACSR	14.87Y	123.9	0.00	2.08	1.74	1	23	11	90	0.00	0.0	4.931	0.066	0	0	0	5

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.19010	PL.19009	B	4ACSR	14.87Y	123.9	0.00	2.08	1.58	1	21	10	90	0.00	0.0	4.987	0.056	0	0	0	3
4829054	PL.19010	B	Consumer	14.87Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	4.987	0.000	0	0	0	0
482944	PL.19010	B	Consumer	14.87Y	123.9	0.00	2.08	1.44	0	19	9	90	0.00	0.0	4.987	0.000	19	9	1	1
482932	PL.19010	B	Consumer	14.87Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	4.987	0.000	0	0	1	1
PL.35617	PL.19010	B	2ACSR	14.87Y	123.9	0.00	2.08	0.14	0	2	1	89	0.00	0.0	5.128	0.141	0	0	0	1
4819008	PL.35617	B	Consumer	14.87Y	123.9	0.00	2.08	0.14	0	2	1	89	0.00	0.0	5.128	0.000	2	1	1	1
482935	PL.19009	B	Consumer	14.87Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	4.931	0.000	0	0	1	1
482934	PL.19009	B	Consumer	14.87Y	123.9	0.00	2.08	0.16	0	2	1	89	0.00	0.0	4.931	0.000	2	1	1	1
482933	PL.3166	B	Consumer	14.87Y	123.9	0.00	2.07	0.25	0	3	1	95	0.00	0.0	4.865	0.000	3	1	1	1
4829049	PL.3166	B	Consumer	14.87Y	123.9	0.00	2.07	0.27	0	4	1	97	0.00	0.0	4.865	0.000	4	1	1	1
4829052	PL.3166	B	Consumer	14.87Y	123.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	4.865	0.000	0	0	1	1
PL.3175	PL.14802	B	4ACSR	14.87Y	123.9	0.00	2.07	0.28	0	4	1	97	0.00	0.0	4.813	0.042	0	0	0	1
482940	PL.3175	B	Consumer	14.87Y	123.9	0.00	2.07	0.28	0	4	1	97	0.00	0.0	4.813	0.000	4	1	1	1
482926	PL.7080	B	Consumer	14.87Y	123.9	0.00	2.06	0.62	0	9	3	95	0.00	0.0	4.720	0.000	9	3	1	1
482941	PL.15456	B	Consumer	14.88Y	124.0	0.00	2.01	0.32	0	4	2	89	0.00	0.0	4.520	0.000	4	2	1	1
482909	PL.15456	B	Consumer	14.88Y	124.0	0.00	2.01	0.17	0	2	1	89	0.00	0.0	4.520	0.000	2	1	1	1
PL.15455	PL.27989	B	4ACSR	14.88Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	4.532	0.063	0	0	0	1
481905	PL.15455	B	Consumer	14.88Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	4.532	0.000	0	0	1	1
P PL.45583	PL.15533	B	2ACSR	14.89Y	124.1	-0.00	1.94	-0.44	0	0	-7	0	0.00	0.0	4.318	0.031	0	0	0	0 P
PD.8671	PL.45583	B	fuse6AMP	14.89Y	124.1	0.00	1.94	-0.44	8	0	-7	0	0.00	0.0	4.318	0.000	0	0	0	0
P PL.45584	PD.8671	B	2ACSR	14.89Y	124.1	-0.00	1.94	-0.44	0	0	-7	0	0.00	0.0	4.366	0.048	0	0	0	0 P
P PL.45578	PL.45584	B	1/0EPRJCN	14.89Y	124.1	-0.00	1.94	-0.22	0	0	-3	0	0.00	0.0	4.372	0.006	0	0	0	0 P
P PL.45580	PL.45578	B	1/0EPRJCN	14.89Y	124.1	-0.00	1.94	-0.21	0	0	-3	0	0.00	0.0	4.376	0.004	0	0	0	0 P
P PD.8669-A	PL.45580	B	Closed	14.89Y	124.1	0.00	1.94	-0.20	0	0	-3	0	0.00	0.0	4.376	0.000	0	0	0	0 P
P PD.8669-B	PD.8669-A	B	Closed	14.89Y	124.1	0.00	1.94	-0.20	0	0	-3	0	0.00	0.0	4.376	0.000	0	0	0	0 P
P PL.45579	PD.8669-B	B	1/0EPRJCN	14.89Y	124.1	-0.00	1.94	-0.20	0	0	-3	0	0.00	0.0	4.540	0.164	0	0	0	0 P
P PL.45581	PL.45584	B	1/0EPRJCN	14.89Y	124.1	-0.00	1.94	-0.22	0	0	-3	0	0.00	0.0	4.389	0.023	0	0	0	0 P
P PD.8670-A	PL.45581	B	Closed	14.89Y	124.1	0.00	1.94	-0.19	0	0	-3	0	0.00	0.0	4.389	0.000	0	0	0	0 P
P PD.8670-B	PD.8670-A	B	Closed	14.89Y	124.1	0.00	1.94	-0.19	0	0	-3	0	0.00	0.0	4.389	0.000	0	0	0	0 P
P PL.45582	PD.8670-B	B	1/0EPRJCN	14.89Y	124.1	-0.00	1.94	-0.19	0	0	-3	0	0.00	0.0	4.546	0.157	0	0	0	0 P
PL.8609	PL.15533	B	4ACSR	14.89Y	124.0	0.01	1.95	4.27	4	60	22	94	0.00	0.0	4.366	0.080	0	0	0	16
PL.8610	PL.8609	B	4ACSR	14.88Y	124.0	0.03	1.98	4.27	4	60	22	94	0.01	0.0	4.649	0.283	0	0	0	16
PL.45338	PL.8610	B	2ACSR	14.88Y	124.0	0.02	2.00	3.94	3	55	20	94	0.01	0.0	4.899	0.250	0	0	0	15
482919	PL.45338	B	Consumer	14.88Y	124.0	0.00	2.00	0.48	0	7	2	96	0.00	0.0	4.899	0.000	7	2	1	1
PL.3158	PL.45338	B	4ACSR	14.88Y	124.0	0.01	2.00	3.47	3	48	18	94	0.00	0.0	4.994	0.094	0	0	0	14
PL.7077	PL.3158	B	4ACSR	14.88Y	124.0	0.00	2.01	2.83	2	40	14	94	0.00	0.0	5.037	0.043	0	0	0	11
482931	PL.7077	B	Consumer	14.88Y	124.0	0.00	2.01	0.31	0	4	2	89	0.00	0.0	5.037	0.000	4	2	1	1
482902	PL.7077	B	Consumer	14.88Y	124.0	0.00	2.01	0.29	0	4	1	97	0.00	0.0	5.037	0.000	4	1	1	1

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
4829055	PL.7077	B	Consumer	14.88Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	5.037	0.000	0	0	0	0
PL.3161	PL.7077	B	4ACSR	14.88Y	124.0	0.00	2.01	2.23	2	31	11	94	0.00	0.0	5.092	0.055	0	0	0	9
PL.14325	PL.3161	B	4ACSR	14.88Y	124.0	0.01	2.02	2.23	2	31	11	94	0.00	0.0	5.286	0.194	0	0	0	9
482938	PL.14325	B	Consumer	14.88Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	5.286	0.000	0	0	1	1
482928	PL.14325	B	Consumer	14.88Y	124.0	0.00	2.02	0.41	0	6	2	95	0.00	0.0	5.286	0.000	6	2	1	1
PL.7076	PL.14325	B	4ACSR	14.88Y	124.0	0.00	2.02	1.82	2	25	9	94	0.00	0.0	5.286	0.001	0	0	0	7
PL.14328	PL.7076	B	4ACSR	14.88Y	124.0	0.00	2.02	1.82	2	25	9	94	0.00	0.0	5.403	0.117	0	0	0	7
PL.3156	PL.14328	B	4ACSR	14.88Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	5.484	0.080	0	0	0	0
PL.14327	PL.14328	B	4ACSR	14.88Y	124.0	0.00	2.02	1.42	1	20	7	94	0.00	0.0	5.410	0.007	0	0	0	5
PL.7142	PL.14327	B	4ACSR	14.88Y	124.0	0.00	2.02	1.42	1	20	7	94	0.00	0.0	5.417	0.007	0	0	0	5
483821	PL.7142	B	Consumer	14.88Y	124.0	0.00	2.02	0.44	0	6	2	95	0.00	0.0	5.417	0.000	6	2	1	1
PL.14324	PL.7142	B	4ACSR	14.88Y	124.0	0.00	2.03	0.98	1	14	5	94	0.00	0.0	5.511	0.093	0	0	0	4
PL.45175	PL.14324	B	4ACSR	14.88Y	124.0	0.00	2.03	0.55	0	8	3	94	0.00	0.0	5.525	0.015	0	0	0	3
PD.8602	PL.45175	B	fuse6AMP	14.88Y	124.0	0.00	2.03	0.55	9	8	3	94	0.00	0.0	5.525	0.000	0	0	0	3
PL.45176	PD.8602	B	4ACSR	14.88Y	124.0	0.00	2.03	0.55	0	8	3	94	0.00	0.0	5.603	0.078	0	0	0	3
PL.2818	PL.45176	B	4ACSR	14.88Y	124.0	0.00	2.03	0.55	0	8	3	94	0.00	0.0	5.771	0.167	0	0	0	3
PL.2644	PL.2818	B	4ACSR	14.88Y	124.0	0.00	2.03	0.55	0	8	3	94	0.00	0.0	5.832	0.062	0	0	0	3
482801	PL.2644	B	Consumer	14.88Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	5.832	0.000	0	0	1	1
PL.2645	PL.2644	B	4ACSR	14.88Y	124.0	0.00	2.03	0.55	0	8	3	94	0.00	0.0	6.052	0.220	0	0	0	2
PL.19474	PL.2645	B	4ACSR	14.88Y	124.0	0.00	2.03	0.14	0	2	1	89	0.00	0.0	6.149	0.097	0	0	0	1
482805	PL.19474	B	Consumer	14.88Y	124.0	0.00	2.03	0.14	0	2	1	89	0.00	0.0	6.149	0.000	2	1	1	1
PL.19475	PL.19474	B	4ACSR	14.88Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	6.234	0.085	0	0	0	0
482803	PL.2645	B	Consumer	14.88Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	6.052	0.000	0	0	0	0
482813	PL.2645	B	Consumer	14.88Y	124.0	0.00	2.03	0.41	0	6	2	95	0.00	0.0	6.052	0.000	6	2	1	1
PL.2819	PL.14324	B	4ACSR	14.88Y	124.0	0.00	2.03	0.43	0	6	2	95	0.00	0.0	5.561	0.050	0	0	0	1
483808	PL.2819	B	Consumer	14.88Y	124.0	0.00	2.03	0.43	0	6	2	95	0.00	0.0	5.561	0.000	6	2	1	1
PL.15292	PL.14324	B	4ACSR	14.88Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	5.633	0.123	0	0	0	0
PD.444-A	PL.15292	B	Open	14.88Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	5.633	0.000	0	0	0	0
PL.7074	PL.14328	B	4ACSR	14.88Y	124.0	0.00	2.02	0.40	0	6	2	95	0.00	0.0	5.472	0.069	0	0	0	2
PL.7075	PL.7074	B	4ACSR	14.88Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	5.541	0.069	0	0	0	1
482807	PL.7075	B	Consumer	14.88Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	5.541	0.000	0	0	1	1
482810	PL.7074	B	Consumer	14.88Y	124.0	0.00	2.02	0.39	0	6	2	95	0.00	0.0	5.472	0.000	6	2	1	1
PL.3157	PL.3161	B	4ACSR	14.88Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	5.247	0.155	0	0	0	0
482918	PL.3157	B	Consumer	14.88Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	5.247	0.000	0	0	0	0
482945	PL.3158	B	Consumer	14.88Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	4.994	0.000	0	0	1	1
PL.15451	PL.3158	B	4ACSR	14.88Y	124.0	0.00	2.00	0.63	1	9	3	95	0.00	0.0	5.108	0.114	0	0	0	2
PL.15452	PL.15451	B	4ACSR	14.88Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	5.164	0.056	0	0	0	0
PL.3160	PL.15452	B	4ACSR	14.88Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	5.212	0.049	0	0	0	0

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
4829056	PL.15452	B	Consumer	14.88Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	5.164	0.000	0	0	0	0
PL.3159	PL.15451	B	4ACSR	14.88Y	124.0	0.00	2.01	0.63	1	9	3	95	0.00	0.0	5.146	0.038	0	0	0	2
482906	PL.3159	B	Consumer	14.88Y	124.0	0.00	2.01	0.39	0	5	2	93	0.00	0.0	5.146	0.000	5	2	1	1
482903	PL.3159	B	Consumer	14.88Y	124.0	0.00	2.01	0.24	0	3	1	95	0.00	0.0	5.146	0.000	3	1	1	1
482947	PL.8610	B	Consumer	14.88Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	4.649	0.000	0	0	0	0
PL.29893	PL.8610	B	4ACSR	14.88Y	124.0	0.00	1.98	0.33	0	5	2	93	0.00	0.0	4.704	0.055	0	0	0	1
4829048	PL.29893	B	Consumer	14.88Y	124.0	0.00	1.98	0.33	0	5	2	93	0.00	0.0	4.704	0.000	5	2	1	1
PL.3167	PL.26753	B	4ACSR	14.90Y	124.1	0.00	1.85	0.14	0	2	1	89	0.00	0.0	4.229	0.188	0	0	0	4
481906	PL.3167	B	Consumer	14.90Y	124.1	0.00	1.85	0.00	0	0	0	100	0.00	0.0	4.229	0.000	0	0	1	1
481901	PL.3167	B	Consumer	14.90Y	124.1	0.00	1.85	0.04	0	1	0	100	0.00	0.0	4.229	0.000	1	0	1	1
481907	PL.3167	B	Consumer	14.90Y	124.1	0.00	1.85	0.00	0	0	0	100	0.00	0.0	4.229	0.000	0	0	1	1
481902	PL.3167	B	Consumer	14.90Y	124.1	0.00	1.85	0.10	0	1	1	71	0.00	0.0	4.229	0.000	1	1	1	1
PL.7083	PL.20049	B	4ACSR	14.90Y	124.2	0.00	1.80	0.30	0	4	2	89	0.00	0.0	4.169	0.261	0	0	0	2
PL.7084	PL.7083	B	4ACSR	14.90Y	124.2	0.00	1.80	0.30	0	4	2	89	0.00	0.0	4.217	0.048	0	0	0	2
481832	PL.7084	B	Consumer	14.90Y	124.2	0.00	1.80	0.30	0	4	2	89	0.00	0.0	4.217	0.000	4	2	1	1
481820	PL.7084	B	Consumer	14.90Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	4.217	0.000	0	0	1	1
481851	PL.7085	B	Consumer	14.94Y	124.5	0.00	1.52	0.00	0	0	0	100	0.00	0.0	3.187	0.000	0	0	0	0
481859	PL.14765	B	Consumer	14.95Y	124.6	0.00	1.43	0.53	0	7	3	92	0.00	0.0	2.963	0.000	7	3	1	1
481812	PL.14765	B	Consumer	14.95Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	2.963	0.000	0	0	0	0
481864	PL.14765	B	Consumer	14.95Y	124.6	0.00	1.43	0.79	0	11	4	94	0.00	0.0	2.963	0.000	11	4	1	1
PL.14761	PL.14765	B	4ACSR	14.95Y	124.6	0.00	1.43	4.67	4	66	24	94	0.00	0.0	2.976	0.013	0	0	0	14
PD.1724	PL.14761	B	fuse6AMP	14.95Y	124.6	0.00	1.43	4.67	80	66	24	94	0.00	0.0	2.976	0.000	0	0	0	14
PL.14762	PD.1724	B	4ACSR	14.95Y	124.6	0.01	1.44	4.67	4	66	24	94	0.01	0.0	3.110	0.135	0	0	0	14
PL.3171	PL.14762	B	4ACSR	14.95Y	124.6	0.01	1.45	4.64	4	65	24	94	0.00	0.0	3.161	0.051	0	0	0	11
481842	PL.3171	B	Consumer	14.95Y	124.6	0.00	1.45	0.92	0	13	5	93	0.00	0.0	3.161	0.000	13	5	1	1
PL.33941	PL.3171	B	4ACSR	14.95Y	124.5	0.00	1.45	3.72	3	52	19	94	0.00	0.0	3.211	0.050	0	0	0	10
PL.33939	PL.33941	B	4ACSR	14.95Y	124.5	0.00	1.45	2.83	2	40	14	94	0.00	0.0	3.242	0.031	0	0	0	7
PL.33940	PL.33939	B	4ACSR	14.95Y	124.5	0.00	1.45	2.83	2	40	14	94	0.00	0.0	3.272	0.030	0	0	0	7
PL.7098	PL.33940	B	4ACSR	14.95Y	124.5	0.00	1.46	2.41	2	34	12	94	0.00	0.0	3.285	0.013	0	0	0	6
4818086	PL.7098	B	Consumer	14.95Y	124.5	0.00	1.46	0.22	0	3	1	95	0.00	0.0	3.285	0.000	3	1	1	1
4818089	PL.7098	B	Consumer	14.95Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	3.285	0.000	0	0	0	0
481866	PL.7098	B	Consumer	14.95Y	124.5	0.00	1.46	0.74	0	10	4	93	0.00	0.0	3.285	0.000	10	4	1	1
PL.7099	PL.7098	B	4ACSR	14.95Y	124.5	0.00	1.46	1.45	1	20	7	94	0.00	0.0	3.301	0.016	0	0	0	4
PL.39128	PL.7099	B	2ACSR	14.95Y	124.5	0.00	1.46	0.19	0	3	1	95	0.00	0.0	3.339	0.039	0	0	0	1
4818084	PL.39128	B	Consumer	14.95Y	124.5	0.00	1.46	0.19	0	3	1	95	0.00	0.0	3.339	0.000	3	1	1	1
481868	PL.7099	B	Consumer	14.95Y	124.5	0.00	1.46	0.50	0	7	3	92	0.00	0.0	3.301	0.000	7	3	1	1
481879	PL.7099	B	Consumer	14.95Y	124.5	0.00	1.46	0.40	0	6	2	95	0.00	0.0	3.301	0.000	6	2	1	1
481865	PL.7099	B	Consumer	14.95Y	124.5	0.00	1.46	0.37	0	5	2	93	0.00	0.0	3.301	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
481862	PL.33940	B	Consumer	14.95Y	124.5	0.00	1.45	0.42	0	6	2	95	0.00	0.0	3.272	0.000	6	2	1	1
4818081	PL.33941	B	Consumer	14.95Y	124.5	0.00	1.45	0.26	0	4	1	97	0.00	0.0	3.211	0.000	4	1	1	1
4818090	PL.33941	B	Consumer	14.95Y	124.5	0.00	1.45	0.57	0	8	3	94	0.00	0.0	3.211	0.000	8	3	1	1
481873	PL.33941	B	Consumer	14.95Y	124.5	0.00	1.45	0.07	0	1	0	100	0.00	0.0	3.211	0.000	1	0	1	1
PL.7094	PL.14762	B	4ACSR	14.95Y	124.6	0.00	1.44	0.03	0	0	0	100	0.00	0.0	3.174	0.064	0	0	0	3
PL.40449	PL.7094	B	2ACSR	14.95Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	3.218	0.043	0	0	0	1
4818088	PL.40449	B	Consumer	14.95Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	3.218	0.000	0	0	1	1
481857	PL.7094	B	Consumer	14.95Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	3.174	0.000	0	0	1	1
PL.7095	PL.7094	B	4ACSR	14.95Y	124.6	0.00	1.44	0.03	0	0	0	100	0.00	0.0	3.248	0.074	0	0	0	1
PL.7096	PL.7095	B	4ACSR	14.95Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	3.249	0.001	0	0	0	0
481858	PL.7095	B	Consumer	14.95Y	124.6	0.00	1.44	0.03	0	0	0	100	0.00	0.0	3.248	0.000	0	0	1	1
PL.18664	PL.14763	B	4ACSR	14.95Y	124.6	0.00	1.39	2.63	2	37	13	94	0.00	0.0	2.914	0.019	0	0	0	7
PD.1723	PL.18664	B	fuse6AMP	14.95Y	124.6	0.00	1.39	2.63	45	37	13	94	0.00	0.0	2.914	0.000	0	0	0	7
PL.18665	PD.1723	B	4ACSR	14.95Y	124.6	0.02	1.41	2.63	2	37	13	94	0.01	0.0	3.257	0.343	0	0	0	7
PL.19248	PL.18665	B	4ACSR	14.95Y	124.6	0.00	1.41	2.08	2	29	11	93	0.00	0.0	3.344	0.087	0	0	0	5
481867	PL.19248	B	Consumer	14.95Y	124.6	0.00	1.41	0.24	0	3	1	95	0.00	0.0	3.344	0.000	3	1	1	1
PL.27793	PL.19248	B	4ACSR	14.95Y	124.6	0.00	1.42	1.83	2	26	9	94	0.00	0.0	3.425	0.081	0	0	0	4
PL.7081	PL.27793	B	4ACSR	14.95Y	124.6	0.00	1.42	1.60	1	22	8	94	0.00	0.0	3.520	0.095	0	0	0	2
482811	PL.7081	B	Consumer	14.95Y	124.6	0.00	1.42	0.02	0	0	0	100	0.00	0.0	3.520	0.000	0	0	1	1
482809	PL.7081	B	Consumer	14.95Y	124.6	0.00	1.42	1.58	0	22	8	94	0.00	0.0	3.520	0.000	22	8	1	1
481843	PL.27793	B	Consumer	14.95Y	124.6	0.00	1.42	0.14	0	2	1	89	0.00	0.0	3.425	0.000	2	1	1	1
4818085	481843	B	Consumer	14.95Y	124.6	0.00	1.42	0.00	0	0	0	100	0.00	0.0	3.425	0.000	0	0	0	0
481875	PL.27793	B	Consumer	14.95Y	124.6	0.00	1.42	0.10	0	1	0	100	0.00	0.0	3.425	0.000	1	0	1	1
481880	PL.18665	B	Consumer	14.95Y	124.6	0.00	1.41	0.53	0	7	3	92	0.00	0.0	3.257	0.000	7	3	1	1
481876	PL.18665	B	Consumer	14.95Y	124.6	0.00	1.41	0.03	0	0	0	100	0.00	0.0	3.257	0.000	0	0	1	1
481810	PL.18665	B	Consumer	14.95Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	3.257	0.000	0	0	0	0
PL.7082	PL.18665	B	4ACSR	14.95Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	3.356	0.099	0	0	0	0
PD.1719-A	PL.7082	B	Open	14.95Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	3.356	0.000	0	0	0	0
PL.14759	PL.14758	B	4ACSR	14.96Y	124.7	0.00	1.33	0.48	0	7	2	96	0.00	0.0	2.810	0.007	0	0	0	1
PD.1722	PL.14759	B	fuse6AMP	14.96Y	124.7	0.00	1.33	0.48	8	7	2	96	0.00	0.0	2.810	0.000	0	0	0	1
PL.14760	PD.1722	B	4ACSR	14.96Y	124.7	0.00	1.33	0.48	0	7	2	96	0.00	0.0	2.900	0.090	0	0	0	1
481855	PL.14760	B	Consumer	14.96Y	124.7	0.00	1.33	0.48	0	7	2	96	0.00	0.0	2.900	0.000	7	2	1	1
481861	PL.14758	B	Consumer	14.96Y	124.7	0.00	1.33	0.26	0	4	1	97	0.00	0.0	2.802	0.000	4	1	1	1
PL.15768	PL.45192	B	4ACSR	14.97Y	124.8	0.00	1.23	1.38	1	19	7	94	0.00	0.0	2.660	0.009	0	0	0	4
PD.1717	PL.15768	B	fuse6AMP	14.97Y	124.8	0.00	1.23	1.38	23	19	7	94	0.00	0.0	2.660	0.000	0	0	0	4
PL.15769	PD.1717	B	4ACSR	14.97Y	124.8	0.00	1.23	0.72	1	10	4	93	0.00	0.0	2.716	0.056	0	0	0	2
PL.7086	PL.15769	B	4/0ACSR	14.97Y	124.8	0.00	1.23	0.72	0	10	4	93	0.00	0.0	2.716	0.000	0	0	0	2
481849	PL.7086	B	Consumer	14.97Y	124.8	0.00	1.23	0.36	0	5	2	93	0.00	0.0	2.716	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
481809	PL.7086	B	Consumer	14.97Y	124.8	0.00	1.23	0.36	0	5	2	93	0.00	0.0	2.716	0.000	5	2	1	1
481848	PL.7086	B	Consumer	14.97Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	2.716	0.000	0	0	0	0
PL.42927	PD.1717	B	4ACSR	14.97Y	124.8	0.00	1.23	0.66	1	9	3	95	0.00	0.0	2.717	0.057	0	0	0	2
481837	PL.42927	B	Consumer	14.97Y	124.8	0.00	1.23	0.65	0	9	3	95	0.00	0.0	2.717	0.000	9	3	1	1
481878	PL.42927	B	Consumer	14.97Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	2.717	0.000	0	0	1	1
PL.39716	PL.39712	B	2ACSR	14.98Y	124.8	0.00	1.17	0.00	0	0	0	100	0.00	0.0	2.533	0.005	0	0	0	0
PL.39715	PL.39703	A	2ACSR	15.06Y	125.5	0.00	0.47	2.94	2	42	15	94	0.00	0.0	2.535	0.011	0	0	0	8
PD.7019	PL.39715	A	fuse6AMP	15.06Y	125.5	0.00	0.47	2.94	50	42	15	94	0.00	0.0	2.535	0.000	0	0	0	8
PL.39714	PD.7019	A	2ACSR	15.06Y	125.5	0.00	0.47	2.94	2	42	15	94	0.00	0.0	2.633	0.098	0	0	0	8
481824	PL.39714	A	Consumer	15.06Y	125.5	0.00	0.47	0.34	0	5	2	93	0.00	0.0	2.633	0.000	5	2	1	1
481806	PL.39714	A	Consumer	15.06Y	125.5	0.00	0.47	0.20	0	3	1	95	0.00	0.0	2.633	0.000	3	1	1	1
PL.18529	PL.39714	A	4ACSR	15.06Y	125.5	0.00	0.47	2.40	2	34	12	94	0.00	0.0	2.646	0.013	0	0	0	6
PL.18528	PL.18529	A	4ACSR	15.06Y	125.5	0.00	0.48	2.40	2	34	12	94	0.00	0.0	2.713	0.066	0	0	0	6
PL.14750	PL.18528	A	4ACSR	15.06Y	125.5	0.00	0.48	1.91	2	27	10	94	0.00	0.0	2.785	0.072	0	0	0	3
PL.2632	PL.14750	A	4ACSR	15.06Y	125.5	0.00	0.48	0.43	0	6	2	95	0.00	0.0	2.898	0.113	0	0	0	1
481709	PL.2632	A	Consumer	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	2.898	0.000	0	0	0	0
481733	PL.2632	A	Consumer	15.06Y	125.5	0.00	0.48	0.43	0	6	2	95	0.00	0.0	2.898	0.000	6	2	1	1
PL.2862	PL.2632	A	4ACSR	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	2.900	0.003	0	0	0	0
PL.15147	PL.14750	A	4ACSR	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	2.790	0.005	0	0	0	0
PD.437-B	PL.15147	A	Open	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	2.790	0.000	0	0	0	0
PL.2631	PL.14750	A	4ACSR	15.06Y	125.5	0.00	0.48	1.48	1	21	8	93	0.00	0.0	2.901	0.116	0	0	0	2
481823	PL.2631	A	Consumer	15.06Y	125.5	0.00	0.48	0.62	0	9	3	95	0.00	0.0	2.901	0.000	9	3	1	1
PL.3172	PL.2631	A	4ACSR	15.06Y	125.5	0.00	0.49	0.86	1	12	4	95	0.00	0.0	2.972	0.072	0	0	0	1
480812	PL.3172	A	Consumer	15.06Y	125.5	0.00	0.49	0.86	0	12	4	95	0.00	0.0	2.972	0.000	12	4	1	1
481856	PL.18528	A	Consumer	15.06Y	125.5	0.00	0.48	0.18	0	3	1	95	0.00	0.0	2.713	0.000	3	1	1	1
481844	PL.18528	A	Consumer	15.06Y	125.5	0.00	0.48	0.06	0	1	0	100	0.00	0.0	2.713	0.000	1	0	1	1
481834	PL.18528	A	Consumer	15.06Y	125.5	0.00	0.48	0.25	0	3	1	95	0.00	0.0	2.713	0.000	3	1	1	1
PL.39708	PL.39697	A	2ACSR	15.07Y	125.6	0.00	0.42	0.48	0	7	2	96	0.00	0.0	2.081	0.004	0	0	0	2
PD.7015	PL.39708	A	fuse6AMP	15.07Y	125.6	0.00	0.42	0.48	8	7	2	96	0.00	0.0	2.081	0.000	0	0	0	2
PL.39709	PD.7015	A	2ACSR	15.07Y	125.6	0.00	0.42	0.48	0	7	2	96	0.00	0.0	2.145	0.064	0	0	0	2
481718	PL.39709	A	Consumer	15.07Y	125.6	0.00	0.42	0.48	0	7	2	96	0.00	0.0	2.145	0.000	7	2	1	1
481722	PL.39709	A	Consumer	15.07Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	2.145	0.000	0	0	1	1
481724	PL.26530	C	Consumer	15.09Y	125.8	0.00	0.22	0.17	0	2	1	89	0.00	0.0	1.664	0.000	2	1	1	1
481703	PL.26748	C	Consumer	15.09Y	125.8	0.00	0.21	0.19	0	3	1	95	0.00	0.0	1.165	0.000	3	1	1	1
481725	PL.26748	A	Consumer	15.08Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	1.165	0.000	0	0	1	1
481726	PL.26746	B	Consumer	15.04Y	125.3	0.00	0.67	0.22	0	3	1	95	0.00	0.0	0.954	0.000	3	1	1	1
PL.15757	PL.26744	B	4ACSR	15.04Y	125.3	0.00	0.67	0.27	0	4	1	97	0.00	0.0	0.949	0.013	0	0	0	1
PD.1695	PL.15757	B	fuse6AMP	15.04Y	125.3	0.00	0.67	0.27	5	4	1	97	0.00	0.0	0.949	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: SIDEVIEW

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	% Loss	% Loss							
PL.45689	PD.1695	B	4ACSR	15.04Y	125.3	0.00	0.67	0.27	0	4	1	97	0.00	0.0	0.970	0.021	0	0	0	1
PL.45690	PL.45689	B	4ACSR	15.04Y	125.3	0.00	0.67	0.27	0	4	1	97	0.00	0.0	1.002	0.032	0	0	0	1
481732	PL.45690	B	Consumer	15.04Y	125.3	0.00	0.67	0.27	0	4	1	97	0.00	0.0	1.002	0.000	4	1	1	1
481701	PL.45690	B	Consumer	15.04Y	125.3	0.00	0.67	0.00	0	0	0	100	0.00	0.0	1.002	0.000	0	0	0	0
4816057	PL.45689	B	Consumer	15.04Y	125.3	0.00	0.67	0.00	0	0	0	100	0.00	0.0	0.970	0.000	0	0	0	0
4816058	PL.45689	B	Consumer	15.04Y	125.3	0.00	0.67	0.00	0	0	0	100	0.00	0.0	0.970	0.000	0	0	0	0
4816053	PL.26744	A	Consumer	15.09Y	125.7	0.00	0.28	0.24	0	3	1	95	0.00	0.0	0.937	0.000	3	1	1	1
PL.26527	PL.14627	A	4ACSR	15.09Y	125.7	0.00	0.26	0.88	1	13	5	93	0.00	0.0	0.833	0.003	0	0	0	3
PD.1696	PL.26527	A	fuse6AMP	15.09Y	125.7	0.00	0.26	0.88	15	13	5	93	0.00	0.0	0.833	0.000	0	0	0	3
PL.26528	PD.1696	A	4ACSR	15.09Y	125.7	0.00	0.27	0.88	1	13	5	93	0.00	0.0	0.896	0.063	0	0	0	3
481633	PL.26528	A	Consumer	15.09Y	125.7	0.00	0.27	0.37	0	5	2	93	0.00	0.0	0.896	0.000	5	2	1	1
481632	PL.26528	A	Consumer	15.09Y	125.7	0.00	0.27	0.51	0	7	3	92	0.00	0.0	0.896	0.000	7	3	1	1
481637	PL.26528	A	Consumer	15.09Y	125.7	0.00	0.27	0.01	0	0	0	100	0.00	0.0	0.896	0.000	0	0	1	1
481613	PL.19589	B	Consumer	15.05Y	125.4	0.00	0.58	0.52	0	7	3	92	0.00	0.0	0.697	0.000	7	3	1	1
481618	PL.19589	B	Consumer	15.05Y	125.4	0.00	0.58	0.26	0	4	1	97	0.00	0.0	0.697	0.000	4	1	1	1
PL.39159	PL.19589	A	2ACSR	15.09Y	125.8	0.00	0.25	0.35	0	5	2	93	0.00	0.0	0.748	0.051	0	0	0	1
4816052	PL.39159	A	Consumer	15.09Y	125.8	0.00	0.25	0.35	0	5	2	93	0.00	0.0	0.748	0.000	5	2	1	1
481627	PL.22472	A	Consumer	15.10Y	125.8	0.00	0.20	0.05	0	1	0	100	0.00	0.0	0.391	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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	6851	0	0	0	0	0	188		0.00	7039
KVAR	2403	0	0	-34	0	0	188			2557

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 117.70 volts on PL.14338	8.30 volts on PL.14338	0.44 volts on PL.7140
B-Phase -> 114.83 volts on PL.6421	11.17 volts on PL.6421	0.81 volts on PL.25549
C-Phase -> 116.94 volts on PL.11234	9.06 volts on PL.11234	0.72 volts on PL.41479

Unbalanced Voltage Drop Report
Source: STANTON

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 (STANTON3) Beginning with Device PD.3915.

Unbalanced Voltage Drop Report
Source: STANTON

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.17320	PL.13262	A	4ACSR	7.55Y	125.9	0.00	0.09	0.00	0	0	0	100	0.00	0.0	0.244	0.006	0	0	0	0	
PD.3224	PL.17320	A	fuse6AMP	7.55Y	125.9	0.00	0.09	0.00	0	0	0	100	0.00	0.0	0.244	0.000	0	0	0	0	
PL.17321	PD.3224	A	4ACSR	7.55Y	125.9	0.00	0.09	0.00	0	0	0	100	0.00	0.0	0.327	0.083	0	0	0	0	
072810	PL.17321	A	Consumer	7.55Y	125.9	0.00	0.09	0.00	0	0	0	100	0.00	0.0	0.327	0.000	0	0	0	0	
PL.13263	PL.13262	A	397ACSR	7.55Y	125.9	0.02	0.11	106.96	22	767	254	95	0.38	0.0	0.267	0.029	0	0	0	111	
		B		7.54Y	125.6	0.04	0.36	148.43	30	1050	387	94					0	0	0	208	
		C		7.54Y	125.7	0.03	0.34	147.55	30	1038	400	93					0	0	0	172	
PL.17318	PL.13263	C	4ACSR	7.54Y	125.7	0.00	0.34	0.00	0	0	0	100	0.00	0.0	0.273	0.005	0	0	0	0	
PD.3230	PL.17318	C	fuse6AMP	7.54Y	125.7	0.00	0.34	0.00	0	0	0	100	0.00	0.0	0.273	0.000	0	0	0	0	
PL.17319	PD.3230	C	4ACSR	7.54Y	125.7	0.00	0.34	0.00	0	0	0	100	0.00	0.0	0.359	0.087	0	0	0	0	
PL.13264	PL.13263	A	397ACSR	7.55Y	125.9	0.03	0.14	106.96	22	767	254	95	0.71	0.0	0.322	0.055	0	0	0	111	
		B		7.53Y	125.6	0.07	0.43	148.43	30	1050	386	94					0	0	0	208	
		C		7.54Y	125.6	0.06	0.40	147.55	30	1038	400	93					0	0	0	172	
PL.7890	PL.13264	A	397ACSR	7.55Y	125.9	0.01	0.15	106.96	22	767	254	95	0.20	0.0	0.338	0.015	0	0	0	111	
		B		7.53Y	125.5	0.02	0.45	148.43	30	1050	385	94					0	0	0	208	
		C		7.54Y	125.6	0.02	0.41	147.55	30	1038	399	93					0	0	0	172	
072707	PL.7890	C	Consumer	7.54Y	125.6	0.00	0.41	0.56	0	4	2	89	0.00	0.0	0.338	0.000	4	2	1	1	
PL.7891	PL.7890	A	397ACSR	7.54Y	125.7	0.19	0.34	106.96	22	767	254	95	4.39	0.2	0.678	0.340	0	0	0	111	
		B		7.51Y	125.1	0.46	0.91	148.43	30	1050	385	94					0	0	0	208	
		C		7.51Y	125.2	0.34	0.75	146.99	30	1034	397	93					0	0	0	171	
PL.385	PL.7891	A	397ACSR	7.53Y	125.6	0.08	0.42	106.96	22	766	252	95	1.79	0.1	0.816	0.138	0	0	0	111	
		B		7.49Y	124.9	0.18	1.09	148.43	30	1047	380	94					0	0	0	208	
		C		7.51Y	125.1	0.14	0.89	146.99	30	1033	392	94					0	0	0	171	
PD.3238-A	PL.385	A	Closed	7.53Y	125.6	0.00	0.42	106.96	0	766	251	95	0.00	0.0	0.816	0.000	0	0	0	111	
		B		7.49Y	124.9	0.00	1.09	148.43	0	1046	378	94					0	0	0	208	
		C		7.51Y	125.1	0.00	0.89	146.99	0	1032	389	94					0	0	0	171	
PD.3238-B	PD.3238-A	A	Closed	7.53Y	125.6	0.00	0.42	106.96	0	766	251	95	0.00	0.0	0.816	0.000	0	0	0	111	
		B		7.49Y	124.9	0.00	1.09	148.43	0	1046	378	94					0	0	0	208	
		C		7.51Y	125.1	0.00	0.89	146.99	0	1032	389	94					0	0	0	171	
PL.17293	PD.3238-B	A	1/0ACSR	7.53Y	125.6	0.01	0.42	80.77	40	564	229	93	0.18	0.0	0.822	0.006	0	0	0	91	
		B		7.49Y	124.9	0.01	1.11	121.90	61	842	354	92					0	0	0	189 C	
		C		7.51Y	125.1	0.01	0.90	123.56	61	848	375	91					0	0	0	162 C	
PL.17296	PL.17293	A	1/0ACSR	7.53Y	125.6	0.01	0.43	80.77	40	564	229	93	0.18	0.0	0.827	0.006	0	0	0	91	
		B		7.49Y	124.9	0.01	1.12	121.90	61	842	354	92					0	0	0	189 C	
		C		7.51Y	125.1	0.01	0.92	123.56	61	848	375	91					0	0	0	162 C	
PL.18604	PL.17296	A	1/0ACSR	7.53Y	125.5	0.08	0.51	80.77	40	564	229	93	2.16	0.1	0.895	0.068	0	0	0	91	
		B		7.48Y	124.7	0.18	1.30	121.90	61	842	354	92					0	0	0	189 C	
		C		7.50Y	124.9	0.15	1.07	123.56	61	848	375	91					0	0	0	162 C	
PD.207-A	PL.18604	A	Closed	7.53Y	125.5	0.00	0.51	80.77	0	564	228	93	0.00	0.0	0.895	0.000	0	0	0	91	
		B		7.48Y	124.7	0.00	1.30	121.90	0	841	353	92					0	0	0	189	
		C		7.50Y	124.9	0.00	1.07	123.56	0	847	374	91					0	0	0	162	
PD.207-B	PD.207-A	A	Closed	7.53Y	125.5	0.00	0.51	80.77	0	564	228	93	0.00	0.0	0.895	0.000	0	0	0	91	
		B		7.48Y	124.7	0.00	1.30	121.90	0	841	353	92					0	0	0	189	
		C		7.50Y	124.9	0.00	1.07	123.56	0	847	374	91					0	0	0	162	
PL.18605	PD.207-B	A	1/0ACSR	7.53Y	125.4	0.05	0.56	80.77	40	564	228	93	1.24	0.1	0.934	0.039	0	0	0	91	
		B		7.48Y	124.6	0.10	1.41	121.90	61	841	353	92					0	0	0	189 C	
		C		7.49Y	124.8	0.09	1.16	123.56	61	847	374	91					0	0	0	162 C	
PL.18602	PL.18605	A	1/0ACSR	7.52Y	125.4	0.03	0.59	76.35	38	533	215	93	0.95	0.0	0.964	0.030	0	0	0	84	
		B		7.47Y	124.5	0.08	1.49	121.90	61	840	353	92					0	0	0	189 C	
		C		7.49Y	124.8	0.07	1.23	123.56	61	847	373	91					0	0	0	162 C	
PD.3633	PL.18602	A	VWVE	7.52Y	125.4	0.00	0.59	76.35	0	533	215	93	0.00	0.0	0.964	0.000	0	0	0	84	
		B		7.47Y	124.5	0.00	1.49	121.90	0	840	352	92					0	0	0	189	
		C		7.49Y	124.8	0.00	1.23	123.56	0	847	373	92					0	0	0	162	

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: STANTON

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.18603, PL.8096, PL.8097, 073704, PL.8098, PL.18600, PD.3632, PL.18601, PL.17300, C.PD.3246, PL.17301, PL.8092, PL.4625, 073814, 073809, 073712, 073716, 073714, PL.17302, PD.3245, PL.17303, 073710, 073741, 073706, PL.13271, PL.32987, PL.45814, 0737047, PL.45815.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.43965	PL.45815	C	2ACSR	7.46Y	124.3	0.00	1.74	0.03	0	0	0	100	0.00	0.0	1.551	0.175	0	0	0	1
0737046	PL.43965	C	Consumer	7.46Y	124.3	0.00	1.74	0.03	0	0	0	100	0.00	0.0	1.551	0.000	0	0	1	1
0737045	PL.32987	C	Consumer	7.46Y	124.3	0.00	1.74	0.85	0	6	3	89	0.00	0.0	1.220	0.000	6	3	1	1
PL.8093	PL.13271	B	4ACSR	7.43Y	123.8	0.13	2.24	48.49	41	331	144	92	0.33	0.1	1.251	0.059	0	0	0	98
073733	PL.8093	B	Consumer	7.43Y	123.8	0.00	2.24	0.51	0	3	1	95	0.00	0.0	1.251	0.000	3	1	1	1
073708	PL.8093	B	Consumer	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	1.251	0.000	0	0	0	0
PL.8094	PL.8093	B	4ACSR	7.42Y	123.7	0.10	2.33	47.99	40	327	142	92	0.24	0.1	1.295	0.043	0	0	0	96
PL.13272	PL.8094	B	4ACSR	7.42Y	123.6	0.06	2.39	47.99	40	326	142	92	0.15	0.0	1.321	0.027	0	0	0	96
073802	PL.13272	B	Consumer	7.42Y	123.6	0.00	2.39	0.35	0	2	1	89	0.00	0.0	1.321	0.000	2	1	1	1
073825	PL.13272	B	Consumer	7.42Y	123.6	0.00	2.39	0.11	0	1	0	100	0.00	0.0	1.321	0.000	1	0	1	1
PL.13273	PL.13272	B	4ACSR	7.40Y	123.3	0.26	2.66	47.53	40	323	141	92	0.65	0.2	1.441	0.120	0	0	0	94
PL.20021	PL.13273	B	4ACSR	7.40Y	123.3	0.01	2.67	47.53	40	323	140	92	0.03	0.0	1.447	0.006	0	0	0	94
PD.3634	PL.20021	B	70V4E	7.40Y	123.3	0.00	2.67	47.53	68	323	140	92	0.00	0.0	1.447	0.000	0	0	0	94
PL.20119	PD.3634	B	4ACSR	7.39Y	123.1	0.25	2.91	47.53	40	323	140	92	0.60	0.2	1.559	0.112	0	0	0	94
PL.17289	PL.20119	B	4ACSR	7.39Y	123.1	0.00	2.91	1.14	1	8	3	94	0.00	0.0	1.585	0.027	0	0	0	3
PD.3249	PL.17289	B	fuse8AMP	7.39Y	123.1	0.00	2.91	1.14	16	8	3	94	0.00	0.0	1.585	0.000	0	0	0	3
PL.17290	PD.3249	B	4ACSR	7.38Y	123.1	0.01	2.92	1.14	1	8	3	94	0.00	0.0	1.708	0.123	0	0	0	3
073805	PL.17290	B	Consumer	7.38Y	123.1	0.00	2.92	0.37	0	2	1	89	0.00	0.0	1.708	0.000	2	1	1	1
073815	PL.17290	B	Consumer	7.38Y	123.1	0.00	2.92	0.62	0	4	2	89	0.00	0.0	1.708	0.000	4	2	1	1
073803	PL.17290	B	Consumer	7.38Y	123.1	0.00	2.92	0.15	0	1	0	100	0.00	0.0	1.708	0.000	1	0	1	1
PL.43112	PL.20119	B	4ACSR	7.38Y	122.9	0.16	3.08	46.40	39	314	137	92	0.39	0.1	1.634	0.076	0	0	0	91
PL.3778	PL.43112	B	4ACSR	7.36Y	122.7	0.26	3.34	44.86	38	303	132	92	0.61	0.2	1.762	0.128	0	0	0	88
PL.17332	PL.3778	B	4ACSR	7.36Y	122.7	0.00	3.34	0.19	0	1	1	71	0.00	0.0	1.781	0.019	0	0	0	2
PD.3251	PL.17332	B	fuse6AMP	7.36Y	122.7	0.00	3.34	0.19	3	1	1	71	0.00	0.0	1.781	0.000	0	0	0	2
PL.17333	PD.3251	B	4ACSR	7.36Y	122.7	0.00	3.34	0.19	0	1	1	71	0.00	0.0	1.847	0.066	0	0	0	2
PL.4624	PL.17333	B	4ACSR	7.36Y	122.7	0.00	3.34	0.19	0	1	1	71	0.00	0.0	1.859	0.011	0	0	0	2
PL.3777	PL.4624	B	4ACSR	7.36Y	122.7	0.00	3.34	0.19	0	1	1	71	0.00	0.0	1.970	0.111	0	0	0	2
619201	PL.3777	B	Consumer	7.36Y	122.7	0.00	3.34	0.19	0	1	1	71	0.00	0.0	1.970	0.000	1	1	1	1
619202	PL.3777	B	Consumer	7.36Y	122.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	1.970	0.000	0	0	1	1
PL.13280	PL.3778	B	4ACSR	7.35Y	122.5	0.19	3.53	43.90	37	296	129	92	0.43	0.1	1.855	0.093	0	0	0	85
PL.17334	PL.13280	B	4ACSR	7.35Y	122.5	0.00	3.53	0.48	0	3	1	95	0.00	0.0	1.861	0.005	0	0	0	1
PD.3252	PL.17334	B	fuse6AMP	7.35Y	122.5	0.00	3.53	0.48	8	3	1	95	0.00	0.0	1.861	0.000	0	0	0	1
PL.17335	PD.3252	B	4ACSR	7.35Y	122.5	0.00	3.53	0.48	0	3	1	95	0.00	0.0	1.936	0.075	0	0	0	1
074840	PL.17335	B	Consumer	7.35Y	122.5	0.00	3.53	0.48	0	3	1	95	0.00	0.0	1.936	0.000	3	1	1	1
PL.13281	PL.13280	B	4ACSR	7.35Y	122.4	0.05	3.58	43.42	36	293	127	92	0.12	0.0	1.882	0.027	0	0	0	84
PL.17338	PL.13281	B	4ACSR	7.35Y	122.4	0.00	3.58	3.21	3	22	9	93	0.00	0.0	1.887	0.005	0	0	0	5
PD.3254	PL.17338	B	fuse6AMP	7.35Y	122.4	0.00	3.58	3.21	55	22	9	93	0.00	0.0	1.887	0.000	0	0	0	5
PL.17339	PD.3254	B	4ACSR	7.34Y	122.4	0.01	3.59	3.21	3	22	9	93	0.00	0.0	1.964	0.077	0	0	0	5

Unbalanced Voltage Drop Report
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Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
074866	PL.17339	B	Consumer	7.34Y	122.4	0.00	3.59	0.58	0	4	2	89	0.00	0.0	1.964	0.000	4	2	1	1
074801	PL.17339	B	Consumer	7.34Y	122.4	0.00	3.59	0.78	0	5	2	93	0.00	0.0	1.964	0.000	5	2	1	1
074818	PL.17339	B	Consumer	7.34Y	122.4	0.00	3.59	0.59	0	4	2	89	0.00	0.0	1.964	0.000	4	2	1	1
PL.4620	PL.17339	B	4ACSR	7.34Y	122.4	0.00	3.60	1.26	1	8	4	89	0.00	0.0	2.035	0.071	0	0	0	2
PL.4612	PL.4620	B	4ACSR	7.34Y	122.4	0.00	3.60	0.61	1	4	2	89	0.00	0.0	2.140	0.105	0	0	0	1
074859	PL.4612	B	Consumer	7.34Y	122.4	0.00	3.60	0.61	0	4	2	89	0.00	0.0	2.140	0.000	4	2	1	1
074861	PL.4620	B	Consumer	7.34Y	122.4	0.00	3.60	0.65	0	4	2	89	0.00	0.0	2.035	0.000	4	2	1	1
PL.17336	PL.13281	B	4ACSR	7.35Y	122.4	0.00	3.58	0.93	1	6	3	89	0.00	0.0	1.887	0.005	0	0	0	2
PD.3253	PL.17336	B	fuse6AMP	7.35Y	122.4	0.00	3.58	0.93	16	6	3	89	0.00	0.0	1.887	0.000	0	0	0	2
PL.17337	PD.3253	B	4ACSR	7.34Y	122.4	0.00	3.58	0.93	1	6	3	89	0.00	0.0	1.955	0.068	0	0	0	2
074875	PL.17337	B	Consumer	7.34Y	122.4	0.00	3.58	0.71	0	5	2	93	0.00	0.0	1.955	0.000	5	2	1	1
074855	PL.17337	B	Consumer	7.34Y	122.4	0.00	3.58	0.22	0	1	1	71	0.00	0.0	1.955	0.000	1	1	1	1
PL.13282	PL.13281	B	4ACSR	7.34Y	122.3	0.10	3.68	39.28	33	265	115	92	0.20	0.1	1.936	0.054	0	0	0	77
PL.13283	PL.13282	B	4ACSR	7.34Y	122.3	0.07	3.74	36.62	31	247	107	92	0.13	0.1	1.975	0.039	0	0	0	71
PL.37177	PL.13283	B	4ACSR	7.32Y	122.1	0.19	3.94	36.25	30	244	106	92	0.36	0.1	2.090	0.115	0	0	0	70
0748084	PL.37177	B	Consumer	7.32Y	122.1	0.00	3.94	0.04	0	0	0	100	0.00	0.0	2.090	0.000	0	0	1	1
PL.37178	PL.37177	B	4ACSR	7.32Y	122.0	0.05	3.99	36.21	30	243	105	92	0.10	0.0	2.122	0.032	0	0	0	69
PL.8118	PL.37178	B	4ACSR	7.32Y	122.0	0.03	4.02	36.21	30	243	105	92	0.06	0.0	2.141	0.020	0	0	0	69
PD.3781-A	PL.8118	B	Closed	7.32Y	122.0	0.00	4.02	36.21	0	243	105	92	0.00	0.0	2.141	0.000	0	0	0	69
PD.3781-B	PD.3781-A	B	Closed	7.32Y	122.0	0.00	4.02	36.21	0	243	105	92	0.00	0.0	2.141	0.000	0	0	0	69
074870	PD.3781-B	B	Consumer	7.32Y	122.0	0.00	4.02	0.63	0	4	2	89	0.00	0.0	2.141	0.000	4	2	1	1
PL.17343	PD.3781-B	B	4ACSR	7.32Y	122.0	0.00	4.02	1.05	1	7	3	92	0.00	0.0	2.147	0.005	0	0	0	1
PD.3247	PL.17343	B	fuse6AMP	7.32Y	122.0	0.00	4.02	1.05	18	7	3	92	0.00	0.0	2.147	0.000	0	0	0	1
PL.17344	PD.3247	B	4ACSR	7.32Y	122.0	0.00	4.03	1.05	1	7	3	92	0.00	0.0	2.239	0.093	0	0	0	1
074837	PL.17344	B	Consumer	7.32Y	122.0	0.00	4.03	1.05	0	7	3	92	0.00	0.0	2.239	0.000	7	3	1	1
PL.20431	PD.3781-B	B	4ACSR	7.32Y	122.0	0.00	4.03	10.18	9	68	30	91	0.00	0.0	2.151	0.010	0	0	0	24
PD.3636	PL.20431	B	35V4E	7.32Y	122.0	0.00	4.03	10.18	29	68	30	91	0.00	0.0	2.151	0.000	0	0	0	24
PL.20432	PD.3636	B	4ACSR	7.31Y	121.9	0.09	4.12	10.18	9	68	30	91	0.05	0.1	2.353	0.202	0	0	0	24
PL.39322	PL.20432	B	4ACSR	7.31Y	121.9	0.00	4.12	3.12	3	21	9	92	0.00	0.0	2.357	0.004	0	0	0	6
PD.6913-A	PL.39322	B	Closed	7.31Y	121.9	0.00	4.12	3.12	0	21	9	92	0.00	0.0	2.357	0.000	0	0	0	6
PD.6913-B	PD.6913-A	B	Closed	7.31Y	121.9	0.00	4.12	3.12	0	21	9	92	0.00	0.0	2.357	0.000	0	0	0	6
PL.39323	PD.6913-B	B	4ACSR	7.31Y	121.9	0.01	4.13	3.12	3	21	9	92	0.00	0.0	2.419	0.062	0	0	0	6
PL.4616	PL.39323	B	4ACSR	7.31Y	121.9	0.01	4.14	2.96	2	20	9	91	0.00	0.0	2.498	0.080	0	0	0	5
074863	PL.4616	B	Consumer	7.31Y	121.9	0.00	4.14	0.12	0	1	0	100	0.00	0.0	2.498	0.000	1	0	1	1
074835	PL.4616	B	Consumer	7.31Y	121.9	0.00	4.14	1.12	0	8	3	94	0.00	0.0	2.498	0.000	8	3	1	1
PL.8109	PL.4616	B	4ACSR	7.31Y	121.9	0.00	4.15	1.72	1	12	5	92	0.00	0.0	2.561	0.063	0	0	0	3
074857	PL.8109	B	Consumer	7.31Y	121.9	0.00	4.15	0.00	0	0	0	100	0.00	0.0	2.561	0.000	0	0	0	0
074847	PL.8109	B	Consumer	7.31Y	121.9	0.00	4.15	0.00	0	0	0	100	0.00	0.0	2.561	0.000	0	0	0	0

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -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							
074856	PL.8109	B	Consumer	7.31Y	121.9	0.00	4.15	0.00	0	0	0	100	0.00	0.0	2.561	0.000	0	0	0	0
074848	PL.8109	B	Consumer	7.31Y	121.9	0.00	4.15	0.00	0	0	0	100	0.00	0.0	2.561	0.000	0	0	0	0
074854	PL.8109	B	Consumer	7.31Y	121.9	0.00	4.15	0.02	0	0	0	100	0.00	0.0	2.561	0.000	0	0	1	1
074873	PL.8109	B	Consumer	7.31Y	121.9	0.00	4.15	0.20	0	1	1	71	0.00	0.0	2.561	0.000	1	1	1	1
PL.17340	PL.8109	B	4ACSR	7.31Y	121.8	0.01	4.15	1.50	1	10	4	93	0.00	0.0	2.639	0.078	0	0	0	1
PL.17341	PL.17340	B	4ACSR	7.31Y	121.8	0.00	4.15	1.50	1	10	4	93	0.00	0.0	2.645	0.006	0	0	0	1
PD.3265	PL.17341	B	fuse6AMP	7.31Y	121.8	0.00	4.15	1.50	26	10	4	93	0.00	0.0	2.645	0.000	0	0	0	1
PL.17342	PD.3265	B	4ACSR	7.31Y	121.8	0.01	4.16	1.50	1	10	4	93	0.00	0.0	2.787	0.142	0	0	0	1
PL.4630	PL.17342	B	4ACSR	7.31Y	121.8	0.00	4.16	0.00	0	0	0	100	0.00	0.0	2.818	0.031	0	0	0	0
PL.13503	PL.17342	B	4ACSR	7.31Y	121.8	0.00	4.17	1.50	1	10	4	93	0.00	0.0	2.828	0.041	0	0	0	1
PL.4631	PL.13503	B	4ACSR	7.31Y	121.8	0.00	4.17	0.00	0	0	0	100	0.00	0.0	2.901	0.073	0	0	0	0
PL.13504	PL.13503	B	4ACSR	7.31Y	121.8	0.01	4.18	1.50	1	10	4	93	0.00	0.0	3.030	0.202	0	0	0	1
073827	PL.13504	B	Consumer	7.31Y	121.8	0.00	4.18	1.50	0	10	4	93	0.00	0.0	3.030	0.000	10	4	1	1
PL.4613	PL.39323	B	4ACSR	7.31Y	121.9	0.00	4.13	0.16	0	1	0	100	0.00	0.0	2.458	0.040	0	0	0	1
074871	PL.4613	B	Consumer	7.31Y	121.9	0.00	4.13	0.16	0	1	0	100	0.00	0.0	2.458	0.000	1	0	1	1
PL.13502	PL.20432	B	4ACSR	7.31Y	121.9	0.01	4.14	7.06	6	47	20	92	0.01	0.0	2.398	0.045	0	0	0	18
PL.39324	PL.13502	B	4ACSR	7.31Y	121.9	0.00	4.14	0.87	1	6	3	89	0.00	0.0	2.404	0.006	0	0	0	1
PD.6906	PL.39324	B	fuse6AMP	7.31Y	121.9	0.00	4.14	0.87	15	6	3	89	0.00	0.0	2.404	0.000	0	0	0	1
PL.39325	PD.6906	B	4ACSR	7.31Y	121.9	0.00	4.14	0.87	1	6	3	89	0.00	0.0	2.453	0.049	0	0	0	1
074808	PL.39325	B	Consumer	7.31Y	121.9	0.00	4.14	0.87	0	6	3	89	0.00	0.0	2.453	0.000	6	3	1	1
PL.39326	PL.13502	B	4ACSR	7.31Y	121.9	0.00	4.14	1.02	1	7	3	92	0.00	0.0	2.402	0.004	0	0	0	3
PD.6907	PL.39326	B	fuse6AMP	7.31Y	121.9	0.00	4.14	1.02	17	7	3	92	0.00	0.0	2.402	0.000	0	0	0	3
PL.39327	PD.6907	B	4ACSR	7.31Y	121.9	0.00	4.14	1.02	1	7	3	92	0.00	0.0	2.452	0.050	0	0	0	3
074846	PL.39327	B	Consumer	7.31Y	121.9	0.00	4.14	0.54	0	4	2	89	0.00	0.0	2.452	0.000	4	2	1	1
PL.20279	PL.39327	B	4ACSR	7.31Y	121.9	0.00	4.14	0.48	0	3	1	95	0.00	0.0	2.483	0.031	0	0	0	2
074844	PL.20279	B	Consumer	7.31Y	121.9	0.00	4.14	0.04	0	0	0	100	0.00	0.0	2.483	0.000	0	0	1	1
074876	PL.20279	B	Consumer	7.31Y	121.9	0.00	4.14	0.44	0	3	1	95	0.00	0.0	2.483	0.000	3	1	1	1
074865	PL.13502	B	Consumer	7.31Y	121.9	0.00	4.14	0.00	0	0	0	100	0.00	0.0	2.398	0.000	0	0	1	1
PL.13505	PL.13502	B	4ACSR	7.31Y	121.8	0.02	4.16	5.17	4	35	15	92	0.01	0.0	2.500	0.101	0	0	0	13
PL.39328	PL.13505	B	4ACSR	7.31Y	121.8	0.00	4.16	0.70	1	5	2	93	0.00	0.0	2.506	0.007	0	0	0	1
PD.6908	PL.39328	B	fuse6AMP	7.31Y	121.8	0.00	4.16	0.70	12	5	2	93	0.00	0.0	2.506	0.000	0	0	0	1
PL.39329	PD.6908	B	4ACSR	7.31Y	121.8	0.00	4.17	0.70	1	5	2	93	0.00	0.0	2.604	0.098	0	0	0	1
074829	PL.39329	B	Consumer	7.31Y	121.8	0.00	4.17	0.70	0	5	2	93	0.00	0.0	2.604	0.000	5	2	1	1
PL.13506	PL.13505	B	4ACSR	7.31Y	121.8	0.00	4.17	3.87	3	26	11	92	0.00	0.0	2.523	0.024	0	0	0	11
074864	PL.13506	B	Consumer	7.31Y	121.8	0.00	4.17	0.92	0	6	3	89	0.00	0.0	2.523	0.000	6	3	1	1
PL.13507	PL.13506	B	4ACSR	7.31Y	121.8	0.00	4.17	2.95	2	20	9	91	0.00	0.0	2.556	0.032	0	0	0	10
PL.8111	PL.13507	B	4ACSR	7.31Y	121.8	0.01	4.18	2.35	2	16	7	92	0.00	0.0	2.659	0.103	0	0	0	9
PL.8110	PL.8111	B	4ACSR	7.31Y	121.8	0.02	4.20	1.94	2	13	6	91	0.00	0.0	2.855	0.196	0	0	0	7

Unbalanced Voltage Drop Report
Source: STANTON

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: STANTON

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: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.25255	PD.3782	B	4ACSR	7.28Y	121.4	0.00	4.64	0.70	1	5	2	93	0.00	0.0	2.997	0.068	0	0	0	2
PL.25256	PL.25255	B	4ACSR	7.28Y	121.4	0.00	4.64	0.00	0	0	0	100	0.00	0.0	2.997	0.000	0	0	0	0
075809	PL.25255	B	Consumer	7.28Y	121.4	0.00	4.64	0.70	0	5	2	93	0.00	0.0	2.997	0.000	5	2	1	1
075801	PL.25255	B	Consumer	7.28Y	121.4	0.00	4.64	0.00	0	0	0	100	0.00	0.0	2.997	0.000	0	0	1	1
PL.13219	PD.3782	B	4ACSR	7.28Y	121.3	0.03	4.67	6.33	5	42	18	92	0.01	0.0	3.016	0.087	0	0	0	7
PL.30879	PL.13219	B	4ACSR	7.28Y	121.3	0.00	4.67	0.00	0	0	0	100	0.00	0.0	3.017	0.001	0	0	0	0
PD.3783	PL.30879	B	fuse6AMP	7.28Y	121.3	0.00	4.67	0.00	0	0	0	100	0.00	0.0	3.017	0.000	0	0	0	0
PL.30880	PD.3783	B	4ACSR	7.28Y	121.3	0.00	4.67	0.00	0	0	0	100	0.00	0.0	3.069	0.052	0	0	0	0
PL.13220	PL.13219	B	4ACSR	7.28Y	121.3	0.03	4.69	5.96	5	40	17	92	0.01	0.0	3.118	0.102	0	0	0	6
C PD.3784	PL.13220	B	fuse6AMP	7.28Y	121.3	0.00	4.69	5.96	102	40	17	92	0.00	0.0	3.118	0.000	0	0	0	6 C
PL.13221	PD.3784	B	4ACSR	7.28Y	121.3	0.01	4.70	3.93	3	26	11	92	0.00	0.0	3.154	0.036	0	0	0	4
PL.13222	PL.13221	B	4ACSR	7.28Y	121.3	0.02	4.72	3.93	3	26	11	92	0.00	0.0	3.273	0.119	0	0	0	4
PD.3785	PL.13222	B	fuse6AMP	7.28Y	121.3	0.00	4.72	3.93	67	26	11	92	0.00	0.0	3.273	0.000	0	0	0	4
PL.30881	PD.3785	B	4ACSR	7.28Y	121.3	0.01	4.73	3.16	3	21	9	92	0.00	0.0	3.354	0.081	0	0	0	3
PD.3786	PL.30881	B	fuse6AMP	7.28Y	121.3	0.00	4.73	3.16	54	21	9	92	0.00	0.0	3.354	0.000	0	0	0	3
PL.30882	PD.3786	B	4ACSR	7.28Y	121.3	0.00	4.73	3.16	3	21	9	92	0.00	0.0	3.355	0.001	0	0	0	3
PL.33001	PL.30882	B	4ACSR	7.28Y	121.3	0.00	4.74	0.90	1	6	3	89	0.00	0.0	3.407	0.053	0	0	0	1
0758019	PL.33001	B	Consumer	7.28Y	121.3	0.00	4.74	0.90	0	6	3	89	0.00	0.0	3.407	0.000	6	3	1	1
075814	PL.30882	B	Consumer	7.28Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	3.355	0.000	0	0	0	0
PL.13224	PL.30882	B	4ACSR	7.28Y	121.3	0.01	4.74	2.27	2	15	7	91	0.00	0.0	3.433	0.078	0	0	0	2
PD.3787	PL.13224	B	fuse6AMP	7.28Y	121.3	0.00	4.74	2.27	39	15	7	91	0.00	0.0	3.433	0.000	0	0	0	2
PL.17639	PD.3787	B	4ACSR	7.28Y	121.3	0.00	4.74	1.25	1	8	4	89	0.00	0.0	3.439	0.006	0	0	0	1
PD.12-A	PL.17639	B	Closed	7.28Y	121.3	0.00	4.74	1.25	0	8	4	89	0.00	0.0	3.439	0.000	0	0	0	1
PD.12-B	PD.12-A	B	Closed	7.28Y	121.3	0.00	4.74	1.25	0	8	4	89	0.00	0.0	3.439	0.000	0	0	0	1
PL.17640	PD.12-B	B	4ACSR	7.27Y	121.2	0.01	4.75	1.25	1	8	4	89	0.00	0.0	3.629	0.191	0	0	0	1
PL.17637	PL.17640	B	4ACSR	7.27Y	121.2	0.00	4.75	0.00	0	0	0	100	0.00	0.0	3.635	0.006	0	0	0	0
PL.38808	PL.17637	B	4ACSR	7.27Y	121.2	0.00	4.75	0.00	0	0	0	100	0.00	0.0	3.705	0.070	0	0	0	0
PD.6723-A	PL.38808	B	Open	7.27Y	121.2	0.00	4.75	0.00	0	0	0	100	0.00	0.0	3.705	0.000	0	0	0	0
075802	PL.17640	B	Consumer	7.27Y	121.2	0.00	4.75	1.25	0	8	4	89	0.00	0.0	3.629	0.000	8	4	1	1
PL.4689	PD.3787	B	4ACSR	7.28Y	121.3	0.00	4.75	1.02	1	7	3	92	0.00	0.0	3.528	0.095	0	0	0	1
075818	PL.4689	B	Consumer	7.28Y	121.3	0.00	4.75	1.02	0	7	3	92	0.00	0.0	3.528	0.000	7	3	1	1
PL.4686	PD.3785	B	4ACSR	7.28Y	121.3	0.00	4.72	0.77	1	5	2	93	0.00	0.0	3.351	0.078	0	0	0	1
075817	PL.4686	B	Consumer	7.28Y	121.3	0.00	4.72	0.77	0	5	2	93	0.00	0.0	3.351	0.000	5	2	1	1
PL.30334	PD.3784	B	4ACSR	7.28Y	121.3	0.00	4.70	0.74	1	5	2	93	0.00	0.0	3.253	0.135	0	0	0	1
075816	PL.30334	B	Consumer	7.28Y	121.3	0.00	4.70	0.74	0	5	2	93	0.00	0.0	3.253	0.000	5	2	1	1
PL.4943	PD.3784	B	4ACSR	7.28Y	121.3	0.01	4.70	1.28	1	9	4	91	0.00	0.0	3.231	0.113	0	0	0	1
PL.4942	PL.4943	B	4ACSR	7.28Y	121.3	0.00	4.70	1.28	1	9	4	91	0.00	0.0	3.288	0.057	0	0	0	1
075813	PL.4942	B	Consumer	7.28Y	121.3	0.00	4.70	1.28	0	9	4	91	0.00	0.0	3.288	0.000	9	4	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
075815	PL.13219	B	Consumer	7.28Y	121.3	0.00	4.67	0.37	0	2	1	89	0.00	0.0	3.016	0.000	2	1	1	1
075805	PL.13217	B	Consumer	7.28Y	121.4	0.00	4.63	0.09	0	1	0	100	0.00	0.0	2.897	0.000	1	0	1	1
074842	PL.13217	B	Consumer	7.28Y	121.4	0.00	4.63	0.00	0	0	0	100	0.00	0.0	2.897	0.000	0	0	1	1
PL.16944	PL.13024	B	4ACSR	7.29Y	121.4	0.00	4.58	4.67	4	31	13	92	0.00	0.0	2.779	0.005	0	0	0	9
PD.498-A	PL.16944	B	Closed	7.29Y	121.4	0.00	4.58	4.67	0	31	13	92	0.00	0.0	2.779	0.000	0	0	0	9
PD.498-B	PD.498-A	B	Closed	7.29Y	121.4	0.00	4.58	4.67	0	31	13	92	0.00	0.0	2.779	0.000	0	0	0	9
PL.16945	PD.498-B	B	4ACSR	7.28Y	121.4	0.00	4.58	4.67	4	31	13	92	0.00	0.0	2.784	0.005	0	0	0	9
PD.3635	PL.16945	B	50V4E	7.28Y	121.4	0.00	4.58	4.67	9	31	13	92	0.00	0.0	2.784	0.000	0	0	0	9
PL.16946	PD.3635	B	4ACSR	7.28Y	121.4	0.02	4.61	4.67	4	31	13	92	0.01	0.0	2.892	0.108	0	0	0	9
PL.13025	PL.16946	B	4ACSR	7.28Y	121.4	0.02	4.63	4.67	4	31	13	92	0.00	0.0	2.983	0.091	0	0	0	9
PL.39334	PL.13025	B	4ACSR	7.28Y	121.4	0.00	4.63	0.63	1	4	2	89	0.00	0.0	2.989	0.006	0	0	0	1
PD.6911	PL.39334	B	fuse6AMP	7.28Y	121.4	0.00	4.63	0.63	11	4	2	89	0.00	0.0	2.989	0.000	0	0	0	1
PL.39335	PD.6911	B	4ACSR	7.28Y	121.4	0.00	4.63	0.63	1	4	2	89	0.00	0.0	3.044	0.055	0	0	0	1
074814	PL.39335	B	Consumer	7.28Y	121.4	0.00	4.63	0.63	0	4	2	89	0.00	0.0	3.044	0.000	4	2	1	1
PL.13026	PL.13025	B	4ACSR	7.28Y	121.4	0.01	4.64	4.04	3	27	12	91	0.00	0.0	3.039	0.056	0	0	0	8
PL.39336	PL.13026	B	4ACSR	7.28Y	121.4	0.00	4.64	0.46	0	3	1	95	0.00	0.0	3.044	0.004	0	0	0	1
PD.6912	PL.39336	B	fuse6AMP	7.28Y	121.4	0.00	4.64	0.46	8	3	1	95	0.00	0.0	3.044	0.000	0	0	0	1
PL.39337	PD.6912	B	4ACSR	7.28Y	121.4	0.00	4.64	0.46	0	3	1	95	0.00	0.0	3.079	0.036	0	0	0	1
074833	PL.39337	B	Consumer	7.28Y	121.4	0.00	4.64	0.46	0	3	1	95	0.00	0.0	3.079	0.000	3	1	1	1
PL.13027	PL.13026	B	4ACSR	7.28Y	121.4	0.01	4.65	3.58	3	24	10	92	0.00	0.0	3.094	0.054	0	0	0	7
074810	PL.13027	B	Consumer	7.28Y	121.4	0.00	4.65	0.49	0	3	1	95	0.00	0.0	3.094	0.000	3	1	1	1
074811	PL.13027	B	Consumer	7.28Y	121.4	0.00	4.65	0.10	0	1	0	100	0.00	0.0	3.094	0.000	1	0	1	1
PL.39391	PL.13027	B	4ACSR	7.28Y	121.4	0.00	4.65	1.24	1	8	4	89	0.00	0.0	3.096	0.002	0	0	0	2
PL.39394	PL.39391	B	4ACSR	7.28Y	121.4	0.00	4.65	1.24	1	8	4	89	0.00	0.0	3.098	0.002	0	0	0	2
PL.39395	PL.39394	B	4ACSR	7.28Y	121.4	0.00	4.65	1.24	1	8	4	89	0.00	0.0	3.108	0.010	0	0	0	2
PL.39390	PL.39395	B	4ACSR	7.28Y	121.4	0.00	4.65	1.24	1	8	4	89	0.00	0.0	3.143	0.035	0	0	0	2
PL.13028	PL.39390	B	4ACSR	7.28Y	121.3	0.00	4.65	1.24	1	8	4	89	0.00	0.0	3.177	0.034	0	0	0	2
PL.39399	PL.13028	B	4ACSR	7.28Y	121.3	0.00	4.65	1.24	1	8	4	89	0.00	0.0	3.181	0.004	0	0	0	2
PD.7094	PL.39399	B	fuse6AMP	7.28Y	121.3	0.00	4.65	1.24	21	8	4	89	0.00	0.0	3.181	0.000	0	0	0	2
PL.39400	PD.7094	B	4ACSR	7.28Y	121.3	0.00	4.65	1.24	1	8	4	89	0.00	0.0	3.240	0.059	0	0	0	2
075808	PL.39400	B	Consumer	7.28Y	121.3	0.00	4.65	0.43	0	3	1	95	0.00	0.0	3.240	0.000	3	1	1	1
074827	PL.39400	B	Consumer	7.28Y	121.3	0.00	4.65	0.81	0	5	2	93	0.00	0.0	3.240	0.000	5	2	1	1
PL.13029	PL.13028	B	4ACSR	7.28Y	121.3	0.00	4.65	0.00	0	0	0	100	0.00	0.0	3.256	0.078	0	0	0	0
PL.25257	PL.13029	B	4ACSR	7.28Y	121.3	0.00	4.65	0.00	0	0	0	100	0.00	0.0	3.479	0.223	0	0	0	0
PL.25258	PL.25257	B	4ACSR	7.28Y	121.3	0.00	4.65	0.00	0	0	0	100	0.00	0.0	3.547	0.068	0	0	0	0
PL.25259	PL.25258	B	4ACSR	7.28Y	121.3	0.00	4.65	0.00	0	0	0	100	0.00	0.0	3.591	0.044	0	0	0	0
0758021	PL.13029	B	Consumer	7.28Y	121.3	0.00	4.65	0.00	0	0	0	100	0.00	0.0	3.256	0.000	0	0	0	0
PL.39387	PL.13027	B	4ACSR	7.28Y	121.4	0.00	4.65	0.10	0	1	0	100	0.00	0.0	3.102	0.008	0	0	0	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.7091	PL.39387	B	fuse6AMP	7.28Y	121.4	0.00	4.65	0.10	2	1	0	100	0.00	0.0	3.102	0.000	0	0	0	1
PL.39388	PD.7091	B	4ACSR	7.28Y	121.4	0.00	4.65	0.10	0	1	0	100	0.00	0.0	3.397	0.295	0	0	0	1
074902	PL.39388	B	Consumer	7.28Y	121.4	0.00	4.65	0.10	0	1	0	100	0.00	0.0	3.397	0.000	1	0	1	1
PL.39398	PL.13027	B	4ACSR	7.28Y	121.4	0.00	4.65	1.66	1	11	5	91	0.00	0.0	3.096	0.002	0	0	0	2
PD.7093	PL.39398	B	fuse6AMP	7.28Y	121.4	0.00	4.65	1.66	28	11	5	91	0.00	0.0	3.096	0.000	0	0	0	2
PL.39397	PD.7093	B	4ACSR	7.28Y	121.4	0.00	4.65	1.66	1	11	5	91	0.00	0.0	3.103	0.007	0	0	0	2
PL.39340	PL.39397	B	4ACSR	7.28Y	121.4	0.00	4.65	1.66	1	11	5	91	0.00	0.0	3.144	0.041	0	0	0	2
0748086	PL.39340	B	Consumer	7.28Y	121.4	0.00	4.65	0.00	0	0	0	100	0.00	0.0	3.144	0.000	0	0	0	0
074830	PL.39340	B	Consumer	7.28Y	121.4	0.00	4.65	1.02	0	7	3	92	0.00	0.0	3.144	0.000	7	3	1	1
074839	PL.39340	B	Consumer	7.28Y	121.4	0.00	4.65	0.00	0	0	0	100	0.00	0.0	3.144	0.000	0	0	0	0
074832	PL.39340	B	Consumer	7.28Y	121.4	0.00	4.65	0.64	0	4	2	89	0.00	0.0	3.144	0.000	4	2	1	1
0748087	PL.13024	B	Consumer	7.29Y	121.4	0.00	4.58	0.00	0	0	0	100	0.00	0.0	2.773	0.000	0	0	0	0
074853	PL.13024	B	Consumer	7.29Y	121.4	0.00	4.58	0.89	0	6	3	89	0.00	0.0	2.773	0.000	6	3	1	1
PL.17351	PL.13024	B	4ACSR	7.29Y	121.4	0.00	4.58	0.70	1	5	2	93	0.00	0.0	2.779	0.006	0	0	0	1
PD.3248	PL.17351	B	fuse6AMP	7.29Y	121.4	0.00	4.58	0.70	12	5	2	93	0.00	0.0	2.779	0.000	0	0	0	1
PL.17352	PD.3248	B	4ACSR	7.28Y	121.4	0.00	4.58	0.70	1	5	2	93	0.00	0.0	2.851	0.072	0	0	0	1
074803	PL.17352	B	Consumer	7.28Y	121.4	0.00	4.58	0.70	0	5	2	93	0.00	0.0	2.851	0.000	5	2	1	1
PL.17349	PL.13021	B	4ACSR	7.30Y	121.6	0.00	4.36	0.93	1	6	3	89	0.00	0.0	2.480	0.005	0	0	0	2
PD.3257	PL.17349	B	fuse6AMP	7.30Y	121.6	0.00	4.36	0.93	16	6	3	89	0.00	0.0	2.480	0.000	0	0	0	2
PL.17350	PD.3257	B	4ACSR	7.30Y	121.6	0.00	4.36	0.93	1	6	3	89	0.00	0.0	2.496	0.016	0	0	0	2
074807	PL.17350	B	Consumer	7.30Y	121.6	0.00	4.36	0.00	0	0	0	100	0.00	0.0	2.496	0.000	0	0	0	0
074836	PL.17350	B	Consumer	7.30Y	121.6	0.00	4.36	0.00	0	0	0	100	0.00	0.0	2.496	0.000	0	0	0	0
074858	PL.17350	B	Consumer	7.30Y	121.6	0.00	4.36	0.73	0	5	2	93	0.00	0.0	2.496	0.000	5	2	1	1
074815	PL.17350	B	Consumer	7.30Y	121.6	0.00	4.36	0.21	0	1	1	71	0.00	0.0	2.496	0.000	1	1	1	1
074838	PL.8107	B	Consumer	7.31Y	121.9	0.00	4.13	0.03	0	0	0	100	0.00	0.0	2.239	0.000	0	0	1	1
074874	PL.13283	B	Consumer	7.34Y	122.3	0.00	3.74	0.38	0	3	1	95	0.00	0.0	1.975	0.000	3	1	1	1
PL.8126	PL.13282	B	4ACSR	7.34Y	122.3	0.02	3.70	2.66	2	18	8	91	0.00	0.0	2.118	0.183	0	0	0	6
0748081	PL.8126	B	Consumer	7.34Y	122.3	0.00	3.70	0.54	0	4	2	89	0.00	0.0	2.118	0.000	4	2	1	1
074879	PL.8126	B	Consumer	7.34Y	122.3	0.00	3.70	0.53	0	4	2	89	0.00	0.0	2.118	0.000	4	2	1	1
PL.8127	PL.8126	B	4ACSR	7.34Y	122.3	0.00	3.70	1.59	1	11	5	91	0.00	0.0	2.165	0.046	0	0	0	4
PL.46010	PL.8127	B	4ACSR	7.34Y	122.3	0.00	3.70	0.00	0	0	0	100	0.00	0.0	2.213	0.048	0	0	0	1
0738030	PL.46010	B	Consumer	7.34Y	122.3	0.00	3.70	0.00	0	0	0	100	0.00	0.0	2.213	0.000	0	0	0	0
PL.46011	PL.46010	B	4ACSR	7.34Y	122.3	0.00	3.70	0.00	0	0	0	100	0.00	0.0	2.257	0.044	0	0	0	1
0738028	PL.46011	B	Consumer	7.34Y	122.3	0.00	3.70	0.00	0	0	0	100	0.00	0.0	2.257	0.000	0	0	1	1
074880	PL.8127	B	Consumer	7.34Y	122.3	0.00	3.70	0.59	0	4	2	89	0.00	0.0	2.165	0.000	4	2	1	1
0748083	PL.8127	B	Consumer	7.34Y	122.3	0.00	3.70	0.45	0	3	1	95	0.00	0.0	2.165	0.000	3	1	1	1
0748082	PL.8127	B	Consumer	7.34Y	122.3	0.00	3.70	0.55	0	4	2	89	0.00	0.0	2.165	0.000	4	2	1	1
074862	PL.13281	B	Consumer	7.35Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	1.882	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: STANTON

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 073817, PL.43104, PD.3250, 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, % 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 6131006, PL.7448, 6131007, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.33234, PL.33235, PL.20762, etc.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.4353-B	PD.4353-A	A	Closed	7.48Y	124.7	0.00	1.26	20.69	0	133	79	86	0.00	0.0	2.432	0.000	0	0	0	2
		B		7.32Y	122.0	0.00	3.95	24.56	0	156	90	87					0	0	0	8
		C		7.27Y	121.1	0.00	4.89	23.68	0	149	87	86					0	0	0	5
PL.33231	PD.4353-B	A	1/0ACSR	7.48Y	124.7	0.00	1.26	20.69	10	133	79	86	0.01	0.0	2.437	0.005	0	0	0	2
		B		7.32Y	122.0	0.00	3.96	24.56	12	156	90	87					0	0	0	8
		C		7.27Y	121.1	0.00	4.89	23.68	12	149	87	86					0	0	0	5
PL.13494	PL.33231	A	1/0ACSR	7.48Y	124.7	0.00	1.26	20.69	10	133	79	86	0.02	0.0	2.450	0.013	0	0	0	2
		B		7.32Y	122.0	0.01	3.96	24.56	12	156	90	87					0	0	0	8
		C		7.27Y	121.1	0.01	4.90	23.68	12	149	87	86					0	0	0	5
611901	PL.13494	A	Consumer	7.48Y	124.7	0.00	1.26	3.76	0	24	15	85	0.00	0.0	2.450	0.000	24	15	0	0
		B		7.32Y	122.0	0.00	3.96	3.84	0	24	15	85					24	15	0	0
		C		7.27Y	121.1	0.00	4.90	3.87	0	24	15	85					24	15	0	0
611806	PL.13494	A	Consumer	7.48Y	124.7	0.00	1.26	1.03	0	7	3	92	0.00	0.0	2.450	0.000	7	3	0	0
		B		7.32Y	122.0	0.00	3.96	1.05	0	7	3	90					7	3	0	0
		C		7.27Y	121.1	0.00	4.90	1.06	0	7	3	90					7	3	0	0
PL.13493	PL.13494	A	1/0ACSR	7.48Y	124.7	0.00	1.27	15.90	8	102	61	86	0.01	0.0	2.462	0.012	0	0	0	2
		B		7.32Y	122.0	0.00	3.97	19.67	10	125	72	87					0	0	0	8
		C		7.27Y	121.1	0.00	4.90	18.75	9	118	68	86					0	0	0	4
PL.13492	PL.13493	A	1/0ACSR	7.48Y	124.7	0.02	1.29	15.90	8	102	61	86	0.05	0.0	2.525	0.063	0	0	0	2
		B		7.32Y	122.0	0.03	3.99	19.60	10	124	72	87					0	0	0	7
		C		7.26Y	121.1	0.02	4.92	18.75	9	118	68	86					0	0	0	4
PL.3771	PL.13492	A	1/0ACSR	7.48Y	124.7	0.00	1.29	2.38	1	16	8	89	0.00	0.0	2.590	0.065	0	0	0	1
		B		7.32Y	122.0	-0.00	3.99	0.00	0	0	0	100					0	0	0	0
		C		7.26Y	121.1	0.01	4.93	3.05	2	20	9	90					0	0	0	2
PL.3770	PL.3771	A	1/0ACSR	7.48Y	124.7	0.00	1.29	2.38	1	16	8	89	0.00	0.0	2.651	0.061	0	0	0	1
		B		7.32Y	122.0	-0.00	3.99	0.00	0	0	0	100					0	0	0	0
		C		7.26Y	121.1	0.01	4.93	3.05	2	20	9	90					0	0	0	2
PL.3785	PL.3770	A	4/0ACSR	7.48Y	124.7	-0.00	1.29	0.00	0	0	0	100	0.00	0.0	2.696	0.045	0	0	0	0
		B		7.32Y	122.0	0.00	3.99	0.00	0	0	0	100					0	0	0	0
		C		7.26Y	121.1	0.00	4.93	0.60	0	4	2	92					0	0	0	1
PL.17283	PL.3785	C	4ACSR	7.26Y	121.1	0.00	4.93	0.60	1	4	2	89	0.00	0.0	2.702	0.006	0	0	0	1
PD.2904	PL.17283	C	fuse6AMP	7.26Y	121.1	0.00	4.93	0.60	10	4	2	89	0.00	0.0	2.702	0.000	0	0	0	1
PL.17284	PD.2904	C	4ACSR	7.26Y	121.1	0.00	4.94	0.60	1	4	2	89	0.00	0.0	2.749	0.048	0	0	0	1
612001	PL.17284	C	Consumer	7.26Y	121.1	0.00	4.94	0.60	0	4	2	89	0.00	0.0	2.749	0.000	4	2	1	1
PL.17281	PL.3770	A	4ACSR	7.48Y	124.7	0.00	1.29	2.38	2	16	8	89	0.00	0.0	2.657	0.006	0	0	0	1
		C		7.26Y	121.1	0.00	4.93	2.45	2	16	8	90					0	0	0	1
PD.2910	PL.17281	A	fuse6AMP	7.48Y	124.7	0.00	1.29	2.38	41	16	8	89	0.00	0.0	2.657	0.000	0	0	0	1
		C		7.26Y	121.1	0.00	4.93	2.45	42	16	8	90					0	0	0	1
PL.17282	PD.2910	A	4ACSR	7.48Y	124.7	0.00	1.29	2.38	2	16	8	89	0.00	0.0	2.702	0.045	0	0	0	1
		C		7.26Y	121.1	0.01	4.94	2.45	2	16	8	90					0	0	0	1
612002	PL.17282	A	Consumer	7.48Y	124.7	0.00	1.29	2.38	0	16	8	89	0.00	0.0	2.702	0.000	16	8	1	1
		C		7.26Y	121.1	0.00	4.94	2.45	0	16	8	90					16	8	1	1
PL.3784	PL.13492	A	4ACSR	7.48Y	124.7	0.00	1.29	0.00	0	0	0	100	0.00	0.0	2.588	0.063	0	0	0	0
		B		7.32Y	122.0	0.01	4.00	3.44	3	23	11	90					0	0	0	2
		C		7.26Y	121.1	-0.00	4.92	0.00	0	0	0	100					0	0	0	0
6128022	PL.3784	B	Consumer	7.32Y	122.0	0.00	4.00	0.26	0	2	1	89	0.00	0.0	2.588	0.000	2	1	1	1
611803	PL.3784	B	Consumer	7.32Y	122.0	0.00	4.00	3.18	0	21	10	90	0.00	0.0	2.588	0.000	21	10	1	1
6118007	PL.3784	A	Consumer	7.48Y	124.7	0.00	1.29	0.00	0	0	0	100	0.00	0.0	2.588	0.000	0	0	0	0
PL.13491	PL.13492	A	1/0ACSR	7.48Y	124.7	0.02	1.30	13.54	7	86	53	85	0.04	0.0	2.599	0.074	0	0	0	1
		B		7.32Y	122.0	0.02	4.02	16.18	8	102	61	86					0	0	0	5
		C		7.26Y	121.1	0.02	4.95	15.71	8	98	59	86					0	0	0	3

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.13487	PL.13491	A	1/0ACSR	7.48Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	2.620	0.021	0	0	0	0		
		B		7.32Y	122.0	0.00	4.02	0.57	0	4	2	90					0	0	0	1		
		C		7.26Y	121.1	-0.00	4.94	0.00	0	0	0	100					0	0	0	0		
PL.33233	PL.13487	A	1/0ACSR	7.48Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	2.644	0.024	0	0	0	0		
		B		7.32Y	122.0	0.00	4.02	0.00	0	0	0	100					0	0	0	0		
		C		7.26Y	121.1	0.00	4.94	0.00	0	0	0	100					0	0	0	0		
PD.4356-B	PL.33233	A	Open	7.48Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	2.644	0.000	0	0	0	0		
		B		7.32Y	122.0	0.00	4.02	0.00	0	0	0	100					0	0	0	0		
		C		7.26Y	121.1	0.00	4.94	0.00	0	0	0	100					0	0	0	0		
PL.3781	PL.13487	B	4ACSR	7.32Y	122.0	0.00	4.02	0.57	0	4	2	89	0.00	0.0	2.676	0.055	0	0	0	1		
610902	PL.3781	B	Consumer	7.32Y	122.0	0.00	4.02	0.57	0	4	2	89	0.00	0.0	2.676	0.000	4	2	1	1		
PL.281	PL.13491	A	1/0ACSR	7.48Y	124.7	0.02	1.32	13.54	7	86	53	85	0.03	0.0	2.659	0.060	0	0	0	1		
		B		7.32Y	122.0	0.02	4.04	15.61	8	98	59	86					0	0	0	4		
		C		7.26Y	121.0	0.02	4.96	15.71	8	98	59	86					0	0	0	3		
PL.3769	PL.281	A	4/0ACSR	7.48Y	124.7	0.00	1.32	9.72	3	62	38	85	0.00	0.0	2.696	0.037	0	0	0	1		
		B		7.32Y	122.0	0.00	4.04	9.95	3	62	38	85					0	0	0	2		
		C		7.26Y	121.0	0.00	4.97	10.01	4	62	38	85					0	0	0	1		
PL.3376	PL.3769	A	4/0ACSR	7.48Y	124.7	0.00	1.32	9.72	3	62	38	85	0.00	0.0	2.703	0.007	0	0	0	1		
		B		7.32Y	122.0	0.00	4.04	9.95	3	62	38	85					0	0	0	2		
		C		7.26Y	121.0	0.00	4.97	10.01	4	62	38	85					0	0	0	1		
PL.13489	PL.3376	A	1/0ACSR	7.48Y	124.7	0.01	1.33	9.72	5	62	38	85	0.01	0.0	2.735	0.032	0	0	0	1		
		B		7.32Y	122.0	0.01	4.05	9.95	5	62	38	85					0	0	0	2		
		C		7.26Y	121.0	0.01	4.98	10.01	5	62	38	85					0	0	0	1		
PL.3750	PL.13489	A	4/0ACSR	7.48Y	124.7	0.00	1.33	2.64	1	17	10	86	0.00	0.0	2.763	0.028	0	0	0	0		
		B		7.32Y	121.9	0.00	4.05	2.70	1	17	10	85					0	0	0	0		
		C		7.26Y	121.0	0.00	4.98	2.72	1	17	10	85					0	0	0	0		
609803	PL.3750	A	Consumer	7.48Y	124.7	0.00	1.33	2.64	0	17	10	86	0.00	0.0	2.763	0.000	17	10	0	0		
		B		7.32Y	121.9	0.00	4.05	2.70	0	17	10	85					17	10	0	0		
		C		7.26Y	121.0	0.00	4.98	2.72	0	17	10	85					17	10	0	0		
PL.13488	PL.13489	A	1/0ACSR	7.48Y	124.7	0.00	1.34	7.08	4	45	28	85	0.00	0.0	2.770	0.035	0	0	0	0		
		B		7.32Y	121.9	0.00	4.05	7.25	4	45	28	85					0	0	0	1		
		C		7.26Y	121.0	0.00	4.98	7.29	4	45	28	85					0	0	0	0		
PL.3744	PL.13488	A	1/0ACSR	7.48Y	124.7	0.00	1.34	7.08	4	45	28	85	0.00	0.0	2.796	0.026	0	0	0	0		
		B		7.32Y	121.9	0.00	4.06	7.24	4	45	28	85					0	0	0	0		
		C		7.26Y	121.0	0.00	4.98	7.29	4	45	28	85					0	0	0	0		
609706	PL.3744	A	Consumer	7.48Y	124.7	0.00	1.34	7.08	0	45	28	85	0.00	0.0	2.796	0.000	45	28	0	0		
		B		7.32Y	121.9	0.00	4.06	7.24	0	45	28	85					45	28	0	0		
		C		7.26Y	121.0	0.00	4.98	7.29	0	45	28	85					45	28	0	0		
609801	PL.13488	B	Consumer	7.32Y	121.9	0.00	4.05	0.02	0	0	0	100	0.00	0.0	2.770	0.000	0	0	1	1		
609804	PL.13488	B	Consumer	7.32Y	121.9	0.00	4.05	0.00	0	0	0	100	0.00	0.0	2.770	0.000	0	0	0	0		
PL.22241	PL.281	A	1/0ACSR	7.48Y	124.7	0.00	1.32	3.82	2	24	15	85	0.01	0.0	2.734	0.074	0	0	0	1		
		B		7.32Y	122.0	0.01	4.05	5.66	3	36	21	87					0	0	0	2		
		C		7.26Y	121.0	0.01	4.97	5.70	3	36	21	87					0	0	0	2		
610714	PL.22241	A	Consumer	7.48Y	124.7	0.00	1.32	0.15	0	1	0	100	0.00	0.0	2.734	0.000	1	0	0	0		
		B		7.32Y	122.0	0.00	4.05	0.15	0	1	0	90					1	0	0	0		
		C		7.26Y	121.0	0.00	4.97	0.15	0	1	0	90					1	0	0	0		
610716	PL.22241	A	Consumer	7.48Y	124.7	0.00	1.32	3.67	0	23	14	85	0.00	0.0	2.734	0.000	23	14	0	0		
		B		7.32Y	122.0	0.00	4.05	3.75	0	23	14	85					23	14	0	0		
		C		7.26Y	121.0	0.00	4.97	3.78	0	23	14	85					23	14	0	0		
610715	PL.22241	B	Consumer	7.32Y	122.0	0.00	4.05	0.22	0	1	1	71	0.00	0.0	2.734	0.000	1	1	1	1		
		C		7.26Y	121.0	0.00	4.97	0.22	0	1	1	90					1	1	1	1		
PL.22242	PL.22241	A	1/0ACSR	7.48Y	124.7	-0.00	1.32	0.00	0	0	0	100	0.00	0.0	2.747	0.013	0	0	0	0		
		B		7.32Y	122.0	0.00	4.05	1.54	1	10	5	90					0	0	0	1		
		C		7.26Y	121.0	0.00	4.97	1.55	1	10	5	90					0	0	0	1		

Unbalanced Voltage Drop Report
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Title:
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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss		Length (mi)	KW			KVAR	
PL.33236	PL.22242	A	1/0ACSR	7.48Y	124.7	0.00	1.32	0.00	0	0	0	100	0.00	0.0	2.752	0.004	0	0	0	0
		B		7.32Y	122.0	0.00	4.05	0.00	0	0	0	100					0	0	0	0
		C		7.26Y	121.0	0.00	4.97	0.00	0	0	0	100					0	0	0	0
PD.4358-A	PL.33236	A	Open	7.48Y	124.7	0.00	1.32	0.00	0	0	0	100	0.00	0.0	2.752	0.000	0	0	0	0
		B		7.32Y	122.0	0.00	4.05	0.00	0	0	0	100					0	0	0	0
		C		7.26Y	121.0	0.00	4.97	0.00	0	0	0	100					0	0	0	0
610710	PL.22242	B	Consumer	7.32Y	122.0	0.00	4.05	1.54	0	10	5	89	0.00	0.0	2.747	0.000	10	5	1	1
		C		7.26Y	121.0	0.00	4.97	1.55	0	10	5	90					10	5	1	1
610711	PL.22242	B	Consumer	7.32Y	122.0	0.00	4.05	0.00	0	0	0	100	0.00	0.0	2.747	0.000	0	0	1	1
		C		7.26Y	121.0	0.00	4.97	0.00	0	0	0	100					0	0	1	1
611804	PL.13493	B	Consumer	7.32Y	122.0	0.00	3.97	0.07	0	0	0	100	0.00	0.0	2.462	0.000	0	0	1	1
611805	PL.13493	B	Consumer	7.32Y	122.0	0.00	3.97	0.00	0	0	0	100	0.00	0.0	2.462	0.000	0	0	0	0
612804	PL.7421	B	Consumer	7.32Y	122.0	0.00	3.95	0.25	0	2	1	89	0.00	0.0	2.427	0.000	2	1	1	1
612815	PL.7421	B	Consumer	7.32Y	122.0	0.00	3.95	0.45	0	3	1	95	0.00	0.0	2.427	0.000	3	1	1	1
612819	PL.7421	B	Consumer	7.32Y	122.0	0.00	3.95	0.00	0	0	0	100	0.00	0.0	2.427	0.000	0	0	0	0
PL.26472	PL.17538	A	1/0ACSR	7.49Y	124.8	-0.01	1.22	11.22	6	77	34	91	0.23	0.0	2.408	0.029	0	0	0	28
		B		7.32Y	122.1	0.02	3.95	29.42	15	197	87	92					0	0	0	65
		C		7.26Y	121.1	0.06	4.92	84.04	42	558	248	91					0	0	0	148
PL.17539	PL.26472	A	4ACSR	7.49Y	124.8	0.00	1.22	0.78	1	5	2	93	0.00	0.0	2.413	0.005	0	0	0	2
PD.2907	PL.17539	A	fuse6AMP	7.49Y	124.8	0.00	1.22	0.78	13	5	2	93	0.00	0.0	2.413	0.000	0	0	0	2
PL.17540	PD.2907	A	4ACSR	7.49Y	124.8	0.00	1.23	0.78	1	5	2	93	0.00	0.0	2.434	0.021	0	0	0	2
PL.3772	PL.17540	A	4ACSR	7.49Y	124.8	0.00	1.23	0.78	1	5	2	93	0.00	0.0	2.482	0.048	0	0	0	2
612814	PL.3772	A	Consumer	7.49Y	124.8	0.00	1.23	0.47	0	3	2	83	0.00	0.0	2.482	0.000	3	2	1	1
612811	PL.3772	A	Consumer	7.49Y	124.8	0.00	1.23	0.30	0	2	1	89	0.00	0.0	2.482	0.000	2	1	1	1
PL.26473	PL.26472	A	1/0ACSR	7.49Y	124.8	-0.01	1.21	10.45	5	71	32	91	0.27	0.0	2.442	0.035	0	0	0	26
		B		7.32Y	122.0	0.03	3.98	29.42	15	197	87	92					0	0	0	65
		C		7.26Y	121.0	0.07	4.99	84.04	42	558	247	91					0	0	0	148
PL.3774	PL.26473	C	4ACSR	7.26Y	121.0	0.00	4.99	1.17	1	8	3	94	0.00	0.0	2.454	0.012	0	0	0	3
PL.19771	PL.3774	C	4ACSR	7.26Y	121.0	0.00	4.99	1.17	1	8	3	94	0.00	0.0	2.478	0.023	0	0	0	3
PL.19772	PL.19771	C	4ACSR	7.26Y	121.0	0.00	4.99	0.63	1	4	2	89	0.00	0.0	2.484	0.007	0	0	0	2
613701	PL.19772	C	Consumer	7.26Y	121.0	0.00	4.99	0.00	0	0	0	100	0.00	0.0	2.484	0.000	0	0	1	1
612708	PL.19772	C	Consumer	7.26Y	121.0	0.00	4.99	0.62	0	4	2	89	0.00	0.0	2.484	0.000	4	2	1	1
613702	PL.19771	C	Consumer	7.26Y	121.0	0.00	4.99	0.54	0	4	2	89	0.00	0.0	2.478	0.000	4	2	1	1
612808	PL.26473	C	Consumer	7.26Y	121.0	0.00	4.99	0.00	0	0	0	100	0.00	0.0	2.442	0.000	0	0	0	0
612820	PL.26473	C	Consumer	7.26Y	121.0	0.00	4.99	0.00	0	0	0	100	0.00	0.0	2.442	0.000	0	0	1	1
612810	PL.26473	C	Consumer	7.26Y	121.0	0.00	4.99	0.38	0	3	1	95	0.00	0.0	2.442	0.000	3	1	1	1
612807	PL.26473	C	Consumer	7.26Y	121.0	0.00	4.99	0.70	0	5	2	93	0.00	0.0	2.442	0.000	5	2	1	1
612806	PL.26473	B	Consumer	7.32Y	122.0	0.00	3.98	0.89	0	6	3	89	0.00	0.0	2.442	0.000	6	3	1	1
612821	PL.26473	C	Consumer	7.26Y	121.0	0.00	4.99	0.00	0	0	0	100	0.00	0.0	2.442	0.000	0	0	1	1
612816	PL.26473	C	Consumer	7.26Y	121.0	0.00	4.99	0.00	0	0	0	100	0.00	0.0	2.442	0.000	0	0	0	0
612818	PL.26473	C	Consumer	7.26Y	121.0	0.00	4.99	0.57	0	4	2	89	0.00	0.0	2.442	0.000	4	2	1	1
613801	PL.26473	C	Consumer	7.26Y	121.0	0.00	4.99	0.41	0	3	1	95	0.00	0.0	2.442	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: STANTON

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 elements PL.26470, PL.16941, PD.2908, PL.16942, 613806, 613805, PL.16943, PD.2909, PL.17273, 613817, 613818, 613810, 613822, 613816, 613819, 613814, 613813, 613821, 613811, PL.26471, 614801, PL.26468, PL.17541, PD.2913, PL.17542, PL.26469, 614701, PL.7414, PL.37892, C PD.6261.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.37891	PD.6261	C	4ACSR	7.24Y	120.7	0.00	5.29	23.72	20	158	68	92	0.00	0.0	2.701	0.001	0	0	0	25	
PL.37889	PL.37891	C	4ACSR	7.24Y	120.7	0.00	5.29	23.72	20	158	68	92	0.01	0.0	2.705	0.005	0	0	0	25	
PL.20063	PL.37889	C	4ACSR	7.24Y	120.7	0.04	5.33	23.72	20	158	68	92	0.04	0.0	2.738	0.033	0	0	0	25	
PL.20064	PL.20063	C	4ACSR	7.24Y	120.6	0.07	5.39	23.20	19	154	67	92	0.08	0.1	2.799	0.062	0	0	0	24	
615705	PL.20064	C	Consumer	7.24Y	120.6	0.00	5.39	0.55	0	4	2	89	0.00	0.0	2.799	0.000	4	2	1	1	
PL.7443	PL.20064	C	4ACSR	7.24Y	120.6	0.02	5.41	22.64	19	150	65	92	0.02	0.0	2.819	0.019	0	0	0	23	
615703	PL.7443	C	Consumer	7.24Y	120.6	0.00	5.41	0.59	0	4	2	89	0.00	0.0	2.819	0.000	4	2	1	1	
615704	PL.7443	C	Consumer	7.24Y	120.6	0.00	5.41	0.73	0	5	2	93	0.00	0.0	2.819	0.000	5	2	1	1	
PL.26466	PL.7443	C	4ACSR	7.23Y	120.5	0.04	5.45	21.32	18	142	61	92	0.04	0.0	2.859	0.041	0	0	0	21	
PL.3387	PL.26466	C	4ACSR	7.23Y	120.5	0.00	5.45	0.90	1	6	3	89	0.00	0.0	2.873	0.014	0	0	0	1	
615702	PL.3387	C	Consumer	7.23Y	120.5	0.00	5.45	0.90	0	6	3	89	0.00	0.0	2.873	0.000	6	3	1	1	
PL.26467	PL.26466	C	4ACSR	7.23Y	120.5	0.05	5.51	20.13	17	134	58	92	0.06	0.0	2.917	0.058	0	0	0	19	
PL.39565	PL.26467	C	4ACSR	7.23Y	120.5	0.00	5.51	0.00	0	0	0	100	0.00	0.0	2.972	0.055	0	0	0	0	
PD.6973-A	PL.39565	C	Open	7.23Y	120.5	0.00	5.51	0.00	0	0	0	100	0.00	0.0	2.972	0.000	0	0	0	0	
PL.16939	PL.26467	C	4ACSR	7.23Y	120.5	0.01	5.51	20.13	17	134	58	92	0.01	0.0	2.923	0.005	0	0	0	19	
PD.8139-A	PL.16939	C	Closed	7.23Y	120.5	0.00	5.51	20.13	0	134	58	92	0.00	0.0	2.923	0.000	0	0	0	19	
PD.8139-B	PD.8139-A	C	Closed	7.23Y	120.5	0.00	5.51	20.13	0	134	58	92	0.00	0.0	2.923	0.000	0	0	0	19	
PL.16940	PD.8139-B	C	4ACSR	7.23Y	120.5	0.02	5.53	20.13	17	134	58	92	0.02	0.0	2.945	0.023	0	0	0	19	
616703	PL.16940	C	Consumer	7.23Y	120.5	0.00	5.53	1.27	0	8	4	89	0.00	0.0	2.945	0.000	8	4	1	1	
616702	PL.16940	C	Consumer	7.23Y	120.5	0.00	5.53	0.41	0	3	1	95	0.00	0.0	2.945	0.000	3	1	1	1	
616704	PL.16940	C	Consumer	7.23Y	120.5	0.00	5.53	0.00	0	0	0	100	0.00	0.0	2.945	0.000	0	0	0	0	
PL.7427	PL.16940	C	4ACSR	7.23Y	120.4	0.03	5.56	18.45	16	122	53	92	0.03	0.0	2.976	0.031	0	0	0	17	
616701	PL.7427	C	Consumer	7.23Y	120.4	0.00	5.56	0.42	0	3	1	95	0.00	0.0	2.976	0.000	3	1	1	1	
PL.7426	PL.7427	C	4ACSR	7.23Y	120.4	0.02	5.58	18.03	15	120	52	92	0.02	0.0	2.999	0.022	0	0	0	16	
PL.26370	PL.7426	C	4ACSR	7.22Y	120.4	0.01	5.59	17.34	15	115	50	92	0.01	0.0	3.016	0.017	0	0	0	15	
PL.26373	PL.26370	C	4ACSR	7.22Y	120.4	0.02	5.62	11.02	9	73	32	92	0.01	0.0	3.065	0.048	0	0	0	10	
PL.26371	PL.26373	C	4ACSR	7.22Y	120.4	0.01	5.63	6.56	6	44	19	92	0.00	0.0	3.104	0.039	0	0	0	5	
PL.26372	PL.26371	C	4ACSR	7.22Y	120.4	0.01	5.64	5.25	4	35	15	92	0.00	0.0	3.156	0.052	0	0	0	4	
PL.7440	PL.26372	C	4ACSR	7.22Y	120.3	0.01	5.65	4.04	3	27	12	91	0.00	0.0	3.201	0.045	0	0	0	3	
615501	PL.7440	C	Consumer	7.22Y	120.3	0.00	5.65	1.45	0	10	4	93	0.00	0.0	3.201	0.000	10	4	1	1	
PL.7500	PL.7440	C	4ACSR	7.22Y	120.3	0.01	5.66	2.59	2	17	7	92	0.00	0.0	3.298	0.097	0	0	0	2	
614501	PL.7500	C	Consumer	7.22Y	120.3	0.00	5.66	2.07	0	14	6	92	0.00	0.0	3.298	0.000	14	6	1	1	
614502	PL.7500	C	Consumer	7.22Y	120.3	0.00	5.66	0.52	0	3	1	95	0.00	0.0	3.298	0.000	3	1	1	1	
615502	PL.26372	C	Consumer	7.22Y	120.4	0.00	5.64	1.21	0	8	3	94	0.00	0.0	3.156	0.000	8	3	1	1	
PL.3385	PL.26371	C	4ACSR	7.22Y	120.4	0.00	5.63	1.31	1	9	4	91	0.00	0.0	3.131	0.027	0	0	0	1	
616602	PL.3385	C	Consumer	7.22Y	120.4	0.00	5.63	1.31	0	9	4	91	0.00	0.0	3.131	0.000	9	4	1	1	
PL.7444	PL.26373	C	4ACSR	7.22Y	120.4	0.01	5.63	4.45	4	30	13	92	0.00	0.0	3.115	0.051	0	0	0	5	
PL.26374	PL.7444	C	4ACSR	7.22Y	120.4	0.00	5.63	2.54	2	17	7	92	0.00	0.0	3.153	0.038	0	0	0	3	

Unbalanced Voltage Drop Report
Source: STANTON

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.26465, PL.7445, 617603, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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. Includes data for various elements like 614803, 614802, PL.7502, etc.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
073916	PL.4629	B	Consumer	7.30Y	121.7	0.00	4.25	0.43	0	3	1	95	0.00	0.0	3.192	0.000	3	1	1	1
073913	PL.4628	B	Consumer	7.31Y	121.8	0.00	4.25	0.00	0	0	0	100	0.00	0.0	3.087	0.000	0	0	1	1
073914	PL.4628	B	Consumer	7.31Y	121.8	0.00	4.25	0.46	0	3	1	95	0.00	0.0	3.087	0.000	3	1	1	1
073912	PL.4628	B	Consumer	7.31Y	121.8	0.00	4.25	0.00	0	0	0	100	0.00	0.0	3.087	0.000	0	0	0	0
PL.24179	PL.13245	B	4ACSR	7.31Y	121.8	0.00	4.25	0.46	0	3	1	95	0.00	0.0	3.005	0.014	0	0	0	1
073901	PL.24179	B	Consumer	7.31Y	121.8	0.00	4.25	0.46	0	3	1	95	0.00	0.0	3.005	0.000	3	1	1	1
617001	PL.17286	B	Consumer	7.31Y	121.8	0.00	4.24	0.23	0	2	1	89	0.00	0.0	2.965	0.000	2	1	1	1
PL.13244	PL.13314	A	336ACSR	7.49Y	124.9	-0.02	1.08	6.54	1	45	20	91	0.09	0.0	3.017	0.119	0	0	0	19
		B		7.30Y	121.7	0.04	4.28	22.78	5	152	67	92					0	0	0	51
		C		7.23Y	120.5	0.05	5.50	42.17	10	279	124	91					0	0	0	89
PL.7499	PL.13244	A	4ACSR	7.50Y	124.9	-0.00	1.08	6.54	5	45	20	91	0.01	0.0	3.019	0.001	0	0	0	19
		B		7.30Y	121.7	0.00	4.28	22.78	19	152	67	92					0	0	0	51
		C		7.23Y	120.5	0.00	5.50	42.17	35	279	124	91					0	0	0	89
PL.33033	PL.7499	A	336ACSR	7.50Y	124.9	-0.00	1.08	6.54	1	45	20	91	0.02	0.0	3.043	0.025	0	0	0	19
		B		7.30Y	121.7	0.01	4.29	22.78	5	152	67	92					0	0	0	51
		C		7.23Y	120.5	0.01	5.51	42.17	10	279	124	91					0	0	0	89
PL.45614	PL.33033	B	4ACSR	7.30Y	121.7	0.00	4.29	1.19	1	8	3	94	0.00	0.0	3.079	0.035	0	0	0	5
PL.45615	PL.45614	B	4ACSR	7.30Y	121.7	0.00	4.29	1.19	1	8	3	94	0.00	0.0	3.094	0.015	0	0	0	5
6190002	PL.45615	B	Consumer	7.30Y	121.7	0.00	4.29	0.72	0	5	2	93	0.00	0.0	3.094	0.000	5	2	1	1
PL.39444	PL.45615	B	2ACSR	7.30Y	121.7	0.00	4.29	0.47	0	3	1	95	0.00	0.0	3.129	0.035	0	0	0	4
6190005	PL.39444	B	Consumer	7.30Y	121.7	0.00	4.29	0.08	0	1	0	100	0.00	0.0	3.129	0.000	1	0	1	1
PL.41283	PL.39444	B	2ACSR	7.30Y	121.7	0.00	4.29	0.39	0	3	1	95	0.00	0.0	3.149	0.020	0	0	0	3
PL.41284	PL.41283	B	2ACSR	7.30Y	121.7	0.00	4.29	0.38	0	3	1	95	0.00	0.0	3.168	0.019	0	0	0	2
6100001	PL.41284	B	Consumer	7.30Y	121.7	0.00	4.29	0.38	0	3	1	95	0.00	0.0	3.168	0.000	3	1	1	1
6100003	PL.41284	B	Consumer	7.30Y	121.7	0.00	4.29	0.00	0	0	0	100	0.00	0.0	3.168	0.000	0	0	0	0
PL.45635	PL.41284	B	2ACSR	7.30Y	121.7	0.00	4.29	0.01	0	0	0	100	0.00	0.0	3.209	0.041	0	0	0	1
PL.45636	PL.45635	B	2ACSR	7.30Y	121.7	0.00	4.29	0.01	0	0	0	100	0.00	0.0	3.252	0.043	0	0	0	1
0739025	PL.45636	B	Consumer	7.30Y	121.7	0.00	4.29	0.01	0	0	0	100	0.00	0.0	3.252	0.000	0	0	1	1
0739027	PL.45636	B	Consumer	7.30Y	121.7	0.00	4.29	0.00	0	0	0	100	0.00	0.0	3.252	0.000	0	0	0	0
6100004	PL.45635	B	Consumer	7.30Y	121.7	0.00	4.29	0.00	0	0	0	100	0.00	0.0	3.209	0.000	0	0	0	0
6100005	PL.45635	B	Consumer	7.30Y	121.7	0.00	4.29	0.00	0	0	0	100	0.00	0.0	3.209	0.000	0	0	0	0
6100002	PL.41283	B	Consumer	7.30Y	121.7	0.00	4.29	0.00	0	0	0	100	0.00	0.0	3.149	0.000	0	0	1	1
6190009	PL.45614	B	Consumer	7.30Y	121.7	0.00	4.29	0.00	0	0	0	100	0.00	0.0	3.079	0.000	0	0	0	0
PL.33034	PL.33033	A	336ACSR	7.50Y	124.9	-0.00	1.08	6.54	1	45	20	91	0.02	0.0	3.075	0.031	0	0	0	19
		B		7.30Y	121.7	0.01	4.30	21.59	5	144	64	92					0	0	0	46
		C		7.23Y	120.5	0.01	5.52	39.25	9	259	116	91					0	0	0	82
PL.44191	PL.33034	A	336ACSR	7.50Y	124.9	-0.00	1.07	6.54	1	45	20	91	0.03	0.0	3.118	0.043	0	0	0	19
		B		7.30Y	121.7	0.01	4.31	21.59	5	144	64	92					0	0	0	46
		C		7.23Y	120.5	0.01	5.54	36.60	8	242	108	91					0	0	0	80
PL.44192	PL.44191	A	336ACSR	7.50Y	124.9	-0.02	1.05	6.51	1	45	20	91	0.08	0.0	3.256	0.139	0	0	0	18
		B		7.30Y	121.6	0.04	4.36	21.59	5	144	64	92					0	0	0	46
		C		7.22Y	120.4	0.05	5.59	36.60	8	242	108	91					0	0	0	80
0739023	PL.44192	B	Consumer	7.30Y	121.6	0.00	4.36	0.00	0	0	0	100	0.00	0.0	3.256	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: STANTON

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.42272, 0739024, PL.42273, etc.

Unbalanced Voltage Drop Report
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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:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, 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.11-A, PD.11-B, PL.17636, etc.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.4938	PL.4937	A	4ACSR	7.51Y	125.1	0.00	0.88	0.30	0	2	1	89	0.00	0.0	6.401	0.152	0	0	0	3
075930	PL.4938	A	Consumer	7.51Y	125.1	0.00	0.88	0.01	0	0	0	100	0.00	0.0	6.401	0.000	0	0	1	1
PL.4939	PL.4938	A	4ACSR	7.51Y	125.1	0.00	0.88	0.28	0	2	1	89	0.00	0.0	6.485	0.084	0	0	0	2
PL.4940	PL.4939	A	4ACSR	7.51Y	125.1	0.00	0.88	0.20	0	1	1	71	0.00	0.0	6.617	0.132	0	0	0	1
PL.4941	PL.4940	A	4ACSR	7.51Y	125.1	0.00	0.88	0.20	0	1	1	71	0.00	0.0	6.672	0.055	0	0	0	1
075920	PL.4941	A	Consumer	7.51Y	125.1	0.00	0.88	0.20	0	1	1	71	0.00	0.0	6.672	0.000	1	1	1	1
075927	PL.4939	A	Consumer	7.51Y	125.1	0.00	0.88	0.08	0	1	0	100	0.00	0.0	6.485	0.000	1	0	1	1
075928	PL.4939	A	Consumer	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	6.485	0.000	0	0	0	0
075918	PL.4939	A	Consumer	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	6.485	0.000	0	0	0	0
PL.17691	PL.17693	A	4ACSR	7.51Y	125.1	0.00	0.88	0.69	1	5	2	93	0.00	0.0	6.065	0.005	0	0	0	1
PD.2239	PL.17691	A	fuse6AMP	7.51Y	125.1	0.00	0.88	0.69	12	5	2	93	0.00	0.0	6.065	0.000	0	0	0	1
PL.17692	PD.2239	A	4ACSR	7.51Y	125.1	0.00	0.88	0.69	1	5	2	93	0.00	0.0	6.167	0.102	0	0	0	1
075929	PL.17692	A	Consumer	7.51Y	125.1	0.00	0.88	0.69	0	5	2	93	0.00	0.0	6.167	0.000	5	2	1	1
PL.4936	PL.17693	A	4ACSR	7.51Y	125.1	0.00	0.88	3.32	3	23	10	92	0.00	0.0	6.076	0.017	0	0	0	8
PL.4935	PL.4936	A	4ACSR	7.51Y	125.1	0.01	0.88	3.32	3	23	10	92	0.00	0.0	6.109	0.033	0	0	0	8
PL.13226	PL.4935	A	4ACSR	7.51Y	125.1	0.02	0.90	3.32	3	23	10	92	0.00	0.0	6.209	0.099	0	0	0	8
PD.3788	PL.13226	A	fuse6AMP	7.51Y	125.1	0.00	0.90	3.32	57	23	10	92	0.00	0.0	6.209	0.000	0	0	0	8
PL.13225	PD.3788	A	4ACSR	7.51Y	125.1	0.01	0.91	2.25	2	15	7	91	0.00	0.0	6.313	0.104	0	0	0	7
PL.16879	PL.13225	A	4ACSR	7.51Y	125.1	0.01	0.92	1.67	1	11	5	91	0.00	0.0	6.391	0.077	0	0	0	6
PL.31462	PL.16879	A	4ACSR	7.51Y	125.1	0.00	0.92	1.67	1	11	5	91	0.00	0.0	6.391	0.001	0	0	0	6
075916	PL.31462	A	Consumer	7.51Y	125.1	0.00	0.92	0.23	0	2	1	89	0.00	0.0	6.391	0.000	2	1	1	1
PL.31463	PL.31462	A	4ACSR	7.51Y	125.1	0.00	0.92	1.44	1	10	4	93	0.00	0.0	6.392	0.001	0	0	0	5
PD.3790-A	PL.31463	A	Closed	7.51Y	125.1	0.00	0.92	1.44	0	10	4	93	0.00	0.0	6.392	0.000	0	0	0	5
PD.3790-B	PD.3790-A	A	Closed	7.51Y	125.1	0.00	0.92	1.44	0	10	4	93	0.00	0.0	6.392	0.000	0	0	0	5
PL.30853	PD.3790-B	A	4ACSR	7.51Y	125.1	0.00	0.92	1.44	1	10	4	93	0.00	0.0	6.396	0.004	0	0	0	5
PL.30830	PL.30853	A	4ACSR	7.51Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	6.399	0.003	0	0	0	0
PL.38809	PL.30830	A	4ACSR	7.51Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	6.865	0.466	0	0	0	0
PD.6723-B	PL.38809	A	Open	7.51Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	6.865	0.000	0	0	0	0
PL.46039	PL.30853	A	4ACSR	7.50Y	125.1	0.00	0.92	1.44	1	10	4	93	0.00	0.0	6.422	0.026	0	0	0	5
PD.8712	PL.46039	A	fuse6AMP	7.50Y	125.1	0.00	0.92	1.44	25	10	4	93	0.00	0.0	6.422	0.000	0	0	0	5
PL.46040	PD.8712	A	4ACSR	7.50Y	125.1	0.00	0.92	1.44	1	10	4	93	0.00	0.0	6.434	0.012	0	0	0	5
PL.43710	PL.46040	A	4ACSR	7.50Y	125.1	0.01	0.93	1.44	1	10	4	93	0.00	0.0	6.600	0.166	0	0	0	5
PL.25254	PL.43710	A	4ACSR	7.50Y	125.1	0.01	0.94	0.87	1	6	3	89	0.00	0.0	6.860	0.261	0	0	0	4
PL.4932	PL.25254	A	4ACSR	7.50Y	125.1	0.00	0.94	0.07	0	0	0	100	0.00	0.0	7.007	0.147	0	0	0	1
076804	PL.4932	A	Consumer	7.50Y	125.1	0.00	0.94	0.07	0	0	0	100	0.00	0.0	7.007	0.000	0	0	1	1
PL.25250	PL.25254	A	4ACSR	7.50Y	125.1	0.00	0.94	0.80	1	5	3	86	0.00	0.0	6.962	0.101	0	0	0	3
076806	PL.25250	A	Consumer	7.50Y	125.1	0.00	0.94	0.47	0	3	2	83	0.00	0.0	6.962	0.000	3	2	1	1
076802	PL.25250	A	Consumer	7.50Y	125.1	0.00	0.94	0.26	0	2	1	89	0.00	0.0	6.962	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.25251	PL.25250	A	4ACSR	7.50Y	125.1	0.00	0.94	0.06	0	0	0	100	0.00	0.0	7.073	0.111	0	0	0	1
076805	PL.25251	A	Consumer	7.50Y	125.1	0.00	0.94	0.06	0	0	0	100	0.00	0.0	7.073	0.000	0	0	1	1
076803	PL.43710	A	Consumer	7.50Y	125.1	0.00	0.93	0.57	0	4	2	89	0.00	0.0	6.600	0.000	4	2	1	1
076925	PL.13225	A	Consumer	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	6.313	0.000	0	0	0	0
075902	PL.13225	A	Consumer	7.51Y	125.1	0.00	0.91	0.58	0	4	2	89	0.00	0.0	6.313	0.000	4	2	1	1
PL.4933	PD.3788	A	4ACSR	7.51Y	125.1	0.00	0.90	1.07	1	7	3	92	0.00	0.0	6.291	0.082	0	0	0	1
076941	PL.4933	A	Consumer	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	6.291	0.000	0	0	0	0
076955	PL.4933	A	Consumer	7.51Y	125.1	0.00	0.90	1.07	0	7	3	92	0.00	0.0	6.291	0.000	7	3	1	1
075926	PL.38811	A	Consumer	7.51Y	125.2	0.00	0.85	0.23	0	2	1	89	0.00	0.0	5.912	0.000	2	1	1	1
PL.38812	PL.38846	A	4ACSR	7.51Y	125.2	0.00	0.83	1.09	1	8	3	94	0.00	0.0	5.877	0.040	0	0	0	2
075939	PL.38812	A	Consumer	7.51Y	125.2	0.00	0.83	0.45	0	3	1	95	0.00	0.0	5.877	0.000	3	1	1	1
075942	PL.38812	A	Consumer	7.51Y	125.2	0.00	0.83	0.65	0	4	2	89	0.00	0.0	5.877	0.000	4	2	1	1
PL.46019	PL.17698	C	4ACSR	7.14Y	119.1	0.03	6.94	33.20	28	218	95	92	0.05	0.0	5.649	0.019	0	0	0	75
PD.8708	PL.46019	C	50E	7.14Y	119.1	0.00	6.94	33.20	66	217	95	92	0.00	0.0	5.649	0.000	0	0	0	75
PL.46020	PD.8708	C	4ACSR	7.13Y	118.9	0.15	7.09	33.20	28	217	95	92	0.26	0.1	5.748	0.099	0	0	0	75
PL.13231	PL.46020	C	4ACSR	7.13Y	118.8	0.07	7.16	31.98	27	209	91	92	0.11	0.1	5.794	0.045	0	0	0	70
PL.31029	PL.13231	C	4ACSR	7.13Y	118.8	0.00	7.16	0.38	0	2	1	89	0.00	0.0	5.836	0.043	0	0	0	1
076952	PL.31029	C	Consumer	7.13Y	118.8	0.00	7.16	0.38	0	2	1	89	0.00	0.0	5.836	0.000	2	1	1	1
076906	PL.13231	C	Consumer	7.13Y	118.8	0.00	7.16	0.00	0	0	0	100	0.00	0.0	5.794	0.000	0	0	0	0
PL.38816	PL.13231	C	4ACSR	7.13Y	118.8	0.01	7.17	31.15	26	204	88	92	0.01	0.0	5.800	0.006	0	0	0	66
PL.38817	PL.38816	C	4ACSR	7.11Y	118.5	0.29	7.46	31.15	26	204	88	92	0.47	0.2	6.003	0.203	0	0	0	66
PL.39503	PL.38817	C	4ACSR	7.11Y	118.5	0.02	7.47	29.85	25	195	84	92	0.02	0.0	6.014	0.011	0	0	0	63
0769061	PL.39503	C	Consumer	7.11Y	118.5	0.00	7.47	0.48	0	3	1	95	0.00	0.0	6.014	0.000	3	1	1	1
PL.39502	PL.39503	C	4ACSR	7.11Y	118.4	0.08	7.56	29.37	25	192	83	92	0.13	0.1	6.076	0.062	0	0	0	62
PL.4478	PL.39502	C	4ACSR	7.10Y	118.4	0.08	7.64	27.60	23	180	78	92	0.12	0.1	6.141	0.065	0	0	0	59
PL.4480	PL.4478	C	4ACSR	7.10Y	118.4	0.00	7.64	0.91	1	6	3	89	0.00	0.0	6.205	0.065	0	0	0	1
076927	PL.4480	C	Consumer	7.10Y	118.4	0.00	7.64	0.91	0	6	3	89	0.00	0.0	6.205	0.000	6	3	1	1
PL.4477	PL.4478	C	4ACSR	7.10Y	118.3	0.04	7.68	26.69	22	174	75	92	0.05	0.0	6.170	0.030	0	0	0	58
076908	PL.4477	C	Consumer	7.10Y	118.3	0.00	7.68	0.29	0	2	1	89	0.00	0.0	6.170	0.000	2	1	1	1
PL.16868	PL.4477	C	4ACSR	7.09Y	118.2	0.17	7.85	26.40	22	172	75	92	0.23	0.1	6.310	0.140	0	0	0	57
C PD.2232	PL.16868	C	fuse6AMP	7.09Y	118.2	0.00	7.85	26.40	451	172	74	92	0.00	0.0	6.310	0.000	0	0	0	57 C
PL.16867	PD.2232	C	4ACSR	7.09Y	118.1	0.01	7.85	26.40	22	172	74	92	0.01	0.0	6.315	0.005	0	0	0	57
PL.4692	PL.16867	C	4ACSR	7.09Y	118.1	0.01	7.86	0.90	1	6	3	89	0.00	0.0	6.448	0.133	0	0	0	1
076950	PL.4692	C	Consumer	7.09Y	118.1	0.00	7.86	0.90	0	6	3	89	0.00	0.0	6.448	0.000	6	3	1	1
PL.13829	PL.16867	C	4ACSR	7.09Y	118.1	0.01	7.87	4.86	4	32	14	92	0.00	0.0	6.376	0.060	0	0	0	11
PL.13828	PL.13829	C	4ACSR	7.09Y	118.1	0.03	7.89	4.58	4	30	13	92	0.01	0.0	6.504	0.128	0	0	0	10
PL.13827	PL.13828	C	4ACSR	7.09Y	118.1	0.02	7.92	4.58	4	30	13	92	0.01	0.0	6.608	0.104	0	0	0	9
076903	PL.13827	C	Consumer	7.09Y	118.1	0.00	7.92	0.10	0	1	0	100	0.00	0.0	6.608	0.000	1	0	1	1

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru % Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
076948	PL.13827	C	Consumer	7.09Y	118.1	0.00	7.92	0.22	0	1	1	71	0.00	0.0	6.608	0.000	1	1	1	1
076918	PL.13827	C	Consumer	7.09Y	118.1	0.00	7.92	0.44	0	3	1	95	0.00	0.0	6.608	0.000	3	1	1	1
PL.13826	PL.13827	C	4ACSR	7.08Y	118.1	0.01	7.93	3.82	3	25	11	92	0.00	0.0	6.689	0.081	0	0	0	6
PL.16873	PL.13826	C	4ACSR	7.08Y	118.1	0.00	7.93	0.66	1	4	2	89	0.00	0.0	6.694	0.005	0	0	0	1
PD.2229	PL.16873	C	fuse6AMP	7.08Y	118.1	0.00	7.93	0.66	11	4	2	89	0.00	0.0	6.694	0.000	0	0	0	1
PL.16874	PD.2229	C	4ACSR	7.08Y	118.1	0.00	7.93	0.66	1	4	2	89	0.00	0.0	6.782	0.088	0	0	0	1
076942	PL.16874	C	Consumer	7.08Y	118.1	0.00	7.93	0.66	0	4	2	89	0.00	0.0	6.782	0.000	4	2	1	1
PL.13229	PL.13826	C	4ACSR	7.08Y	118.1	0.00	7.93	0.37	0	2	1	89	0.00	0.0	6.782	0.094	0	0	0	2
PL.16877	PL.13229	C	4ACSR	7.08Y	118.1	0.00	7.93	0.00	0	0	0	100	0.00	0.0	6.788	0.006	0	0	0	0
076923	PL.13229	C	Consumer	7.08Y	118.1	0.00	7.93	0.23	0	2	1	89	0.00	0.0	6.782	0.000	2	1	1	1
PL.13228	PL.13229	C	4ACSR	7.08Y	118.1	0.00	7.93	0.13	0	1	0	100	0.00	0.0	6.860	0.078	0	0	0	1
PL.16875	PL.13228	C	4ACSR	7.08Y	118.1	0.00	7.93	0.13	0	1	0	100	0.00	0.0	6.866	0.006	0	0	0	1
PD.2228	PL.16875	C	fuse6AMP	7.08Y	118.1	0.00	7.93	0.13	2	1	0	100	0.00	0.0	6.866	0.000	0	0	0	1
PL.16876	PD.2228	C	4ACSR	7.08Y	118.1	0.00	7.93	0.13	0	1	0	100	0.00	0.0	6.935	0.069	0	0	0	1
076934	PL.16876	C	Consumer	7.08Y	118.1	0.00	7.93	0.13	0	1	0	100	0.00	0.0	6.935	0.000	1	0	1	1
PL.16871	PL.13826	C	4ACSR	7.08Y	118.1	0.00	7.93	2.79	2	18	8	91	0.00	0.0	6.694	0.005	0	0	0	3
PD.2230	PL.16871	C	fuse6AMP	7.08Y	118.1	0.00	7.93	2.79	48	18	8	91	0.00	0.0	6.694	0.000	0	0	0	3
PL.16872	PD.2230	C	4ACSR	7.08Y	118.1	0.01	7.94	2.79	2	18	8	91	0.00	0.0	6.798	0.104	0	0	0	3
PL.25252	PL.16872	C	4ACSR	7.08Y	118.1	0.00	7.94	0.63	1	4	2	89	0.00	0.0	6.824	0.025	0	0	0	1
076901	PL.25252	C	Consumer	7.08Y	118.1	0.00	7.94	0.63	0	4	2	89	0.00	0.0	6.824	0.000	4	2	1	1
076929	PL.16872	C	Consumer	7.08Y	118.1	0.00	7.94	0.84	0	5	2	93	0.00	0.0	6.798	0.000	5	2	1	1
076917	PL.16872	C	Consumer	7.08Y	118.1	0.00	7.94	1.31	0	9	4	91	0.00	0.0	6.798	0.000	9	4	1	1
PL.16869	PL.13828	C	4ACSR	7.09Y	118.1	0.00	7.89	0.00	0	0	0	100	0.00	0.0	6.510	0.006	0	0	0	1
PD.2231	PL.16869	C	fuse6AMP	7.09Y	118.1	0.00	7.89	0.00	0	0	0	100	0.00	0.0	6.510	0.000	0	0	0	1
PL.16870	PD.2231	C	4ACSR	7.09Y	118.1	0.00	7.89	0.00	0	0	0	100	0.00	0.0	6.580	0.070	0	0	0	1
076921	PL.16870	C	Consumer	7.09Y	118.1	0.00	7.89	0.00	0	0	0	100	0.00	0.0	6.580	0.000	0	0	1	1
076924	PL.13829	C	Consumer	7.09Y	118.1	0.00	7.87	0.00	0	0	0	100	0.00	0.0	6.376	0.000	0	0	0	0
076905	PL.13829	C	Consumer	7.09Y	118.1	0.00	7.87	0.28	0	2	1	89	0.00	0.0	6.376	0.000	2	1	1	1
PL.13830	PL.16867	C	4ACSR	7.08Y	118.1	0.10	7.95	20.64	17	134	58	92	0.10	0.1	6.415	0.100	0	0	0	45
076932	PL.13830	C	Consumer	7.08Y	118.1	0.00	7.95	0.00	0	0	0	100	0.00	0.0	6.415	0.000	0	0	0	0
L PL.25249	PL.13830	C	4ACSR	7.08Y	117.9	0.13	8.08	20.64	17	134	58	92	0.14	0.1	6.551	0.136	0	0	0	45 L
L 076944	PL.25249	C	Consumer	7.08Y	117.9	0.00	8.08	0.00	0	0	0	100	0.00	0.0	6.551	0.000	0	0	0	0 L
L PL.25248	PL.25249	C	4ACSR	7.07Y	117.9	0.04	8.12	19.97	17	130	56	92	0.04	0.0	6.596	0.045	0	0	0	43 L
L PL.13831	PL.25248	C	4ACSR	7.07Y	117.8	0.11	8.23	19.97	17	130	56	92	0.11	0.1	6.712	0.116	0	0	0	43 L
L PL.27185	PL.13831	C	4ACSR	7.07Y	117.8	0.00	8.23	0.00	0	0	0	100	0.00	0.0	6.718	0.005	0	0	0	0 L
L PD.2234	PL.27185	C	fuse6AMP	7.07Y	117.8	0.00	8.23	0.00	0	0	0	100	0.00	0.0	6.718	0.000	0	0	0	0 L
L PL.16864	PD.2234	C	4ACSR	7.07Y	117.8	0.00	8.23	0.00	0	0	0	100	0.00	0.0	6.748	0.031	0	0	0	0 L
L PL.13832	PL.13831	C	4ACSR	7.06Y	117.7	0.09	8.31	19.97	17	130	56	92	0.09	0.1	6.807	0.095	0	0	0	43 L

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	Length (mi)					KW	KVAR		
L PL.31030	PL.13832	C	4ACSR	7.06Y	117.7	0.02	8.33	5.45	5	35	15	92	0.01	0.0	6.893	0.086	0	0	0	13	L
L PL.13039	PL.31030	C	4ACSR	7.06Y	117.7	0.01	8.34	4.86	4	32	14	92	0.00	0.0	6.936	0.043	0	0	0	11	L
L PL.8250	PL.13039	C	4ACSR	7.06Y	117.6	0.01	8.36	4.08	3	26	11	92	0.00	0.0	7.006	0.071	0	0	0	10	L
L PL.8235	PL.8250	C	4ACSR	7.06Y	117.6	0.02	8.38	3.31	3	21	9	92	0.00	0.0	7.162	0.156	0	0	0	7	L
L PL.16755	PL.8235	C	4ACSR	7.06Y	117.6	0.03	8.41	3.31	3	21	9	92	0.01	0.0	7.370	0.207	0	0	0	7	L
L PD.2247	PL.16755	C	fuse6AMP	7.06Y	117.6	0.00	8.41	3.31	57	21	9	92	0.00	0.0	7.370	0.000	0	0	0	7	L
L PL.16756	PD.2247	C	4ACSR	7.06Y	117.6	0.00	8.41	3.31	3	21	9	92	0.00	0.0	7.375	0.005	0	0	0	7	L
L PL.13839	PL.16756	C	4ACSR	7.05Y	117.6	0.02	8.43	3.31	3	21	9	92	0.00	0.0	7.502	0.127	0	0	0	7	L
L 076904	PL.13839	C	Consumer	7.05Y	117.6	0.00	8.43	0.16	0	1	0	100	0.00	0.0	7.502	0.000	1	0	1	1	L
L PL.45851	PL.13839	C	4ACSR	7.05Y	117.6	0.01	8.44	3.15	3	20	9	91	0.00	0.0	7.537	0.036	0	0	0	6	L
L PL.45852	PL.45851	C	4ACSR	7.05Y	117.6	0.01	8.45	3.15	3	20	9	91	0.00	0.0	7.589	0.051	0	0	0	6	L
L PL.8228	PL.45852	C	4ACSR	7.05Y	117.5	0.01	8.46	2.71	2	18	8	91	0.00	0.0	7.682	0.093	0	0	0	5	L
L 076953	PL.8228	C	Consumer	7.05Y	117.5	0.00	8.46	0.51	0	3	1	95	0.00	0.0	7.682	0.000	3	1	1	1	L
L PL.25268	PL.8228	C	4ACSR	7.05Y	117.5	0.01	8.47	2.20	2	14	6	92	0.00	0.0	7.784	0.102	0	0	0	4	L
L PL.36491	PL.25268	C	4ACSR	7.05Y	117.5	0.00	8.47	1.61	1	10	5	89	0.00	0.0	7.805	0.021	0	0	0	3	L
L 0769060	PL.36491	C	Consumer	7.05Y	117.5	0.00	8.47	0.00	0	0	0	100	0.00	0.0	7.805	0.000	0	0	0	0	L
L PL.36492	PL.36491	C	4ACSR	7.05Y	117.5	0.00	8.47	1.61	1	10	5	89	0.00	0.0	7.835	0.030	0	0	0	3	L
L PL.31031	PL.36492	C	4ACSR	7.05Y	117.5	0.00	8.47	1.53	1	10	4	93	0.00	0.0	7.873	0.038	0	0	0	1	L
L 0769058	PL.31031	C	Consumer	7.05Y	117.5	0.00	8.47	1.53	0	10	4	93	0.00	0.0	7.873	0.000	10	4	1	1	L
L PL.44168	PL.36492	C	4ACSR	7.05Y	117.5	0.00	8.47	0.08	0	1	0	100	0.00	0.0	8.081	0.246	0	0	0	2	L
L 0769062	PL.44168	C	Consumer	7.05Y	117.5	0.00	8.47	0.01	0	0	0	100	0.00	0.0	8.081	0.000	0	0	1	1	L
L PL.44169	PL.44168	C	4ACSR	7.05Y	117.5	0.00	8.47	0.08	0	0	0	100	0.00	0.0	8.139	0.059	0	0	0	1	L
L 076810	PL.44169	C	Consumer	7.05Y	117.5	0.00	8.47	0.08	0	0	0	100	0.00	0.0	8.139	0.000	0	0	1	1	L
L PL.13842	PL.44169	C	4ACSR	7.05Y	117.5	0.00	8.47	0.00	0	0	0	100	0.00	0.0	8.313	0.173	0	0	0	0	L
L 076939	PL.25268	C	Consumer	7.05Y	117.5	0.00	8.47	0.59	0	4	2	89	0.00	0.0	7.784	0.000	4	2	1	1	L
L 076954	PL.45852	C	Consumer	7.05Y	117.6	0.00	8.45	0.44	0	3	1	95	0.00	0.0	7.589	0.000	3	1	1	1	L
L 0769063	PL.45851	C	Consumer	7.05Y	117.6	0.00	8.44	0.00	0	0	0	100	0.00	0.0	7.537	0.000	0	0	0	0	L
L PL.4706	PL.16756	C	4ACSR	7.06Y	117.6	0.00	8.41	0.00	0	0	0	100	0.00	0.0	7.380	0.005	0	0	0	0	L
L PL.16713	PL.16756	C	4ACSR	7.06Y	117.6	0.00	8.41	0.00	0	0	0	100	0.00	0.0	7.380	0.005	0	0	0	0	L
L PD.2246	PL.16713	C	fuse6AMP	7.06Y	117.6	0.00	8.41	0.00	0	0	0	100	0.00	0.0	7.380	0.000	0	0	0	0	L
L PL.16714	PD.2246	C	4ACSR	7.06Y	117.6	0.00	8.41	0.00	0	0	0	100	0.00	0.0	7.670	0.290	0	0	0	0	L
L 077902	PL.8235	C	Consumer	7.06Y	117.6	0.00	8.38	0.00	0	0	0	100	0.00	0.0	7.162	0.000	0	0	0	0	L
L PL.8234	PL.8235	C	4ACSR	7.06Y	117.6	0.00	8.38	0.00	0	0	0	100	0.00	0.0	7.282	0.120	0	0	0	0	L
L 077907	PL.8250	C	Consumer	7.06Y	117.6	0.00	8.36	0.20	0	1	1	71	0.00	0.0	7.006	0.000	1	1	1	1	L
L 077910	PL.8250	C	Consumer	7.06Y	117.6	0.00	8.36	0.42	0	3	1	95	0.00	0.0	7.006	0.000	3	1	1	1	L
L 077903	PL.8250	C	Consumer	7.06Y	117.6	0.00	8.36	0.15	0	1	0	100	0.00	0.0	7.006	0.000	1	0	1	1	L
L 077914	PL.13039	C	Consumer	7.06Y	117.7	0.00	8.34	0.79	0	5	2	93	0.00	0.0	6.936	0.000	5	2	1	1	L
L PL.19563	PL.31030	C	4ACSR	7.06Y	117.7	0.00	8.33	0.58	0	4	2	89	0.00	0.0	6.915	0.023	0	0	0	2	L

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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 077906	PL.19563	C	Consumer	7.06Y	117.7	0.00	8.33	0.55	0	4	2	89	0.00	0.0	6.915	0.000	4	2	1	1	L	
L PL.19564	PL.19563	C	4ACSR	7.06Y	117.7	0.00	8.33	0.03	0	0	0	100	0.00	0.0	6.938	0.022	0	0	0	0	1	L
L PL.8236	PL.19564	C	4ACSR	7.06Y	117.7	0.00	8.33	0.03	0	0	0	100	0.00	0.0	6.956	0.019	0	0	0	0	1	L
L 077904	PL.8236	C	Consumer	7.06Y	117.7	0.00	8.33	0.03	0	0	0	100	0.00	0.0	6.956	0.000	0	0	1	1	1	L
L 077909	PL.8236	C	Consumer	7.06Y	117.7	0.00	8.33	0.00	0	0	0	100	0.00	0.0	6.956	0.000	0	0	0	0	0	L
L PL.13835	PL.31030	C	4ACSR	7.06Y	117.7	0.00	8.33	0.00	0	0	0	100	0.00	0.0	6.898	0.005	0	0	0	0	0	L
L PL.27181	PL.13832	C	4ACSR	7.06Y	117.7	0.00	8.31	0.75	1	5	2	93	0.00	0.0	6.812	0.006	0	0	0	0	1	L
L PD.2235	PL.27181	C	fuse6AMP	7.06Y	117.7	0.00	8.31	0.75	13	5	2	93	0.00	0.0	6.812	0.000	0	0	0	0	1	L
L PL.27182	PD.2235	C	4ACSR	7.06Y	117.7	0.00	8.31	0.75	1	5	2	93	0.00	0.0	6.857	0.045	0	0	0	0	1	L
L 076915	PL.27182	C	Consumer	7.06Y	117.7	0.00	8.31	0.75	0	5	2	93	0.00	0.0	6.857	0.000	5	2	1	1	1	L
L PL.27179	PL.13832	C	4ACSR	7.06Y	117.7	0.00	8.31	0.35	0	2	1	89	0.00	0.0	6.812	0.005	0	0	0	0	1	L
L PD.2236	PL.27179	C	fuse6AMP	7.06Y	117.7	0.00	8.31	0.35	6	2	1	89	0.00	0.0	6.812	0.000	0	0	0	0	1	L
L PL.27180	PD.2236	C	4ACSR	7.06Y	117.7	0.00	8.31	0.35	0	2	1	89	0.00	0.0	6.825	0.013	0	0	0	0	1	L
L PL.25247	PL.27180	C	4ACSR	7.06Y	117.7	0.00	8.31	0.35	0	2	1	89	0.00	0.0	6.923	0.098	0	0	0	0	1	L
L PL.4476	PL.25247	C	4ACSR	7.06Y	117.7	0.00	8.32	0.35	0	2	1	89	0.00	0.0	6.969	0.046	0	0	0	0	1	L
L PL.4475	PL.4476	C	4ACSR	7.06Y	117.7	0.00	8.32	0.35	0	2	1	89	0.00	0.0	7.025	0.056	0	0	0	0	1	L
L 076933	PL.4475	C	Consumer	7.06Y	117.7	0.00	8.32	0.35	0	2	1	89	0.00	0.0	7.025	0.000	2	1	1	1	1	L
L 076920	PL.27180	C	Consumer	7.06Y	117.7	0.00	8.31	0.00	0	0	0	100	0.00	0.0	6.825	0.000	0	0	0	0	0	L
L PL.27183	PL.13832	C	4ACSR	7.06Y	117.7	0.00	8.32	13.43	11	87	38	92	0.00	0.0	6.812	0.005	0	0	0	0	28	L
L PD.10-A	PL.27183	C	Closed	7.06Y	117.7	0.00	8.32	13.43	0	87	38	92	0.00	0.0	6.812	0.000	0	0	0	0	28	L
L PD.10-B	PD.10-A	C	Closed	7.06Y	117.7	0.00	8.32	13.43	0	87	38	92	0.00	0.0	6.812	0.000	0	0	0	0	28	L
L PL.27184	PD.10-B	C	4ACSR	7.06Y	117.6	0.09	8.41	13.43	11	87	38	92	0.06	0.1	6.960	0.148	0	0	0	0	28	L
L PL.13833	PL.27184	C	4ACSR	7.05Y	117.6	0.03	8.44	13.43	11	87	38	92	0.02	0.0	7.008	0.048	0	0	0	0	27	L
L PL.30865	PL.13833	C	4ACSR	7.05Y	117.6	0.00	8.44	0.23	0	1	1	71	0.00	0.0	7.008	0.000	0	0	0	0	3	L
L PD.3791	PL.30865	C	fuse6AMP	7.05Y	117.6	0.00	8.44	0.23	4	1	1	71	0.00	0.0	7.008	0.000	0	0	0	0	3	L
L PL.30866	PD.3791	C	4ACSR	7.05Y	117.6	0.00	8.44	0.23	0	1	1	71	0.00	0.0	7.046	0.038	0	0	0	0	3	L
L PL.4702	PL.30866	C	4ACSR	7.05Y	117.6	0.00	8.44	0.23	0	1	1	71	0.00	0.0	7.077	0.031	0	0	0	0	3	L
L PL.4711	PL.4702	C	4ACSR	7.05Y	117.6	0.00	8.44	0.23	0	1	1	71	0.00	0.0	7.206	0.129	0	0	0	0	2	L
L PL.4712	PL.4711	C	4ACSR	7.05Y	117.6	0.00	8.44	0.23	0	1	1	71	0.00	0.0	7.301	0.095	0	0	0	0	2	L
L 077912	PL.4712	C	Consumer	7.05Y	117.6	0.00	8.44	0.20	0	1	1	71	0.00	0.0	7.301	0.000	1	1	1	1	1	L
L 077911	PL.4712	C	Consumer	7.05Y	117.6	0.00	8.44	0.03	0	0	0	100	0.00	0.0	7.301	0.000	0	0	1	1	1	L
L 077905	PL.4702	C	Consumer	7.05Y	117.6	0.00	8.44	0.00	0	0	0	100	0.00	0.0	7.077	0.000	0	0	1	1	1	L
L PL.13834	PL.13833	C	4ACSR	7.05Y	117.5	0.04	8.48	13.20	11	85	37	92	0.03	0.0	7.073	0.065	0	0	0	0	24	L
L PL.240	PL.13834	C	4ACSR	7.05Y	117.5	0.03	8.51	13.20	11	85	37	92	0.02	0.0	7.124	0.051	0	0	0	0	24	L
L PL.13040	PL.240	C	4ACSR	7.05Y	117.4	0.05	8.55	13.20	11	85	37	92	0.03	0.0	7.198	0.074	0	0	0	0	24	L
L PL.8479	PL.13040	C	4ACSR	7.05Y	117.4	0.01	8.57	3.44	3	22	10	91	0.00	0.0	7.290	0.092	0	0	0	0	6	L
L 086213	PL.8479	C	Consumer	7.05Y	117.4	0.00	8.57	0.64	0	4	2	89	0.00	0.0	7.290	0.000	4	2	1	1	1	L
L PL.17887	PL.8479	C	4ACSR	7.05Y	117.4	0.00	8.57	0.37	0	2	1	89	0.00	0.0	7.303	0.013	0	0	0	0	1	L

Unbalanced Voltage Drop Report
Source: STANTON

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 list various electrical elements and their properties.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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 087202	PL.25302	C	Consumer	7.04Y	117.3	0.00	8.68	0.00	0	0	0	100	0.00	0.0	7.512	0.000	0	0	1	1	L	
L PL.30877	PL.25302	C	4ACSR	7.04Y	117.3	0.01	8.69	8.44	7	55	24	92	0.00	0.0	7.528	0.016	0	0	0	0	14	L
L PD.3798-A	PL.30877	C	Closed	7.04Y	117.3	0.00	8.69	8.44	0	55	24	92	0.00	0.0	7.528	0.000	0	0	0	0	14	L
L PD.3798-B	PD.3798-A	C	Closed	7.04Y	117.3	0.00	8.69	8.44	0	55	24	92	0.00	0.0	7.528	0.000	0	0	0	0	14	L
L PL.30878	PD.3798-B	C	4ACSR	7.04Y	117.3	0.00	8.69	8.44	7	55	24	92	0.00	0.0	7.530	0.002	0	0	0	0	14	L
L PL.30889	PL.30878	C	4ACSR	7.04Y	117.3	0.03	8.71	7.39	6	48	21	92	0.01	0.0	7.608	0.078	0	0	0	0	12	L
L PD.3799	PL.30889	C	fuse6AMP	7.04Y	117.3	0.00	8.71	7.39	126	48	21	92	0.00	0.0	7.608	0.000	0	0	0	0	12	L
L PL.30890	PD.3799	C	4ACSR	7.04Y	117.3	0.00	8.71	7.39	6	48	21	92	0.00	0.0	7.608	0.000	0	0	0	0	12	L
L PL.5292	PL.30890	C	4ACSR	7.04Y	117.3	0.00	8.72	1.08	1	7	3	92	0.00	0.0	7.690	0.082	0	0	0	0	2	L
L 087210	PL.5292	C	Consumer	7.04Y	117.3	0.00	8.72	0.95	0	6	3	89	0.00	0.0	7.690	0.000	6	3	1	1	1	L
L 087225	PL.5292	C	Consumer	7.04Y	117.3	0.00	8.72	0.13	0	1	0	100	0.00	0.0	7.690	0.000	1	0	1	1	1	L
L 087216	PL.5292	C	Consumer	7.04Y	117.3	0.00	8.72	0.00	0	0	0	100	0.00	0.0	7.690	0.000	0	0	0	0	0	L
L PL.5294	PL.30890	C	4ACSR	7.04Y	117.3	0.00	8.72	0.97	1	6	3	89	0.00	0.0	7.635	0.027	0	0	0	0	1	L
L 087217	PL.5294	C	Consumer	7.04Y	117.3	0.00	8.72	0.00	0	0	0	100	0.00	0.0	7.635	0.000	0	0	0	0	0	L
L 087206	PL.5294	C	Consumer	7.04Y	117.3	0.00	8.72	0.97	0	6	3	89	0.00	0.0	7.635	0.000	6	3	1	1	1	L
L PL.13836	PL.30890	C	4ACSR	7.03Y	117.2	0.04	8.75	5.34	4	34	15	91	0.01	0.0	7.756	0.148	0	0	0	0	9	L
L PL.30891	PL.13836	C	4ACSR	7.03Y	117.2	0.00	8.75	3.35	3	22	9	93	0.00	0.0	7.757	0.001	0	0	0	0	5	L
L PD.3801-A	PL.30891	C	Closed	7.03Y	117.2	0.00	8.75	3.35	0	22	9	93	0.00	0.0	7.757	0.000	0	0	0	0	5	L
L PD.3801-B	PD.3801-A	C	Closed	7.03Y	117.2	0.00	8.75	3.35	0	22	9	93	0.00	0.0	7.757	0.000	0	0	0	0	5	L
L PL.30892	PD.3801-B	C	4ACSR	7.03Y	117.2	0.01	8.76	3.35	3	22	9	93	0.00	0.0	7.824	0.067	0	0	0	0	5	L
L PL.5287	PL.30892	C	4ACSR	7.03Y	117.2	0.01	8.77	2.22	2	14	6	92	0.00	0.0	7.880	0.056	0	0	0	0	3	L
L 087222	PL.5287	C	Consumer	7.03Y	117.2	0.00	8.77	0.37	0	2	1	89	0.00	0.0	7.880	0.000	2	1	1	1	1	L
L PL.5288	PL.5287	C	4ACSR	7.03Y	117.2	0.01	8.78	1.85	2	12	5	92	0.00	0.0	8.034	0.154	0	0	0	0	2	L
L 087221	PL.5288	C	Consumer	7.03Y	117.2	0.00	8.78	0.55	0	4	2	89	0.00	0.0	8.034	0.000	4	2	1	1	1	L
L PL.27101	PL.5288	C	4ACSR	7.03Y	117.2	0.00	8.78	1.30	1	8	4	89	0.00	0.0	8.045	0.011	0	0	0	0	1	L
L PD.2284	PL.27101	C	fuse6AMP	7.03Y	117.2	0.00	8.78	1.30	22	8	4	89	0.00	0.0	8.045	0.000	0	0	0	0	1	L
L PL.26693	PD.2284	C	4ACSR	7.03Y	117.2	0.01	8.79	1.30	1	8	4	89	0.00	0.0	8.143	0.098	0	0	0	0	1	L
L PL.5289	PL.26693	C	4ACSR	7.03Y	117.2	0.00	8.79	1.30	1	8	4	89	0.00	0.0	8.210	0.067	0	0	0	0	1	L
L PL.5290	PL.5289	C	4ACSR	7.03Y	117.2	0.00	8.79	1.30	1	8	4	89	0.00	0.0	8.279	0.069	0	0	0	0	1	L
L 087219	PL.5290	C	Consumer	7.03Y	117.2	0.00	8.79	1.30	0	8	4	89	0.00	0.0	8.279	0.000	8	4	1	1	1	L
L 087223	PL.30892	C	Consumer	7.03Y	117.2	0.00	8.76	0.60	0	4	2	89	0.00	0.0	7.824	0.000	4	2	1	1	1	L
L 087220	PL.30892	C	Consumer	7.03Y	117.2	0.00	8.76	0.00	0	0	0	100	0.00	0.0	7.824	0.000	0	0	0	0	0	L
L 087209	PL.30892	C	Consumer	7.03Y	117.2	0.00	8.76	0.53	0	3	1	95	0.00	0.0	7.824	0.000	3	1	1	1	1	L
L PL.30893	PL.13836	C	4ACSR	7.03Y	117.2	0.05	8.80	1.98	2	13	6	91	0.00	0.0	8.273	0.516	0	0	0	0	4	L
L PD.3802-A	PL.30893	C	Closed	7.03Y	117.2	0.00	8.80	1.98	0	13	6	91	0.00	0.0	8.273	0.000	0	0	0	0	4	L
L PD.3802-B	PD.3802-A	C	Closed	7.03Y	117.2	0.00	8.80	1.98	0	13	6	91	0.00	0.0	8.273	0.000	0	0	0	0	4	L
L PL.30894	PD.3802-B	C	4ACSR	7.03Y	117.2	0.00	8.80	1.98	2	13	6	91	0.00	0.0	8.275	0.002	0	0	0	0	4	L
L PL.13838	PL.30894	C	4ACSR	7.03Y	117.2	0.00	8.80	0.99	1	6	3	89	0.00	0.0	8.331	0.056	0	0	0	0	2	L

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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 PL.8231	PL.13838	C	4ACSR	7.03Y	117.2	0.00	8.81	0.99	1	6	3	89	0.00	0.0	8.437	0.106	0	0	0	2	L
L PL.8238	PL.8231	C	4ACSR	7.03Y	117.2	0.00	8.81	0.65	1	4	2	89	0.00	0.0	8.494	0.057	0	0	0	1	L
L 078905	PL.8238	C	Consumer	7.03Y	117.2	0.00	8.81	0.65	0	4	2	89	0.00	0.0	8.494	0.000	4	2	1	1	L
L PL.8239	PL.8238	C	4ACSR	7.03Y	117.2	0.00	8.81	0.00	0	0	0	100	0.00	0.0	8.706	0.212	0	0	0	0	L
L 078904	PL.8231	C	Consumer	7.03Y	117.2	0.00	8.81	0.34	0	2	1	89	0.00	0.0	8.437	0.000	2	1	1	1	L
L PL.5284	PL.30894	C	4ACSR	7.03Y	117.2	0.00	8.80	0.99	1	6	3	89	0.00	0.0	8.359	0.084	0	0	0	2	L
L PL.5279	PL.5284	C	4ACSR	7.03Y	117.2	0.01	8.81	0.99	1	6	3	89	0.00	0.0	8.489	0.131	0	0	0	2	L
L PL.5280	PL.5279	C	4ACSR	7.03Y	117.2	0.00	8.81	0.99	1	6	3	89	0.00	0.0	8.561	0.071	0	0	0	2	L
L PL.5281	PL.5280	C	4ACSR	7.03Y	117.2	0.00	8.82	0.99	1	6	3	89	0.00	0.0	8.649	0.088	0	0	0	2	L
L PL.5282	PL.5281	C	4ACSR	7.03Y	117.2	0.00	8.82	0.00	0	0	0	100	0.00	0.0	8.754	0.105	0	0	0	0	L
L PL.5283	PL.5282	C	4ACSR	7.03Y	117.2	0.00	8.82	0.00	0	0	0	100	0.00	0.0	8.788	0.034	0	0	0	0	L
L PL.5285	PL.5283	C	4ACSR	7.03Y	117.2	0.00	8.82	0.00	0	0	0	100	0.00	0.0	8.881	0.093	0	0	0	0	L
L PL.35035	PL.5281	C	2ACSR	7.03Y	117.2	0.00	8.82	0.00	0	0	0	100	0.00	0.0	8.776	0.127	0	0	0	1	L
L 0882003	PL.35035	C	Consumer	7.03Y	117.2	0.00	8.82	0.00	0	0	0	100	0.00	0.0	8.776	0.000	0	0	1	1	L
L 088202	PL.5281	C	Consumer	7.03Y	117.2	0.00	8.82	0.99	0	6	3	89	0.00	0.0	8.649	0.000	6	3	1	1	L
L PL.44228	PL.30878	C	4ACSR	7.04Y	117.3	0.00	8.69	0.55	0	4	2	89	0.00	0.0	7.539	0.009	0	0	0	1	L
L PL.44229	PL.44228	C	4ACSR	7.04Y	117.3	0.00	8.69	0.55	0	4	2	89	0.00	0.0	7.595	0.055	0	0	0	1	L
L 087215	PL.44229	C	Consumer	7.04Y	117.3	0.00	8.69	0.55	0	4	2	89	0.00	0.0	7.595	0.000	4	2	1	1	L
L PL.5291	PL.30878	C	4ACSR	7.04Y	117.3	0.00	8.69	0.50	0	3	1	95	0.00	0.0	7.578	0.048	0	0	0	1	L
L 087211	PL.5291	C	Consumer	7.04Y	117.3	0.00	8.69	0.50	0	3	1	95	0.00	0.0	7.578	0.000	3	1	1	1	L
L 087201	PL.44225	C	Consumer	7.04Y	117.4	0.00	8.63	0.18	0	1	0	100	0.00	0.0	7.377	0.000	1	0	1	1	L
L 087218	PL.44225	C	Consumer	7.04Y	117.4	0.00	8.63	0.00	0	0	0	100	0.00	0.0	7.377	0.000	0	0	0	0	L
L PL.30887	PL.18470	C	4ACSR	7.04Y	117.4	0.00	8.62	0.56	0	4	2	89	0.00	0.0	7.356	0.002	0	0	0	1	L
L PD.3797	PL.30887	C	fuse6AMP	7.04Y	117.4	0.00	8.62	0.56	10	4	2	89	0.00	0.0	7.356	0.000	0	0	0	1	L
L PL.30888	PD.3797	C	4ACSR	7.04Y	117.4	0.00	8.62	0.56	0	4	2	89	0.00	0.0	7.436	0.080	0	0	0	1	L
L 087213	PL.30888	C	Consumer	7.04Y	117.4	0.00	8.62	0.56	0	4	2	89	0.00	0.0	7.436	0.000	4	2	1	1	L
L PL.5295	PL.13040	C	4ACSR	7.05Y	117.4	0.00	8.55	0.59	0	4	2	89	0.00	0.0	7.251	0.052	0	0	0	1	L
L 087224	PL.5295	C	Consumer	7.05Y	117.4	0.00	8.55	0.59	0	4	2	89	0.00	0.0	7.251	0.000	4	2	1	1	L
L 076914	PL.27184	C	Consumer	7.06Y	117.6	0.00	8.41	0.00	0	0	0	100	0.00	0.0	6.960	0.000	0	0	1	1	L
L PL.16865	PL.25249	C	4ACSR	7.08Y	117.9	0.00	8.08	0.67	1	4	2	89	0.00	0.0	6.556	0.005	0	0	0	2	L
L PD.2233	PL.16865	C	fuse6AMP	7.08Y	117.9	0.00	8.08	0.67	11	4	2	89	0.00	0.0	6.556	0.000	0	0	0	2	L
L PL.32830	PD.2233	C	4ACSR	7.08Y	117.9	0.00	8.08	0.67	1	4	2	89	0.00	0.0	6.611	0.055	0	0	0	2	L
L 0769059	PL.32830	C	Consumer	7.08Y	117.9	0.00	8.08	0.44	0	3	1	95	0.00	0.0	6.611	0.000	3	1	1	1	L
L PL.32831	PL.32830	C	4ACSR	7.08Y	117.9	0.00	8.08	0.23	0	2	1	89	0.00	0.0	6.645	0.034	0	0	0	1	L
L 076910	PL.32831	C	Consumer	7.08Y	117.9	0.00	8.08	0.23	0	2	1	89	0.00	0.0	6.645	0.000	2	1	1	1	L
PL.4481	PL.39502	C	4ACSR	7.11Y	118.4	0.00	7.56	0.34	0	2	1	89	0.00	0.0	6.123	0.047	0	0	0	1	
076945	PL.4481	C	Consumer	7.11Y	118.4	0.00	7.56	0.34	0	2	1	89	0.00	0.0	6.123	0.000	2	1	1	1	
076928	PL.39502	C	Consumer	7.11Y	118.4	0.00	7.56	0.75	0	5	2	93	0.00	0.0	6.076	0.000	5	2	1	1	

Unbalanced Voltage Drop Report
Source: STANTON

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 076926, PL.38815, etc.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.4927	PL.17702	B	4ACSR	7.26Y	120.9	0.00	5.06	0.73	1	5	2	93	0.00	0.0	5.668	0.121	0	0	0	1
0759044	PL.4927	B	Consumer	7.26Y	120.9	0.00	5.06	0.73	0	5	2	93	0.00	0.0	5.668	0.000	5	2	1	1
PL.17631	PL.25293	B	4ACSR	7.26Y	121.0	0.00	5.01	0.85	1	6	2	95	0.00	0.0	5.103	0.005	0	0	0	2
PD.2223	PL.17631	B	fuse6AMP	7.26Y	121.0	0.00	5.01	0.85	15	6	2	95	0.00	0.0	5.103	0.000	0	0	0	2
PL.17632	PD.2223	B	4ACSR	7.26Y	121.0	0.00	5.01	0.85	1	6	2	95	0.00	0.0	5.163	0.061	0	0	0	2
PL.13235	PL.17632	B	4ACSR	7.26Y	121.0	0.00	5.01	0.85	1	6	2	95	0.00	0.0	5.190	0.027	0	0	0	2
PL.13236	PL.13235	B	4ACSR	7.26Y	121.0	0.00	5.02	0.80	1	5	2	93	0.00	0.0	5.273	0.083	0	0	0	1
075924	PL.13236	B	Consumer	7.26Y	121.0	0.00	5.02	0.80	0	5	2	93	0.00	0.0	5.273	0.000	5	2	1	1
PL.4695	PL.13235	B	4ACSR	7.26Y	121.0	0.00	5.01	0.05	0	0	0	100	0.00	0.0	5.270	0.080	0	0	0	1
0759043	PL.4695	B	Consumer	7.26Y	121.0	0.00	5.01	0.05	0	0	0	100	0.00	0.0	5.270	0.000	0	0	1	1
PL.17633	PL.17636	B	336ACSR	7.26Y	121.0	0.00	4.99	1.55	0	10	4	93	0.00	0.0	4.856	0.005	0	0	0	2
PD.2222	PL.17633	B	fuse6AMP	7.26Y	121.0	0.00	4.99	1.55	27	10	4	93	0.00	0.0	4.856	0.000	0	0	0	2
PL.17634	PD.2222	B	4ACSR	7.26Y	121.0	0.00	4.99	1.55	1	10	4	93	0.00	0.0	4.915	0.059	0	0	0	2
075932	PL.17634	B	Consumer	7.26Y	121.0	0.00	4.99	0.63	0	4	2	89	0.00	0.0	4.915	0.000	4	2	1	1
0759045	PL.17634	B	Consumer	7.26Y	121.0	0.00	4.99	0.00	0	0	0	100	0.00	0.0	4.915	0.000	0	0	0	0
PL.25260	PL.17634	B	4ACSR	7.26Y	121.0	0.00	4.99	0.92	1	6	3	89	0.00	0.0	4.937	0.022	0	0	0	1
PL.4929	PL.25260	B	4ACSR	7.26Y	121.0	0.00	4.99	0.92	1	6	3	89	0.00	0.0	5.001	0.064	0	0	0	1
PL.4930	PL.4929	B	4ACSR	7.26Y	121.0	0.00	5.00	0.92	1	6	3	89	0.00	0.0	5.106	0.105	0	0	0	1
075936	PL.4930	B	Consumer	7.26Y	121.0	0.00	5.00	0.92	0	6	3	89	0.00	0.0	5.106	0.000	6	3	1	1
074920	PL.21132	B	Consumer	7.26Y	121.0	0.00	4.96	0.92	0	6	3	89	0.00	0.0	4.687	0.000	6	3	1	1
074931	PL.21225	B	Consumer	7.26Y	121.1	0.00	4.93	0.12	0	1	0	100	0.00	0.0	4.512	0.000	1	0	1	1
PL.16860	PL.16863	C	4ACSR	7.17Y	119.6	0.00	6.43	0.00	0	0	0	100	0.00	0.0	4.464	0.006	0	0	0	0
PD.3264	PL.16860	C	fuse6AMP	7.17Y	119.6	0.00	6.43	0.00	0	0	0	100	0.00	0.0	4.464	0.000	0	0	0	0
PL.16861	PD.3264	C	4ACSR	7.17Y	119.6	0.00	6.43	0.00	0	0	0	100	0.00	0.0	4.524	0.060	0	0	0	0
074955	PL.16861	C	Consumer	7.17Y	119.6	0.00	6.43	0.00	0	0	0	100	0.00	0.0	4.524	0.000	0	0	0	0
074905	PL.16861	C	Consumer	7.17Y	119.6	0.00	6.43	0.00	0	0	0	100	0.00	0.0	4.524	0.000	0	0	0	0
074940	PL.8106	A	Consumer	7.50Y	125.0	0.00	0.95	0.38	0	3	1	95	0.00	0.0	4.367	0.000	3	1	1	1
074958	PL.8106	B	Consumer	7.27Y	121.1	0.00	4.91	0.15	0	1	0	100	0.00	0.0	4.367	0.000	1	0	1	1
PL.16858	PL.13239	B	4ACSR	7.27Y	121.1	0.00	4.88	0.41	0	3	1	95	0.00	0.0	4.233	0.005	0	0	0	2
PD.3263	PL.16858	B	fuse6AMP	7.27Y	121.1	0.00	4.88	0.41	7	3	1	95	0.00	0.0	4.233	0.000	0	0	0	2
PL.16859	PD.3263	B	4ACSR	7.27Y	121.1	0.00	4.88	0.41	0	3	1	95	0.00	0.0	4.320	0.087	0	0	0	2
074967	PL.16859	B	Consumer	7.27Y	121.1	0.00	4.88	0.09	0	1	0	100	0.00	0.0	4.320	0.000	1	0	1	1
074908	PL.16859	B	Consumer	7.27Y	121.1	0.00	4.88	0.00	0	0	0	100	0.00	0.0	4.320	0.000	0	0	0	0
074936	PL.16859	B	Consumer	7.27Y	121.1	0.00	4.88	0.32	0	2	1	89	0.00	0.0	4.320	0.000	2	1	1	1
074933	PL.13239	C	Consumer	7.18Y	119.7	0.00	6.35	0.00	0	0	0	100	0.00	0.0	4.227	0.000	0	0	0	0
074930	PL.16857	B	Consumer	7.27Y	121.2	0.00	4.79	0.03	0	0	0	100	0.00	0.0	3.854	0.000	0	0	1	1
074963	PL.16857	B	Consumer	7.27Y	121.2	0.00	4.79	0.45	0	3	1	95	0.00	0.0	3.854	0.000	3	1	1	1
074961	PL.16857	B	Consumer	7.27Y	121.2	0.00	4.79	0.62	0	4	2	89	0.00	0.0	3.854	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: STANTON

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: STANTON

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: STANTON

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: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
619801	PL.39578	C	Consumer	7.22Y	120.4	0.00	5.62	0.53	0	4	2	89	0.00	0.0	3.317	0.000	4	2	1	1
619803	PL.7489	C	Consumer	7.22Y	120.4	0.00	5.62	0.94	0	6	3	89	0.00	0.0	3.273	0.000	6	3	1	1
PL.7490	PL.7489	C	4ACSR	7.22Y	120.4	0.02	5.64	3.82	3	25	11	92	0.00	0.0	3.381	0.108	0	0	0	6
PL.8121	PL.7490	C	4ACSR	7.22Y	120.4	0.00	5.64	3.82	3	25	11	92	0.00	0.0	3.396	0.015	0	0	0	6
PL.13319	PL.8121	C	4ACSR	7.22Y	120.4	0.00	5.64	3.82	3	25	11	92	0.00	0.0	3.417	0.021	0	0	0	6
073823	PL.13319	C	Consumer	7.22Y	120.4	0.00	5.64	0.00	0	0	0	100	0.00	0.0	3.417	0.000	0	0	0	0
073824	PL.13319	C	Consumer	7.22Y	120.4	0.00	5.64	0.11	0	1	0	100	0.00	0.0	3.417	0.000	1	0	1	1
PL.13320	PL.13319	C	4ACSR	7.22Y	120.3	0.01	5.65	3.72	3	25	11	92	0.00	0.0	3.466	0.049	0	0	0	5
PL.13322	PL.13320	C	4ACSR	7.22Y	120.3	0.01	5.66	2.95	2	20	8	93	0.00	0.0	3.521	0.055	0	0	0	3
PL.39575	PL.13322	C	4ACSR	7.22Y	120.3	0.00	5.66	0.37	0	2	1	89	0.00	0.0	3.524	0.003	0	0	0	1
PD.6978	PL.39575	C	fuse6AMP	7.22Y	120.3	0.00	5.66	0.37	6	2	1	89	0.00	0.0	3.524	0.000	0	0	0	1
PL.39576	PD.6978	C	4ACSR	7.22Y	120.3	0.00	5.66	0.37	0	2	1	89	0.00	0.0	3.551	0.027	0	0	0	1
073821	PL.39576	C	Consumer	7.22Y	120.3	0.00	5.66	0.37	0	2	1	89	0.00	0.0	3.551	0.000	2	1	1	1
PL.39406	PL.13322	C	4ACSR	7.22Y	120.3	0.01	5.67	2.58	2	17	7	92	0.00	0.0	3.593	0.072	0	0	0	2
PL.39405	PL.39406	C	4ACSR	7.22Y	120.3	0.00	5.67	0.81	1	5	2	93	0.00	0.0	3.664	0.071	0	0	0	1
074834	PL.39405	C	Consumer	7.22Y	120.3	0.00	5.67	0.81	0	5	2	93	0.00	0.0	3.664	0.000	5	2	1	1
PL.39579	PL.39406	C	4ACSR	7.22Y	120.3	0.00	5.67	1.77	1	12	5	92	0.00	0.0	3.596	0.003	0	0	0	1
PD.6980	PL.39579	C	fuse6AMP	7.22Y	120.3	0.00	5.67	1.77	30	12	5	92	0.00	0.0	3.596	0.000	0	0	0	1
PL.39580	PD.6980	C	4ACSR	7.22Y	120.3	0.00	5.67	1.77	1	12	5	92	0.00	0.0	3.643	0.047	0	0	0	1
073822	PL.39580	C	Consumer	7.22Y	120.3	0.00	5.67	1.77	0	12	5	92	0.00	0.0	3.643	0.000	12	5	1	1
PL.39573	PL.13320	C	4ACSR	7.22Y	120.3	0.00	5.65	0.77	1	5	2	93	0.00	0.0	3.470	0.003	0	0	0	2
PD.6977	PL.39573	C	fuse6AMP	7.22Y	120.3	0.00	5.65	0.77	13	5	2	93	0.00	0.0	3.470	0.000	0	0	0	2
PL.39574	PD.6977	C	4ACSR	7.22Y	120.3	0.00	5.65	0.77	1	5	2	93	0.00	0.0	3.499	0.029	0	0	0	2
073807	PL.39574	C	Consumer	7.22Y	120.3	0.00	5.65	0.24	0	2	1	89	0.00	0.0	3.499	0.000	2	1	1	1
073820	PL.39574	C	Consumer	7.22Y	120.3	0.00	5.65	0.52	0	3	2	83	0.00	0.0	3.499	0.000	3	2	1	1
PL.3384	PL.13317	C	4ACSR	7.22Y	120.4	0.00	5.58	0.49	0	3	1	95	0.00	0.0	3.165	0.009	0	0	0	1
618701	PL.3384	C	Consumer	7.22Y	120.4	0.00	5.58	0.49	0	3	1	95	0.00	0.0	3.165	0.000	3	1	1	1
PL.39566	PL.37887	C	4ACSR	7.23Y	120.5	0.00	5.53	0.00	0	0	0	100	0.00	0.0	3.034	0.007	0	0	0	0
PD.6973-B	PL.39566	C	Open	7.23Y	120.5	0.00	5.53	0.00	0	0	0	100	0.00	0.0	3.034	0.000	0	0	0	0
616805	PL.7493	C	Consumer	7.23Y	120.5	0.00	5.48	0.67	0	4	2	89	0.00	0.0	2.937	0.000	4	2	1	1
616804	PL.7493	C	Consumer	7.23Y	120.5	0.00	5.48	0.23	0	2	1	89	0.00	0.0	2.937	0.000	2	1	1	1
PL.45748	PL.45749	A	2ACSR	7.49Y	124.9	0.00	1.13	0.00	0	0	0	100	0.00	0.0	2.814	0.078	0	0	0	0
6159018	PL.45748	A	Consumer	7.49Y	124.9	0.00	1.13	0.00	0	0	0	100	0.00	0.0	2.814	0.000	0	0	0	0
614804	PL.20605	A	Consumer	7.49Y	124.8	0.00	1.16	1.32	0	9	4	91	0.00	0.0	2.607	0.000	9	4	0	0
		B		7.31Y	121.9	0.00	4.11	1.35	0	9	4	90			9	4	0	0		
		C		7.24Y	120.7	0.00	5.25	1.36	0	9	4	90			9	4	0	0		
PL.3768	PL.17538	A	1/0ACSR	7.49Y	124.8	0.00	1.24	5.20	3	33	20	86	0.00	0.0	2.388	0.009	0	0	0	1
		B		7.32Y	122.1	0.00	3.93	5.31	3	33	20	85			0	0	0	0	1	
		C		7.27Y	121.1	0.00	4.87	5.36	3	33	20	85			0	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: STANTON

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.3767, 612802, 612703, etc.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	
611105	PL.7416	A	Consumer	7.49Y	124.9	0.00	1.15	0.51	0	3	2	83	0.00	0.0	2.136	0.000	3	2	1	1
611104	PL.7416	A	Consumer	7.49Y	124.9	0.00	1.15	0.64	0	4	2	89	0.00	0.0	2.136	0.000	4	2	1	1
611204	PL.7415	A	Consumer	7.49Y	124.9	0.00	1.14	0.34	0	2	1	89	0.00	0.0	2.049	0.000	2	1	1	1
612309	PL.20223	A	Consumer	7.49Y	124.9	0.00	1.12	0.47	0	3	1	95	0.00	0.0	1.881	0.000	3	1	1	1
PL.17534	PL.19797	C	4ACSR	7.35Y	122.6	0.00	3.43	1.91	2	13	6	91	0.00	0.0	1.836	0.006	0	0	0	1
PD.2906	PL.17534	C	fuse6AMP	7.35Y	122.6	0.00	3.43	1.91	33	13	6	91	0.00	0.0	1.836	0.000	0	0	0	1
PL.17535	PD.2906	C	4ACSR	7.35Y	122.6	0.01	3.45	1.91	2	13	6	91	0.00	0.0	1.993	0.157	0	0	0	1
610302	PL.17535	C	Consumer	7.35Y	122.6	0.00	3.45	1.91	0	13	6	91	0.00	0.0	1.993	0.000	13	6	1	1
CP.23	PL.28044	A	Cap (150)	7.50Y	124.9	0.00	1.08	-7.23	0	0	-54	0	0.00	0.0	1.770	0.000	0	0	0	0
P		B		7.38Y	123.0	0.00	2.97	-7.12	0	0	-53	0					0	0	0	0
P		C		7.36Y	122.7	0.00	3.27	-7.10	0	0	-52	0					0	0	0	0
073705	PL.8098	B	Consumer	7.46Y	124.3	0.00	1.75	0.72	0	5	2	93	0.00	0.0	1.059	0.000	5	2	1	1
0737044	PL.8098	B	Consumer	7.46Y	124.3	0.00	1.75	0.83	0	6	2	95	0.00	0.0	1.059	0.000	6	2	1	1
073718	PL.8098	B	Consumer	7.46Y	124.3	0.00	1.75	0.42	0	3	1	95	0.00	0.0	1.059	0.000	3	1	1	1
073734	PL.8098	B	Consumer	7.46Y	124.3	0.00	1.75	0.08	0	1	0	100	0.00	0.0	1.059	0.000	1	0	1	1
073702	PL.8096	A	Consumer	7.52Y	125.4	0.00	0.62	0.01	0	0	0	100	0.00	0.0	0.993	0.000	0	0	1	1
073738	PL.8096	A	Consumer	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	0.993	0.000	0	0	1	1
PL.17298	PL.8096	A	4ACSR	7.52Y	125.4	0.00	0.62	0.31	0	2	1	89	0.00	0.0	0.999	0.005	0	0	0	2
PD.3244	PL.17298	A	fuse6AMP	7.52Y	125.4	0.00	0.62	0.31	5	2	1	89	0.00	0.0	0.999	0.000	0	0	0	2
PL.17299	PD.3244	A	4ACSR	7.52Y	125.4	0.00	0.62	0.31	0	2	1	89	0.00	0.0	1.059	0.060	0	0	0	2
073711	PL.17299	A	Consumer	7.52Y	125.4	0.00	0.62	0.08	0	1	0	100	0.00	0.0	1.059	0.000	1	0	1	1
073707	PL.17299	A	Consumer	7.52Y	125.4	0.00	0.62	0.23	0	2	1	89	0.00	0.0	1.059	0.000	2	1	1	1
PL.17297	PL.18603	A	4ACSR	7.52Y	125.4	0.00	0.60	10.16	9	70	30	92	0.00	0.0	0.977	0.005	0	0	0	14
PL.18606	PL.17297	A	4ACSR	7.52Y	125.4	0.00	0.60	10.16	9	70	30	92	0.00	0.0	0.980	0.003	0	0	0	14
PD.3631	PL.18606	A	70V4E	7.52Y	125.4	0.00	0.60	10.16	15	70	30	92	0.00	0.0	0.980	0.000	0	0	0	14
PL.18607	PD.3631	A	4ACSR	7.52Y	125.4	0.04	0.64	10.16	9	70	30	92	0.02	0.0	1.059	0.079	0	0	0	14
073720	PL.18607	A	Consumer	7.52Y	125.4	0.00	0.64	0.53	0	4	2	89	0.00	0.0	1.059	0.000	4	2	1	1
PL.13267	PL.18607	A	4ACSR	7.52Y	125.4	0.01	0.65	9.63	8	66	29	92	0.00	0.0	1.074	0.015	0	0	0	13
PL.4670	PL.13267	A	4ACSR	7.52Y	125.4	0.00	0.65	0.95	1	7	3	92	0.00	0.0	1.098	0.024	0	0	0	1
073725	PL.4670	A	Consumer	7.52Y	125.4	0.00	0.65	0.95	0	7	3	92	0.00	0.0	1.098	0.000	7	3	1	1
PL.13268	PL.13267	A	4ACSR	7.52Y	125.3	0.00	0.65	8.68	7	60	26	92	0.00	0.0	1.086	0.012	0	0	0	12
PL.8095	PL.13268	A	4ACSR	7.52Y	125.3	0.02	0.67	7.50	6	52	22	92	0.01	0.0	1.145	0.059	0	0	0	10
PL.8117	PL.8095	A	4ACSR	7.52Y	125.3	0.01	0.68	7.50	6	52	22	92	0.00	0.0	1.161	0.016	0	0	0	10
PL.13269	PL.8117	A	4ACSR	7.52Y	125.3	0.01	0.68	3.51	3	24	10	92	0.00	0.0	1.195	0.034	0	0	0	5
073816	PL.13269	A	Consumer	7.52Y	125.3	0.00	0.68	1.08	0	7	3	92	0.00	0.0	1.195	0.000	7	3	1	1
PL.13270	PL.13269	A	4ACSR	7.52Y	125.3	0.00	0.69	0.68	1	5	2	93	0.00	0.0	1.242	0.047	0	0	0	1
073818	PL.13270	A	Consumer	7.52Y	125.3	0.00	0.69	0.68	0	5	2	93	0.00	0.0	1.242	0.000	5	2	1	1
PL.8124	PL.13269	A	4ACSR	7.52Y	125.3	0.00	0.69	1.74	1	12	5	92	0.00	0.0	1.214	0.019	0	0	0	3
073819	PL.8124	A	Consumer	7.52Y	125.3	0.00	0.69	0.54	0	4	2	89	0.00	0.0	1.214	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.8125	PL.8124	A	4ACSR	7.52Y	125.3	0.00	0.69	1.20	1	8	4	89	0.00	0.0	1.227	0.013	0	0	0	2
PL.4672	PL.8125	A	4ACSR	7.52Y	125.3	0.00	0.69	1.20	1	8	4	89	0.00	0.0	1.272	0.046	0	0	0	2
073724	PL.4672	A	Consumer	7.52Y	125.3	0.00	0.69	0.13	0	1	0	100	0.00	0.0	1.272	0.000	1	0	1	1
073721	PL.4672	A	Consumer	7.52Y	125.3	0.00	0.69	1.07	0	7	3	92	0.00	0.0	1.272	0.000	7	3	1	1
PL.4626	PL.8117	A	4ACSR	7.52Y	125.3	0.00	0.68	3.14	3	22	9	93	0.00	0.0	1.171	0.010	0	0	0	4
PL.4671	PL.4626	A	4ACSR	7.52Y	125.3	0.00	0.68	3.14	3	22	9	93	0.00	0.0	1.195	0.024	0	0	0	4
073730	PL.4671	A	Consumer	7.52Y	125.3	0.00	0.68	0.83	0	6	2	95	0.00	0.0	1.195	0.000	6	2	1	1
073729	PL.4671	A	Consumer	7.52Y	125.3	0.00	0.68	0.99	0	7	3	92	0.00	0.0	1.195	0.000	7	3	1	1
073731	PL.4671	A	Consumer	7.52Y	125.3	0.00	0.68	0.94	0	6	3	89	0.00	0.0	1.195	0.000	6	3	1	1
0737043	PL.4671	A	Consumer	7.52Y	125.3	0.00	0.68	0.39	0	3	1	95	0.00	0.0	1.195	0.000	3	1	1	1
073813	PL.8117	A	Consumer	7.52Y	125.3	0.00	0.68	0.85	0	6	3	89	0.00	0.0	1.161	0.000	6	3	1	1
073723	PL.13268	A	Consumer	7.52Y	125.3	0.00	0.65	0.76	0	5	2	93	0.00	0.0	1.086	0.000	5	2	1	1
073728	PL.13268	A	Consumer	7.52Y	125.3	0.00	0.65	0.42	0	3	1	95	0.00	0.0	1.086	0.000	3	1	1	1
PL.17294	PL.18605	A	4ACSR	7.53Y	125.4	0.00	0.56	3.86	3	27	12	91	0.00	0.0	0.939	0.005	0	0	0	6
PD.3243	PL.17294	A	fuse6AMP	7.53Y	125.4	0.00	0.56	3.86	66	27	12	91	0.00	0.0	0.939	0.000	0	0	0	6
PL.17295	PD.3243	A	4ACSR	7.53Y	125.4	0.01	0.57	3.86	3	27	12	91	0.00	0.0	0.989	0.050	0	0	0	6
073719	PL.17295	A	Consumer	7.53Y	125.4	0.00	0.57	0.98	0	7	3	92	0.00	0.0	0.989	0.000	7	3	1	1
PL.4681	PL.17295	A	4ACSR	7.53Y	125.4	0.00	0.57	0.42	0	3	1	95	0.00	0.0	1.009	0.020	0	0	0	1
073735	PL.4681	A	Consumer	7.53Y	125.4	0.00	0.57	0.42	0	3	1	95	0.00	0.0	1.009	0.000	3	1	1	1
PL.4669	PL.17295	A	4ACSR	7.53Y	125.4	0.00	0.57	2.46	2	17	7	92	0.00	0.0	1.017	0.028	0	0	0	4
073732	PL.4669	A	Consumer	7.53Y	125.4	0.00	0.57	0.04	0	0	0	100	0.00	0.0	1.017	0.000	0	0	1	1
073739	PL.4669	A	Consumer	7.53Y	125.4	0.00	0.57	0.38	0	3	1	95	0.00	0.0	1.017	0.000	3	1	1	1
073736	PL.4669	A	Consumer	7.53Y	125.4	0.00	0.57	0.88	0	6	3	89	0.00	0.0	1.017	0.000	6	3	1	1
073703	PL.4669	A	Consumer	7.53Y	125.4	0.00	0.57	1.16	0	8	3	94	0.00	0.0	1.017	0.000	8	3	1	1
073709	PL.18605	A	Consumer	7.53Y	125.4	0.00	0.56	0.55	0	4	2	89	0.00	0.0	0.934	0.000	4	2	1	1
PL.13265	PD.3238-B	A	336ACSR	7.53Y	125.6	0.01	0.43	26.96	6	202	22	99	0.03	0.0	0.868	0.052	0	0	0	20
		B		7.49Y	124.9	0.01	1.10	27.40	6	204	24	99					0	0	0	19
		C		7.51Y	125.1	0.01	0.90	24.60	6	184	14	100					0	0	0	9
PL.13266	PL.13265	A	336ACSR	7.52Y	125.4	0.16	0.59	26.96	6	202	22	99	0.51	0.1	1.785	0.917	0	0	0	20
		B		7.49Y	124.8	0.14	1.24	27.40	6	204	24	99					0	0	0	19
		C		7.50Y	125.0	0.10	0.99	23.76	5	178	12	100					0	0	0	8
PL.17304	PL.13266	A	336ACSR	7.52Y	125.4	0.00	0.59	26.96	6	202	22	99	0.00	0.0	1.791	0.005	0	0	0	20
		B		7.49Y	124.8	0.00	1.24	27.40	6	204	24	99					0	0	0	19
		C		7.50Y	125.0	0.00	0.99	23.76	5	178	11	100					0	0	0	8
PD.208-A	PL.17304	A	Closed	7.52Y	125.4	0.00	0.59	26.96	0	202	22	99	0.00	0.0	1.791	0.000	0	0	0	20
		B		7.49Y	124.8	0.00	1.24	27.40	0	204	24	99					0	0	0	19
		C		7.50Y	125.0	0.00	0.99	23.76	0	178	11	100					0	0	0	8
PD.208-B	PD.208-A	A	Closed	7.52Y	125.4	0.00	0.59	26.96	0	202	22	99	0.00	0.0	1.791	0.000	0	0	0	20
		B		7.49Y	124.8	0.00	1.24	27.40	0	204	24	99					0	0	0	19
		C		7.50Y	125.0	0.00	0.99	23.76	0	178	11	100					0	0	0	8
PL.17305	PD.208-B	A	336ACSR	7.52Y	125.4	0.01	0.60	26.96	6	202	22	99	0.02	0.0	1.827	0.037	0	0	0	20
		B		7.49Y	124.8	0.01	1.25	27.40	6	204	24	99					0	0	0	19
		C		7.50Y	125.0	0.00	1.00	23.76	5	178	11	100					0	0	0	8

Unbalanced Voltage Drop Report
Source: STANTON

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.20193, CP.34, PL.20194, PL.4574, PL.4675, PL.4673, PL.3956, 073610, PL.4674, PL.4682, 073612, 073604, 073613, PL.26474, 072643, PL.26475, PL.17306, PD.202-A, PD.202-B, PL.17307, 072634, PL.19218, PL.19219.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
072615	PL.19219	A	Consumer	7.52Y	125.3	0.00	0.65	0.51	0	4	2	89	0.00	0.0	2.148	0.000	4	2	1	1
072646	PL.19219	A	Consumer	7.52Y	125.3	0.00	0.65	0.04	0	0	0	100	0.00	0.0	2.148	0.000	0	0	1	1
PL.7887	PL.19219	A	4ACSR	7.52Y	125.3	0.00	0.65	0.39	0	3	1	95	0.00	0.0	2.174	0.026	0	0	0	1
072647	PL.7887	A	Consumer	7.52Y	125.3	0.00	0.65	0.39	0	3	1	95	0.00	0.0	2.174	0.000	3	1	1	1
072644	PL.19218	A	Consumer	7.52Y	125.3	0.00	0.65	0.05	0	0	0	100	0.00	0.0	2.119	0.000	0	0	1	1
072632	PL.19218	A	Consumer	7.52Y	125.3	0.00	0.65	0.00	0	0	0	100	0.00	0.0	2.119	0.000	0	0	0	0
PL.26476	PL.17307	A	336ACSR	7.52Y	125.3	0.00	0.65	8.65	2	60	24	93	0.00	0.0	2.111	0.017	0	0	0	13
		B		7.48Y	124.7	0.00	1.30	10.16	2	70	29	93			0	0	0	0	18	
		C		7.50Y	125.0	0.00	1.03	5.02	1	35	13	94			0	0	0	0	3	
0726103	PL.26476	A	Consumer	7.52Y	125.3	0.00	0.65	0.00	0	0	0	100	0.00	0.0	2.111	0.000	0	0	0	0
PL.26477	PL.26476	A	336ACSR	7.52Y	125.3	0.00	0.66	7.68	2	54	21	93	0.00	0.0	2.136	0.026	0	0	0	11
		B		7.48Y	124.7	0.00	1.30	10.16	2	70	29	93			0	0	0	0	18	
		C		7.50Y	125.0	0.00	1.03	5.02	1	35	13	94			0	0	0	0	3	
PL.4314	PL.26477	A	336ACSR	7.52Y	125.3	0.00	0.66	4.89	1	35	13	94	0.00	0.0	2.171	0.035	0	0	0	3
		B		7.48Y	124.7	0.00	1.30	6.74	2	47	18	93			0	0	0	0	8	
		C		7.50Y	125.0	0.00	1.03	3.83	1	27	9	95			0	0	0	0	1	
PL.4583	PL.4314	A	336ACSR	7.52Y	125.3	0.00	0.66	4.89	1	35	13	94	0.00	0.0	2.193	0.022	0	0	0	3
		B		7.48Y	124.7	0.00	1.30	6.74	2	47	18	93			0	0	0	0	8	
		C		7.50Y	125.0	0.00	1.03	3.83	1	27	9	95			0	0	0	0	1	
PL.4313	PL.4583	A	336ACSR	7.52Y	125.3	0.00	0.66	4.89	1	35	13	94	0.00	0.0	2.227	0.034	0	0	0	3
		B		7.48Y	124.7	0.00	1.31	6.74	2	47	18	93			0	0	0	0	8	
		C		7.50Y	125.0	0.00	1.03	3.83	1	27	9	95			0	0	0	0	1	
PL.7618	PL.4313	A	336ACSR	7.52Y	125.3	0.00	0.66	1.08	0	7	3	92	0.00	0.0	2.252	0.026	0	0	0	2
		B		7.48Y	124.7	-0.00	1.31	0.34	0	2	1	92			0	0	0	0	1	
		C		7.50Y	125.0	0.00	1.03	0.00	0	0	0	100			0	0	0	0	0	
072678	PL.7618	B	Consumer	7.48Y	124.7	0.00	1.31	0.34	0	2	1	89	0.00	0.0	2.252	0.000	2	1	1	1
PL.7619	PL.7618	A	4ACSR	7.52Y	125.3	0.00	0.66	1.08	1	7	3	92	0.00	0.0	2.286	0.033	0	0	0	2
072668	PL.7619	A	Consumer	7.52Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	2.286	0.000	0	0	0	0
072667	PL.7619	A	Consumer	7.52Y	125.3	0.00	0.66	0.19	0	1	1	71	0.00	0.0	2.286	0.000	1	1	1	1
PL.4324	PL.7619	A	4ACSR	7.52Y	125.3	0.00	0.66	0.88	1	6	3	89	0.00	0.0	2.330	0.044	0	0	0	1
072676	PL.4324	A	Consumer	7.52Y	125.3	0.00	0.66	0.88	0	6	3	89	0.00	0.0	2.330	0.000	6	3	1	1
072673	PL.4313	A	Consumer	7.52Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	2.227	0.000	0	0	0	0
		B		7.48Y	124.7	0.00	1.31	0.00	0	0	0	90			0	0	0	0	0	
		C		7.50Y	125.0	0.00	1.03	0.00	0	0	0	90			0	0	0	0	0	
072689	PL.4313	B	Consumer	7.48Y	124.7	0.00	1.31	0.83	0	6	2	95	0.00	0.0	2.227	0.000	6	2	1	1
072652	PL.4313	B	Consumer	7.48Y	124.7	0.00	1.31	0.01	0	0	0	100	0.00	0.0	2.227	0.000	0	0	1	1
072648	PL.4313	A	Consumer	7.52Y	125.3	0.00	0.66	1.47	0	10	5	89	0.00	0.0	2.227	0.000	10	5	0	0
		B		7.48Y	124.7	0.00	1.31	1.48	0	10	5	90			10	5	0	0	0	
		C		7.50Y	125.0	0.00	1.03	1.48	0	10	5	90			10	5	0	0	0	
072650	PL.4313	A	Consumer	7.52Y	125.3	0.00	0.66	2.36	0	17	4	97	0.00	0.0	2.227	0.000	17	5	0	0
		B		7.48Y	124.7	0.00	1.31	2.38	0	17	5	97			17	5	0	0	0	
		C		7.50Y	125.0	0.00	1.03	2.37	0	17	5	97			17	5	0	0	0	
072640	PL.4313	B	Consumer	7.48Y	124.7	0.00	1.31	1.10	0	7	4	87	0.00	0.0	2.227	0.000	7	4	1	1
072675	PL.4313	B	Consumer	7.48Y	124.7	0.00	1.31	0.38	0	3	1	95	0.00	0.0	2.227	0.000	3	1	1	1
072661	PL.4313	B	Consumer	7.48Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	2.227	0.000	0	0	0	0
PL.4512	PL.4313	B	4ACSR	7.48Y	124.7	0.00	1.31	0.24	0	2	1	89	0.00	0.0	2.269	0.042	0	0	0	2
0726099	PL.4512	B	Consumer	7.48Y	124.7	0.00	1.31	0.01	0	0	0	100	0.00	0.0	2.269	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
072696	PL.4512	B	Consumer	7.48Y	124.7	0.00	1.31	0.23	0	2	1	89	0.00	0.0	2.269	0.000	2	1	1	1
PL.26478	PL.26477	A	336ACSR	7.52Y	125.3	0.00	0.66	2.79	1	19	9	90	0.00	0.0	2.151	0.015	0	0	0	8
		B		7.48Y	124.7	0.00	1.30	3.42	1	23	10	91					0	0	0	10
		C		7.50Y	125.0	-0.00	1.03	1.20	0	8	4	92					0	0	0	2
072631	PL.26478	A	Consumer	7.52Y	125.3	0.00	0.66	0.70	0	5	2	93	0.00	0.0	2.151	0.000	5	2	1	1
072619	PL.26478	B	Consumer	7.48Y	124.7	0.00	1.30	0.41	0	3	1	95	0.00	0.0	2.151	0.000	3	1	1	1
072628	PL.26478	A	Consumer	7.52Y	125.3	0.00	0.66	0.20	0	1	1	71	0.00	0.0	2.151	0.000	1	1	1	1
PL.26479	PL.26478	A	336ACSR	7.52Y	125.3	0.00	0.66	1.89	0	13	6	91	0.00	0.0	2.170	0.019	0	0	0	6
		B		7.48Y	124.7	0.00	1.30	3.01	1	20	9	91					0	0	0	9
		C		7.50Y	125.0	-0.00	1.03	1.20	0	8	4	92					0	0	0	2
PL.13820	PL.26479	A	336ACSR	7.52Y	125.3	0.00	0.66	1.66	0	11	5	91	0.00	0.0	2.195	0.025	0	0	0	5
		B		7.48Y	124.7	0.00	1.30	2.04	0	14	6	92					0	0	0	8
		C		7.50Y	125.0	0.00	1.03	1.20	0	8	4	92					0	0	0	2
072690	PL.13820	B	Consumer	7.48Y	124.7	0.00	1.30	0.18	0	1	1	71	0.00	0.0	2.195	0.000	1	1	1	1
072638	PL.13820	B	Consumer	7.48Y	124.7	0.00	1.30	0.24	0	2	1	89	0.00	0.0	2.195	0.000	2	1	1	1
072639	PL.13820	B	Consumer	7.48Y	124.7	0.00	1.30	0.10	0	1	0	100	0.00	0.0	2.195	0.000	1	0	1	1
072630	PL.13820	B	Consumer	7.48Y	124.7	0.00	1.30	0.05	0	0	0	100	0.00	0.0	2.195	0.000	0	0	1	1
072679	PL.13820	B	Consumer	7.48Y	124.7	0.00	1.30	0.54	0	4	2	89	0.00	0.0	2.195	0.000	4	2	1	1
072684	PL.13820	B	Consumer	7.48Y	124.7	0.00	1.30	0.03	0	0	0	100	0.00	0.0	2.195	0.000	0	0	1	1
072680	PL.13820	A	Consumer	7.52Y	125.3	0.00	0.66	0.09	0	1	0	100	0.00	0.0	2.195	0.000	1	0	1	1
072654	PL.13820	B	Consumer	7.48Y	124.7	0.00	1.30	0.54	0	4	2	89	0.00	0.0	2.195	0.000	4	2	1	1
PL.13821	PL.13820	A	336ACSR	7.52Y	125.3	0.00	0.66	1.57	0	11	5	91	0.00	0.0	2.216	0.021	0	0	0	4
		B		7.48Y	124.7	-0.00	1.30	0.37	0	3	1	92					0	0	0	1
		C		7.50Y	125.0	0.00	1.03	1.20	0	8	4	92					0	0	0	2
PL.7888	PL.13821	A	336ACSR	7.52Y	125.3	0.00	0.66	1.57	0	11	5	91	0.00	0.0	2.314	0.098	0	0	0	4
		B		7.48Y	124.7	-0.00	1.30	0.37	0	3	1	92					0	0	0	1
		C		7.50Y	125.0	0.00	1.03	0.00	0	0	0	100					0	0	0	0
PL.7889	PL.7888	A	336ACSR	7.52Y	125.3	0.00	0.66	1.57	0	11	5	91	0.00	0.0	2.461	0.147	0	0	0	4
		B		7.48Y	124.7	-0.00	1.30	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	125.0	0.00	1.03	0.00	0	0	0	100					0	0	0	0
PL.7892	PL.7889	A	4ACSR	7.52Y	125.3	0.00	0.66	0.83	1	6	3	89	0.00	0.0	2.500	0.039	0	0	0	2
PL.13822	PL.7892	A	4ACSR	7.52Y	125.3	0.01	0.67	0.83	1	6	3	89	0.00	0.0	2.643	0.143	0	0	0	2
PL.4579	PL.13822	A	4ACSR	7.52Y	125.3	0.00	0.67	0.00	0	0	0	100	0.00	0.0	2.729	0.086	0	0	0	0
PL.4509	PL.4579	A	4ACSR	7.52Y	125.3	0.00	0.67	0.00	0	0	0	100	0.00	0.0	2.772	0.043	0	0	0	0
072693	PL.4509	A	Consumer	7.52Y	125.3	0.00	0.67	0.00	0	0	0	100	0.00	0.0	2.772	0.000	0	0	0	0
072669	PL.4579	A	Consumer	7.52Y	125.3	0.00	0.67	0.00	0	0	0	100	0.00	0.0	2.729	0.000	0	0	0	0
PL.13823	PL.13822	A	4ACSR	7.52Y	125.3	0.01	0.68	0.83	1	6	3	89	0.00	0.0	2.829	0.186	0	0	0	2
072641	PL.13823	A	Consumer	7.52Y	125.3	0.00	0.68	0.17	0	1	1	71	0.00	0.0	2.829	0.000	1	1	1	1
PL.4580	PL.13823	A	4ACSR	7.52Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	2.900	0.071	0	0	0	0
072660	PL.4580	A	Consumer	7.52Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	2.900	0.000	0	0	0	0
PL.7886	PL.13823	A	4ACSR	7.52Y	125.3	0.00	0.68	0.67	1	5	2	93	0.00	0.0	2.902	0.073	0	0	0	1
0726021	PL.7886	A	Consumer	7.52Y	125.3	0.00	0.68	0.67	0	5	2	93	0.00	0.0	2.902	0.000	5	2	1	1
PL.13824	PL.7889	A	336ACSR	7.52Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	2.805	0.344	0	0	0	0
		B		7.48Y	124.7	0.00	1.30	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	125.0	0.00	1.03	0.00	0	0	0	100					0	0	0	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. Rows include various elements like PL.13825, PD.4342-B, 072662, 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	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss	
0726101	PL.29904	A	Consumer	7.52Y	125.3	0.00	0.65	0.00	0	0	0	0	100	0.00	0.0	2.084	0.000	0	0	0	0
		B		7.48Y	124.7	0.00	1.30	0.00	0	0	0	0	100					0	0	0	0
		C		7.50Y	125.0	0.00	1.04	0.00	0	0	0	0	100					0	0	0	0
072683	PL.26475	A	Consumer	7.52Y	125.4	0.00	0.65	0.05	0	0	0	100	0.00	0.0	2.041	0.000	0	0	1	1	
072616	PL.26475	C	Consumer	7.50Y	125.0	0.00	1.03	0.30	0	2	1	89	0.00	0.0	2.041	0.000	2	1	1	1	
072618	PL.26475	C	Consumer	7.50Y	125.0	0.00	1.03	0.00	0	0	0	100	0.00	0.0	2.041	0.000	0	0	0	0	
PL.17291	PL.13265	C	4ACSR	7.51Y	125.1	0.00	0.90	0.89	1	6	3	89	0.00	0.0	0.874	0.006	0	0	0	1	
PD.3242	PL.17291	C	fuse6AMP	7.51Y	125.1	0.00	0.90	0.89	15	6	3	89	0.00	0.0	0.874	0.000	0	0	0	1	
PL.17292	PD.3242	C	4ACSR	7.51Y	125.1	0.00	0.90	0.89	1	6	3	89	0.00	0.0	0.930	0.056	0	0	0	1	
073715	PL.17292	C	Consumer	7.51Y	125.1	0.00	0.90	0.89	0	6	3	89	0.00	0.0	0.930	0.000	6	3	1	1	
072809	PL.13262	B	Consumer	7.54Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	0.238	0.000	0	0	1	1	
072804	PL.13262	A	Consumer	7.55Y	125.9	0.00	0.09	0.00	0	0	0	100	0.00	0.0	0.238	0.000	0	0	0	0	
PL.23579	PL.13261	A	397ACSR	7.56Y	126.0	-0.01	0.04	0.00	0	0	0	100	0.02	0.0	0.184	0.035	0	0	0	0	
		B		7.55Y	125.8	0.00	0.20	0.00	0	0	0	100					0	0	0	0	
		C		7.55Y	125.8	0.02	0.24	35.90	7	231	142	85					0	0	0	4	
PL.29380	PL.23579	C	1/0EPRJCN	7.55Y	125.8	0.00	0.24	0.82	0	6	2	95	0.00	0.0	0.205	0.021	0	0	0	3	
PL.4822	PL.29380	C	1/0EPRJCN	7.55Y	125.8	0.00	0.24	0.83	0	6	3	89	0.00	0.0	0.243	0.039	0	0	0	3	
072861	PL.4822	C	Consumer	7.55Y	125.8	0.00	0.24	0.07	0	1	0	100	0.00	0.0	0.243	0.000	1	0	1	1	
072859	PL.4822	C	Consumer	7.55Y	125.8	0.00	0.24	0.76	0	5	3	86	0.00	0.0	0.243	0.000	5	3	1	1	
0728066	PL.4822	C	Consumer	7.55Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	0.243	0.000	0	0	1	1	
PL.23578	PL.23579	C	4ACSR	7.54Y	125.7	0.02	0.26	35.09	29	225	139	85	0.04	0.0	0.198	0.014	0	0	0	1	
072855	PL.23578	C	Consumer	7.54Y	125.7	0.00	0.26	35.09	0	225	139	85	0.00	0.0	0.198	0.000	225	139	1	1	
PL.17322	PL.13261	A	397ACSR	7.56Y	126.0	0.00	0.04	3.10	1	20	12	86	0.00	0.0	0.154	0.005	0	0	0	0	
		B		7.55Y	125.8	0.00	0.20	3.10	1	20	12	85					0	0	0	0	
		C		7.55Y	125.8	0.00	0.22	3.10	1	20	12	85					0	0	0	0	
PD.3237	PL.17322	A	fuse6AMP	7.56Y	126.0	0.00	0.04	3.10	53	20	12	86	0.00	0.0	0.154	0.000	0	0	0	0	
		B		7.55Y	125.8	0.00	0.20	3.10	53	20	12	85					0	0	0	0	
		C		7.55Y	125.8	0.00	0.22	3.10	53	20	12	85					0	0	0	0	
PL.17323	PD.3237	A	397ACSR	7.56Y	126.0	0.00	0.04	3.10	1	20	12	86	0.00	0.0	0.163	0.010	0	0	0	0	
		B		7.55Y	125.8	0.00	0.20	3.10	1	20	12	85					0	0	0	0	
		C		7.55Y	125.8	0.00	0.22	3.10	1	20	12	85					0	0	0	0	
PL.3751	PL.17323	A	397ACSR	7.56Y	126.0	0.00	0.05	3.10	1	20	12	86	0.00	0.0	0.180	0.016	0	0	0	0	
		B		7.55Y	125.8	0.00	0.20	3.10	1	20	12	85					0	0	0	0	
		C		7.55Y	125.8	0.00	0.22	3.10	1	20	12	85					0	0	0	0	
607103	PL.3751	A	Consumer	7.56Y	126.0	0.00	0.05	3.10	0	20	12	86	0.00	0.0	0.180	0.000	20	12	0	0	
		B		7.55Y	125.8	0.00	0.20	3.10	0	20	12	85					20	12	0	0	
		C		7.55Y	125.8	0.00	0.22	3.10	0	20	12	85					20	12	0	0	
PL.17362	PL.32909	C	4ACSR	7.56Y	126.0	0.00	0.03	1.82	2	12	6	89	0.00	0.0	0.026	0.006	0	0	0	4	
PD.2105	PL.17362	C	fuse6AMP	7.56Y	126.0	0.00	0.03	1.82	31	12	6	89	0.00	0.0	0.026	0.000	0	0	0	4	
PL.17363	PD.2105	C	4ACSR	7.56Y	126.0	0.00	0.03	1.82	2	12	6	89	0.00	0.0	0.050	0.024	0	0	0	4	
606110	PL.17363	C	Consumer	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	0.050	0.000	0	0	1	1	
606108	PL.17363	C	Consumer	7.56Y	126.0	0.00	0.03	0.33	0	2	1	89	0.00	0.0	0.050	0.000	2	1	1	1	
606106	PL.17363	C	Consumer	7.56Y	126.0	0.00	0.03	0.76	0	5	3	86	0.00	0.0	0.050	0.000	5	3	1	1	
606102	PL.17363	C	Consumer	7.56Y	126.0	0.00	0.03	0.72	0	5	2	93	0.00	0.0	0.050	0.000	5	2	1	1	

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

Unbalanced Voltage Drop Report
Source: STANTON

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 (STANTON2) Beginning with Device PD.3917.

Unbalanced Voltage Drop Report
Source: STANTON

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 (PL, 606806, 606804, 606812, PL, 17399, PL, 17400, PL, 14059, 607903, PL, 7409, C PL, 28417, C PL, 22765, P CP, 19, C PL, 19856, PL, 18959, PD, 3582, PL, 18960, PL, 17655) and their associated electrical parameters.

Unbalanced Voltage Drop Report
Source: STANTON

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.17656, PL.27424, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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.26566, PL.26570, etc.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.7771	PL.7770	A	1/0CU	7.43Y	123.9	0.00	2.12	1.66	1	11	5	91	0.00	0.0	1.428	0.027	0	0	0	1
		B		7.45Y	124.2	0.00	1.80	1.66	1	11	5	90					0	0	0	1
		C		7.48Y	124.7	0.00	1.32	1.65	1	11	5	90					0	0	0	1
638212	PL.7771	A	Consumer	7.43Y	123.9	0.00	2.12	1.58	0	11	5	91	0.00	0.0	1.428	0.000	11	5	0	0
		B		7.45Y	124.2	0.00	1.80	1.58	0	11	5	90					11	5	0	0
		C		7.48Y	124.7	0.00	1.32	1.57	0	11	5	90					11	5	0	0
638203	PL.7771	A	Consumer	7.43Y	123.9	0.00	2.12	0.08	0	1	0	100	0.00	0.0	1.428	0.000	1	0	0	0
		B		7.45Y	124.2	0.00	1.80	0.08	0	1	0	90					1	0	0	0
		C		7.48Y	124.7	0.00	1.32	0.08	0	1	0	90					1	0	0	0
637209	PL.17656	A	Consumer	7.43Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	1.354	0.000	0	0	0	0
637204	PL.17656	A	Consumer	7.43Y	123.9	0.00	2.11	0.94	0	6	3	89	0.00	0.0	1.354	0.000	6	3	1	1
PL.7827	PL.17656	A	1/0CU	7.43Y	123.9	0.00	2.12	108.95	41	754	296	93	0.02	0.0	1.355	0.002	0	0	0	173
		B		7.45Y	124.2	0.00	1.80	91.66	35	641	237	94					0	0	0	159
		C		7.48Y	124.7	0.00	1.30	73.50	28	518	184	94					0	0	0	121
PL.291	PL.7827	A	1/0CU	7.43Y	123.8	0.12	2.24	108.95	41	754	296	93	1.06	0.1	1.428	0.073	0	0	0	173
		B		7.45Y	124.1	0.07	1.87	91.66	35	641	236	94					0	0	0	159
		C		7.48Y	124.6	0.06	1.36	73.50	28	518	184	94					0	0	0	121
637301	PL.291	C	Consumer	7.48Y	124.6	0.00	1.36	0.74	0	5	2	93	0.00	0.0	1.428	0.000	5	2	1	1
637308	PL.291	B	Consumer	7.45Y	124.1	0.00	1.87	0.19	0	1	1	71	0.00	0.0	1.428	0.000	1	1	1	1
637302	PL.291	C	Consumer	7.48Y	124.6	0.00	1.36	0.47	0	3	1	95	0.00	0.0	1.428	0.000	3	1	1	1
637305	PL.291	A	Consumer	7.43Y	123.8	0.00	2.24	0.27	0	2	1	89	0.00	0.0	1.428	0.000	2	1	1	1
PL.20396	PL.291	A	4ACSR	7.43Y	123.8	0.00	2.24	0.96	1	7	3	92	0.01	0.0	1.434	0.006	0	0	0	2
		B		7.45Y	124.1	0.01	1.88	24.53	21	168	73	92					0	0	0	52
PD.2939 C	PL.20396	A	fuse8AMP	7.43Y	123.8	0.00	2.24	0.96	13	7	3	92	0.00	0.0	1.434	0.000	0	0	0	2
		B		7.45Y	124.1	0.00	1.88	24.53	419	168	73	92					0	0	0	52
PL.20397	PD.2939	A	4ACSR	7.43Y	123.8	0.00	2.24	0.96	1	7	3	92	0.01	0.0	1.440	0.006	0	0	0	2
		B		7.45Y	124.1	0.01	1.88	24.53	21	168	73	92					0	0	0	52
PD.3580	PL.20397	A	50V4E	7.43Y	123.8	0.00	2.24	0.96	2	7	3	92	0.00	0.0	1.440	0.000	0	0	0	2
		B		7.45Y	124.1	0.00	1.88	24.53	49	168	73	92					0	0	0	52
PL.20398	PD.3580	A	4ACSR	7.43Y	123.8	0.00	2.24	0.96	1	7	3	92	0.04	0.0	1.467	0.027	0	0	0	2
		B		7.45Y	124.1	0.03	1.91	24.53	21	168	73	92					0	0	0	52
PL.7575	PL.20398	A	4ACSR	7.43Y	123.8	0.00	2.25	0.96	1	7	3	92	0.04	0.0	1.498	0.031	0	0	0	2
		B		7.44Y	124.1	0.03	1.95	23.19	19	158	69	92					0	0	0	49
PL.292	PL.7575	A	4ACSR	7.42Y	123.7	0.01	2.25	0.96	1	7	3	92	0.06	0.0	1.563	0.065	0	0	0	2
		B		7.44Y	124.0	0.06	2.01	19.66	17	134	58	92					0	0	0	44
PL.38849	PL.292	A	4ACSR	7.42Y	123.7	0.00	2.25	0.96	1	7	3	92	0.00	0.0	1.565	0.002	0	0	0	2
PD.6741	PL.38849	A	fuse6AMP	7.42Y	123.7	0.00	2.25	0.96	16	7	3	92	0.00	0.0	1.565	0.000	0	0	0	2
PL.38850	PD.6741	A	4ACSR	7.42Y	123.7	0.00	2.25	0.96	1	7	3	92	0.00	0.0	1.609	0.044	0	0	0	2
636218	PL.38850	A	Consumer	7.42Y	123.7	0.00	2.25	0.38	0	3	1	95	0.00	0.0	1.609	0.000	3	1	1	1
636201	PL.38850	A	Consumer	7.42Y	123.7	0.00	2.25	0.57	0	4	2	89	0.00	0.0	1.609	0.000	4	2	1	1
636301	PL.292	B	Consumer	7.44Y	124.0	0.00	2.01	0.43	0	3	1	95	0.00	0.0	1.563	0.000	3	1	1	1
636306	PL.292	B	Consumer	7.44Y	124.0	0.00	2.01	0.28	0	2	1	89	0.00	0.0	1.563	0.000	2	1	1	1
PL.38851	PL.292	B	4ACSR	7.44Y	124.0	0.00	2.01	18.95	16	129	56	92	0.00	0.0	1.566	0.003	0	0	0	42
PD.6742-A	PL.38851	B	Closed	7.44Y	124.0	0.00	2.01	18.95	0	129	56	92	0.00	0.0	1.566	0.000	0	0	0	42
PD.6742-B	PD.6742-A	B	Closed	7.44Y	124.0	0.00	2.01	18.95	0	129	56	92	0.00	0.0	1.566	0.000	0	0	0	42
PL.38852	PD.6742-B	B	4ACSR	7.44Y	124.0	0.00	2.01	18.95	16	129	56	92	0.00	0.0	1.570	0.004	0	0	0	42
PL.7759	PL.38852	B	4ACSR	7.44Y	124.0	0.02	2.04	18.41	15	126	55	92	0.02	0.0	1.598	0.028	0	0	0	41

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
636302	PL.7759	B	Consumer	7.44Y	124.0	0.00	2.04	0.32	0	2	1	89	0.00	0.0	1.598	0.000	2	1	1	1
636314	PL.7759	B	Consumer	7.44Y	124.0	0.00	2.04	0.00	0	0	0	100	0.00	0.0	1.598	0.000	0	0	0	0
635302	PL.7759	B	Consumer	7.44Y	124.0	0.00	2.04	0.46	0	3	1	95	0.00	0.0	1.598	0.000	3	1	1	1
635301	PL.7759	B	Consumer	7.44Y	124.0	0.00	2.04	0.13	0	1	0	100	0.00	0.0	1.598	0.000	1	0	1	1
PL.7760	PL.7759	B	4ACSR	7.44Y	123.9	0.04	2.08	17.51	15	120	52	92	0.04	0.0	1.653	0.055	0	0	0	38
PL.26574	PL.7760	B	4ACSR	7.43Y	123.9	0.01	2.09	16.01	13	109	47	92	0.01	0.0	1.663	0.011	0	0	0	35
636430	PL.26574	B	Consumer	7.43Y	123.9	0.00	2.09	0.40	0	3	1	95	0.00	0.0	1.663	0.000	3	1	1	1
PL.26375	PL.26574	B	4ACSR	7.43Y	123.9	0.04	2.13	11.20	9	76	33	92	0.02	0.0	1.747	0.083	0	0	0	28
PL.38855	PL.26375	B	4ACSR	7.43Y	123.9	0.00	2.13	2.45	2	17	7	92	0.00	0.0	1.749	0.003	0	0	0	6
PD.6744	PL.38855	B	fuse6AMP	7.43Y	123.9	0.00	2.13	2.45	42	17	7	92	0.00	0.0	1.749	0.000	0	0	0	6
PL.38856	PD.6744	B	4ACSR	7.43Y	123.9	0.00	2.13	2.45	2	17	7	92	0.00	0.0	1.759	0.010	0	0	0	6
636411	PL.38856	B	Consumer	7.43Y	123.9	0.00	2.13	0.60	0	4	2	89	0.00	0.0	1.759	0.000	4	2	1	1
636410	PL.38856	B	Consumer	7.43Y	123.9	0.00	2.13	0.58	0	4	2	89	0.00	0.0	1.759	0.000	4	2	1	1
PL.3882	PL.38856	B	4ACSR	7.43Y	123.9	0.00	2.13	1.27	1	9	4	91	0.00	0.0	1.783	0.024	0	0	0	4
636420	PL.3882	B	Consumer	7.43Y	123.9	0.00	2.13	0.39	0	3	1	95	0.00	0.0	1.783	0.000	3	1	1	1
636425	PL.3882	B	Consumer	7.43Y	123.9	0.00	2.13	0.30	0	2	1	89	0.00	0.0	1.783	0.000	2	1	1	1
636428	PL.3882	B	Consumer	7.43Y	123.9	0.00	2.13	0.58	0	4	2	89	0.00	0.0	1.783	0.000	4	2	1	1
636419	PL.3882	B	Consumer	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	1.783	0.000	0	0	1	1
PL.19161	PL.26375	B	4ACSR	7.43Y	123.9	0.02	2.15	5.37	5	37	16	92	0.00	0.0	1.809	0.063	0	0	0	10
636509	PL.19161	B	Consumer	7.43Y	123.9	0.00	2.15	0.57	0	4	2	89	0.00	0.0	1.809	0.000	4	2	1	1
636508	PL.19161	B	Consumer	7.43Y	123.9	0.00	2.15	0.09	0	1	0	100	0.00	0.0	1.809	0.000	1	0	1	1
636514	PL.19161	B	Consumer	7.43Y	123.9	0.00	2.15	0.56	0	4	2	89	0.00	0.0	1.809	0.000	4	2	1	1
636501	PL.19161	B	Consumer	7.43Y	123.9	0.00	2.15	0.80	0	5	2	93	0.00	0.0	1.809	0.000	5	2	1	1
636513	PL.19161	B	Consumer	7.43Y	123.9	0.00	2.15	0.59	0	4	2	89	0.00	0.0	1.809	0.000	4	2	1	1
PL.19162	PL.19161	B	4ACSR	7.43Y	123.9	0.00	2.15	2.75	2	19	8	92	0.00	0.0	1.834	0.025	0	0	0	5
PL.7577	PL.19162	B	4ACSR	7.43Y	123.9	0.00	2.15	0.71	1	5	2	93	0.00	0.0	1.851	0.017	0	0	0	1
PL.29574	PL.7577	B	4ACSR	7.43Y	123.8	0.00	2.15	0.71	1	5	2	93	0.00	0.0	1.910	0.059	0	0	0	1
636601	PL.29574	B	Consumer	7.43Y	123.8	0.00	2.15	0.71	0	5	2	93	0.00	0.0	1.910	0.000	5	2	1	1
636511	PL.19162	B	Consumer	7.43Y	123.9	0.00	2.15	0.69	0	5	2	93	0.00	0.0	1.834	0.000	5	2	1	1
636504	PL.19162	B	Consumer	7.43Y	123.9	0.00	2.15	0.65	0	4	2	89	0.00	0.0	1.834	0.000	4	2	1	1
6355004	PL.19162	B	Consumer	7.43Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	1.834	0.000	0	0	0	0
635502	PL.19162	B	Consumer	7.43Y	123.9	0.00	2.15	0.00	0	0	0	100	0.00	0.0	1.834	0.000	0	0	1	1
636510	PL.19162	B	Consumer	7.43Y	123.9	0.00	2.15	0.70	0	5	2	93	0.00	0.0	1.834	0.000	5	2	1	1
636503	PL.26375	B	Consumer	7.43Y	123.9	0.00	2.13	0.14	0	1	0	100	0.00	0.0	1.747	0.000	1	0	1	1
636422	PL.26375	B	Consumer	7.43Y	123.9	0.00	2.13	0.47	0	3	1	95	0.00	0.0	1.747	0.000	3	1	1	1
PL.38857	PL.26375	B	4ACSR	7.43Y	123.9	0.00	2.13	2.77	2	19	8	92	0.00	0.0	1.752	0.005	0	0	0	10
PD.6745	PL.38857	B	fuse6AMP	7.43Y	123.9	0.00	2.13	2.77	47	19	8	92	0.00	0.0	1.752	0.000	0	0	0	10
PL.38858	PD.6745	B	4ACSR	7.43Y	123.9	0.00	2.13	2.77	2	19	8	92	0.00	0.0	1.775	0.023	0	0	0	10

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.3426	PL.38858	B	4ACSR	7.43Y	123.9	0.00	2.13	0.62	1	4	2	89	0.00	0.0	1.806	0.031	0	0	0	6
636505	PL.3426	B	Consumer	7.43Y	123.9	0.00	2.13	0.34	0	2	1	89	0.00	0.0	1.806	0.000	2	1	1	1
636507	PL.3426	B	Consumer	7.43Y	123.9	0.00	2.13	0.03	0	0	0	100	0.00	0.0	1.806	0.000	0	0	1	1
636515	PL.3426	B	Consumer	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	1.806	0.000	0	0	1	1
636512	PL.3426	B	Consumer	7.43Y	123.9	0.00	2.13	0.01	0	0	0	100	0.00	0.0	1.806	0.000	0	0	1	1
636517	PL.3426	B	Consumer	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	1.806	0.000	0	0	1	1
636506	PL.3426	B	Consumer	7.43Y	123.9	0.00	2.13	0.24	0	2	1	89	0.00	0.0	1.806	0.000	2	1	1	1
636416	PL.38858	B	Consumer	7.43Y	123.9	0.00	2.13	0.38	0	3	1	95	0.00	0.0	1.775	0.000	3	1	1	1
636415	PL.38858	B	Consumer	7.43Y	123.9	0.00	2.13	0.46	0	3	1	95	0.00	0.0	1.775	0.000	3	1	1	1
PL.3885	PL.38858	B	4ACSR	7.43Y	123.9	0.00	2.14	1.31	1	9	4	91	0.00	0.0	1.798	0.023	0	0	0	2
635402	PL.3885	B	Consumer	7.43Y	123.9	0.00	2.14	0.00	0	0	0	100	0.00	0.0	1.798	0.000	0	0	0	0
636413	PL.3885	B	Consumer	7.43Y	123.9	0.00	2.14	0.74	0	5	2	93	0.00	0.0	1.798	0.000	5	2	1	1
635401	PL.3885	B	Consumer	7.43Y	123.9	0.00	2.14	0.00	0	0	0	100	0.00	0.0	1.798	0.000	0	0	0	0
636414	PL.3885	B	Consumer	7.43Y	123.9	0.00	2.14	0.57	0	4	2	89	0.00	0.0	1.798	0.000	4	2	1	1
PL.38853	PL.26574	B	4ACSR	7.43Y	123.9	0.00	2.09	4.40	4	30	13	92	0.00	0.0	1.666	0.003	0	0	0	6
PD.6743	PL.38853	B	fuse6AMP	7.43Y	123.9	0.00	2.09	4.40	75	30	13	92	0.00	0.0	1.666	0.000	0	0	0	6
PL.38854	PD.6743	B	4ACSR	7.43Y	123.9	0.00	2.09	4.40	4	30	13	92	0.00	0.0	1.678	0.012	0	0	0	6
PL.7574	PL.38854	B	4ACSR	7.43Y	123.9	0.00	2.09	3.01	3	21	9	92	0.00	0.0	1.704	0.026	0	0	0	4
636313	PL.7574	B	Consumer	7.43Y	123.9	0.00	2.09	0.24	0	2	1	89	0.00	0.0	1.704	0.000	2	1	1	1
636423	PL.7574	B	Consumer	7.43Y	123.9	0.00	2.09	1.30	0	9	4	91	0.00	0.0	1.704	0.000	9	4	1	1
636421	PL.7574	B	Consumer	7.43Y	123.9	0.00	2.09	0.48	0	3	1	95	0.00	0.0	1.704	0.000	3	1	1	1
636312	PL.7574	B	Consumer	7.43Y	123.9	0.00	2.09	0.98	0	7	3	92	0.00	0.0	1.704	0.000	7	3	1	1
636432	PL.38854	B	Consumer	7.43Y	123.9	0.00	2.09	0.58	0	4	2	89	0.00	0.0	1.678	0.000	4	2	1	1
636429	PL.38854	B	Consumer	7.43Y	123.9	0.00	2.09	0.81	0	6	2	95	0.00	0.0	1.678	0.000	6	2	1	1
636405	PL.7760	B	Consumer	7.44Y	123.9	0.00	2.08	0.49	0	3	1	95	0.00	0.0	1.653	0.000	3	1	1	1
636310	PL.7760	B	Consumer	7.44Y	123.9	0.00	2.08	0.48	0	3	1	95	0.00	0.0	1.653	0.000	3	1	1	1
636311	PL.7760	B	Consumer	7.44Y	123.9	0.00	2.08	0.53	0	4	2	89	0.00	0.0	1.653	0.000	4	2	1	1
636307	PL.38852	B	Consumer	7.44Y	124.0	0.00	2.01	0.54	0	4	2	89	0.00	0.0	1.570	0.000	4	2	1	1
PL.38847	PL.7575	A	4ACSR	7.43Y	123.8	0.00	2.25	0.00	0	0	0	100	0.00	0.0	1.502	0.005	0	0	0	0
PD.6740	PL.38847	A	fuse6AMP	7.43Y	123.8	0.00	2.25	0.00	0	0	0	100	0.00	0.0	1.502	0.000	0	0	0	0
PL.38848	PD.6740	A	4ACSR	7.43Y	123.8	0.00	2.25	0.00	0	0	0	100	0.00	0.0	1.552	0.050	0	0	0	0
PD.2938-B	PL.38848	A	Open	7.43Y	123.8	0.00	2.25	0.00	0	0	0	100	0.00	0.0	1.552	0.000	0	0	0	0
636308	PL.7575	B	Consumer	7.44Y	124.1	0.00	1.95	0.84	0	6	2	95	0.00	0.0	1.498	0.000	6	2	1	1
636304	PL.7575	B	Consumer	7.44Y	124.1	0.00	1.95	0.25	0	2	1	89	0.00	0.0	1.498	0.000	2	1	1	1
636305	PL.7575	B	Consumer	7.44Y	124.1	0.00	1.95	0.30	0	2	1	89	0.00	0.0	1.498	0.000	2	1	1	1
636309	PL.7575	B	Consumer	7.44Y	124.1	0.00	1.95	0.86	0	6	3	89	0.00	0.0	1.498	0.000	6	3	1	1
636303	PL.7575	B	Consumer	7.44Y	124.1	0.00	1.95	1.29	0	9	4	91	0.00	0.0	1.498	0.000	9	4	1	1
637306	PL.20398	B	Consumer	7.45Y	124.1	0.00	1.91	0.62	0	4	2	89	0.00	0.0	1.467	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: STANTON

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 637310, 637307, PL.18295, etc.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.41316	PL.38941	A	4ACSR	7.39Y	123.2	0.00	2.80	6.43	5	44	19	92	0.00	0.0	1.913	0.008	0	0	0	16
PL.41573	PL.41316	A	4ACSR	7.39Y	123.2	0.00	2.81	4.12	3	28	12	92	0.00	0.0	1.927	0.014	0	0	0	9
PD.7485	PL.41573	A	fuse6AMP	7.39Y	123.2	0.00	2.81	4.12	70	28	12	92	0.00	0.0	1.927	0.000	0	0	0	9
PL.41572	PD.7485	A	4ACSR	7.39Y	123.2	0.01	2.81	4.12	3	28	12	92	0.00	0.0	1.972	0.045	0	0	0	9
6384013	PL.41572	A	Consumer	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	1.972	0.000	0	0	0	0
6384010	PL.41572	A	Consumer	7.39Y	123.2	0.00	2.81	0.91	0	6	3	89	0.00	0.0	1.972	0.000	6	3	1	1
6384009	PL.41572	A	Consumer	7.39Y	123.2	0.00	2.81	0.56	0	4	2	89	0.00	0.0	1.972	0.000	4	2	1	1
6384008	PL.41572	A	Consumer	7.39Y	123.2	0.00	2.81	0.80	0	5	2	93	0.00	0.0	1.972	0.000	5	2	1	1
PL.39510	PL.41572	A	4ACSR	7.39Y	123.2	0.00	2.82	1.86	2	13	5	93	0.00	0.0	1.999	0.028	0	0	0	6
PL.41320	PL.39510	A	4ACSR	7.39Y	123.2	0.00	2.82	1.58	1	11	5	91	0.00	0.0	2.055	0.055	0	0	0	4
PL.41321	PL.41320	A	4ACSR	7.39Y	123.2	0.00	2.82	0.36	0	2	1	89	0.00	0.0	2.097	0.042	0	0	0	1
638406	PL.41321	A	Consumer	7.39Y	123.2	0.00	2.82	0.00	0	0	0	100	0.00	0.0	2.097	0.000	0	0	0	0
638407	PL.41321	A	Consumer	7.39Y	123.2	0.00	2.82	0.36	0	2	1	89	0.00	0.0	2.097	0.000	2	1	1	1
638402	PL.41320	A	Consumer	7.39Y	123.2	0.00	2.82	0.00	0	0	0	100	0.00	0.0	2.055	0.000	0	0	0	0
637411	PL.41320	A	Consumer	7.39Y	123.2	0.00	2.82	0.61	0	4	2	89	0.00	0.0	2.055	0.000	4	2	1	1
637404	PL.41320	A	Consumer	7.39Y	123.2	0.00	2.82	0.26	0	2	1	89	0.00	0.0	2.055	0.000	2	1	1	1
637419	PL.41320	A	Consumer	7.39Y	123.2	0.00	2.82	0.35	0	2	1	89	0.00	0.0	2.055	0.000	2	1	1	1
6384012	PL.39510	A	Consumer	7.39Y	123.2	0.00	2.82	0.28	0	2	1	89	0.00	0.0	1.999	0.000	2	1	1	1
6384014	PL.39510	A	Consumer	7.39Y	123.2	0.00	2.82	0.00	0	0	0	100	0.00	0.0	1.999	0.000	0	0	1	1
6384011	PL.39510	A	Consumer	7.39Y	123.2	0.00	2.82	0.00	0	0	0	100	0.00	0.0	1.999	0.000	0	0	0	0
PL.41317	PL.41316	A	4ACSR	7.39Y	123.2	0.00	2.80	2.31	2	16	7	92	0.00	0.0	1.934	0.021	0	0	0	7
638502	PL.41317	A	Consumer	7.39Y	123.2	0.00	2.80	0.52	0	4	2	89	0.00	0.0	1.934	0.000	4	2	1	1
639507	PL.41317	A	Consumer	7.39Y	123.2	0.00	2.80	0.07	0	0	0	100	0.00	0.0	1.934	0.000	0	0	1	1
PL.3879	PL.41317	A	4ACSR	7.39Y	123.2	0.01	2.81	1.73	1	12	5	92	0.00	0.0	2.009	0.075	0	0	0	5
639410	PL.3879	A	Consumer	7.39Y	123.2	0.00	2.81	0.52	0	4	2	89	0.00	0.0	2.009	0.000	4	2	1	1
638404	PL.3879	A	Consumer	7.39Y	123.2	0.00	2.81	0.29	0	2	1	89	0.00	0.0	2.009	0.000	2	1	1	1
639401	PL.3879	A	Consumer	7.39Y	123.2	0.00	2.81	0.04	0	0	0	100	0.00	0.0	2.009	0.000	0	0	1	1
639409	PL.3879	A	Consumer	7.39Y	123.2	0.00	2.81	0.48	0	3	1	95	0.00	0.0	2.009	0.000	3	1	1	1
639402	PL.3879	A	Consumer	7.39Y	123.2	0.00	2.81	0.40	0	3	1	95	0.00	0.0	2.009	0.000	3	1	1	1
PL.7820	PL.17411	A	1/0CU	7.39Y	123.2	0.00	2.78	5.76	2	36	22	85	0.00	0.0	1.871	0.042	0	0	0	1
		B		7.44Y	123.9	0.01	2.07	8.16	3	53	30	87			0	0	0	0	7	
		C		7.46Y	124.3	0.00	1.68	5.71	2	36	22	85			0	0	0	0	1	
638608	PL.7820	B	Consumer	7.44Y	123.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	1.871	0.000	0	0	1	1
638606	PL.7820	B	Consumer	7.44Y	123.9	0.00	2.07	0.45	0	3	1	95	0.00	0.0	1.871	0.000	3	1	1	1
638601	PL.7820	B	Consumer	7.44Y	123.9	0.00	2.07	0.43	0	3	1	95	0.00	0.0	1.871	0.000	3	1	1	1
PL.28418	PL.7820	A	1/0CU	7.39Y	123.2	0.00	2.78	5.76	2	36	22	85	0.00	0.0	1.915	0.044	0	0	0	1
		B		7.44Y	123.9	0.00	2.07	7.28	3	47	27	87			0	0	0	0	4	
		C		7.46Y	124.3	0.00	1.68	5.71	2	36	22	85			0	0	0	0	1	
638604	PL.28418	B	Consumer	7.44Y	123.9	0.00	2.07	0.52	0	4	2	89	0.00	0.0	1.915	0.000	4	2	1	1
638603	PL.28418	B	Consumer	7.44Y	123.9	0.00	2.07	0.38	0	3	1	95	0.00	0.0	1.915	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: STANTON

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 638602, PL.28419, 638707, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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						
P PL.45159	PL.45157	B	4ACSR	7.42Y	123.7	-0.00	2.27	-0.05	0	0	0	100	0.00	0.0	2.100	0.036	0	0	0	0	P	
P PL.45160	PL.45159	B	1/0EPRJCN	7.42Y	123.7	-0.00	2.27	-0.05	0	0	0	100	0.00	0.0	2.176	0.076	0	0	0	0	0	P
6345001	PL.45160	B	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	2.176	0.000	0	0	0	0	0	
6346001	PL.45160	B	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	2.176	0.000	0	0	0	0	0	
635701	PL.26380	B	Consumer	7.43Y	123.8	0.00	2.25	0.49	0	3	1	95	0.00	0.0	2.033	0.000	3	1	1	1	1	
636702	PL.18542	B	Consumer	7.43Y	123.8	0.00	2.20	0.95	0	6	3	89	0.00	0.0	1.960	0.000	6	3	1	1	1	
635702	PL.18542	B	Consumer	7.43Y	123.8	0.00	2.20	0.09	0	1	0	100	0.00	0.0	1.960	0.000	1	0	1	1	1	
PL.26389	PL.17413	A B C	1/0CU	7.38Y 7.43Y 7.45Y	123.0 123.9 124.2	0.06 0.01 0.05	2.95 2.13 1.85	87.77 41.88 66.26	33 16 25	590 284 451	268 127 201	91 91 91	0.39	0.0	1.906	0.048	0 0 0	0 0 0	0 0 0	137 72 113		
PL.26390	PL.26389	A B C	1/0CU	7.38Y 7.43Y 7.44Y	123.0 123.8 124.1	0.09 0.02 0.08	3.04 2.15 1.93	87.77 41.41 65.91	33 16 25	590 281 448	268 126 200	91 91 91	0.59	0.0	1.979	0.073	0 0 0	0 0 0	0 0 0	137 71 112		
PL.290	PL.26390	A B C	1/0CU	7.37Y 7.43Y 7.44Y	122.8 123.8 124.0	0.20 0.02 0.10	3.24 2.17 2.03	78.27 33.64 40.30	30 13 15	526 228 274	238 102 122	91 91 91	0.82	0.1	2.134	0.155	0 0 0	0 0 0	0 0 0	125 62 71		
PL.38943	PL.290	A	2ACSR	7.37Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	2.136	0.002	0	0	0	0	0	
PD.6780	PL.38943	A	fuse6AMP	7.37Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	2.136	0.000	0	0	0	0	0	
637911	PD.6780	A	Consumer	7.37Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	2.136	0.000	0	0	0	0	0	
PL.3873	PL.290	A B C	1/0CU	7.36Y 7.43Y 7.44Y	122.7 123.8 123.9	0.07 0.02 0.04	3.32 2.19 2.08	58.27 31.10 35.44	22 12 13	392 212 242	175 92 105	91 92 92	0.26	0.0	2.214	0.081	0 0 0	0 0 0	0 0 0	97 61 65		
PL.7774	PL.3873	A B C	1/0CU	7.36Y 7.43Y 7.43Y	122.7 123.8 123.9	0.02 0.01 0.01	3.34 2.19 2.09	56.30 31.10 35.44	21 12 13	378 212 242	169 92 105	91 92 92	0.08	0.0	2.241	0.027	0 0 0	0 0 0	0 0 0	93 61 65		
PL.7775	PL.7774	A B C	1/0CU	7.36Y 7.43Y 7.43Y	122.6 123.8 123.9	0.03 0.01 0.02	3.37 2.20 2.11	55.86 26.47 35.44	21 10 13	375 180 242	168 79 105	91 92 92	0.11	0.0	2.279	0.037	0 0 0	0 0 0	0 0 0	92 51 65		
PL.14322	PL.7775	A B C	1/0CU	7.36Y 7.43Y 7.43Y	122.6 123.8 123.9	0.01 0.00 0.01	3.38 2.20 2.12	55.86 26.47 35.44	21 10 13	375 180 242	168 79 105	91 92 92	0.03	0.0	2.289	0.010	0 0 0	0 0 0	0 0 0	92 51 65		
PL.14323	PL.14322	A B C	1/0CU	7.36Y 7.43Y 7.43Y	122.6 123.8 123.9	0.01 0.00 0.00	3.39 2.20 2.12	55.86 26.47 32.22	21 10 12	375 180 220	168 79 96	91 92 92	0.02	0.0	2.295	0.006	0 0 0	0 0 0	0 0 0	92 51 59		
PL.40386	PL.14323	A B C	1/0CU	7.36Y 7.43Y 7.43Y	122.6 123.8 123.9	0.01 0.00 0.01	3.40 2.20 2.13	55.86 26.47 32.22	21 10 12	375 180 220	168 79 96	91 92 92	0.04	0.0	2.309	0.014	0 0 0	0 0 0	0 0 0	92 51 59		
PD.2363-A	PL.40386	A B C	Closed	7.36Y 7.43Y 7.43Y	122.6 123.8 123.9	0.00 0.00 0.00	3.40 2.20 2.13	55.86 26.47 32.22	0 0 0	375 180 220	168 79 96	91 92 92	0.00	0.0	2.309	0.000	0 0 0	0 0 0	0 0 0	92 51 59		
PD.2363-B	PD.2363-A	A B C	Closed	7.36Y 7.43Y 7.43Y	122.6 123.8 123.9	0.00 0.00 0.00	3.40 2.20 2.13	55.86 26.47 32.22	0 0 0	375 180 220	168 79 96	91 92 92	0.00	0.0	2.309	0.000	0 0 0	0 0 0	0 0 0	92 51 59		
PL.40387	PD.2363-B	A B C	1/0CU	7.35Y 7.43Y 7.43Y	122.5 123.8 123.8	0.13 0.02 0.07	3.53 2.22 2.20	55.86 26.47 32.22	21 10 12	375 180 220	168 79 96	91 92 92	0.40	0.1	2.449	0.141	0 0 0	0 0 0	0 0 0	92 51 59		
PL.13800	PL.40387	A B C	1/0CU	7.34Y 7.42Y 7.42Y	122.3 123.7 123.7	0.21 0.03 0.12	3.73 2.26 2.32	55.86 26.46 32.22	21 10 12	375 180 219	167 78 95	91 92 92	0.67	0.1	2.683	0.234	0 0 0	0 0 0	0 0 0	92 50 59		
PL.24491	PL.13800	C	4ACSR	7.42Y	123.7	0.00	2.32	0.47	0	3	1	95	0.00	0.0	2.779	0.095	0	0	0	0	1	
PL.24232	PL.24491	C	4ACSR	7.42Y	123.7	0.00	2.33	0.47	0	3	1	95	0.00	0.0	2.865	0.086	0	0	0	0	1	

Unbalanced Voltage Drop Report
Source: STANTON

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. Rows include elements like 082205, PL.43106, PL.38275, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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 083295, PL.38411, PL.38413, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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 0832111, PL.38416, PL.38406, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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.8379, PL.8378, 083231, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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.18239, 083289, PL.8426, etc.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.16260	PL.27972	C	4ACSR	7.37Y	122.8	0.00	3.17	0.57	0	4	2	89	0.00	0.0	5.130	0.009	0	0	0	1
PD.2029	PL.16260	C	fuse6AMP	7.37Y	122.8	0.00	3.17	0.57	10	4	2	89	0.00	0.0	5.130	0.000	0	0	0	1
PL.16261	PD.2029	C	4ACSR	7.37Y	122.8	0.00	3.18	0.57	0	4	2	89	0.00	0.0	5.207	0.077	0	0	0	1
084269	PL.16261	C	Consumer	7.37Y	122.8	0.00	3.18	0.57	0	4	2	89	0.00	0.0	5.207	0.000	4	2	1	1
PL.19853	PL.27972	A	336ACSR	7.27Y	121.1	0.01	4.86	27.55	6	184	80	92	0.01	0.0	5.144	0.023	0	0	0	54
		B		7.43Y	123.9	-0.00	2.10	0.00	0	0	0	100					0	0	0	0
		C		7.37Y	122.8	0.01	3.18	16.39	4	111	48	92					0	0	0	32
PL.19854	PL.19853	A	336ACSR	7.27Y	121.1	0.01	4.87	25.32	6	169	73	92	0.01	0.0	5.180	0.036	0	0	0	52
		B		7.43Y	123.9	-0.00	2.10	0.00	0	0	0	100					0	0	0	0
		C		7.37Y	122.8	0.01	3.19	16.39	4	111	48	92					0	0	0	32
084232	PL.19854	A	Consumer	7.27Y	121.1	0.00	4.87	0.21	0	1	1	71	0.00	0.0	5.180	0.000	1	1	1	1
PL.14285	PL.19854	A	336ACSR	7.27Y	121.1	0.00	4.87	25.12	6	167	73	92	0.00	0.0	5.189	0.009	0	0	0	51
		B		7.43Y	123.9	-0.00	2.10	0.00	0	0	0	100					0	0	0	0
		C		7.37Y	122.8	0.00	3.19	16.39	4	111	48	92					0	0	0	32
PL.14286	PL.14285	A	336ACSR	7.27Y	121.1	0.00	4.88	25.12	6	167	73	92	0.01	0.0	5.207	0.018	0	0	0	51
		B		7.43Y	123.9	-0.00	2.09	0.00	0	0	0	100					0	0	0	0
		C		7.37Y	122.8	0.00	3.20	14.70	3	99	43	92					0	0	0	30
084276	PL.14286	A	Consumer	7.27Y	121.1	0.00	4.88	1.12	0	7	3	92	0.00	0.0	5.207	0.000	7	3	1	1
PL.28112	PL.14286	A	336ACSR	7.27Y	121.1	0.00	4.88	24.00	5	160	69	92	0.00	0.0	5.219	0.012	0	0	0	50
		B		7.43Y	123.9	-0.00	2.09	0.00	0	0	0	100					0	0	0	0
		C		7.37Y	122.8	0.00	3.20	14.70	3	99	43	92					0	0	0	30
PL.28113	PL.28112	A	336ACSR	7.27Y	121.1	0.00	4.88	24.00	5	160	69	92	0.00	0.0	5.230	0.011	0	0	0	50
		B		7.43Y	123.9	-0.00	2.09	0.00	0	0	0	100					0	0	0	0
		C		7.37Y	122.8	0.00	3.20	14.70	3	99	43	92					0	0	0	30
PL.38161	PL.28113	A	4ACSR	7.27Y	121.1	0.02	4.90	23.96	20	160	69	92	0.02	0.0	5.244	0.014	0	0	0	48
PD.6632-A	PL.38161	A	Closed	7.27Y	121.1	0.00	4.90	23.96	0	160	69	92	0.00	0.0	5.244	0.000	0	0	0	48
PD.6632-B	PD.6632-A	A	Closed	7.27Y	121.1	0.00	4.90	23.96	0	160	69	92	0.00	0.0	5.244	0.000	0	0	0	48
PL.38603	PD.6632-B	A	4ACSR	7.27Y	121.1	0.01	4.91	23.96	20	160	69	92	0.01	0.0	5.254	0.010	0	0	0	48
C PD.6676	PL.38603	A	25E	7.27Y	121.1	0.00	4.91	23.96	96	160	69	92	0.00	0.0	5.254	0.000	0	0	0	48 C
PL.38604	PD.6676	A	4ACSR	7.26Y	121.1	0.03	4.94	23.96	20	160	69	92	0.04	0.0	5.281	0.027	0	0	0	48
PL.14284	PL.38604	A	4ACSR	7.26Y	121.0	0.06	5.00	23.28	20	155	67	92	0.07	0.0	5.336	0.055	0	0	0	46
084284	PL.14284	A	Consumer	7.26Y	121.0	0.00	5.00	0.58	0	4	2	89	0.00	0.0	5.336	0.000	4	2	1	1
084221	PL.14284	A	Consumer	7.26Y	121.0	0.00	5.00	0.51	0	3	1	95	0.00	0.0	5.336	0.000	3	1	1	1
PL.8367	PL.14284	A	4ACSR	7.25Y	120.9	0.10	5.10	22.19	19	148	64	92	0.11	0.1	5.434	0.097	0	0	0	44
PL.14535	PL.8367	A	4ACSR	7.25Y	120.8	0.11	5.21	21.33	18	142	62	92	0.12	0.1	5.542	0.109	0	0	0	43
084226	PL.14535	A	Consumer	7.25Y	120.8	0.00	5.21	0.15	0	1	0	100	0.00	0.0	5.542	0.000	1	0	1	1
084231	PL.14535	A	Consumer	7.25Y	120.8	0.00	5.21	0.71	0	5	2	93	0.00	0.0	5.542	0.000	5	2	1	1
PL.14536	PL.14535	A	4ACSR	7.24Y	120.7	0.10	5.31	20.47	17	136	59	92	0.11	0.1	5.651	0.109	0	0	0	41
084268	PL.14536	A	Consumer	7.24Y	120.7	0.00	5.31	0.02	0	0	0	100	0.00	0.0	5.651	0.000	0	0	1	1
084215	PL.14536	A	Consumer	7.24Y	120.7	0.00	5.31	0.32	0	2	1	89	0.00	0.0	5.651	0.000	2	1	1	1
084224	PL.14536	A	Consumer	7.24Y	120.7	0.00	5.31	0.71	0	5	2	93	0.00	0.0	5.651	0.000	5	2	1	1
0842095	PL.14536	A	Consumer	7.24Y	120.7	0.00	5.31	0.00	0	0	0	100	0.00	0.0	5.651	0.000	0	0	0	0
084208	PL.14536	A	Consumer	7.24Y	120.7	0.00	5.31	0.61	0	4	2	89	0.00	0.0	5.651	0.000	4	2	1	1
PL.8362	PL.14536	A	4ACSR	7.23Y	120.6	0.12	5.43	18.81	16	125	54	92	0.12	0.1	5.794	0.142	0	0	0	37

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	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
084304	PL.8362	A	Consumer	7.23Y	120.6	0.00	5.43	0.71	0	5	2	93	0.00	0.0	5.794	0.000	5	2	1	1	
PL.8363	PL.8362	A	4ACSR	7.23Y	120.5	0.02	5.45	18.10	15	120	52	92	0.02	0.0	5.819	0.025	0	0	0	36	
PL.14532	PL.8363	A	4ACSR	7.23Y	120.5	0.03	5.48	18.10	15	120	52	92	0.02	0.0	5.849	0.030	0	0	0	36	
PL.15611	PL.14532	A	4ACSR	7.23Y	120.5	0.00	5.48	0.02	0	0	0	100	0.00	0.0	5.861	0.012	0	0	0	1	
PD.1777	PL.15611	A	fuse6AMP	7.23Y	120.5	0.00	5.48	0.02	0	0	0	100	0.00	0.0	5.861	0.000	0	0	0	1	
PL.15612	PD.1777	A	4ACSR	7.23Y	120.5	0.00	5.48	0.02	0	0	0	100	0.00	0.0	5.946	0.085	0	0	0	1	
085313	PL.15612	A	Consumer	7.23Y	120.5	0.00	5.48	0.02	0	0	0	100	0.00	0.0	5.946	0.000	0	0	1	1	
PL.14533	PL.14532	A	4ACSR	7.23Y	120.4	0.07	5.55	18.08	15	120	52	92	0.07	0.1	5.936	0.087	0	0	0	35	
PL.14534	PL.14533	A	4ACSR	7.23Y	120.4	0.02	5.57	17.71	15	117	51	92	0.02	0.0	5.961	0.025	0	0	0	33	
PL.19363	PL.14534	A	4ACSR	7.22Y	120.4	0.05	5.62	17.59	15	117	50	92	0.04	0.0	6.022	0.061	0	0	0	32	
085312	PL.19363	A	Consumer	7.22Y	120.4	0.00	5.62	0.43	0	3	1	95	0.00	0.0	6.022	0.000	3	1	1	1	
PL.19364	PL.19363	A	4ACSR	7.22Y	120.3	0.04	5.66	17.16	14	114	49	92	0.04	0.0	6.073	0.052	0	0	0	31	
PL.14531	PL.19364	A	4ACSR	7.22Y	120.3	0.08	5.74	16.44	14	109	47	92	0.06	0.1	6.174	0.101	0	0	0	30	
0853047	PL.14531	A	Consumer	7.22Y	120.3	0.00	5.74	0.06	0	0	0	100	0.00	0.0	6.174	0.000	0	0	1	1	
085327	PL.14531	A	Consumer	7.22Y	120.3	0.00	5.74	0.00	0	0	0	100	0.00	0.0	6.174	0.000	0	0	1	1	
085325	PL.14531	A	Consumer	7.22Y	120.3	0.00	5.74	1.07	0	7	3	92	0.00	0.0	6.174	0.000	7	3	1	1	
PL.14529	PL.14531	A	4ACSR	7.21Y	120.2	0.02	5.76	15.31	13	101	44	92	0.01	0.0	6.200	0.027	0	0	0	27	
PL.14530	PL.14529	A	4ACSR	7.21Y	120.2	0.00	5.76	15.31	13	101	44	92	0.00	0.0	6.205	0.005	0	0	0	27	
PL.28643	PL.14530	A	4ACSR	7.21Y	120.2	0.00	5.76	15.31	13	101	44	92	0.00	0.0	6.211	0.006	0	0	0	27	
PD.3071-A	PL.28643	A	Closed	7.21Y	120.2	0.00	5.76	15.31	0	101	44	92	0.00	0.0	6.211	0.000	0	0	0	27	
PD.3071-B	PD.3071-A	A	Closed	7.21Y	120.2	0.00	5.76	15.31	0	101	44	92	0.00	0.0	6.211	0.000	0	0	0	27	
PL.28644	PD.3071-B	A	4ACSR	7.21Y	120.2	0.04	5.80	15.31	13	101	44	92	0.03	0.0	6.268	0.058	0	0	0	27	
PL.15613	PL.28644	A	4ACSR	7.21Y	120.2	0.00	5.80	1.73	1	11	5	91	0.00	0.0	6.278	0.010	0	0	0	3	
PD.2260	PL.15613	A	fuse6AMP	7.21Y	120.2	0.00	5.80	1.73	30	11	5	91	0.00	0.0	6.278	0.000	0	0	0	3	
PL.15614	PD.2260	A	4ACSR	7.21Y	120.2	0.00	5.81	1.73	1	11	5	91	0.00	0.0	6.300	0.023	0	0	0	3	
PL.25028	PL.15614	A	4ACSR	7.21Y	120.2	0.00	5.81	0.00	0	0	0	100	0.00	0.0	6.300	0.000	0	0	0	0	
085334	PL.15614	A	Consumer	7.21Y	120.2	0.00	5.81	0.66	0	4	2	89	0.00	0.0	6.300	0.000	4	2	1	1	
085341	PL.15614	A	Consumer	7.21Y	120.2	0.00	5.81	0.43	0	3	1	95	0.00	0.0	6.300	0.000	3	1	1	1	
085342	PL.15614	A	Consumer	7.21Y	120.2	0.00	5.81	0.64	0	4	2	89	0.00	0.0	6.300	0.000	4	2	1	1	
PL.14528	PL.28644	A	4ACSR	7.21Y	120.2	0.02	5.83	13.58	11	90	39	92	0.01	0.0	6.302	0.034	0	0	0	24	
PL.14527	PL.14528	A	4ACSR	7.21Y	120.2	0.02	5.85	9.15	8	61	26	92	0.01	0.0	6.355	0.053	0	0	0	18	
PL.15617	PL.14527	A	4ACSR	7.21Y	120.2	0.00	5.85	0.65	1	4	2	89	0.00	0.0	6.365	0.010	0	0	0	1	
PD.2262	PL.15617	A	fuse6AMP	7.21Y	120.2	0.00	5.85	0.65	11	4	2	89	0.00	0.0	6.365	0.000	0	0	0	1	
PL.15618	PD.2262	A	4ACSR	7.21Y	120.2	0.00	5.85	0.65	1	4	2	89	0.00	0.0	6.401	0.036	0	0	0	1	
085328	PL.15618	A	Consumer	7.21Y	120.2	0.00	5.85	0.65	0	4	2	89	0.00	0.0	6.401	0.000	4	2	1	1	
PL.14526	PL.14527	A	4ACSR	7.21Y	120.1	0.01	5.86	6.39	5	42	18	92	0.00	0.0	6.398	0.044	0	0	0	13	
PL.14100	PL.14526	A	4ACSR	7.21Y	120.1	0.01	5.87	5.32	4	35	15	92	0.00	0.0	6.457	0.058	0	0	0	11	
PL.16265	PL.14100	A	4ACSR	7.21Y	120.1	0.00	5.88	5.32	4	35	15	92	0.00	0.0	6.471	0.014	0	0	0	11	

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
C PD.2263	PL.16265	A	fuse6AMP	7.21Y	120.1	0.00	5.88	5.32	91	35	15	92	0.00	0.0	6.471	0.000	0	0	0	11 C
PL.16266	PD.2263	A	4ACSR	7.21Y	120.1	0.01	5.89	5.32	4	35	15	92	0.00	0.0	6.510	0.040	0	0	0	11
PL.25027	PL.16266	A	4ACSR	7.21Y	120.1	0.01	5.89	2.26	2	15	6	93	0.00	0.0	6.571	0.061	0	0	0	6
PL.5264	PL.25027	A	4ACSR	7.21Y	120.1	0.00	5.90	1.14	1	8	3	94	0.00	0.0	6.623	0.052	0	0	0	3
085311	PL.5264	A	Consumer	7.21Y	120.1	0.00	5.90	0.58	0	4	2	89	0.00	0.0	6.623	0.000	4	2	1	1
085318	PL.5264	A	Consumer	7.21Y	120.1	0.00	5.90	0.17	0	1	0	100	0.00	0.0	6.623	0.000	1	0	1	1
085345	PL.5264	A	Consumer	7.21Y	120.1	0.00	5.90	0.39	0	3	1	95	0.00	0.0	6.623	0.000	3	1	1	1
085324	PL.25027	A	Consumer	7.21Y	120.1	0.00	5.89	0.00	0	0	0	100	0.00	0.0	6.571	0.000	0	0	0	0
085306	PL.25027	A	Consumer	7.21Y	120.1	0.00	5.89	0.66	0	4	2	89	0.00	0.0	6.571	0.000	4	2	1	1
085314	PL.25027	A	Consumer	7.21Y	120.1	0.00	5.89	0.26	0	2	1	89	0.00	0.0	6.571	0.000	2	1	1	1
085310	PL.25027	A	Consumer	7.21Y	120.1	0.00	5.89	0.20	0	1	1	71	0.00	0.0	6.571	0.000	1	1	1	1
085320	PL.16266	A	Consumer	7.21Y	120.1	0.00	5.89	0.74	0	5	2	93	0.00	0.0	6.510	0.000	5	2	1	1
085330	PL.16266	A	Consumer	7.21Y	120.1	0.00	5.89	0.63	0	4	2	89	0.00	0.0	6.510	0.000	4	2	1	1
085323	PL.16266	A	Consumer	7.21Y	120.1	0.00	5.89	0.88	0	6	3	89	0.00	0.0	6.510	0.000	6	3	1	1
085329	PL.16266	A	Consumer	7.21Y	120.1	0.00	5.89	0.46	0	3	1	95	0.00	0.0	6.510	0.000	3	1	1	1
085321	PL.16266	A	Consumer	7.21Y	120.1	0.00	5.89	0.35	0	2	1	89	0.00	0.0	6.510	0.000	2	1	1	1
PL.36773	PL.14100	A	4ACSR	7.21Y	120.1	0.00	5.87	0.00	0	0	0	100	0.00	0.0	6.479	0.022	0	0	0	0
PD.758-A	PL.36773	A	Open	7.21Y	120.1	0.00	5.87	0.00	0	0	0	100	0.00	0.0	6.479	0.000	0	0	0	0
085337	PL.14526	A	Consumer	7.21Y	120.1	0.00	5.86	0.51	0	3	1	95	0.00	0.0	6.398	0.000	3	1	1	1
085331	PL.14526	A	Consumer	7.21Y	120.1	0.00	5.86	0.56	0	4	2	89	0.00	0.0	6.398	0.000	4	2	1	1
PL.25029	PL.14527	A	4ACSR	7.21Y	120.1	0.00	5.85	2.11	2	14	6	92	0.00	0.0	6.387	0.032	0	0	0	4
085336	PL.25029	A	Consumer	7.21Y	120.1	0.00	5.85	0.71	0	5	2	93	0.00	0.0	6.387	0.000	5	2	1	1
PL.25030	PL.25029	A	4ACSR	7.21Y	120.1	0.00	5.85	1.40	1	9	4	91	0.00	0.0	6.417	0.030	0	0	0	3
085343	PL.25030	A	Consumer	7.21Y	120.1	0.00	5.85	0.04	0	0	0	100	0.00	0.0	6.417	0.000	0	0	1	1
085332	PL.25030	A	Consumer	7.21Y	120.1	0.00	5.85	0.76	0	5	2	93	0.00	0.0	6.417	0.000	5	2	1	1
085338	PL.25030	A	Consumer	7.21Y	120.1	0.00	5.85	0.60	0	4	2	89	0.00	0.0	6.417	0.000	4	2	1	1
085304	PL.14528	A	Consumer	7.21Y	120.2	0.00	5.83	1.19	0	8	3	94	0.00	0.0	6.302	0.000	8	3	1	1
PL.15615	PL.14528	A	4ACSR	7.21Y	120.2	0.00	5.83	3.25	3	21	9	92	0.00	0.0	6.316	0.014	0	0	0	5
PD.2261	PL.15615	A	fuse6AMP	7.21Y	120.2	0.00	5.83	3.25	55	21	9	92	0.00	0.0	6.316	0.000	0	0	0	5
PL.15616	PD.2261	A	4ACSR	7.21Y	120.2	0.00	5.83	3.25	3	21	9	92	0.00	0.0	6.338	0.022	0	0	0	5
PL.5265	PL.15616	A	4ACSR	7.21Y	120.2	0.00	5.83	3.25	3	21	9	92	0.00	0.0	6.348	0.011	0	0	0	5
PL.5267	PL.5265	A	4ACSR	7.21Y	120.2	0.00	5.83	0.20	0	1	1	71	0.00	0.0	6.456	0.108	0	0	0	1
085205	PL.5267	A	Consumer	7.21Y	120.2	0.00	5.83	0.20	0	1	1	71	0.00	0.0	6.456	0.000	1	1	1	1
PL.5266	PL.5265	A	4ACSR	7.21Y	120.2	0.02	5.85	2.22	2	15	6	93	0.00	0.0	6.518	0.169	0	0	0	2
085207	PL.5266	A	Consumer	7.21Y	120.2	0.00	5.85	1.43	0	9	4	91	0.00	0.0	6.518	0.000	9	4	1	1
085201	PL.5266	A	Consumer	7.21Y	120.2	0.00	5.85	0.79	0	5	2	93	0.00	0.0	6.518	0.000	5	2	1	1
085322	PL.5265	A	Consumer	7.21Y	120.2	0.00	5.83	0.44	0	3	1	95	0.00	0.0	6.348	0.000	3	1	1	1
085326	PL.5265	A	Consumer	7.21Y	120.2	0.00	5.83	0.38	0	2	1	89	0.00	0.0	6.348	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	
0853048	PL.5265	A	Consumer	7.21Y	120.2	0.00	5.83	0.00	0	0	0	0	100	0.00	0.0	6.348	0.000	0	0	0	0
PL.5268	PL.5265	A	4ACSR	7.21Y	120.2	0.00	5.83	0.00	0	0	0	0	100	0.00	0.0	6.410	0.062	0	0	0	0
085303	PL.19364	A	Consumer	7.22Y	120.3	0.00	5.66	0.00	0	0	0	0	100	0.00	0.0	6.073	0.000	0	0	0	0
PL.33895	PL.19364	A	4ACSR	7.22Y	120.3	0.00	5.66	0.71	1	5	2	93	0.00	0.0	6.128	0.055	0	0	0	1	
PL.33896	PL.33895	A	4ACSR	7.22Y	120.3	0.00	5.66	0.71	1	5	2	93	0.00	0.0	6.180	0.052	0	0	0	1	
085344	PL.33896	A	Consumer	7.22Y	120.3	0.00	5.66	0.71	0	5	2	93	0.00	0.0	6.180	0.000	5	2	1	1	
0853046	PL.33895	A	Consumer	7.22Y	120.3	0.00	5.66	0.00	0	0	0	100	0.00	0.0	6.128	0.000	0	0	0	0	
PL.15609	PL.14534	A	4ACSR	7.23Y	120.4	0.00	5.57	0.12	0	1	0	100	0.00	0.0	5.973	0.013	0	0	0	1	
PD.2259	PL.15609	A	fuse6AMP	7.23Y	120.4	0.00	5.57	0.12	2	1	0	100	0.00	0.0	5.973	0.000	0	0	0	1	
PL.15610	PD.2259	A	4ACSR	7.23Y	120.4	0.00	5.57	0.12	0	1	0	100	0.00	0.0	6.079	0.106	0	0	0	1	
085317	PL.15610	A	Consumer	7.23Y	120.4	0.00	5.57	0.12	0	1	0	100	0.00	0.0	6.079	0.000	1	0	1	1	
085333	PL.15610	A	Consumer	7.23Y	120.4	0.00	5.57	0.00	0	0	0	100	0.00	0.0	6.079	0.000	0	0	0	0	
085302	PL.14533	A	Consumer	7.23Y	120.4	0.00	5.55	0.21	0	1	1	71	0.00	0.0	5.936	0.000	1	1	1	1	
085301	PL.14533	A	Consumer	7.23Y	120.4	0.00	5.55	0.16	0	1	1	71	0.00	0.0	5.936	0.000	1	1	1	1	
084217	PL.8367	A	Consumer	7.25Y	120.9	0.00	5.10	0.86	0	6	2	95	0.00	0.0	5.434	0.000	6	2	1	1	
PL.4731	PL.38604	A	4ACSR	7.26Y	121.1	0.00	4.94	0.68	1	5	2	93	0.00	0.0	5.324	0.043	0	0	0	2	
0842094	PL.4731	A	Consumer	7.26Y	121.1	0.00	4.94	0.08	0	1	0	100	0.00	0.0	5.324	0.000	1	0	1	1	
084222	PL.4731	A	Consumer	7.26Y	121.1	0.00	4.94	0.61	0	4	2	89	0.00	0.0	5.324	0.000	4	2	1	1	
084264	PL.28113	C	Consumer	7.37Y	122.8	0.00	3.20	0.06	0	0	0	100	0.00	0.0	5.230	0.000	0	0	1	1	
084210	PL.28113	C	Consumer	7.37Y	122.8	0.00	3.20	0.52	0	4	2	89	0.00	0.0	5.230	0.000	4	2	1	1	
084256	PL.28113	C	Consumer	7.37Y	122.8	0.00	3.20	0.49	0	3	1	95	0.00	0.0	5.230	0.000	3	1	1	1	
PL.38159	PL.28113	C	4ACSR	7.37Y	122.8	0.01	3.21	13.63	11	92	40	92	0.00	0.0	5.238	0.008	0	0	0	27	
PL.38163	PL.38159	C	4ACSR	7.37Y	122.8	0.00	3.21	13.63	11	92	40	92	0.00	0.0	5.242	0.004	0	0	0	27	
PL.38164	PL.38163	C	4ACSR	7.36Y	122.7	0.04	3.25	13.63	11	92	40	92	0.03	0.0	5.312	0.070	0	0	0	27	
PD.3453	PL.38164	C	25V4E	7.36Y	122.7	0.00	3.25	13.63	55	92	40	92	0.00	0.0	5.312	0.000	0	0	0	27	
PL.28115	PD.3453	C	4ACSR	7.36Y	122.7	0.01	3.26	13.63	11	92	40	92	0.00	0.0	5.322	0.009	0	0	0	27	
PL.38279	PL.28115	C	4ACSR	7.36Y	122.7	0.03	3.29	6.94	6	47	20	92	0.01	0.0	5.418	0.096	0	0	0	17	
PL.38280	PL.38279	C	4ACSR	7.36Y	122.7	0.03	3.32	6.38	5	43	19	91	0.01	0.0	5.510	0.093	0	0	0	15	
084233	PL.38280	C	Consumer	7.36Y	122.7	0.00	3.32	0.54	0	4	2	89	0.00	0.0	5.510	0.000	4	2	1	1	
084246	PL.38280	C	Consumer	7.36Y	122.7	0.00	3.32	0.31	0	2	1	89	0.00	0.0	5.510	0.000	2	1	1	1	
084249	PL.38280	C	Consumer	7.36Y	122.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	5.510	0.000	0	0	0	0	
084211	PL.38280	C	Consumer	7.36Y	122.7	0.00	3.32	0.52	0	3	2	83	0.00	0.0	5.510	0.000	3	2	1	1	
PL.4648	PL.38280	C	4ACSR	7.36Y	122.7	0.01	3.32	1.05	1	7	3	92	0.00	0.0	5.632	0.122	0	0	0	1	
084238	PL.4648	C	Consumer	7.36Y	122.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	5.632	0.000	0	0	0	0	
084216	PL.4648	C	Consumer	7.36Y	122.7	0.00	3.32	1.05	0	7	3	92	0.00	0.0	5.632	0.000	7	3	1	1	
PL.19046	PL.38280	C	4ACSR	7.36Y	122.7	0.01	3.33	3.97	3	27	12	91	0.00	0.0	5.556	0.045	0	0	0	11	
084236	PL.19046	C	Consumer	7.36Y	122.7	0.00	3.33	0.26	0	2	1	89	0.00	0.0	5.556	0.000	2	1	1	1	
0842093	PL.19046	C	Consumer	7.36Y	122.7	0.00	3.33	0.00	0	0	0	100	0.00	0.0	5.556	0.000	0	0	1	1	

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.19047	PL.19046	C	4ACSR	7.36Y	122.7	0.01	3.33	3.70	3	25	11	92	0.00	0.0	5.604	0.048	0	0	0	9
PL.14292	PL.19047	C	4ACSR	7.36Y	122.7	0.01	3.34	3.47	3	23	10	92	0.00	0.0	5.637	0.032	0	0	0	7
084242	PL.14292	C	Consumer	7.36Y	122.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	5.637	0.000	0	0	0	0
PL.8360	PL.14292	C	4ACSR	7.36Y	122.7	0.00	3.34	0.79	1	5	2	93	0.00	0.0	5.679	0.042	0	0	0	2
PL.8361	PL.8360	C	4ACSR	7.36Y	122.7	0.00	3.34	0.74	1	5	2	93	0.00	0.0	5.722	0.043	0	0	0	1
084206	PL.8361	C	Consumer	7.36Y	122.7	0.00	3.34	0.74	0	5	2	93	0.00	0.0	5.722	0.000	5	2	1	1
084258	PL.8360	C	Consumer	7.36Y	122.7	0.00	3.34	0.05	0	0	0	100	0.00	0.0	5.679	0.000	0	0	1	1
PL.4644	PL.14292	C	4ACSR	7.36Y	122.7	0.01	3.35	2.68	2	18	8	91	0.00	0.0	5.684	0.047	0	0	0	5
PL.4643	PL.4644	C	4ACSR	7.36Y	122.6	0.01	3.35	2.68	2	18	8	91	0.00	0.0	5.732	0.048	0	0	0	5
PL.8428	PL.4643	C	4ACSR	7.36Y	122.6	0.00	3.35	2.05	2	14	6	92	0.00	0.0	5.755	0.023	0	0	0	4
084279	PL.8428	C	Consumer	7.36Y	122.6	0.00	3.35	0.00	0	0	0	100	0.00	0.0	5.755	0.000	0	0	0	0
084278	PL.8428	C	Consumer	7.36Y	122.6	0.00	3.35	0.07	0	0	0	100	0.00	0.0	5.755	0.000	0	0	1	1
084280	PL.8428	C	Consumer	7.36Y	122.6	0.00	3.35	0.00	0	0	0	100	0.00	0.0	5.755	0.000	0	0	0	0
PL.8429	PL.8428	C	4ACSR	7.36Y	122.6	0.00	3.36	1.98	2	13	6	91	0.00	0.0	5.783	0.028	0	0	0	3
084281	PL.8429	C	Consumer	7.36Y	122.6	0.00	3.36	0.77	0	5	2	93	0.00	0.0	5.783	0.000	5	2	1	1
084282	PL.8429	C	Consumer	7.36Y	122.6	0.00	3.36	0.00	0	0	0	100	0.00	0.0	5.783	0.000	0	0	0	0
084283	PL.8429	C	Consumer	7.36Y	122.6	0.00	3.36	0.93	0	6	3	89	0.00	0.0	5.783	0.000	6	3	1	1
PL.8430	PL.8429	C	4ACSR	7.36Y	122.6	0.00	3.36	0.27	0	2	1	89	0.00	0.0	5.813	0.030	0	0	0	1
084266	PL.8430	C	Consumer	7.36Y	122.6	0.00	3.36	0.27	0	2	1	89	0.00	0.0	5.813	0.000	2	1	1	1
084262	PL.4643	C	Consumer	7.36Y	122.6	0.00	3.35	0.00	0	0	0	100	0.00	0.0	5.732	0.000	0	0	0	0
084261	PL.4643	C	Consumer	7.36Y	122.6	0.00	3.35	0.64	0	4	2	89	0.00	0.0	5.732	0.000	4	2	1	1
084260	PL.4643	C	Consumer	7.36Y	122.6	0.00	3.35	0.00	0	0	0	100	0.00	0.0	5.732	0.000	0	0	0	0
084259	PL.4643	C	Consumer	7.36Y	122.6	0.00	3.35	0.00	0	0	0	100	0.00	0.0	5.732	0.000	0	0	0	0
084237	PL.19047	C	Consumer	7.36Y	122.7	0.00	3.33	0.23	0	2	1	89	0.00	0.0	5.604	0.000	2	1	1	1
084235	PL.19047	C	Consumer	7.36Y	122.7	0.00	3.33	0.00	0	0	0	100	0.00	0.0	5.604	0.000	0	0	1	1
084245	PL.38279	C	Consumer	7.36Y	122.7	0.00	3.29	0.46	0	3	1	95	0.00	0.0	5.418	0.000	3	1	1	1
084290	PL.38279	C	Consumer	7.36Y	122.7	0.00	3.29	0.09	0	1	0	100	0.00	0.0	5.418	0.000	1	0	1	1
084267	PL.38279	C	Consumer	7.36Y	122.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	5.418	0.000	0	0	0	0
PL.24255	PL.28115	C	4ACSR	7.36Y	122.7	0.01	3.27	5.96	5	40	17	92	0.00	0.0	5.342	0.021	0	0	0	9
PL.8365	PL.24255	C	4ACSR	7.36Y	122.7	0.00	3.27	5.96	5	40	17	92	0.00	0.0	5.356	0.013	0	0	0	9
PL.8366	PL.8365	C	4ACSR	7.36Y	122.7	0.01	3.27	5.13	4	35	15	92	0.00	0.0	5.380	0.024	0	0	0	8
084243	PL.8366	C	Consumer	7.36Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	5.380	0.000	0	0	0	0
084253	PL.8366	C	Consumer	7.36Y	122.7	0.00	3.27	0.63	0	4	2	89	0.00	0.0	5.380	0.000	4	2	1	1
084274	PL.8366	C	Consumer	7.36Y	122.7	0.00	3.27	0.53	0	4	2	89	0.00	0.0	5.380	0.000	4	2	1	1
PL.8364	PL.8366	C	4ACSR	7.36Y	122.7	0.01	3.28	3.97	3	27	12	91	0.00	0.0	5.419	0.039	0	0	0	6
084240	PL.8364	C	Consumer	7.36Y	122.7	0.00	3.28	0.35	0	2	1	89	0.00	0.0	5.419	0.000	2	1	1	1
084270	PL.8364	C	Consumer	7.36Y	122.7	0.00	3.28	0.13	0	1	0	100	0.00	0.0	5.419	0.000	1	0	1	1
084277	PL.8364	C	Consumer	7.36Y	122.7	0.00	3.28	0.00	0	0	0	100	0.00	0.0	5.419	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.4645	PL.8364	C	4ACSR	7.36Y	122.7	0.01	3.29	3.49	3	24	10	92	0.00	0.0	5.489	0.070	0	0	0	4
084244	PL.4645	C	Consumer	7.36Y	122.7	0.00	3.29	1.15	0	8	3	94	0.00	0.0	5.489	0.000	8	3	1	1
PL.4646	PL.4645	C	4ACSR	7.36Y	122.7	0.00	3.30	0.98	1	7	3	92	0.00	0.0	5.565	0.076	0	0	0	2
PL.24495	PL.4646	C	4ACSR	7.36Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	5.623	0.057	0	0	0	1
084288	PL.24495	C	Consumer	7.36Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	5.623	0.000	0	0	1	1
084252	PL.4646	C	Consumer	7.36Y	122.7	0.00	3.30	0.98	0	7	3	92	0.00	0.0	5.565	0.000	7	3	1	1
PL.24260	PL.4645	C	4ACSR	7.36Y	122.7	0.00	3.30	1.35	1	9	4	91	0.00	0.0	5.526	0.037	0	0	0	1
084275	PL.24260	C	Consumer	7.36Y	122.7	0.00	3.30	1.35	0	9	4	91	0.00	0.0	5.526	0.000	9	4	1	1
084271	PL.8365	C	Consumer	7.36Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	5.356	0.000	0	0	0	0
084248	PL.8365	C	Consumer	7.36Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	5.356	0.000	0	0	0	0
084239	PL.8365	C	Consumer	7.36Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	5.356	0.000	0	0	0	0
084257	PL.8365	C	Consumer	7.36Y	122.7	0.00	3.27	0.83	0	6	2	95	0.00	0.0	5.356	0.000	6	2	1	1
084273	PL.28115	C	Consumer	7.36Y	122.7	0.00	3.26	0.74	0	5	2	93	0.00	0.0	5.322	0.000	5	2	1	1
PL.16256	PL.28113	A	4ACSR	7.27Y	121.1	0.00	4.88	0.04	0	0	0	100	0.00	0.0	5.241	0.011	0	0	0	2
PD.580-A	PL.16256	A	Closed	7.27Y	121.1	0.00	4.88	0.04	0	0	0	100	0.00	0.0	5.241	0.000	0	0	0	2
PD.580-B	PD.580-A	A	Closed	7.27Y	121.1	0.00	4.88	0.04	0	0	0	100	0.00	0.0	5.241	0.000	0	0	0	2
PL.16257	PD.580-B	A	4ACSR	7.27Y	121.1	0.00	4.88	0.04	0	0	0	100	0.00	0.0	5.379	0.138	0	0	0	2
PL.4647	PL.16257	A	4ACSR	7.27Y	121.1	0.00	4.88	0.00	0	0	0	100	0.00	0.0	5.498	0.120	0	0	0	0
PL.4649	PL.16257	A	4ACSR	7.27Y	121.1	0.00	4.88	0.04	0	0	0	100	0.00	0.0	5.423	0.044	0	0	0	2
PL.4730	PL.4649	A	4ACSR	7.27Y	121.1	0.00	4.88	0.04	0	0	0	100	0.00	0.0	5.513	0.090	0	0	0	2
084251	PL.4730	A	Consumer	7.27Y	121.1	0.00	4.88	0.00	0	0	0	100	0.00	0.0	5.513	0.000	0	0	1	1
084219	PL.4730	A	Consumer	7.27Y	121.1	0.00	4.88	0.04	0	0	0	100	0.00	0.0	5.513	0.000	0	0	1	1
PL.16258	PL.14285	C	4ACSR	7.37Y	122.8	0.00	3.19	1.69	1	11	5	91	0.00	0.0	5.198	0.009	0	0	0	2
PD.2030	PL.16258	C	fuse6AMP	7.37Y	122.8	0.00	3.19	1.69	29	11	5	91	0.00	0.0	5.198	0.000	0	0	0	2
PL.16259	PD.2030	C	4ACSR	7.37Y	122.8	0.01	3.20	1.69	1	11	5	91	0.00	0.0	5.263	0.064	0	0	0	2
084234	PL.16259	C	Consumer	7.37Y	122.8	0.00	3.20	0.86	0	6	3	89	0.00	0.0	5.263	0.000	6	3	1	1
084254	PL.16259	C	Consumer	7.37Y	122.8	0.00	3.20	0.83	0	6	2	95	0.00	0.0	5.263	0.000	6	2	1	1
084214	PL.19853	A	Consumer	7.27Y	121.1	0.00	4.86	1.37	0	9	4	91	0.00	0.0	5.144	0.000	9	4	1	1
084212	PL.19853	A	Consumer	7.27Y	121.1	0.00	4.86	0.85	0	6	2	95	0.00	0.0	5.144	0.000	6	2	1	1
084202	PL.27971	A	Consumer	7.27Y	121.1	0.00	4.85	0.92	0	6	3	89	0.00	0.0	5.089	0.000	6	3	1	1
084213	PL.14288	A	Consumer	7.27Y	121.2	0.00	4.84	1.22	0	8	4	89	0.00	0.0	5.050	0.000	8	4	1	1
PL.16262	PL.14287	A	4ACSR	7.27Y	121.2	0.00	4.83	0.43	0	3	1	95	0.00	0.0	5.005	0.009	0	0	0	1
PD.2028	PL.16262	A	fuse6AMP	7.27Y	121.2	0.00	4.83	0.43	7	3	1	95	0.00	0.0	5.005	0.000	0	0	0	1
PL.16263	PD.2028	A	4ACSR	7.27Y	121.2	0.00	4.83	0.43	0	3	1	95	0.00	0.0	5.039	0.033	0	0	0	1
PL.8368	PL.16263	A	4ACSR	7.27Y	121.2	0.00	4.83	0.43	0	3	1	95	0.00	0.0	5.109	0.071	0	0	0	1
084225	PL.8368	A	Consumer	7.27Y	121.2	0.00	4.83	0.43	0	3	1	95	0.00	0.0	5.109	0.000	3	1	1	1
084209	PL.14287	A	Consumer	7.27Y	121.2	0.00	4.83	0.74	0	5	2	93	0.00	0.0	4.997	0.000	5	2	1	1
0832117	PL.8426	A	Consumer	7.28Y	121.3	0.00	4.74	0.00	0	0	0	100	0.00	0.0	4.700	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
084272	PL.8426	B	Consumer	7.43Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	4.700	0.000	0	0	0	0
083287	PL.8426	A	Consumer	7.28Y	121.3	0.00	4.74	3.01	0	20	9	91	0.00	0.0	4.700	0.000	20	9	1	1
083214	PL.27964	A	Consumer	7.28Y	121.3	0.00	4.71	0.78	0	5	2	93	0.00	0.0	4.584	0.000	5	2	1	1
083286	PL.27964	A	Consumer	7.28Y	121.3	0.00	4.71	0.88	0	6	3	89	0.00	0.0	4.584	0.000	6	3	1	1
083266	PL.19849	B	Consumer	7.43Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	4.418	0.000	0	0	1	1
083257	PL.19849	B	Consumer	7.43Y	123.8	0.00	2.23	0.47	0	3	1	95	0.00	0.0	4.418	0.000	3	1	1	1
083212	PL.8377	C	Consumer	7.39Y	123.1	0.00	2.89	0.56	0	4	2	89	0.00	0.0	4.225	0.000	4	2	1	1
083290	PL.8379	B	Consumer	7.42Y	123.7	0.00	2.28	0.98	0	7	3	92	0.00	0.0	4.098	0.000	7	3	1	1
083242	PL.14706	A	Consumer	7.29Y	121.5	0.00	4.48	0.71	0	5	2	93	0.00	0.0	3.956	0.000	5	2	1	1
PL.38143	PL.30823	A	4ACSR	7.29Y	121.6	0.00	4.44	1.30	1	9	4	91	0.00	0.0	3.874	0.005	0	0	0	2
PD.6621	PL.38143	A	fuse6AMP	7.29Y	121.6	0.00	4.44	1.30	22	9	4	91	0.00	0.0	3.874	0.000	0	0	0	2
PL.38144	PD.6621	A	4ACSR	7.29Y	121.6	0.00	4.45	1.30	1	9	4	91	0.00	0.0	3.946	0.073	0	0	0	2
083279	PL.38144	A	Consumer	7.29Y	121.6	0.00	4.45	0.74	0	5	2	93	0.00	0.0	3.946	0.000	5	2	1	1
083297	PL.38144	A	Consumer	7.29Y	121.6	0.00	4.45	0.56	0	4	2	89	0.00	0.0	3.946	0.000	4	2	1	1
PL.38145	PL.38441	C	4ACSR	7.39Y	123.2	0.00	2.75	2.69	2	18	8	91	0.00	0.0	3.841	0.003	0	0	0	4
PD.6622	PL.38145	C	fuse6AMP	7.39Y	123.2	0.00	2.75	2.69	46	18	8	91	0.00	0.0	3.841	0.000	0	0	0	4
PL.38146	PD.6622	C	4ACSR	7.39Y	123.2	0.01	2.76	2.69	2	18	8	91	0.00	0.0	3.911	0.070	0	0	0	4
PL.8433	PL.38146	C	4ACSR	7.39Y	123.2	0.00	2.77	1.49	1	10	4	93	0.00	0.0	3.978	0.067	0	0	0	2
PL.14709	PL.8433	C	4ACSR	7.39Y	123.2	0.00	2.77	1.49	1	10	4	93	0.00	0.0	4.033	0.055	0	0	0	2
PL.14710	PL.14709	C	4ACSR	7.39Y	123.2	0.00	2.77	0.32	0	2	1	89	0.00	0.0	4.068	0.035	0	0	0	1
PL.14711	PL.14710	C	4ACSR	7.39Y	123.2	0.00	2.77	0.32	0	2	1	89	0.00	0.0	4.130	0.062	0	0	0	1
PL.24262	PL.14711	C	4ACSR	7.39Y	123.2	0.00	2.77	0.32	0	2	1	89	0.00	0.0	4.197	0.067	0	0	0	1
083298	PL.24262	C	Consumer	7.39Y	123.2	0.00	2.77	0.32	0	2	1	89	0.00	0.0	4.197	0.000	2	1	1	1
PL.24257	PL.14710	C	4ACSR	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	4.095	0.027	0	0	0	0
PL.24258	PL.14709	C	4ACSR	7.39Y	123.2	0.00	2.77	1.17	1	8	3	94	0.00	0.0	4.059	0.026	0	0	0	1
083283	PL.24258	C	Consumer	7.39Y	123.2	0.00	2.77	1.17	0	8	3	94	0.00	0.0	4.059	0.000	8	3	1	1
0832104	PL.38146	C	Consumer	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	3.911	0.000	0	0	0	0
083205	PL.38146	C	Consumer	7.39Y	123.2	0.00	2.76	1.17	0	8	3	94	0.00	0.0	3.911	0.000	8	3	1	1
PL.37682	PL.38146	C	2ACSR	7.39Y	123.2	0.00	2.76	0.02	0	0	0	100	0.00	0.0	3.939	0.028	0	0	0	1
0832121	PL.37682	C	Consumer	7.39Y	123.2	0.00	2.76	0.02	0	0	0	100	0.00	0.0	3.939	0.000	0	0	1	1
PL.38448	PL.38443	B	2ACSR	7.42Y	123.7	0.01	2.34	13.56	9	92	40	92	0.00	0.0	3.842	0.016	0	0	0	25
PD.6692	PL.38448	B	25E	7.42Y	123.7	0.00	2.34	13.56	54	92	40	92	0.00	0.0	3.842	0.000	0	0	0	25
PL.38449	PD.6692	B	2ACSR	7.42Y	123.6	0.03	2.36	13.56	9	92	40	92	0.02	0.0	3.900	0.058	0	0	0	25
PL.24497	PL.38449	B	2ACSR	7.42Y	123.6	0.00	2.36	0.63	0	4	2	89	0.00	0.0	3.934	0.034	0	0	0	1
0832105	PL.24497	B	Consumer	7.42Y	123.6	0.00	2.36	0.63	0	4	2	89	0.00	0.0	3.934	0.000	4	2	1	1
PL.14713	PL.38449	B	2ACSR	7.42Y	123.6	0.02	2.38	12.20	8	83	36	92	0.01	0.0	3.938	0.038	0	0	0	23
PL.33057	PL.14713	B	2ACSR	7.42Y	123.6	0.00	2.38	0.63	0	4	2	89	0.00	0.0	3.955	0.017	0	0	0	1
0832118	PL.33057	B	Consumer	7.42Y	123.6	0.00	2.38	0.63	0	4	2	89	0.00	0.0	3.955	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: STANTON

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.14714, 083294, 0832101, etc.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
084255	PL.14722	B	Consumer	7.41Y	123.5	0.00	2.52	0.06	0	0	0	100	0.00	0.0	4.893	0.000	0	0	1	1
PL.33055	PL.36753	B	2ACSR	7.41Y	123.5	0.01	2.49	2.52	2	17	7	92	0.00	0.0	4.434	0.080	0	0	0	5
PL.33056	PL.33055	B	2ACSR	7.41Y	123.5	0.00	2.49	2.12	1	14	6	92	0.00	0.0	4.468	0.034	0	0	0	4
PL.8371	PL.33056	B	2ACSR	7.41Y	123.5	0.00	2.50	2.12	1	14	6	92	0.00	0.0	4.487	0.019	0	0	0	4
PL.8372	PL.8371	B	2ACSR	7.41Y	123.5	0.01	2.50	1.46	1	10	4	93	0.00	0.0	4.600	0.113	0	0	0	3
PL.4735	PL.8372	B	2ACSR	7.41Y	123.5	0.00	2.50	0.33	0	2	1	89	0.00	0.0	4.662	0.063	0	0	0	1
083269	PL.4735	B	Consumer	7.41Y	123.5	0.00	2.50	0.33	0	2	1	89	0.00	0.0	4.662	0.000	2	1	1	1
PL.4734	PL.8372	B	2ACSR	7.41Y	123.5	0.00	2.51	1.10	1	7	3	92	0.00	0.0	4.722	0.122	0	0	0	1
083219	PL.4734	B	Consumer	7.41Y	123.5	0.00	2.51	1.10	0	7	3	92	0.00	0.0	4.722	0.000	7	3	1	1
083215	PL.8372	B	Consumer	7.41Y	123.5	0.00	2.50	0.02	0	0	0	100	0.00	0.0	4.600	0.000	0	0	1	1
083204	PL.8371	B	Consumer	7.41Y	123.5	0.00	2.50	0.66	0	4	2	89	0.00	0.0	4.487	0.000	4	2	1	1
083243	PL.8371	B	Consumer	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	4.487	0.000	0	0	0	0
0832115	PL.33055	B	Consumer	7.41Y	123.5	0.00	2.49	0.41	0	3	1	95	0.00	0.0	4.434	0.000	3	1	1	1
0832120	PL.36752	B	Consumer	7.41Y	123.5	0.00	2.48	0.51	0	3	1	95	0.00	0.0	4.292	0.000	3	1	1	1
0832113	PL.14718	B	Consumer	7.41Y	123.5	0.00	2.46	0.54	0	4	2	89	0.00	0.0	4.200	0.000	4	2	1	1
0832116	PL.14718	B	Consumer	7.41Y	123.5	0.00	2.46	0.44	0	3	1	95	0.00	0.0	4.200	0.000	3	1	1	1
083288	PL.14715	B	Consumer	7.42Y	123.6	0.00	2.41	0.00	0	0	0	100	0.00	0.0	4.041	0.000	0	0	0	0
083201	PL.14715	B	Consumer	7.42Y	123.6	0.00	2.41	0.77	0	5	2	93	0.00	0.0	4.041	0.000	5	2	1	1
083293	PL.14715	B	Consumer	7.42Y	123.6	0.00	2.41	0.01	0	0	0	100	0.00	0.0	4.041	0.000	0	0	1	1
083203	PL.14715	B	Consumer	7.42Y	123.6	0.00	2.41	0.77	0	5	2	93	0.00	0.0	4.041	0.000	5	2	1	1
083299	PL.14713	B	Consumer	7.42Y	123.6	0.00	2.38	1.14	0	8	3	94	0.00	0.0	3.938	0.000	8	3	1	1
PL.24498	PL.38449	B	2ACSR	7.42Y	123.6	0.00	2.36	0.73	0	5	2	93	0.00	0.0	3.942	0.041	0	0	0	1
083235	PL.24498	B	Consumer	7.42Y	123.6	0.00	2.36	0.73	0	5	2	93	0.00	0.0	3.942	0.000	5	2	1	1
PL.38149	PL.38717	C	4ACSR	7.40Y	123.3	0.00	2.73	1.22	1	8	4	89	0.00	0.0	3.773	0.021	0	0	0	1
PD.6624	PL.38149	C	fuse6AMP	7.40Y	123.3	0.00	2.73	1.22	21	8	4	89	0.00	0.0	3.773	0.000	0	0	0	1
PL.38150	PD.6624	C	2ACSR	7.40Y	123.3	0.00	2.73	1.22	1	8	4	89	0.00	0.0	3.838	0.066	0	0	0	1
083228	PL.38150	C	Consumer	7.40Y	123.3	0.00	2.73	1.22	0	8	4	89	0.00	0.0	3.838	0.000	8	4	1	1
PL.38405	PL.38416	C	4ACSR	7.40Y	123.3	0.00	2.70	1.58	1	11	5	91	0.00	0.0	3.695	0.039	0	0	0	4
PD.6625	PL.38405	C	fuse6AMP	7.40Y	123.3	0.00	2.70	1.58	27	11	5	91	0.00	0.0	3.695	0.000	0	0	0	4
PL.38151	PD.6625	C	4ACSR	7.40Y	123.3	0.00	2.70	1.58	1	11	5	91	0.00	0.0	3.698	0.003	0	0	0	4
PL.13813	PL.38151	C	4ACSR	7.40Y	123.3	0.00	2.70	1.58	1	11	5	91	0.00	0.0	3.727	0.029	0	0	0	4
PL.13814	PL.13813	C	4ACSR	7.40Y	123.3	0.00	2.71	1.43	1	10	4	93	0.00	0.0	3.761	0.034	0	0	0	3
PL.13815	PL.13814	C	4ACSR	7.40Y	123.3	0.00	2.71	0.71	1	5	2	93	0.00	0.0	3.785	0.024	0	0	0	1
PL.13816	PL.13815	C	4ACSR	7.40Y	123.3	0.00	2.71	0.71	1	5	2	93	0.00	0.0	3.829	0.044	0	0	0	1
083245	PL.13816	C	Consumer	7.40Y	123.3	0.00	2.71	0.71	0	5	2	93	0.00	0.0	3.829	0.000	5	2	1	1
083280	PL.13814	C	Consumer	7.40Y	123.3	0.00	2.71	0.29	0	2	1	89	0.00	0.0	3.761	0.000	2	1	1	1
083267	PL.13814	C	Consumer	7.40Y	123.3	0.00	2.71	0.43	0	3	1	95	0.00	0.0	3.761	0.000	3	1	1	1
083247	PL.13813	C	Consumer	7.40Y	123.3	0.00	2.70	0.15	0	1	0	100	0.00	0.0	3.727	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.38419	PL.38420	A	4ACSR	7.30Y	121.7	0.00	4.32	0.00	0	0	0	100	0.00	0.0	3.611	0.035	0	0	0	0
PL.38417	PL.38413	C	2ACSR	7.40Y	123.3	0.00	2.67	0.54	0	4	2	89	0.00	0.0	3.603	0.062	0	0	0	1
083253	PL.38417	C	Consumer	7.40Y	123.3	0.00	2.67	0.00	0	0	0	100	0.00	0.0	3.603	0.000	0	0	0	0
083260	PL.38417	C	Consumer	7.40Y	123.3	0.00	2.67	0.54	0	4	2	89	0.00	0.0	3.603	0.000	4	2	1	1
PL.38410	PL.38411	A	2ACSR	7.30Y	121.7	0.00	4.29	2.00	1	13	6	91	0.00	0.0	3.552	0.031	0	0	0	3
083248	PL.38410	A	Consumer	7.30Y	121.7	0.00	4.29	0.77	0	5	2	93	0.00	0.0	3.552	0.000	5	2	1	1
083270	PL.38410	A	Consumer	7.30Y	121.7	0.00	4.29	0.38	0	3	1	95	0.00	0.0	3.552	0.000	3	1	1	1
083282	PL.38410	A	Consumer	7.30Y	121.7	0.00	4.29	0.84	0	6	2	95	0.00	0.0	3.552	0.000	6	2	1	1
083255	PL.38402	A	Consumer	7.31Y	121.8	0.00	4.24	0.37	0	2	1	89	0.00	0.0	3.428	0.000	2	1	1	1
PL.16264	PL.13805	C	4ACSR	7.40Y	123.4	0.00	2.61	1.74	1	12	5	92	0.00	0.0	3.379	0.010	0	0	0	4
PD.2026	PL.16264	C	fuse6AMP	7.40Y	123.4	0.00	2.61	1.74	30	12	5	92	0.00	0.0	3.379	0.000	0	0	0	4
PL.16328	PD.2026	C	4ACSR	7.40Y	123.4	0.00	2.61	1.74	1	12	5	92	0.00	0.0	3.411	0.032	0	0	0	4
083292	PL.16328	C	Consumer	7.40Y	123.4	0.00	2.61	0.59	0	4	2	89	0.00	0.0	3.411	0.000	4	2	1	1
083296	PL.16328	C	Consumer	7.40Y	123.4	0.00	2.61	0.00	0	0	0	100	0.00	0.0	3.411	0.000	0	0	0	0
PL.13807	PL.16328	C	4ACSR	7.40Y	123.4	0.00	2.61	1.15	1	8	3	94	0.00	0.0	3.434	0.023	0	0	0	3
PL.24253	PL.13807	C	4ACSR	7.40Y	123.4	0.00	2.61	0.65	1	4	2	89	0.00	0.0	3.496	0.062	0	0	0	1
083284	PL.24253	C	Consumer	7.40Y	123.4	0.00	2.61	0.65	0	4	2	89	0.00	0.0	3.496	0.000	4	2	1	1
PL.13808	PL.13807	C	4ACSR	7.40Y	123.4	0.00	2.61	0.50	0	3	1	95	0.00	0.0	3.553	0.118	0	0	0	2
083222	PL.13808	C	Consumer	7.40Y	123.4	0.00	2.61	0.50	0	3	1	95	0.00	0.0	3.553	0.000	3	1	1	1
PL.8383	PL.13808	C	4ACSR	7.40Y	123.4	0.00	2.61	0.00	0	0	0	100	0.00	0.0	3.643	0.090	0	0	0	1
083218	PL.8383	C	Consumer	7.40Y	123.4	0.00	2.61	0.00	0	0	0	100	0.00	0.0	3.643	0.000	0	0	1	1
083291	PL.13804	B	Consumer	7.42Y	123.7	0.00	2.31	0.64	0	4	2	89	0.00	0.0	3.369	0.000	4	2	1	1
083233	PL.13804	B	Consumer	7.42Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	3.369	0.000	0	0	0	0
082222	PL.13803	B	Consumer	7.42Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	3.348	0.000	0	0	0	0
082224	PL.13803	B	Consumer	7.42Y	123.7	0.00	2.31	0.80	0	5	2	93	0.00	0.0	3.348	0.000	5	2	1	1
PL.43107	PL.43106	A	1/0CU	7.32Y	122.0	0.00	4.02	4.34	2	29	13	91	0.00	0.0	3.051	0.055	0	0	0	6
		B		7.42Y	123.7	0.00	2.30	1.67	1	11	5	92					0	0	0	4
		C		7.41Y	123.5	0.00	2.48	1.16	0	8	4	90					0	0	0	1
PL.18682	PL.43107	A	1/0CU	7.32Y	122.0	0.01	4.03	3.35	1	22	10	91	0.00	0.0	3.177	0.126	0	0	0	5
		B		7.42Y	123.7	0.00	2.30	1.67	1	11	5	92					0	0	0	4
		C		7.41Y	123.5	0.00	2.48	1.16	0	8	4	90					0	0	0	1
575704	PL.18682	A	Consumer	7.32Y	122.0	0.00	4.03	0.87	0	6	3	89	0.00	0.0	3.177	0.000	6	3	1	1
		C		7.41Y	123.5	0.00	2.48	0.86	0	6	3	90					6	3	1	1
575705	PL.18682	A	Consumer	7.32Y	122.0	0.00	4.03	0.30	0	2	1	89	0.00	0.0	3.177	0.000	2	1	1	1
		C		7.41Y	123.5	0.00	2.48	0.30	0	2	1	92					2	1	1	1
PL.18683	PL.18682	A	1/0CU	7.32Y	122.0	0.00	4.03	2.18	1	14	7	89	0.00	0.0	3.239	0.062	0	0	0	4
		B		7.42Y	123.7	0.00	2.30	1.67	1	11	5	92					0	0	0	4
		C		7.41Y	123.5	-0.00	2.48	0.00	0	0	0	100					0	0	0	0
PL.7544	PL.18683	A	1/0CU	7.32Y	122.0	0.00	4.03	2.18	1	14	7	89	0.00	0.0	3.286	0.047	0	0	0	4
		B		7.42Y	123.7	0.00	2.30	1.67	1	11	5	92					0	0	0	4
		C		7.41Y	123.5	-0.00	2.48	0.00	0	0	0	100					0	0	0	0
575702	PL.7544	B	Consumer	7.42Y	123.7	0.00	2.30	0.38	0	3	1	95	0.00	0.0	3.286	0.000	3	1	1	1
576802	PL.7544	B	Consumer	7.42Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	3.286	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.18684	PL.7544	A	1/0CU	7.32Y	122.0	0.00	4.03	2.18	1	14	7	89	0.00	0.0	3.318	0.033	0	0	0	4
		B		7.42Y	123.7	0.00	2.30	1.29	0	9	4	92					0	0	0	3
		C		7.41Y	123.5	-0.00	2.48	0.00	0	0	0	100					0	0	0	0
575802	PL.18684	A	Consumer	7.32Y	122.0	0.00	4.03	0.00	0	0	0	100	0.00	0.0	3.318	0.000	0	0	0	0
575804	PL.18684	A	Consumer	7.32Y	122.0	0.00	4.03	0.01	0	0	0	100	0.00	0.0	3.318	0.000	0	0	1	1
PL.18685	PL.18684	A	1/0CU	7.32Y	122.0	0.00	4.04	2.17	1	14	7	89	0.00	0.0	3.352	0.034	0	0	0	3
		B		7.42Y	123.7	0.00	2.30	1.29	0	9	4	92					0	0	0	3
		C		7.41Y	123.5	-0.00	2.48	0.00	0	0	0	100					0	0	0	0
PL.17704	PL.18685	A	1/0CU	7.32Y	122.0	0.00	4.04	1.83	1	12	6	89	0.00	0.0	3.425	0.073	0	0	0	2
		B		7.42Y	123.7	-0.00	2.30	0.46	0	3	1	92					0	0	0	1
		C		7.41Y	123.5	-0.00	2.48	0.00	0	0	0	100					0	0	0	0
PL.17705	PL.17704	A	4ACSR	7.32Y	122.0	0.00	4.04	1.40	1	9	4	91	0.00	0.0	3.426	0.001	0	0	0	2
		B		7.42Y	123.7	-0.00	2.30	0.03	0	0	0	90					0	0	0	1
		C		7.41Y	123.5	0.00	2.48	0.00	0	0	0	100					0	0	0	0
576905	PL.17705	A	Consumer	7.32Y	122.0	0.00	4.04	0.03	0	0	0	100	0.00	0.0	3.426	0.000	0	0	1	1
		B		7.42Y	123.7	0.00	2.30	0.03	0	0	0	90					0	0	1	1
576903	PL.17705	A	Consumer	7.32Y	122.0	0.00	4.04	1.37	0	9	4	91	0.00	0.0	3.426	0.000	9	4	1	1
PL.14293	PL.17705	A	1/0CU	7.32Y	122.0	0.00	4.04	0.00	0	0	0	100	0.00	0.0	3.452	0.026	0	0	0	0
		B		7.42Y	123.7	0.00	2.30	0.00	0	0	0	100					0	0	0	0
		C		7.41Y	123.5	0.00	2.48	0.00	0	0	0	100					0	0	0	0
PD.193-B	PL.14293	A	Open	7.32Y	122.0	0.00	4.04	0.00	0	0	0	100	0.00	0.0	3.452	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		7.41Y	123.5	0.00	2.48	0.00	0	0	0	100					0	0	0	0
PL.14790	PL.17704	A	4ACSR	7.32Y	122.0	0.00	4.04	0.43	0	3	1	95	0.00	0.0	3.428	0.003	0	0	0	1
		B		7.42Y	123.7	0.00	2.30	0.43	0	3	1	92					0	0	0	1
PD.2854	PL.14790	A	fuse6AMP	7.32Y	122.0	0.00	4.04	0.43	7	3	1	95	0.00	0.0	3.428	0.000	0	0	0	1
		B		7.42Y	123.7	0.00	2.30	0.43	7	3	1	92					0	0	0	1
PL.14791	PD.2854	A	4ACSR	7.32Y	122.0	0.00	4.04	0.43	0	3	1	95	0.00	0.0	3.468	0.040	0	0	0	1
		B		7.42Y	123.7	0.00	2.30	0.43	0	3	1	92					0	0	0	1
576904	PL.14791	A	Consumer	7.32Y	122.0	0.00	4.04	0.43	0	3	1	95	0.00	0.0	3.468	0.000	3	1	1	1
		B		7.42Y	123.7	0.00	2.30	0.43	0	3	1	92					3	1	1	1
575801	PL.18685	B	Consumer	7.42Y	123.7	0.00	2.30	0.58	0	4	2	89	0.00	0.0	3.352	0.000	4	2	1	1
575806	PL.18685	A	Consumer	7.32Y	122.0	0.00	4.04	0.34	0	2	1	89	0.00	0.0	3.352	0.000	2	1	1	1
575807	PL.18685	B	Consumer	7.42Y	123.7	0.00	2.30	0.25	0	2	1	89	0.00	0.0	3.352	0.000	2	1	1	1
PL.38155	PL.43107	A	4ACSR	7.32Y	122.0	0.00	4.02	0.99	1	7	3	92	0.00	0.0	3.057	0.006	0	0	0	1
PD.6627	PL.38155	A	fuse6AMP	7.32Y	122.0	0.00	4.02	0.99	17	7	3	92	0.00	0.0	3.057	0.000	0	0	0	1
PL.38156	PD.6627	A	4ACSR	7.32Y	122.0	0.01	4.03	0.99	1	7	3	92	0.00	0.0	3.196	0.139	0	0	0	1
082225	PL.38156	A	Consumer	7.32Y	122.0	0.00	4.03	0.99	0	7	3	92	0.00	0.0	3.196	0.000	7	3	1	1
PL.38947	PL.40387	B	4ACSR	7.43Y	123.8	0.00	2.22	0.01	0	0	0	100	0.00	0.0	2.451	0.002	0	0	0	1
PD.6782	PL.38947	B	fuse6AMP	7.43Y	123.8	0.00	2.22	0.01	0	0	0	100	0.00	0.0	2.451	0.000	0	0	0	1
PL.38948	PD.6782	B	4ACSR	7.43Y	123.8	0.00	2.22	0.01	0	0	0	100	0.00	0.0	2.495	0.043	0	0	0	1
082223	PL.38948	B	Consumer	7.43Y	123.8	0.00	2.22	0.01	0	0	0	100	0.00	0.0	2.495	0.000	0	0	1	1
637005	PL.14322	C	Consumer	7.43Y	123.9	0.00	2.12	0.81	0	6	2	95	0.00	0.0	2.289	0.000	6	2	1	1
637002	PL.14322	C	Consumer	7.43Y	123.9	0.00	2.12	0.93	0	6	3	89	0.00	0.0	2.289	0.000	6	3	1	1
PL.40388	PL.14322	C	2ACSR	7.43Y	123.9	0.00	2.12	1.49	1	10	4	93	0.00	0.0	2.309	0.020	0	0	0	4
638008	PL.40388	C	Consumer	7.43Y	123.9	0.00	2.12	0.32	0	2	1	89	0.00	0.0	2.309	0.000	2	1	1	1
637001	PL.40388	C	Consumer	7.43Y	123.9	0.00	2.12	0.16	0	1	0	100	0.00	0.0	2.309	0.000	1	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	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
638009	PL.40388	C	Consumer	7.43Y	123.9	0.00	2.12	0.47	0	3	1	95	0.00	0.0	2.309	0.000	3	1	1	1
638010	PL.40388	C	Consumer	7.43Y	123.9	0.00	2.12	0.54	0	4	2	89	0.00	0.0	2.309	0.000	4	2	1	1
PL.40393	PL.7774	B	2ACSR	7.43Y	123.8	0.00	2.20	2.96	2	20	9	91	0.00	0.0	2.258	0.017	0	0	0	7
638013	PL.40393	B	Consumer	7.43Y	123.8	0.00	2.20	0.53	0	4	2	89	0.00	0.0	2.258	0.000	4	2	1	1
638017	PL.40393	B	Consumer	7.43Y	123.8	0.00	2.20	0.00	0	0	0	100	0.00	0.0	2.258	0.000	0	0	0	0
638018	PL.40393	B	Consumer	7.43Y	123.8	0.00	2.20	0.41	0	3	1	95	0.00	0.0	2.258	0.000	3	1	1	1
638014	PL.40393	B	Consumer	7.43Y	123.8	0.00	2.20	0.23	0	2	1	89	0.00	0.0	2.258	0.000	2	1	1	1
PL.40394	PL.40393	B	2ACSR	7.43Y	123.8	0.00	2.20	1.77	1	12	5	92	0.00	0.0	2.273	0.015	0	0	0	4
638012	PL.40394	B	Consumer	7.43Y	123.8	0.00	2.20	0.54	0	4	2	89	0.00	0.0	2.273	0.000	4	2	1	1
638016	PL.40394	B	Consumer	7.43Y	123.8	0.00	2.20	0.58	0	4	2	89	0.00	0.0	2.273	0.000	4	2	1	1
638015	PL.40394	B	Consumer	7.43Y	123.8	0.00	2.20	0.66	0	5	2	93	0.00	0.0	2.273	0.000	5	2	1	1
638011	PL.40394	B	Consumer	7.43Y	123.8	0.00	2.20	0.00	0	0	0	100	0.00	0.0	2.273	0.000	0	0	1	1
6370020	PL.7774	B	Consumer	7.43Y	123.8	0.00	2.19	0.04	0	0	0	100	0.00	0.0	2.241	0.000	0	0	1	1
637003	PL.7774	A	Consumer	7.36Y	122.7	0.00	3.34	0.44	0	3	1	95	0.00	0.0	2.241	0.000	3	1	1	1
6370019	PL.7774	B	Consumer	7.43Y	123.8	0.00	2.19	1.08	0	7	3	92	0.00	0.0	2.241	0.000	7	3	1	1
637004	PL.7774	B	Consumer	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	2.241	0.000	0	0	0	0
6370014	PL.7774	B	Consumer	7.43Y	123.8	0.00	2.19	0.55	0	4	2	89	0.00	0.0	2.241	0.000	4	2	1	1
637007	PL.3873	A	Consumer	7.36Y	122.7	0.00	3.32	0.60	0	4	2	89	0.00	0.0	2.214	0.000	4	2	1	1
637011	PL.3873	A	Consumer	7.36Y	122.7	0.00	3.32	0.54	0	4	2	89	0.00	0.0	2.214	0.000	4	2	1	1
637009	PL.3873	A	Consumer	7.36Y	122.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	2.214	0.000	0	0	0	0
637010	PL.3873	A	Consumer	7.36Y	122.7	0.00	3.32	0.75	0	5	2	93	0.00	0.0	2.214	0.000	5	2	1	1
637012	PL.3873	A	Consumer	7.36Y	122.7	0.00	3.32	0.09	0	1	0	100	0.00	0.0	2.214	0.000	1	0	1	1
637008	PL.3873	B	Consumer	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	2.214	0.000	0	0	0	0
PL.26430	PL.290	A	1/0CU	7.36Y	122.7	0.02	3.26	9.71	4	64	31	90	0.01	0.0	2.258	0.125	0	0	0	11
		B		7.43Y	123.8	-0.00	2.17	2.56	1	16	10	85					0	0	0	1
		C		7.44Y	124.0	0.01	2.04	4.84	2	32	17	89					0	0	0	5
PL.26431	PL.26430	A	1/0CU	7.36Y	122.7	0.00	3.26	3.85	1	25	14	87	0.00	0.0	2.306	0.048	0	0	0	2
		B		7.43Y	123.8	0.00	2.17	2.51	1	16	10	85					0	0	0	0
		C		7.44Y	124.0	0.00	2.05	4.84	2	32	17	89					0	0	0	5
638902	PL.26431	A	Consumer	7.36Y	122.7	0.00	3.26	0.53	0	3	2	83	0.00	0.0	2.306	0.000	3	2	1	1
639001	PL.26431	A	Consumer	7.36Y	122.7	0.00	3.26	0.00	0	0	0	100	0.00	0.0	2.306	0.000	0	0	0	0
		B		7.43Y	123.8	0.00	2.17	0.00	0	0	0	100					0	0	0	0
		C		7.44Y	124.0	0.00	2.05	0.00	0	0	0	100					0	0	0	0
638903	PL.26431	A	Consumer	7.36Y	122.7	0.00	3.26	0.80	0	5	3	86	0.00	0.0	2.306	0.000	5	3	1	1
639002	PL.26431	A	Consumer	7.36Y	122.7	0.00	3.26	2.53	0	16	10	85	0.00	0.0	2.306	0.000	16	10	0	0
		B		7.43Y	123.8	0.00	2.17	2.51	0	16	10	85					16	10	0	0
		C		7.44Y	124.0	0.00	2.05	2.51	0	16	10	85					16	10	0	0
PL.33111	PL.26431	C	4ACSR	7.44Y	124.0	0.00	2.05	2.35	2	16	7	92	0.00	0.0	2.326	0.020	0	0	0	5
6389007	PL.33111	C	Consumer	7.44Y	124.0	0.00	2.05	0.00	0	0	0	100	0.00	0.0	2.326	0.000	0	0	1	1
PL.33112	PL.33111	C	4ACSR	7.44Y	123.9	0.00	2.05	2.35	2	16	7	92	0.00	0.0	2.345	0.019	0	0	0	4
PL.3871	PL.33112	C	4ACSR	7.44Y	123.9	0.01	2.06	2.35	2	16	7	92	0.00	0.0	2.443	0.098	0	0	0	4
PL.24490	PL.3871	C	4ACSR	7.44Y	123.9	0.01	2.07	2.35	2	16	7	92	0.00	0.0	2.494	0.051	0	0	0	4

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
082217	PL.24490	C	Consumer	7.44Y	123.9	0.00	2.07	0.86	0	6	3	89	0.00	0.0	2.494	0.000	6	3	1	1
082221	PL.24490	C	Consumer	7.44Y	123.9	0.00	2.07	0.61	0	4	2	89	0.00	0.0	2.494	0.000	4	2	1	1
082216	PL.24490	C	Consumer	7.44Y	123.9	0.00	2.07	0.51	0	4	2	89	0.00	0.0	2.494	0.000	4	2	1	1
082214	PL.24490	C	Consumer	7.44Y	123.9	0.00	2.07	0.37	0	3	1	95	0.00	0.0	2.494	0.000	3	1	1	1
6389008	PL.26430	B	Consumer	7.43Y	123.8	0.00	2.17	0.06	0	0	0	100	0.00	0.0	2.258	0.000	0	0	1	1
PL.38945	PL.26430	A	4ACSR	7.36Y	122.7	0.00	3.26	5.88	5	40	17	92	0.00	0.0	2.261	0.003	0	0	0	9
PD.6781-A	PL.38945	A	Closed	7.36Y	122.7	0.00	3.26	5.88	0	40	17	92	0.00	0.0	2.261	0.000	0	0	0	9
PD.6781-B	PD.6781-A	A	Closed	7.36Y	122.7	0.00	3.26	5.88	0	40	17	92	0.00	0.0	2.261	0.000	0	0	0	9
PL.38946	PD.6781-B	A	4ACSR	7.36Y	122.7	0.01	3.27	5.88	5	40	17	92	0.00	0.0	2.300	0.039	0	0	0	9
638007	PL.38946	A	Consumer	7.36Y	122.7	0.00	3.27	0.93	0	6	3	89	0.00	0.0	2.300	0.000	6	3	1	1
637906	PL.38946	A	Consumer	7.36Y	122.7	0.00	3.27	0.50	0	3	1	95	0.00	0.0	2.300	0.000	3	1	1	1
PL.20852	PL.38946	A	4ACSR	7.36Y	122.7	0.01	3.28	4.45	4	30	13	92	0.00	0.0	2.342	0.042	0	0	0	7
638005	PL.20852	A	Consumer	7.36Y	122.7	0.00	3.28	0.32	0	2	1	89	0.00	0.0	2.342	0.000	2	1	1	1
638006	PL.20852	A	Consumer	7.36Y	122.7	0.00	3.28	0.78	0	5	2	93	0.00	0.0	2.342	0.000	5	2	1	1
PL.13797	PL.20852	A	4ACSR	7.36Y	122.7	0.00	3.29	3.35	3	23	10	92	0.00	0.0	2.374	0.032	0	0	0	5
638003	PL.13797	A	Consumer	7.36Y	122.7	0.00	3.29	0.23	0	2	1	89	0.00	0.0	2.374	0.000	2	1	1	1
638004	PL.13797	A	Consumer	7.36Y	122.7	0.00	3.29	0.88	0	6	3	89	0.00	0.0	2.374	0.000	6	3	1	1
PL.13798	PL.13797	A	4ACSR	7.36Y	122.7	0.00	3.29	2.24	2	15	7	91	0.00	0.0	2.397	0.023	0	0	0	3
638001	PL.13798	A	Consumer	7.36Y	122.7	0.00	3.29	0.79	0	5	2	93	0.00	0.0	2.397	0.000	5	2	1	1
082220	PL.13798	A	Consumer	7.36Y	122.7	0.00	3.29	0.69	0	5	2	93	0.00	0.0	2.397	0.000	5	2	1	1
638002	PL.13798	A	Consumer	7.36Y	122.7	0.00	3.29	0.77	0	5	2	93	0.00	0.0	2.397	0.000	5	2	1	1
PL.40389	PL.290	A	2ACSR	7.36Y	122.7	0.01	3.25	8.38	5	57	24	92	0.00	0.0	2.175	0.042	0	0	0	13
637909	PL.40389	A	Consumer	7.36Y	122.7	0.00	3.25	0.46	0	3	1	95	0.00	0.0	2.175	0.000	3	1	1	1
637907	PL.40389	A	Consumer	7.36Y	122.7	0.00	3.25	1.37	0	9	4	91	0.00	0.0	2.175	0.000	9	4	1	1
637910	PL.40389	A	Consumer	7.36Y	122.7	0.00	3.25	0.47	0	3	1	95	0.00	0.0	2.175	0.000	3	1	1	1
637908	PL.40389	A	Consumer	7.36Y	122.7	0.00	3.25	0.89	0	6	3	89	0.00	0.0	2.175	0.000	6	3	1	1
PL.40391	PL.40389	A	2ACSR	7.36Y	122.7	0.01	3.26	5.18	3	35	15	92	0.00	0.0	2.222	0.047	0	0	0	9
PL.40392	PL.40391	A	2ACSR	7.36Y	122.7	0.00	3.26	3.10	2	21	9	92	0.00	0.0	2.236	0.014	0	0	0	4
638020	PL.40392	A	Consumer	7.36Y	122.7	0.00	3.26	0.99	0	7	3	92	0.00	0.0	2.236	0.000	7	3	1	1
638025	PL.40392	A	Consumer	7.36Y	122.7	0.00	3.26	0.42	0	3	1	95	0.00	0.0	2.236	0.000	3	1	1	1
638019	PL.40392	A	Consumer	7.36Y	122.7	0.00	3.26	0.84	0	6	2	95	0.00	0.0	2.236	0.000	6	2	1	1
638024	PL.40392	A	Consumer	7.36Y	122.7	0.00	3.26	0.85	0	6	2	95	0.00	0.0	2.236	0.000	6	2	1	1
638021	PL.40391	A	Consumer	7.36Y	122.7	0.00	3.26	0.00	0	0	0	100	0.00	0.0	2.222	0.000	0	0	0	0
638023	PL.40391	A	Consumer	7.36Y	122.7	0.00	3.26	0.48	0	3	1	95	0.00	0.0	2.222	0.000	3	1	1	1
638027	PL.40391	A	Consumer	7.36Y	122.7	0.00	3.26	0.18	0	1	1	71	0.00	0.0	2.222	0.000	1	1	1	1
638022	PL.40391	A	Consumer	7.36Y	122.7	0.00	3.26	0.37	0	2	1	89	0.00	0.0	2.222	0.000	2	1	1	1
638026	PL.40391	A	Consumer	7.36Y	122.7	0.00	3.26	0.51	0	3	1	95	0.00	0.0	2.222	0.000	3	1	1	1
638028	PL.40391	A	Consumer	7.36Y	122.7	0.00	3.26	0.55	0	4	2	89	0.00	0.0	2.222	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
6369003	PL.290	A	Consumer	7.37Y	122.8	0.00	3.24	0.66	0	4	2	89	0.00	0.0	2.134	0.000	4	2	1	1
636901	PL.290	A	Consumer	7.37Y	122.8	0.00	3.24	0.87	0	6	3	89	0.00	0.0	2.134	0.000	6	3	1	1
637912	PL.290	A	Consumer	7.37Y	122.8	0.00	3.24	0.02	0	0	0	100	0.00	0.0	2.134	0.000	0	0	1	1
		C		7.44Y	124.0	0.00	2.03	0.02	0	0	0	90					0	0	1	1
6369002	PL.290	A	Consumer	7.37Y	122.8	0.00	3.24	0.36	0	2	1	89	0.00	0.0	2.134	0.000	2	1	1	1
PL.17414	PL.26390	A	1/0CU	7.38Y	123.0	0.00	3.04	9.51	4	64	29	91	0.00	0.0	1.984	0.005	0	0	0	12
		B		7.43Y	123.8	0.00	2.15	7.77	3	53	24	91					0	0	0	8
		C		7.44Y	124.1	0.00	1.93	25.60	10	174	78	91					0	0	0	41
PD.3579	PL.17414	A	50V4E	7.38Y	123.0	0.00	3.04	9.51	19	64	29	91	0.00	0.0	1.984	0.000	0	0	0	12
		B		7.43Y	123.8	0.00	2.15	7.77	16	53	24	91					0	0	0	8
		C		7.44Y	124.1	0.00	1.93	25.60	51	174	78	91					0	0	0	41
PL.17415	PD.3579	A	1/0CU	7.38Y	123.0	-0.00	3.04	9.51	4	64	29	91	0.03	0.0	2.035	0.051	0	0	0	12
		B		7.43Y	123.8	0.01	2.16	7.77	3	53	24	91					0	0	0	8
		C		7.44Y	124.0	0.02	1.96	25.60	10	174	78	91					0	0	0	41
PL.26391	PL.17415	A	1/0CU	7.38Y	123.0	-0.00	3.04	5.76	2	38	18	90	0.02	0.0	2.073	0.037	0	0	0	3
		B		7.43Y	123.8	0.01	2.17	7.77	3	53	24	91					0	0	0	8
		C		7.44Y	124.0	0.02	1.97	24.55	9	167	75	91					0	0	0	38
PL.38874	PL.26391	C	4ACSR	7.44Y	124.0	0.00	1.97	4.70	4	32	14	92	0.00	0.0	2.078	0.005	0	0	0	6
C PD.6752	PL.38874	C	fuse6AMP	7.44Y	124.0	0.00	1.97	4.70	80	32	14	92	0.00	0.0	2.078	0.000	0	0	0	6 C
PL.38875	PD.6752	C	4ACSR	7.44Y	124.0	0.01	1.98	4.70	4	32	14	92	0.00	0.0	2.106	0.028	0	0	0	6
PL.7823	PL.38875	C	4ACSR	7.44Y	124.0	0.00	1.98	2.00	2	14	6	92	0.00	0.0	2.146	0.039	0	0	0	3
638704	PL.7823	C	Consumer	7.44Y	124.0	0.00	1.98	0.92	0	6	3	89	0.00	0.0	2.146	0.000	6	3	1	1
638710	PL.7823	C	Consumer	7.44Y	124.0	0.00	1.98	0.64	0	4	2	89	0.00	0.0	2.146	0.000	4	2	1	1
638705	PL.7823	C	Consumer	7.44Y	124.0	0.00	1.98	0.44	0	3	1	95	0.00	0.0	2.146	0.000	3	1	1	1
6388012	PL.38875	C	Consumer	7.44Y	124.0	0.00	1.98	2.13	0	14	7	89	0.00	0.0	2.106	0.000	8	4	1	2
638809	6388012	C	Consumer	7.44Y	124.0	0.00	1.98	0.98	0	7	3	92	0.00	0.0	2.106	0.000	7	3	1	1
638805	PL.38875	C	Consumer	7.44Y	124.0	0.00	1.98	0.58	0	4	2	89	0.00	0.0	2.106	0.000	4	2	1	1
PL.26392	PL.26391	A	1/0CU	7.38Y	123.0	-0.01	3.04	1.30	0	9	4	91	0.01	0.0	2.121	0.048	0	0	0	0
		B		7.43Y	123.8	0.00	2.17	1.29	0	9	4	90					0	0	0	0
		C		7.44Y	124.0	0.02	1.99	17.04	6	116	51	91					0	0	0	30
638808	PL.26392	C	Consumer	7.44Y	124.0	0.00	1.99	0.92	0	6	3	89	0.00	0.0	2.121	0.000	6	3	1	1
PL.26393	PL.26392	A	1/0CU	7.38Y	123.0	-0.00	3.03	1.30	0	9	4	91	0.00	0.0	2.151	0.030	0	0	0	0
		B		7.43Y	123.8	0.00	2.17	1.29	0	9	4	90					0	0	0	0
		C		7.44Y	124.0	0.01	2.00	14.18	5	97	43	91					0	0	0	27
PL.3868	PL.26393	A	1/0CU	7.38Y	123.0	0.00	3.03	1.30	0	9	4	91	0.00	0.0	2.177	0.026	0	0	0	0
		B		7.43Y	123.8	0.00	2.17	1.29	0	9	4	90					0	0	0	0
		C		7.44Y	124.0	0.00	2.00	1.29	0	9	4	90					0	0	0	0
639801	PL.3868	A	Consumer	7.38Y	123.0	0.00	3.03	1.30	0	9	4	91	0.00	0.0	2.177	0.000	9	4	0	0
		B		7.43Y	123.8	0.00	2.17	1.29	0	9	4	90					9	4	0	0
		C		7.44Y	124.0	0.00	2.00	1.29	0	9	4	90					9	4	0	0
PL.24344	PL.3868	A	4ACSR	7.38Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	2.207	0.030	0	0	0	0
PL.7824	PL.26393	C	4ACSR	7.44Y	124.0	0.02	2.01	12.90	11	88	38	92	0.01	0.0	2.183	0.032	0	0	0	27
PL.7825	PL.7824	C	4ACSR	7.44Y	124.0	0.03	2.04	10.98	9	75	33	92	0.02	0.0	2.237	0.054	0	0	0	25
639701	PL.7825	C	Consumer	7.44Y	124.0	0.00	2.04	0.02	0	0	0	100	0.00	0.0	2.237	0.000	0	0	1	1
638804	PL.7825	C	Consumer	7.44Y	124.0	0.00	2.04	0.26	0	2	1	89	0.00	0.0	2.237	0.000	2	1	1	1
638702	PL.7825	C	Consumer	7.44Y	124.0	0.00	2.04	0.48	0	3	1	95	0.00	0.0	2.237	0.000	3	1	1	1
PL.26394	PL.7825	C	4ACSR	7.44Y	123.9	0.01	2.05	10.22	9	70	31	91	0.01	0.0	2.264	0.027	0	0	0	22

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
638709	PL.26394	C	Consumer	7.44Y	123.9	0.00	2.05	0.00	0	0	0	100	0.00	0.0	2.264	0.000	0	0	1	1
638701	PL.26394	C	Consumer	7.44Y	123.9	0.00	2.05	0.77	0	5	2	93	0.00	0.0	2.264	0.000	5	2	1	1
PL.26425	PL.26394	C	4ACSR	7.44Y	123.9	0.00	2.06	9.44	8	64	28	92	0.00	0.0	2.274	0.010	0	0	0	20
PL.3867	PL.26425	C	4ACSR	7.44Y	123.9	0.00	2.06	1.35	1	9	4	91	0.00	0.0	2.292	0.018	0	0	0	1
639702	PL.3867	C	Consumer	7.44Y	123.9	0.00	2.06	1.35	0	9	4	91	0.00	0.0	2.292	0.000	9	4	1	1
PL.26426	PL.26425	C	4ACSR	7.43Y	123.9	0.05	2.11	8.09	7	55	24	92	0.02	0.0	2.400	0.126	0	0	0	19
639603	PL.26426	C	Consumer	7.43Y	123.9	0.00	2.11	0.03	0	0	0	100	0.00	0.0	2.400	0.000	0	0	1	1
PL.20806	PL.26426	C	4ACSR	7.43Y	123.9	0.02	2.12	8.07	7	55	24	92	0.01	0.0	2.443	0.043	0	0	0	18
PL.20807	PL.20806	C	4ACSR	7.43Y	123.9	0.01	2.14	6.51	5	44	19	92	0.00	0.0	2.488	0.045	0	0	0	15
639601	PL.20807	C	Consumer	7.43Y	123.9	0.00	2.14	0.60	0	4	2	89	0.00	0.0	2.488	0.000	4	2	1	1
PL.7819	PL.20807	C	4ACSR	7.43Y	123.9	0.01	2.14	5.91	5	40	17	92	0.00	0.0	2.521	0.033	0	0	0	14
PL.20808	PL.7819	C	4ACSR	7.43Y	123.8	0.01	2.15	5.18	4	35	15	92	0.00	0.0	2.556	0.035	0	0	0	12
639503	PL.20808	C	Consumer	7.43Y	123.8	0.00	2.15	0.72	0	5	2	93	0.00	0.0	2.556	0.000	5	2	1	1
639508	PL.20808	C	Consumer	7.43Y	123.8	0.00	2.15	0.10	0	1	0	100	0.00	0.0	2.556	0.000	1	0	1	1
639511	PL.20808	C	Consumer	7.43Y	123.8	0.00	2.15	0.03	0	0	0	100	0.00	0.0	2.556	0.000	0	0	1	1
639510	PL.20808	C	Consumer	7.43Y	123.8	0.00	2.15	0.02	0	0	0	100	0.00	0.0	2.556	0.000	0	0	1	1
639502	PL.20808	C	Consumer	7.43Y	123.8	0.00	2.15	0.71	0	5	2	93	0.00	0.0	2.556	0.000	5	2	1	1
PL.20809	PL.20808	C	4ACSR	7.43Y	123.8	0.00	2.16	3.59	3	24	11	91	0.00	0.0	2.578	0.022	0	0	0	7
PL.26427	PL.20809	C	4ACSR	7.43Y	123.8	0.00	2.16	2.84	2	19	8	92	0.00	0.0	2.589	0.011	0	0	0	6
PL.26428	PL.26427	C	4ACSR	7.43Y	123.8	0.00	2.16	2.43	2	17	7	92	0.00	0.0	2.608	0.018	0	0	0	5
PL.26429	PL.26428	C	4ACSR	7.43Y	123.8	0.01	2.17	1.28	1	9	4	91	0.00	0.0	2.700	0.093	0	0	0	3
639403	PL.26429	C	Consumer	7.43Y	123.8	0.00	2.17	0.42	0	3	1	95	0.00	0.0	2.700	0.000	3	1	1	1
639404	PL.26429	C	Consumer	7.43Y	123.8	0.00	2.17	0.67	0	5	2	93	0.00	0.0	2.700	0.000	5	2	1	1
6394012	PL.26429	C	Consumer	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	2.700	0.000	0	0	0	0
639405	PL.26429	C	Consumer	7.43Y	123.8	0.00	2.17	0.19	0	1	1	71	0.00	0.0	2.700	0.000	1	1	1	1
639408	PL.26428	C	Consumer	7.43Y	123.8	0.00	2.16	1.09	0	7	3	92	0.00	0.0	2.608	0.000	7	3	1	1
639411	PL.26428	C	Consumer	7.43Y	123.8	0.00	2.16	0.07	0	0	0	100	0.00	0.0	2.608	0.000	0	0	1	1
639509	PL.26427	C	Consumer	7.43Y	123.8	0.00	2.16	0.40	0	3	1	95	0.00	0.0	2.589	0.000	3	1	1	1
639504	PL.20809	C	Consumer	7.43Y	123.8	0.00	2.16	0.75	0	5	2	93	0.00	0.0	2.578	0.000	5	2	1	1
639501	PL.7819	C	Consumer	7.43Y	123.9	0.00	2.14	0.73	0	5	2	93	0.00	0.0	2.521	0.000	5	2	1	1
639506	PL.7819	C	Consumer	7.43Y	123.9	0.00	2.14	0.00	0	0	0	100	0.00	0.0	2.521	0.000	0	0	1	1
639606	PL.20806	C	Consumer	7.43Y	123.9	0.00	2.12	0.91	0	6	3	89	0.00	0.0	2.443	0.000	6	3	1	1
639604	PL.20806	C	Consumer	7.43Y	123.9	0.00	2.12	0.64	0	4	2	89	0.00	0.0	2.443	0.000	4	2	1	1
639605	PL.20806	C	Consumer	7.43Y	123.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	2.443	0.000	0	0	1	1
638801	PL.7824	C	Consumer	7.44Y	124.0	0.00	2.01	0.48	0	3	1	95	0.00	0.0	2.183	0.000	3	1	1	1
639802	PL.7824	C	Consumer	7.44Y	124.0	0.00	2.01	1.43	0	10	4	93	0.00	0.0	2.183	0.000	10	4	1	1
PL.44653	PL.26392	C	2ACSR	7.44Y	124.0	0.00	1.99	1.93	1	13	6	91	0.00	0.0	2.124	0.003	0	0	0	2
PD.8589	PL.44653	C	fuse6AMP	7.44Y	124.0	0.00	1.99	1.93	33	13	6	91	0.00	0.0	2.124	0.000	0	0	0	2

Unbalanced Voltage Drop Report
Source: STANTON

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.44654, PL.38810, etc.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	% PF	kW Loss	% Loss			KW	KVAR			
6377012	PL.33038	C	Consumer	7.44Y	124.0	0.00	1.96	0.24	0	2	1	89	0.00	0.0	2.125	0.000	2	1	1	1
638703	PL.33038	A C	Consumer	7.38Y 7.44Y	123.0 124.0	0.00	3.05 1.96	0.13 0.13	0	1	0	100 92	0.00	0.0	2.125	0.000	1 1	0 0	1 1	1 1
637803	PL.38877	A	Consumer	7.38Y	123.0	0.00	3.04	0.34	0	2	1	89	0.00	0.0	2.081	0.000	2	1	1	1
637802	PL.17415	A	Consumer	7.38Y	123.0	0.00	3.04	0.44	0	3	1	95	0.00	0.0	2.035	0.000	3	1	1	1
637808	PL.17415	A	Consumer	7.38Y	123.0	0.00	3.04	0.25	0	2	1	89	0.00	0.0	2.035	0.000	2	1	1	1
637806	PL.17415	A	Consumer	7.38Y	123.0	0.00	3.04	0.40	0	3	1	95	0.00	0.0	2.035	0.000	3	1	1	1
637810	PL.17415	A	Consumer	7.38Y	123.0	0.00	3.04	0.18	0	1	1	71	0.00	0.0	2.035	0.000	1	1	1	1
637805	PL.17415	A	Consumer	7.38Y	123.0	0.00	3.04	0.48	0	3	2	83	0.00	0.0	2.035	0.000	3	2	1	1
637809	PL.17415	A	Consumer	7.38Y	123.0	0.00	3.04	0.43	0	3	1	95	0.00	0.0	2.035	0.000	3	1	1	1
637801	PL.17415	A	Consumer	7.38Y	123.0	0.00	3.04	0.88	0	6	3	89	0.00	0.0	2.035	0.000	6	3	1	1
637707	PL.26389	B	Consumer	7.43Y	123.9	0.00	2.13	0.47	0	3	1	95	0.00	0.0	1.906	0.000	3	1	1	1
637705	PL.26389	C	Consumer	7.45Y	124.2	0.00	1.85	0.36	0	2	1	89	0.00	0.0	1.906	0.000	2	1	1	1
637702	PL.17413	A	Consumer	7.39Y	123.1	0.00	2.89	0.38	0	3	1	95	0.00	0.0	1.858	0.000	3	1	1	1
636701	PL.7751	B	Consumer	7.43Y	123.9	0.00	2.11	0.28	0	2	1	89	0.00	0.0	1.834	0.000	2	1	1	1
P CP.25	PL.31922	A	Cap (150)	7.41Y	123.5	0.00	2.52	-7.15	0	0	-53	0	0.00	0.0	1.602	0.000	0	0	0	0 P
P		B		7.44Y	124.0	0.00	1.97	-7.18	0	0	-53	0			0	0	0	0	0 P	
P		C		7.47Y	124.5	0.00	1.53	-7.20	0	0	-54	0			0	0	0	0	0 P	
637407	PL.31927	A	Consumer	7.41Y	123.5	0.00	2.45	0.65	0	4	2	89	0.00	0.0	1.559	0.000	4	2	1	1
637413	PL.31927	B	Consumer	7.44Y	124.1	0.00	1.94	0.85	0	6	3	89	0.00	0.0	1.559	0.000	6	3	1	1
637405	PL.31927	C	Consumer	7.47Y	124.5	0.00	1.49	1.18	0	8	3	94	0.00	0.0	1.559	0.000	8	3	1	1
637414	PL.31927	A	Consumer	7.41Y	123.5	0.00	2.45	1.67	0	11	5	91	0.00	0.0	1.559	0.000	11	5	1	1
637418	PL.31927	A	Consumer	7.41Y	123.5	0.00	2.45	0.16	0	1	0	100	0.00	0.0	1.559	0.000	1	0	1	1
PL.16958	PL.31927	A	4ACSR	7.41Y	123.5	0.00	2.45	2.82	2	19	8	92	0.00	0.0	1.564	0.006	0	0	0	6
PD.2936	PL.16958	A	fuse8AMP	7.41Y	123.5	0.00	2.45	2.82	39	19	8	92	0.00	0.0	1.564	0.000	0	0	0	6
PL.16959	PD.2936	A	4ACSR	7.41Y	123.5	0.00	2.45	2.82	2	19	8	92	0.00	0.0	1.573	0.009	0	0	0	6
637417	PL.16959	A	Consumer	7.41Y	123.5	0.00	2.45	0.88	0	6	3	89	0.00	0.0	1.573	0.000	6	3	1	1
637409	PL.16959	A	Consumer	7.41Y	123.5	0.00	2.45	0.28	0	2	1	89	0.00	0.0	1.573	0.000	2	1	1	1
PL.7748	PL.16959	A	4ACSR	7.41Y	123.5	0.00	2.46	1.66	1	11	5	91	0.00	0.0	1.618	0.045	0	0	0	4
636417	PL.7748	A	Consumer	7.41Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	1.618	0.000	0	0	1	1
636406	PL.7748	A	Consumer	7.41Y	123.5	0.00	2.46	0.58	0	4	2	89	0.00	0.0	1.618	0.000	4	2	1	1
PL.7749	PL.7748	A	4ACSR	7.41Y	123.5	0.00	2.46	1.08	1	7	3	92	0.00	0.0	1.627	0.009	0	0	0	2
636402	PL.7749	A	Consumer	7.41Y	123.5	0.00	2.46	0.87	0	6	3	89	0.00	0.0	1.627	0.000	6	3	1	1
PL.46521	PL.7749	A	4ACSR	7.41Y	123.5	0.00	2.46	0.21	0	1	1	71	0.00	0.0	1.628	0.001	0	0	0	1
PL.46522	PL.46521	A	4ACSR	7.41Y	123.5	0.00	2.46	0.21	0	1	1	71	0.00	0.0	1.632	0.004	0	0	0	1
636407	PL.46522	A	Consumer	7.41Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	1.632	0.000	0	0	0	0
PL.7578	PL.46522	A	4ACSR	7.41Y	123.5	0.00	2.46	0.21	0	1	1	71	0.00	0.0	1.651	0.019	0	0	0	1
636408	PL.7578	A	Consumer	7.41Y	123.5	0.00	2.46	0.21	0	1	1	71	0.00	0.0	1.651	0.000	1	1	1	1
6364050	PL.46521	A	Consumer	7.41Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	1.628	0.000	0	0	0	0
PL.3428	PL.18296	C	4ACSR	7.48Y	124.6	0.00	1.41	1.32	1	9	4	91	0.00	0.0	1.484	0.013	0	0	0	3

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	% PF	kW Loss	% Loss			KW	KVAR	Cons On	Cons Thru	
637402	PL.3428	C	Consumer	7.48Y	124.6	0.00	1.41	0.45	0	3	1	95	0.00	0.0	1.484	0.000	3	1	1	1
637403	PL.3428	C	Consumer	7.48Y	124.6	0.00	1.41	0.41	0	3	1	95	0.00	0.0	1.484	0.000	3	1	1	1
637303	PL.3428	C	Consumer	7.48Y	124.6	0.00	1.41	0.47	0	3	1	95	0.00	0.0	1.484	0.000	3	1	1	1
637309	PL.18296	A	Consumer	7.42Y	123.7	0.00	2.31	0.05	0	0	0	100	0.00	0.0	1.471	0.000	0	0	1	1
		C		7.48Y	124.6	0.00	1.40	0.05	0	0	0	90			0	0	0	0	1	1
637311	PL.18296	A	Consumer	7.42Y	123.7	0.00	2.31	0.05	0	0	0	100	0.00	0.0	1.471	0.000	0	0	1	1
		C		7.48Y	124.6	0.00	1.40	0.05	0	0	0	92			0	0	0	0	1	1
637304	PL.18296	A	Consumer	7.42Y	123.7	0.00	2.31	0.48	0	3	1	95	0.00	0.0	1.471	0.000	3	1	1	1
		C		7.48Y	124.6	0.00	1.40	0.47	0	3	1	92			3	1	1	1	1	1
637205	PL.18960	A	Consumer	7.44Y	124.0	0.00	1.96	0.52	0	4	2	89	0.00	0.0	1.264	0.000	4	2	1	1
PL.38889	PL.18960	A	4ACSR	7.44Y	124.0	0.00	1.96	12.23	10	84	36	92	0.00	0.0	1.268	0.003	0	0	0	23
PD.6757-A	PL.38889	A	Closed	7.44Y	124.0	0.00	1.96	12.23	0	84	36	92	0.00	0.0	1.268	0.000	0	0	0	23
PD.6757-B	PD.6757-A	A	Closed	7.44Y	124.0	0.00	1.96	12.23	0	84	36	92	0.00	0.0	1.268	0.000	0	0	0	23
PL.38890	PD.6757-B	A	4ACSR	7.44Y	124.0	0.02	1.98	12.23	10	84	36	92	0.02	0.0	1.311	0.043	0	0	0	23
PL.17657	PL.38890	A	4ACSR	7.44Y	124.0	0.00	1.98	11.98	10	82	35	92	0.00	0.0	1.316	0.005	0	0	0	22
PD.3581	PL.17657	A	50V4E	7.44Y	124.0	0.00	1.98	11.98	24	82	35	92	0.00	0.0	1.316	0.000	0	0	0	22
PL.17658	PD.3581	A	4ACSR	7.44Y	124.0	0.02	2.00	11.98	10	82	35	92	0.01	0.0	1.349	0.033	0	0	0	22
PL.26557	PL.17658	A	4ACSR	7.44Y	124.0	0.00	2.01	6.35	5	43	19	91	0.00	0.0	1.362	0.013	0	0	0	13
PL.26558	PL.26557	A	4ACSR	7.44Y	124.0	0.01	2.02	5.06	4	35	15	92	0.00	0.0	1.399	0.038	0	0	0	10
636105	PL.26558	A	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	1.399	0.000	0	0	1	1
636104	PL.26558	A	Consumer	7.44Y	124.0	0.00	2.02	0.75	0	5	2	93	0.00	0.0	1.399	0.000	5	2	1	1
PL.19559	PL.26558	A	4ACSR	7.44Y	124.0	0.01	2.02	4.30	4	29	13	91	0.00	0.0	1.442	0.042	0	0	0	8
PL.19560	PL.19559	A	4ACSR	7.44Y	124.0	0.00	2.03	3.50	3	24	10	92	0.00	0.0	1.464	0.022	0	0	0	7
636213	PL.19560	A	Consumer	7.44Y	124.0	0.00	2.03	0.61	0	4	2	89	0.00	0.0	1.464	0.000	4	2	1	1
636211	PL.19560	A	Consumer	7.44Y	124.0	0.00	2.03	0.42	0	3	1	95	0.00	0.0	1.464	0.000	3	1	1	1
636208	PL.19560	A	Consumer	7.44Y	124.0	0.00	2.03	0.63	0	4	2	89	0.00	0.0	1.464	0.000	4	2	1	1
PL.7831	PL.19560	A	4ACSR	7.44Y	124.0	0.00	2.03	1.83	2	13	5	93	0.00	0.0	1.497	0.033	0	0	0	4
636214	PL.7831	A	Consumer	7.44Y	124.0	0.00	2.03	0.66	0	5	2	93	0.00	0.0	1.497	0.000	5	2	1	1
636217	PL.7831	A	Consumer	7.44Y	124.0	0.00	2.03	0.65	0	4	2	89	0.00	0.0	1.497	0.000	4	2	1	1
6362020	PL.7831	A	Consumer	7.44Y	124.0	0.00	2.03	0.01	0	0	0	100	0.00	0.0	1.497	0.000	0	0	1	1
636207	PL.7831	A	Consumer	7.44Y	124.0	0.00	2.03	0.51	0	4	2	89	0.00	0.0	1.497	0.000	4	2	1	1
636206	PL.19559	A	Consumer	7.44Y	124.0	0.00	2.02	0.80	0	5	2	93	0.00	0.0	1.442	0.000	5	2	1	1
636103	PL.26557	A	Consumer	7.44Y	124.0	0.00	2.01	0.61	0	4	2	89	0.00	0.0	1.362	0.000	4	2	1	1
636102	PL.26557	A	Consumer	7.44Y	124.0	0.00	2.01	0.68	0	5	2	93	0.00	0.0	1.362	0.000	5	2	1	1
636101	PL.26557	A	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	1.362	0.000	0	0	1	1
PL.7829	PL.17658	A	4ACSR	7.44Y	124.0	0.01	2.01	5.63	5	38	17	91	0.00	0.0	1.388	0.040	0	0	0	9
PL.7830	PL.7829	A	4ACSR	7.44Y	124.0	0.01	2.02	3.03	3	21	9	92	0.00	0.0	1.452	0.063	0	0	0	6
636215	PL.7830	A	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	1.452	0.000	0	0	0	0
636209	PL.7830	A	Consumer	7.44Y	124.0	0.00	2.02	0.49	0	3	1	95	0.00	0.0	1.452	0.000	3	1	1	1
636219	PL.7830	A	Consumer	7.44Y	124.0	0.00	2.02	0.59	0	4	2	89	0.00	0.0	1.452	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.7828	PL.7830	A	4ACSR	7.44Y	124.0	0.00	2.02	1.96	2	13	6	91	0.00	0.0	1.468	0.016	0	0	0	4	
PL.26560	PL.7828	A	4ACSR	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	1.471	0.003	0	0	0	0	
PD.2938-A	PL.26560	A	Open	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	1.471	0.000	0	0	0	0	
636203	PL.7828	A	Consumer	7.44Y	124.0	0.00	2.02	0.46	0	3	1	95	0.00	0.0	1.468	0.000	3	1	1	1	
636202	PL.7828	A	Consumer	7.44Y	124.0	0.00	2.02	0.52	0	4	2	89	0.00	0.0	1.468	0.000	4	2	1	1	
636204	PL.7828	A	Consumer	7.44Y	124.0	0.00	2.02	0.43	0	3	1	95	0.00	0.0	1.468	0.000	3	1	1	1	
636205	PL.7828	A	Consumer	7.44Y	124.0	0.00	2.02	0.55	0	4	2	89	0.00	0.0	1.468	0.000	4	2	1	1	
636216	PL.7829	A	Consumer	7.44Y	124.0	0.00	2.01	1.20	0	8	4	89	0.00	0.0	1.388	0.000	8	4	1	1	
636212	PL.7829	A	Consumer	7.44Y	124.0	0.00	2.01	1.01	0	7	3	92	0.00	0.0	1.388	0.000	7	3	1	1	
636210	PL.7829	A	Consumer	7.44Y	124.0	0.00	2.01	0.38	0	3	1	95	0.00	0.0	1.388	0.000	3	1	1	1	
637206	PL.38890	A	Consumer	7.44Y	124.0	0.00	1.98	0.25	0	2	1	89	0.00	0.0	1.311	0.000	2	1	1	1	
PL.27422 C	PL.19856	A B C	6ACWC	7.45Y 7.46Y 7.49Y	124.2 124.4 124.9	0.03 0.05 0.03	1.77 1.60 1.09	33.76 59.24 44.19	29 50 37	227 402 303	109 184 133	90 91 92	0.29 0.0	0.0	1.179	0.020	0 0 0	0 0 0	0 30 26	17 C	
C PD.2901 C C	PL.27422	A B C	fuse6AMP	7.45Y 7.46Y 7.49Y	124.2 124.4 124.9	0.00 0.00 0.00	1.77 1.60 1.09	33.76 59.24 44.19	577 1012 755	227 402 303	109 184 133	90 91 92	0.00 0.0	0.0	1.179	0.000	0 0 0	0 0 0	0 30 26	C C C	
PL.27423	PD.2901	A B C	4/0ACSR	7.45Y 7.46Y 7.49Y	124.2 124.4 124.9	0.00 0.00 0.00	1.77 1.60 1.10	33.76 59.24 44.19	12 21 16	227 402 303	109 184 133	90 91 92	0.02 0.0	0.0	1.185	0.005	0 0 0	0 0 0	0 30 26	17 C	
609001	PL.27423	C	Consumer	7.49Y	124.9	0.00	1.10	0.09	0	1	0	100	0.00	0.0	1.185	0.000	1	0	1	1	
609002	PL.27423	C	Consumer	7.49Y	124.9	0.00	1.10	0.46	0	3	1	95	0.00	0.0	1.185	0.000	3	1	1	1	
PL.27420	PL.27423	C	4ACSR	7.49Y	124.9	0.00	1.10	13.84	12	94	44	91	0.00	0.0	1.190	0.005	0	0	0	5	
C PD.2900	PL.27420	C	fuse6AMP	7.49Y	124.9	0.00	1.10	13.84	236	94	44	91	0.00	0.0	1.190	0.000	0	0	0	5 C	
PL.27421	PD.2900	C	4ACSR	7.49Y	124.9	0.01	1.11	13.84	12	94	44	91	0.01	0.0	1.205	0.015	0	0	0	5	
PL.3878	PL.27421	C	4ACSR	7.49Y	124.8	0.06	1.17	13.84	12	94	44	91	0.04	0.0	1.297	0.092	0	0	0	5	
PL.3432	PL.3878	C	4ACSR	7.49Y	124.8	0.01	1.18	7.47	6	50	24	90	0.00	0.0	1.334	0.037	0	0	0	2	
638107	PL.3432	C	Consumer	7.49Y	124.8	0.00	1.18	3.99	0	27	13	90	0.00	0.0	1.334	0.000	27	13	1	1	
638106	PL.3432	C	Consumer	7.49Y	124.8	0.00	1.18	3.48	0	23	11	90	0.00	0.0	1.334	0.000	23	11	1	1	
638104	PL.3878	C	Consumer	7.49Y	124.8	0.00	1.17	2.29	0	16	7	92	0.00	0.0	1.297	0.000	16	7	1	1	
638102	PL.3878	C	Consumer	7.49Y	124.8	0.00	1.17	3.43	0	23	11	90	0.00	0.0	1.297	0.000	23	11	1	1	
638101	PL.3878	C	Consumer	7.49Y	124.8	0.00	1.17	0.66	0	5	2	93	0.00	0.0	1.297	0.000	5	2	1	1	
PL.18182	PL.27423	A B C	4/0ACSR	7.45Y 7.46Y 7.49Y	124.2 124.4 124.9	0.01 0.01 0.00	1.78 1.62 1.10	25.24 50.71 28.52	9 18 10	171 346 197	80 154 83	91 91 92	0.03 0.0	0.0	1.201	0.016	0 0 0	0 0 0	0 24 19	10	
PD.3566	PL.18182	A B C	VWVE	7.45Y 7.46Y 7.49Y	124.2 124.4 124.9	0.00 0.00 0.00	1.78 1.62 1.10	25.24 50.71 28.52	0 0 0	171 346 197	80 154 83	91 91 92	0.00 0.0	0.0	1.201	0.000	0 0 0	0 0 0	0 24 19	10	
PL.18183	PD.3566	A B C	4/0ACSR	7.45Y 7.46Y 7.49Y	124.2 124.3 124.9	0.02 0.04 0.01	1.79 1.65 1.10	25.24 50.71 28.52	9 18 10	171 346 197	80 154 83	91 91 92	0.09 0.0	0.0	1.249	0.048	0 0 0	0 0 0	0 24 19	10	
PL.282	PL.18183	A B C	1/0ACSR	7.45Y 7.46Y 7.49Y	124.2 124.3 124.9	0.01 0.02 0.02	1.80 1.67 1.12	9.17 15.00 17.87	5 7 9	65 105 125	20 38 48	96 94 93	0.03 0.0	0.0	1.301	0.052	0 0 0	0 0 0	0 9 13	2	

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.27416	PL.282	A	1/0ACSR	7.45Y	124.2	0.01	1.80	9.17	5	65	20	96	0.03	0.0	1.373	0.071	0	0	0	2
		B		7.46Y	124.3	0.01	1.68	8.08	4	58	17	96					0	0	0	1
		C		7.49Y	124.9	0.03	1.15	17.18	9	120	46	93					0	0	0	12
PD.2341-A	PL.27416	A	Closed	7.45Y	124.2	0.00	1.80	9.17	0	65	20	96	0.00	0.0	1.373	0.000	0	0	0	2
		B		7.46Y	124.3	0.00	1.68	8.08	0	58	17	96					0	0	0	1
		C		7.49Y	124.9	0.00	1.15	17.18	0	120	46	93					0	0	0	12
PD.2341-B	PD.2341-A	A	Closed	7.45Y	124.2	0.00	1.80	9.17	0	65	20	96	0.00	0.0	1.373	0.000	0	0	0	2
		B		7.46Y	124.3	0.00	1.68	8.08	0	58	17	96					0	0	0	1
		C		7.49Y	124.9	0.00	1.15	17.18	0	120	46	93					0	0	0	12
PL.27417	PD.2341-B	A	1/0ACSR	7.45Y	124.2	0.00	1.81	9.17	5	65	20	96	0.00	0.0	1.378	0.005	0	0	0	2
		B		7.46Y	124.3	0.00	1.68	8.08	4	58	17	96					0	0	0	1
		C		7.49Y	124.8	0.00	1.15	17.18	9	120	46	93					0	0	0	12
PL.13481	PL.27417	A	1/0ACSR	7.45Y	124.2	0.01	1.82	9.17	5	65	20	96	0.02	0.0	1.475	0.097	0	0	0	2
		B		7.46Y	124.3	0.01	1.70	8.08	4	58	17	96					0	0	0	1
		C		7.49Y	124.8	0.02	1.17	11.39	6	81	27	95					0	0	0	7
PL.16954	PL.13481	C	4ACSR	7.49Y	124.8	0.00	1.17	3.36	3	23	10	92	0.00	0.0	1.481	0.006	0	0	0	6
PD.2191	PL.16954	C	fuse6AMP	7.49Y	124.8	0.00	1.17	3.36	57	23	10	92	0.00	0.0	1.481	0.000	0	0	0	6
PL.16955	PD.2191	C	4ACSR	7.49Y	124.8	0.01	1.18	3.36	3	23	10	92	0.00	0.0	1.542	0.061	0	0	0	6
609911	PL.16955	C	Consumer	7.49Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	1.542	0.000	0	0	0	0
608902	PL.16955	C	Consumer	7.49Y	124.8	0.00	1.18	0.40	0	3	1	95	0.00	0.0	1.542	0.000	3	1	1	1
608910	PL.16955	C	Consumer	7.49Y	124.8	0.00	1.18	0.60	0	4	2	89	0.00	0.0	1.542	0.000	4	2	1	1
608908	PL.16955	C	Consumer	7.49Y	124.8	0.00	1.18	0.97	0	7	3	92	0.00	0.0	1.542	0.000	7	3	1	1
609908	PL.16955	C	Consumer	7.49Y	124.8	0.00	1.18	0.30	0	2	1	89	0.00	0.0	1.542	0.000	2	1	1	1
608903	PL.16955	C	Consumer	7.49Y	124.8	0.00	1.18	0.57	0	4	2	89	0.00	0.0	1.542	0.000	4	2	1	1
609902	PL.16955	C	Consumer	7.49Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	1.542	0.000	0	0	0	0
609907	PL.16955	C	Consumer	7.49Y	124.8	0.00	1.18	0.52	0	4	2	89	0.00	0.0	1.542	0.000	4	2	1	1
PL.20816	PL.13481	A	1/0ACSR	7.45Y	124.2	0.00	1.82	7.98	4	57	17	96	0.00	0.0	1.485	0.009	0	0	0	1
		B		7.46Y	124.3	0.00	1.70	7.97	4	57	17	96					0	0	0	1
		C		7.49Y	124.8	0.00	1.18	7.94	4	57	17	96					0	0	0	1
PL.20604	PL.20816	A	1/0ACSR	7.45Y	124.2	0.00	1.82	2.32	1	16	8	89	0.00	0.0	1.506	0.022	0	0	0	0
		B		7.46Y	124.3	0.00	1.70	2.32	1	16	8	90					0	0	0	0
		C		7.49Y	124.8	0.00	1.18	2.31	1	16	8	90					0	0	0	0
609906	PL.20604	A	Consumer	7.45Y	124.2	0.00	1.82	2.32	0	16	8	89	0.00	0.0	1.506	0.000	16	8	0	0
		B		7.46Y	124.3	0.00	1.70	2.32	0	16	8	90					16	8	0	0
		C		7.49Y	124.8	0.00	1.18	2.31	0	16	8	90					16	8	0	0
PL.20815	PL.20604	A	1/0ACSR	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	1.514	0.007	0	0	0	0
		B		7.46Y	124.3	0.00	1.70	0.00	0	0	0	100					0	0	0	0
		C		7.49Y	124.8	0.00	1.18	0.00	0	0	0	100					0	0	0	0
PL.285	PL.20815	A	1/0ACSR	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	1.535	0.022	0	0	0	0
		B		7.46Y	124.3	0.00	1.70	0.00	0	0	0	100					0	0	0	0
		C		7.49Y	124.8	0.00	1.18	0.00	0	0	0	100					0	0	0	0
PL.33232	PL.285	A	1/0ACSR	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	1.539	0.004	0	0	0	0
		B		7.46Y	124.3	0.00	1.70	0.00	0	0	0	100					0	0	0	0
		C		7.49Y	124.8	0.00	1.18	0.00	0	0	0	100					0	0	0	0
PD.4356-A	PL.33232	A	Open	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	1.539	0.000	0	0	0	0
		B		7.46Y	124.3	0.00	1.70	0.00	0	0	0	100					0	0	0	0
		C		7.49Y	124.8	0.00	1.18	0.00	0	0	0	100					0	0	0	0
610901	PL.285	A	Consumer	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	1.535	0.000	0	0	0	0
609904	PL.20816	A	Consumer	7.45Y	124.2	0.00	1.82	5.70	0	41	9	98	0.00	0.0	1.485	0.000	41	9	0	0
		B		7.46Y	124.3	0.00	1.70	5.70	0	41	9	98					41	9	0	0
		C		7.49Y	124.8	0.00	1.18	5.67	0	41	9	98					41	9	0	0

Unbalanced Voltage Drop Report
Source: STANTON

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.3748, 609901, 609903, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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.38938, C PD.6778, PL.38939, PL.7280, 639110, PL.13482, 639108, 639109, PL.13483, PL.3427, 638105, 639107, PL.36681, 6382014, 6382015, PL.36682, PL.28986, 638209, 638208, 639208, 638202, PL.30995, PL.30996, 639211, 638205, 639209.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
638207	PL.36682	C	Consumer	7.49Y	124.9	0.00	1.12	1.80	0	12	6	89	0.00	0.0	1.423	0.000	12	6	1	1
638206	PL.36682	C	Consumer	7.49Y	124.9	0.00	1.12	2.41	0	16	8	89	0.00	0.0	1.423	0.000	16	8	1	1
639210	PL.36682	C	Consumer	7.49Y	124.9	0.00	1.12	0.35	0	2	1	89	0.00	0.0	1.423	0.000	2	1	1	1
PL.38936	PL.18183	A	4/0ACSR	7.45Y	124.2	0.00	1.79	1.82	1	12	6	89	0.00	0.0	1.253	0.005	0	0	0	0
		B		7.46Y	124.3	0.00	1.65	7.29	3	49	24	90					0	0	0	5
		C		7.49Y	124.9	-0.00	1.10	1.81	1	12	6	90					0	0	0	0
PD.6777	PL.38936	A	fuse10AMP	7.45Y	124.2	0.00	1.79	1.82	19	12	6	89	0.00	0.0	1.253	0.000	0	0	0	0
		B		7.46Y	124.3	0.00	1.65	7.29	76	49	24	90					0	0	0	5
		C		7.49Y	124.9	0.00	1.10	1.81	19	12	6	90					0	0	0	0
PL.38937	PD.6777	A	4/0ACSR	7.45Y	124.2	0.00	1.79	1.82	1	12	6	89	0.00	0.0	1.279	0.026	0	0	0	0
		B		7.46Y	124.3	0.00	1.66	7.29	3	49	24	90					0	0	0	5
		C		7.49Y	124.9	-0.00	1.10	1.81	1	12	6	90					0	0	0	0
PL.21353	PL.38937	A	4/0ACSR	7.45Y	124.2	0.00	1.79	1.82	1	12	6	89	0.00	0.0	1.290	0.011	0	0	0	0
		B		7.46Y	124.3	0.00	1.66	7.29	3	49	24	90					0	0	0	5
		C		7.49Y	124.9	-0.00	1.10	1.81	1	12	6	90					0	0	0	0
PL.7396	PL.21353	A	4/0ACSR	7.45Y	124.2	0.00	1.79	1.82	1	12	6	89	0.00	0.0	1.294	0.004	0	0	0	0
		B		7.46Y	124.3	0.00	1.66	2.33	1	16	7	90					0	0	0	1
		C		7.49Y	124.9	0.00	1.10	1.81	1	12	6	90					0	0	0	0
609003	PL.7396	A	Consumer	7.45Y	124.2	0.00	1.79	1.82	0	12	6	89	0.00	0.0	1.294	0.000	12	6	0	0
		B		7.46Y	124.3	0.00	1.66	1.82	0	12	6	90					12	6	0	0
		C		7.49Y	124.9	0.00	1.10	1.81	0	12	6	90					12	6	0	0
609014	PL.7396	B	Consumer	7.46Y	124.3	0.00	1.66	0.51	0	3	2	83	0.00	0.0	1.294	0.000	3	2	1	1
609010	PL.21353	B	Consumer	7.46Y	124.3	0.00	1.66	0.16	0	1	1	71	0.00	0.0	1.290	0.000	1	1	1	1
6090016	PL.21353	B	Consumer	7.46Y	124.3	0.00	1.66	3.25	0	22	11	89	0.00	0.0	1.290	0.000	22	11	1	1
609011	PL.21353	B	Consumer	7.46Y	124.3	0.00	1.66	0.39	0	3	1	95	0.00	0.0	1.290	0.000	3	1	1	1
609012	PL.21353	B	Consumer	7.46Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	1.290	0.000	0	0	0	0
609013	PL.21353	B	Consumer	7.46Y	124.3	0.00	1.66	1.16	0	8	4	89	0.00	0.0	1.290	0.000	8	4	1	1
PL.3743	PL.27423	A	6ACWC	7.45Y	124.2	0.01	1.79	8.53	7	56	30	88	0.01	0.0	1.215	0.030	0	0	0	8
		B		7.46Y	124.4	0.01	1.61	8.56	7	56	30	88					0	0	0	6
		C		7.49Y	124.9	-0.00	1.09	1.29	1	9	4	90					0	0	0	1
PL.13475	PL.3743	A	6ACWC	7.45Y	124.2	0.01	1.80	8.53	7	56	30	88	0.01	0.0	1.242	0.027	0	0	0	8
		B		7.46Y	124.4	0.01	1.62	8.56	7	56	30	88					0	0	0	6
		C		7.49Y	124.9	-0.00	1.09	1.29	1	9	4	90					0	0	0	1
PL.13476	PL.13475	A	6ACWC	7.45Y	124.2	0.01	1.81	7.32	6	48	26	88	0.01	0.0	1.275	0.033	0	0	0	6
		B		7.46Y	124.4	0.01	1.63	8.27	7	54	30	88					0	0	0	4
		C		7.49Y	124.9	-0.00	1.09	1.29	1	9	4	90					0	0	0	1
PL.13477	PL.13476	A	4/0ACSR	7.45Y	124.2	0.00	1.81	7.32	3	48	26	88	0.00	0.0	1.278	0.003	0	0	0	6
		B		7.46Y	124.4	0.00	1.63	8.27	3	54	30	88					0	0	0	4
		C		7.49Y	124.9	-0.00	1.09	1.29	0	9	4	90					0	0	0	1
PL.13478	PL.13477	A	6ACWC	7.45Y	124.2	0.01	1.82	6.27	5	41	23	87	0.01	0.0	1.322	0.044	0	0	0	4
		B		7.46Y	124.4	0.01	1.65	8.27	7	54	30	88					0	0	0	4
		C		7.49Y	124.9	-0.00	1.09	1.29	1	9	4	90					0	0	0	1
608901	PL.13478	B	Consumer	7.46Y	124.4	0.00	1.65	0.81	0	6	2	95	0.00	0.0	1.322	0.000	6	2	1	1
PL.7482	PL.13478	A	6ACWC	7.45Y	124.2	0.02	1.84	6.27	5	41	23	87	0.01	0.0	1.375	0.053	0	0	0	4
		B		7.46Y	124.3	0.02	1.66	7.46	6	49	27	87					0	0	0	3
		C		7.49Y	124.9	-0.00	1.09	1.29	1	9	4	90					0	0	0	1
PL.7411	PL.7482	A	4ACSR	7.45Y	124.2	0.00	1.84	6.27	5	41	23	87	0.00	0.0	1.390	0.015	0	0	0	4
		B		7.46Y	124.3	0.00	1.67	5.21	4	33	20	86					0	0	0	2
PL.7412	PL.7411	A	4ACSR	7.45Y	124.1	0.02	1.86	6.27	5	41	23	87	0.01	0.0	1.443	0.054	0	0	0	4
		B		7.46Y	124.3	0.01	1.68	5.21	4	33	20	86					0	0	0	2
608909	PL.7412	A	Consumer	7.45Y	124.1	0.00	1.86	0.37	0	3	1	95	0.00	0.0	1.443	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: STANTON

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 608805 through 605419 and C PL.29130.

Unbalanced Voltage Drop Report
Source: STANTON

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					KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KW							KVAR	KW		
C PL.32910	PL.29130	A	397ACSR	7.56Y	126.0	0.00	0.01	282.78	58	2021	696	95	0.08	0.0	0.004	0.002	0	0	0	383	C
C		B		7.56Y	126.0	0.00	0.01	262.83	54	1866	683	94					0	0	0	376	C
C		C		7.56Y	126.0	0.00	0.01	261.54	53	1884	599	95					0	0	0	359	C
----- Feeder No. 4 (STANTON4) Beginning with Device PD.3916 -----																					
PD.3916	PL.32910	A	VWVE	7.56Y	126.0	0.00	0.01	282.78	0	2021	696	95	0.00	0.0	0.004	0.000	0	0	0	383	C
		B		7.56Y	126.0	0.00	0.01	262.83	0	1866	683	94					0	0	0	376	C
		C		7.56Y	126.0	0.00	0.01	261.54	0	1884	599	95					0	0	0	359	C
C PL.32911	PD.3916	A	397ACSR	7.55Y	125.9	0.12	0.13	282.78	58	2021	696	95	2.87	0.0	0.061	0.057	0	0	0	383	C
C		B		7.55Y	125.9	0.10	0.11	262.83	54	1866	683	94					0	0	0	376	C
C		C		7.55Y	125.9	0.10	0.11	261.54	53	1884	599	95					0	0	0	359	C
PD.2339-A	PL.32911	A	Closed	7.55Y	125.9	0.00	0.13	282.78	0	2020	693	95	0.00	0.0	0.061	0.000	0	0	0	383	C
		B		7.55Y	125.9	0.00	0.11	262.83	0	1865	680	94					0	0	0	376	C
		C		7.55Y	125.9	0.00	0.11	261.54	0	1883	597	95					0	0	0	359	C
PD.2339-B	PD.2339-A	A	Closed	7.55Y	125.9	0.00	0.13	282.78	0	2020	693	95	0.00	0.0	0.061	0.000	0	0	0	383	C
		B		7.55Y	125.9	0.00	0.11	262.83	0	1865	680	94					0	0	0	376	C
		C		7.55Y	125.9	0.00	0.11	261.54	0	1883	597	95					0	0	0	359	C
C PL.17357	PD.2339-B	A	397ACSR	7.55Y	125.9	0.01	0.14	282.78	58	2020	693	95	0.29	0.0	0.067	0.006	0	0	0	383	C
C		B		7.55Y	125.9	0.01	0.12	262.83	54	1865	680	94					0	0	0	376	C
C		C		7.55Y	125.9	0.01	0.12	261.54	53	1883	597	95					0	0	0	359	C
C PL.7453	PL.17357	A	397ACSR	7.54Y	125.7	0.12	0.26	257.89	53	1854	595	95	2.73	0.1	0.133	0.066	0	0	0	380	C
		B		7.55Y	125.8	0.11	0.23	237.98	48	1700	583	95					0	0	0	372	C
		C		7.55Y	125.8	0.11	0.23	236.98	48	1719	500	96					0	0	0	357	C
605105	PL.7453	C	Consumer	7.55Y	125.8	0.00	0.23	0.02	0	0	0	100	0.00	0.0	0.133	0.000	0	0	1	1	
605104	PL.7453	A	Consumer	7.54Y	125.7	0.00	0.26	0.35	0	2	1	89	0.00	0.0	0.133	0.000	2	1	1	1	
C PL.13843	PL.7453	A	397ACSR	7.54Y	125.7	0.02	0.28	257.54	52	1851	591	95	0.40	0.0	0.143	0.010	0	0	0	379	C
		B		7.55Y	125.8	0.02	0.24	237.98	48	1699	580	95					0	0	0	372	C
		C		7.55Y	125.8	0.02	0.24	236.96	48	1718	497	96					0	0	0	356	C
PL.29516	PL.13843	C	4ACSR	7.55Y	125.8	0.00	0.24	1.02	1	7	3	92	0.00	0.0	0.148	0.005	0	0	0	4	
PD.2104	PL.29516	C	fuse6AMP	7.55Y	125.8	0.00	0.24	1.02	17	7	3	92	0.00	0.0	0.148	0.000	0	0	0	4	
PL.29517	PD.2104	C	4ACSR	7.55Y	125.8	0.00	0.24	1.02	1	7	3	92	0.00	0.0	0.177	0.029	0	0	0	4	
PL.29365	PL.29517	C	4ACSR	7.55Y	125.8	0.00	0.24	0.94	1	7	3	92	0.00	0.0	0.189	0.013	0	0	0	3	
604104	PL.29365	C	Consumer	7.55Y	125.8	0.00	0.24	0.29	0	2	1	89	0.00	0.0	0.189	0.000	2	1	1	1	
605106	PL.29365	C	Consumer	7.55Y	125.8	0.00	0.24	0.01	0	0	0	100	0.00	0.0	0.189	0.000	0	0	1	1	
PL.29363	PL.29365	C	4ACSR	7.55Y	125.8	0.00	0.25	0.65	1	4	2	89	0.00	0.0	0.253	0.064	0	0	0	1	
605206	PL.29363	C	Consumer	7.55Y	125.8	0.00	0.25	0.65	0	4	2	89	0.00	0.0	0.253	0.000	4	2	1	1	
6051011	PL.29517	C	Consumer	7.55Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	0.177	0.000	0	0	0	0	
605110	PL.29517	C	Consumer	7.55Y	125.8	0.00	0.24	0.07	0	1	0	100	0.00	0.0	0.177	0.000	1	0	1	1	
C PL.13844	PL.13843	A	397ACSR	7.53Y	125.6	0.15	0.43	257.54	52	1851	591	95	3.42	0.1	0.225	0.083	0	0	0	379	C
		B		7.54Y	125.6	0.13	0.38	237.98	48	1699	580	95					0	0	0	372	C
		C		7.54Y	125.6	0.13	0.37	235.95	48	1710	494	96					0	0	0	352	C
C PL.13845	PL.13844	A	397ACSR	7.53Y	125.5	0.05	0.48	257.54	52	1849	587	95	1.11	0.0	0.252	0.027	0	0	0	379	C
		B		7.53Y	125.6	0.04	0.42	237.98	48	1698	577	95					0	0	0	371	C
		C		7.54Y	125.6	0.04	0.41	235.95	48	1709	491	96					0	0	0	352	C
604105	PL.13845	B	Consumer	7.53Y	125.6	0.00	0.42	0.41	0	3	1	95	0.00	0.0	0.252	0.000	3	1	1	1	
604106	PL.13845	B	Consumer	7.53Y	125.6	0.00	0.42	0.39	0	3	1	95	0.00	0.0	0.252	0.000	3	1	1	1	
C PL.13846	PL.13845	A	397ACSR	7.53Y	125.5	0.04	0.52	257.54	52	1849	586	95	0.91	0.0	0.274	0.022	0	0	0	379	C
		B		7.53Y	125.5	0.03	0.45	237.18	48	1692	574	95					0	0	0	369	C
		C		7.53Y	125.6	0.03	0.45	235.95	48	1709	490	96					0	0	0	352	C
PL.17181	PL.13846	B	4ACSR	7.53Y	125.5	0.01	0.46	23.45	20	162	72	91	0.01	0.0	0.280	0.005	0	0	0	47	

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: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
C PD.2101	PL.17181	B	fuse6AMP	7.53Y	125.5	0.00	0.46	23.45	401	162	72	91	0.00	0.0	0.280	0.000	0	0	0	47 C
PL.17182	PD.2101	B	4ACSR	7.53Y	125.5	0.03	0.49	23.45	20	162	72	91	0.03	0.0	0.303	0.024	0	0	0	47
PL.38750	PL.17182	B	4ACSR	7.53Y	125.5	0.00	0.49	22.24	19	153	68	91	0.00	0.0	0.305	0.001	0	0	0	43
PL.38751	PL.38750	B	4ACSR	7.53Y	125.5	0.05	0.54	22.24	19	153	68	91	0.06	0.0	0.352	0.048	0	0	0	43
PL.13390	PL.38751	B	4ACSR	7.53Y	125.4	0.02	0.55	22.24	19	153	68	91	0.02	0.0	0.369	0.016	0	0	0	43
603110	PL.13390	B	Consumer	7.53Y	125.4	0.00	0.55	0.00	0	0	0	100	0.00	0.0	0.369	0.000	0	0	0	0
603108	PL.13390	B	Consumer	7.53Y	125.4	0.00	0.55	0.79	0	5	2	93	0.00	0.0	0.369	0.000	5	2	1	1
072816	PL.13390	B	Consumer	7.53Y	125.4	0.00	0.55	0.35	0	2	1	89	0.00	0.0	0.369	0.000	2	1	1	1
603109	PL.13390	B	Consumer	7.53Y	125.4	0.00	0.55	0.00	0	0	0	100	0.00	0.0	0.369	0.000	0	0	0	0
603107	PL.13390	B	Consumer	7.53Y	125.4	0.00	0.55	0.51	0	3	2	83	0.00	0.0	0.369	0.000	3	2	1	1
072817	PL.13390	B	Consumer	7.53Y	125.4	0.00	0.55	0.26	0	2	1	89	0.00	0.0	0.369	0.000	2	1	1	1
603111	PL.13390	B	Consumer	7.53Y	125.4	0.00	0.55	0.00	0	0	0	100	0.00	0.0	0.369	0.000	0	0	0	0
603106	PL.13390	B	Consumer	7.53Y	125.4	0.00	0.55	0.82	0	6	2	95	0.00	0.0	0.369	0.000	6	2	1	1
072823	PL.13390	B	Consumer	7.53Y	125.4	0.00	0.55	0.26	0	2	1	89	0.00	0.0	0.369	0.000	2	1	1	1
PL.30933	PL.13390	B	4ACSR	7.52Y	125.4	0.03	0.58	19.26	16	132	59	91	0.03	0.0	0.403	0.034	0	0	0	37
PL.30934	PL.30933	B	4ACSR	7.52Y	125.4	0.03	0.61	11.61	10	80	35	92	0.02	0.0	0.450	0.048	0	0	0	30
PL.40758	PL.30934	B	4ACSR	7.52Y	125.4	0.01	0.61	4.70	4	32	14	92	0.00	0.0	0.477	0.027	0	0	0	16
072840	PL.40758	B	Consumer	7.52Y	125.4	0.00	0.61	0.46	0	3	1	95	0.00	0.0	0.477	0.000	3	1	1	1
072819	PL.40758	B	Consumer	7.52Y	125.4	0.00	0.61	0.23	0	2	1	89	0.00	0.0	0.477	0.000	2	1	1	1
072822	PL.40758	B	Consumer	7.52Y	125.4	0.00	0.61	0.31	0	2	1	89	0.00	0.0	0.477	0.000	2	1	1	1
072839	PL.40758	B	Consumer	7.52Y	125.4	0.00	0.61	0.17	0	1	1	71	0.00	0.0	0.477	0.000	1	1	1	1
072842	PL.40758	B	Consumer	7.52Y	125.4	0.00	0.61	0.16	0	1	0	100	0.00	0.0	0.477	0.000	1	0	1	1
072820	PL.40758	B	Consumer	7.52Y	125.4	0.00	0.61	0.17	0	1	0	100	0.00	0.0	0.477	0.000	1	0	1	1
072841	PL.40758	B	Consumer	7.52Y	125.4	0.00	0.61	0.21	0	1	1	71	0.00	0.0	0.477	0.000	1	1	1	1
072818	PL.40758	B	Consumer	7.52Y	125.4	0.00	0.61	0.17	0	1	0	100	0.00	0.0	0.477	0.000	1	0	1	1
072821	PL.40758	B	Consumer	7.52Y	125.4	0.00	0.61	0.37	0	3	1	95	0.00	0.0	0.477	0.000	3	1	1	1
PL.40759	PL.40758	B	4ACSR	7.52Y	125.4	0.00	0.62	2.45	2	17	7	92	0.00	0.0	0.499	0.022	0	0	0	7
072838	PL.40759	B	Consumer	7.52Y	125.4	0.00	0.62	0.45	0	3	1	95	0.00	0.0	0.499	0.000	3	1	1	1
072837	PL.40759	B	Consumer	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	0.499	0.000	0	0	0	0
072834	PL.40759	B	Consumer	7.52Y	125.4	0.00	0.62	0.24	0	2	1	89	0.00	0.0	0.499	0.000	2	1	1	1
072836	PL.40759	B	Consumer	7.52Y	125.4	0.00	0.62	0.39	0	3	1	95	0.00	0.0	0.499	0.000	3	1	1	1
072835	PL.40759	B	Consumer	7.52Y	125.4	0.00	0.62	0.40	0	3	1	95	0.00	0.0	0.499	0.000	3	1	1	1
072832	PL.40759	B	Consumer	7.52Y	125.4	0.00	0.62	0.46	0	3	1	95	0.00	0.0	0.499	0.000	3	1	1	1
072833	PL.40759	B	Consumer	7.52Y	125.4	0.00	0.62	0.30	0	2	1	89	0.00	0.0	0.499	0.000	2	1	1	1
072831	PL.40759	B	Consumer	7.52Y	125.4	0.00	0.62	0.22	0	2	1	89	0.00	0.0	0.499	0.000	2	1	1	1
PL.13392	PL.30934	B	4ACSR	7.52Y	125.4	0.00	0.61	3.54	3	24	11	91	0.00	0.0	0.465	0.015	0	0	0	8
PL.13393	PL.13392	B	4ACSR	7.52Y	125.4	0.01	0.62	2.97	2	21	9	92	0.00	0.0	0.512	0.046	0	0	0	5
PL.25203	PL.13393	B	4ACSR	7.52Y	125.4	0.00	0.62	2.97	2	21	9	92	0.00	0.0	0.515	0.003	0	0	0	4

Unbalanced Voltage Drop Report
Source: STANTON

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 072802, 072801, etc., and summary rows for C PL.38748 and C PL.38749.

Unbalanced Voltage Drop Report
Source: STANTON

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.7460, 603103, 603102, C PL.7458, C PL.20191, P CP.17, C PL.20192, PD.2343-A, PD.2343-B, C PL.17176, PL.7487, 600201, 600204, PL.7488, 600203, P PL.45649, 6002009, 600301, 601204, 601202, 601201, C PL.26443, C PL.26444, C PL.284, 601401, 601402, 601407.

Unbalanced Voltage Drop Report
Source: STANTON

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 601409, 601410, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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.7483, PL.19132, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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.19938, 601804, 602804, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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.3731, PL.13885, PL.33041, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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 PD.2334-B, PL.16952, 600908, etc.

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

Unbalanced Voltage Drop Report
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Detail

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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.17514	PL.17513	C	4ACSR	7.41Y	123.6	0.00	2.42	0.32	0	2	1	89	0.00	0.0	2.748	0.100	0	0	0	1
PL.25222	PL.17514	C	4ACSR	7.41Y	123.6	0.00	2.42	0.00	0	0	0	100	0.00	0.0	2.749	0.001	0	0	0	0
071916	PL.17514	C	Consumer	7.41Y	123.6	0.00	2.42	0.32	0	2	1	89	0.00	0.0	2.748	0.000	2	1	1	1
071959	PL.17511	C	Consumer	7.41Y	123.6	0.00	2.42	0.15	0	1	0	100	0.00	0.0	2.642	0.000	1	0	1	1
071913	PL.37787	C	Consumer	7.41Y	123.6	0.00	2.42	1.18	0	8	3	94	0.00	0.0	2.616	0.000	8	3	1	1
PL.37785	PL.37784	A	336ACSR	7.34Y	122.4	-0.00	3.63	14.32	3	96	42	92	0.00	0.0	2.590	0.004	0	0	0	38
		B		7.40Y	123.4	0.00	2.62	0.75	0	5	2	92					0	0	0	4
		C		7.41Y	123.6	0.00	2.42	46.86	11	319	139	92					0	0	0	102
PL.37780	PL.37785	A	336ACSR	7.34Y	122.4	-0.01	3.63	14.27	3	96	42	92	0.04	0.0	2.634	0.044	0	0	0	36
		B		7.40Y	123.4	0.00	2.62	0.75	0	5	2	92					0	0	0	4
		C		7.41Y	123.5	0.03	2.45	46.86	11	319	139	92					0	0	0	102
PL.37878	PL.37780	A	336ACSR	7.34Y	122.4	-0.01	3.62	14.27	3	96	42	92	0.03	0.0	2.673	0.039	0	0	0	36
		B		7.40Y	123.4	0.00	2.62	0.75	0	5	2	92					0	0	0	4
		C		7.41Y	123.5	0.02	2.48	46.86	11	319	139	92					0	0	0	102
PL.41071	PL.37878	A	2ACSR	7.34Y	122.4	0.00	3.62	0.86	1	6	3	89	0.00	0.0	2.686	0.013	0	0	0	6
PD.7350	PL.41071	A	fuse6AMP	7.34Y	122.4	0.00	3.62	0.86	15	6	3	89	0.00	0.0	2.686	0.000	0	0	0	6
PL.41072	PD.7350	A	2ACSR	7.34Y	122.4	0.00	3.63	0.86	1	6	3	89	0.00	0.0	2.755	0.070	0	0	0	6
071942	PL.41072	A	Consumer	7.34Y	122.4	0.00	3.63	0.04	0	0	0	100	0.00	0.0	2.755	0.000	0	0	1	1
071939	PL.41072	A	Consumer	7.34Y	122.4	0.00	3.63	0.06	0	0	0	100	0.00	0.0	2.755	0.000	0	0	1	1
PL.23582	PL.41072	A	4ACSR	7.34Y	122.4	0.00	3.63	0.76	1	5	2	93	0.00	0.0	2.794	0.039	0	0	0	4
PL.23581	PL.23582	A	4ACSR	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.868	0.073	0	0	0	2
071956	PL.23581	A	Consumer	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.868	0.000	0	0	1	1
071958	PL.23581	A	Consumer	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.868	0.000	0	0	1	1
071931	PL.23582	A	Consumer	7.34Y	122.4	0.00	3.63	0.53	0	4	2	89	0.00	0.0	2.794	0.000	4	2	1	1
071912	PL.23582	A	Consumer	7.34Y	122.4	0.00	3.63	0.23	0	2	1	89	0.00	0.0	2.794	0.000	2	1	1	1
PL.25219	PL.23582	A	4ACSR	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.834	0.040	0	0	0	0
PL.25218	PL.25219	A	4ACSR	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.864	0.030	0	0	0	0
071910	PL.25218	A	Consumer	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.864	0.000	0	0	0	0
PL.37879	PL.37878	A	336ACSR	7.34Y	122.4	-0.01	3.62	13.42	3	90	39	92	0.03	0.0	2.710	0.037	0	0	0	30
		B		7.40Y	123.4	0.00	2.62	0.75	0	5	2	92					0	0	0	4
		C		7.41Y	123.5	0.02	2.50	46.86	11	318	139	92					0	0	0	102
PL.37789	PL.37879	C	2ACSR	7.41Y	123.5	0.00	2.50	11.94	8	81	35	92	0.00	0.0	2.720	0.010	0	0	0	31
PL.37791	PL.37789	C	2ACSR	7.41Y	123.5	0.00	2.51	10.51	7	71	31	92	0.00	0.0	2.730	0.010	0	0	0	28
PD.6235	PL.37791	C	50E	7.41Y	123.5	0.00	2.51	10.51	21	71	31	92	0.00	0.0	2.730	0.000	0	0	0	28
PL.37792	PD.6235	C	2ACSR	7.40Y	123.4	0.10	2.61	10.51	7	71	31	92	0.05	0.1	3.009	0.279	0	0	0	28
PL.38127	PL.37792	C	4ACSR	7.40Y	123.4	0.00	2.61	0.00	0	0	0	100	0.00	0.0	3.025	0.016	0	0	0	0
PL.38128	PL.37792	C	4ACSR	7.40Y	123.4	0.01	2.62	10.51	9	71	31	92	0.01	0.0	3.031	0.022	0	0	0	28
PL.17530	PL.38128	C	4ACSR	7.40Y	123.4	0.00	2.62	9.92	8	67	29	92	0.00	0.0	3.037	0.006	0	0	0	27
C PD.3218	PL.17530	C	fuse6AMP	7.40Y	123.4	0.00	2.62	9.92	169	67	29	92	0.00	0.0	3.037	0.000	0	0	0	27 C
PL.17531	PD.3218	C	4ACSR	7.40Y	123.4	0.01	2.63	9.92	8	67	29	92	0.01	0.0	3.063	0.027	0	0	0	27
PL.13990	PL.17531	C	4ACSR	7.40Y	123.4	0.01	2.64	9.13	8	62	27	92	0.01	0.0	3.095	0.031	0	0	0	25
070906	PL.13990	C	Consumer	7.40Y	123.4	0.00	2.64	0.42	0	3	1	95	0.00	0.0	3.095	0.000	3	1	1	1

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

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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.13991	PL.13990	C	4ACSR	7.40Y	123.3	0.02	2.66	8.71	7	59	26	92	0.01	0.0	3.134	0.040	0	0	0	24
PL.13992	PL.13991	C	4ACSR	7.40Y	123.3	0.02	2.68	8.51	7	58	25	92	0.01	0.0	3.174	0.040	0	0	0	23
070937	PL.13992	C	Consumer	7.40Y	123.3	0.00	2.68	0.30	0	2	1	89	0.00	0.0	3.174	0.000	2	1	1	1
PL.35092	PL.13992	C	4ACSR	7.40Y	123.3	0.00	2.68	0.42	0	3	1	95	0.00	0.0	3.184	0.010	0	0	0	1
PD.5197	PL.35092	C	fuse6AMP	7.40Y	123.3	0.00	2.68	0.42	7	3	1	95	0.00	0.0	3.184	0.000	0	0	0	1
PL.35093	PD.5197	C	4ACSR	7.40Y	123.3	0.00	2.68	0.42	0	3	1	95	0.00	0.0	3.235	0.051	0	0	0	1
070919	PL.35093	C	Consumer	7.40Y	123.3	0.00	2.68	0.42	0	3	1	95	0.00	0.0	3.235	0.000	3	1	1	1
PL.43785	PL.13992	C	4ACSR	7.40Y	123.3	0.02	2.69	7.26	6	49	21	92	0.01	0.0	3.220	0.045	0	0	0	19
PL.43786	PL.43785	C	4ACSR	7.40Y	123.3	0.01	2.70	6.94	6	47	20	92	0.00	0.0	3.247	0.027	0	0	0	18
PL.35098	PL.43786	C	4ACSR	7.40Y	123.3	0.01	2.71	4.57	4	31	13	92	0.00	0.0	3.309	0.062	0	0	0	12
PL.35099	PL.35098	C	4ACSR	7.40Y	123.3	0.00	2.72	4.57	4	31	13	92	0.00	0.0	3.321	0.012	0	0	0	12
070922	PL.35099	C	Consumer	7.40Y	123.3	0.00	2.72	0.63	0	4	2	89	0.00	0.0	3.321	0.000	4	2	1	1
070904	PL.35099	C	Consumer	7.40Y	123.3	0.00	2.72	0.45	0	3	1	95	0.00	0.0	3.321	0.000	3	1	1	1
070940	PL.35099	C	Consumer	7.40Y	123.3	0.00	2.72	0.12	0	1	0	100	0.00	0.0	3.321	0.000	1	0	1	1
PL.35100	PL.35099	C	4ACSR	7.40Y	123.3	0.00	2.72	2.36	2	16	7	92	0.00	0.0	3.338	0.017	0	0	0	7
PD.5201-A	PL.35100	C	Closed	7.40Y	123.3	0.00	2.72	2.36	0	16	7	92	0.00	0.0	3.338	0.000	0	0	0	7
PD.5201-B	PD.5201-A	C	Closed	7.40Y	123.3	0.00	2.72	2.36	0	16	7	92	0.00	0.0	3.338	0.000	0	0	0	7
PL.35101	PD.5201-B	C	4ACSR	7.40Y	123.3	0.01	2.72	2.36	2	16	7	92	0.00	0.0	3.391	0.053	0	0	0	7
PL.25236	PL.35101	C	4ACSR	7.40Y	123.3	0.00	2.73	1.91	2	13	6	91	0.00	0.0	3.434	0.043	0	0	0	6
070929	PL.25236	C	Consumer	7.40Y	123.3	0.00	2.73	0.35	0	2	1	89	0.00	0.0	3.434	0.000	2	1	1	1
PL.25235	PL.25236	C	4ACSR	7.40Y	123.3	0.00	2.73	1.56	1	11	5	91	0.00	0.0	3.486	0.052	0	0	0	5
PL.13995	PL.25235	C	4ACSR	7.40Y	123.3	0.00	2.73	1.56	1	11	5	91	0.00	0.0	3.525	0.039	0	0	0	5
PL.13996	PL.13995	C	4ACSR	7.40Y	123.3	0.00	2.74	1.18	1	8	3	94	0.00	0.0	3.562	0.037	0	0	0	4
PL.13997	PL.13996	C	4ACSR	7.40Y	123.3	0.00	2.74	1.18	1	8	3	94	0.00	0.0	3.600	0.037	0	0	0	4
019944	PL.13997	C	Consumer	7.40Y	123.3	0.00	2.74	0.17	0	1	1	71	0.00	0.0	3.600	0.000	1	1	1	1
019950	PL.13997	C	Consumer	7.40Y	123.3	0.00	2.74	0.10	0	1	0	100	0.00	0.0	3.600	0.000	1	0	1	1
PL.5942	PL.13997	C	4ACSR	7.40Y	123.3	0.00	2.74	0.91	1	6	3	89	0.00	0.0	3.679	0.079	0	0	0	2
019940	PL.5942	C	Consumer	7.40Y	123.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	3.679	0.000	0	0	0	0
019928	PL.5942	C	Consumer	7.40Y	123.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	3.679	0.000	0	0	0	0
019938	PL.5942	C	Consumer	7.40Y	123.3	0.00	2.74	0.37	0	2	1	89	0.00	0.0	3.679	0.000	2	1	1	1
019948	PL.5942	C	Consumer	7.40Y	123.3	0.00	2.74	0.54	0	4	2	89	0.00	0.0	3.679	0.000	4	2	1	1
019930	PL.13995	C	Consumer	7.40Y	123.3	0.00	2.73	0.37	0	3	1	95	0.00	0.0	3.525	0.000	3	1	1	1
070905	PL.35101	C	Consumer	7.40Y	123.3	0.00	2.72	0.45	0	3	1	95	0.00	0.0	3.391	0.000	3	1	1	1
PL.35096	PL.35099	C	4ACSR	7.40Y	123.3	0.00	2.72	1.01	1	7	3	92	0.00	0.0	3.330	0.009	0	0	0	2
PD.5199	PL.35096	C	fuse6AMP	7.40Y	123.3	0.00	2.72	1.01	17	7	3	92	0.00	0.0	3.330	0.000	0	0	0	2
PL.35097	PD.5199	C	4ACSR	7.40Y	123.3	0.00	2.72	1.01	1	7	3	92	0.00	0.0	3.371	0.041	0	0	0	2
070925	PL.35097	C	Consumer	7.40Y	123.3	0.00	2.72	0.56	0	4	2	89	0.00	0.0	3.371	0.000	4	2	1	1
070923	PL.35097	C	Consumer	7.40Y	123.3	0.00	2.72	0.45	0	3	1	95	0.00	0.0	3.371	0.000	3	1	1	1

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							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
070927	PL.43786	C	Consumer	7.40Y	123.3	0.00	2.70	0.70	0	5	2	93	0.00	0.0	3.247	0.000	5	2	1	1
070920	PL.43786	C	Consumer	7.40Y	123.3	0.00	2.70	0.25	0	2	1	89	0.00	0.0	3.247	0.000	2	1	1	1
070924	PL.43786	C	Consumer	7.40Y	123.3	0.00	2.70	0.24	0	2	1	89	0.00	0.0	3.247	0.000	2	1	1	1
070916	PL.43786	C	Consumer	7.40Y	123.3	0.00	2.70	0.29	0	2	1	89	0.00	0.0	3.247	0.000	2	1	1	1
070921	PL.43786	C	Consumer	7.40Y	123.3	0.00	2.70	0.47	0	3	1	95	0.00	0.0	3.247	0.000	3	1	1	1
070939	PL.43786	C	Consumer	7.40Y	123.3	0.00	2.70	0.43	0	3	1	95	0.00	0.0	3.247	0.000	3	1	1	1
070931	PL.43786	C	Consumer	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	3.247	0.000	0	0	0	0
PL.43784	PL.43785	C	2ACSR	7.40Y	123.3	0.00	2.69	0.33	0	2	1	89	0.00	0.0	3.275	0.055	0	0	0	1
070928	PL.43784	C	Consumer	7.40Y	123.3	0.00	2.69	0.33	0	2	1	89	0.00	0.0	3.275	0.000	2	1	1	1
PL.35094	PL.13992	C	4ACSR	7.40Y	123.3	0.00	2.68	0.53	0	4	2	89	0.00	0.0	3.192	0.018	0	0	0	2
PD.5198	PL.35094	C	fuse6AMP	7.40Y	123.3	0.00	2.68	0.53	9	4	2	89	0.00	0.0	3.192	0.000	0	0	0	2
PL.35095	PD.5198	C	4ACSR	7.40Y	123.3	0.00	2.68	0.53	0	4	2	89	0.00	0.0	3.208	0.015	0	0	0	2
070918	PL.35095	C	Consumer	7.40Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	3.208	0.000	0	0	1	1
070934	PL.35095	C	Consumer	7.40Y	123.3	0.00	2.68	0.53	0	4	2	89	0.00	0.0	3.208	0.000	4	2	1	1
070935	PL.13991	C	Consumer	7.40Y	123.3	0.00	2.66	0.20	0	1	1	71	0.00	0.0	3.134	0.000	1	1	1	1
070926	PL.17531	C	Consumer	7.40Y	123.4	0.00	2.63	0.52	0	4	2	89	0.00	0.0	3.063	0.000	4	2	1	1
070933	PL.17531	C	Consumer	7.40Y	123.4	0.00	2.63	0.27	0	2	1	89	0.00	0.0	3.063	0.000	2	1	1	1
070936	PL.17531	C	Consumer	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	3.063	0.000	0	0	0	0
070903	PL.38128	C	Consumer	7.40Y	123.4	0.00	2.62	0.59	0	4	2	89	0.00	0.0	3.031	0.000	4	2	1	1
PL.24173	PL.38128	C	4ACSR	7.40Y	123.4	0.00	2.62	0.00	0	0	0	100	0.00	0.0	3.058	0.027	0	0	0	0
PL.37788	PL.37789	C	2ACSR	7.41Y	123.5	0.00	2.50	1.44	1	10	4	93	0.00	0.0	2.730	0.010	0	0	0	3
PL.21223	PL.37788	C	4ACSR	7.41Y	123.5	0.00	2.51	0.70	1	5	2	93	0.00	0.0	2.761	0.031	0	0	0	2
071950	PL.21223	C	Consumer	7.41Y	123.5	0.00	2.51	0.03	0	0	0	100	0.00	0.0	2.761	0.000	0	0	1	1
071922	PL.21223	C	Consumer	7.41Y	123.5	0.00	2.51	0.67	0	5	2	93	0.00	0.0	2.761	0.000	5	2	1	1
071926	PL.37788	C	Consumer	7.41Y	123.5	0.00	2.50	0.74	0	5	2	93	0.00	0.0	2.730	0.000	5	2	1	1
PL.37793	PL.37879	A	336ACSR	7.34Y	122.4	-0.00	3.61	13.42	3	90	39	92	0.02	0.0	2.752	0.042	0	0	0	30
		B		7.40Y	123.4	-0.00	2.62	0.75	0	5	2	92					0	0	0	4
		C		7.41Y	123.5	0.02	2.52	34.92	8	237	103	92					0	0	0	71
PL.37805	PL.37793	A	2ACSR	7.34Y	122.4	0.00	3.61	0.17	0	1	0	100	0.00	0.0	2.767	0.015	0	0	0	1
PD.6239	PL.37805	A	fuse6AMP	7.34Y	122.4	0.00	3.61	0.17	3	1	0	100	0.00	0.0	2.767	0.000	0	0	0	1
PL.37875	PD.6239	A	2ACSR	7.34Y	122.4	0.00	3.62	0.17	0	1	0	100	0.00	0.0	2.843	0.076	0	0	0	1
PL.37876	PL.37875	A	2ACSR	7.34Y	122.4	0.00	3.62	0.00	0	0	0	100	0.00	0.0	2.896	0.053	0	0	0	0
071933	PL.37875	A	Consumer	7.34Y	122.4	0.00	3.62	0.17	0	1	0	100	0.00	0.0	2.843	0.000	1	0	1	1
PL.37801	PL.37793	C	2ACSR	7.41Y	123.5	0.00	2.52	0.24	0	2	1	89	0.00	0.0	2.760	0.008	0	0	0	2
PD.6237	PL.37801	C	fuse6AMP	7.41Y	123.5	0.00	2.52	0.24	4	2	1	89	0.00	0.0	2.760	0.000	0	0	0	2
PL.37802	PD.6237	C	2ACSR	7.41Y	123.5	0.00	2.52	0.24	0	2	1	89	0.00	0.0	2.870	0.110	0	0	0	2
071955	PL.37802	C	Consumer	7.41Y	123.5	0.00	2.52	0.00	0	0	0	100	0.00	0.0	2.870	0.000	0	0	1	1
071908	PL.37802	C	Consumer	7.41Y	123.5	0.00	2.52	0.24	0	2	1	89	0.00	0.0	2.870	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.37808	PL.37793	A	336ACSR	7.34Y	122.4	-0.01	3.61	13.25	3	89	39	92	0.08	0.0	2.937	0.184	0	0	0	29
		B		7.40Y	123.4	-0.00	2.62	0.32	0	2	1	92					0	0	0	3
		C		7.40Y	123.4	0.08	2.60	32.26	7	219	95	92					0	0	0	66
PL.37815	PL.37808	C	2ACSR	7.40Y	123.4	0.00	2.60	0.36	0	2	1	89	0.00	0.0	2.940	0.004	0	0	0	1
PD.6240	PL.37815	C	fuse6AMP	7.40Y	123.4	0.00	2.60	0.36	6	2	1	89	0.00	0.0	2.940	0.000	0	0	0	1
PL.37816	PD.6240	C	2ACSR	7.40Y	123.4	0.00	2.60	0.36	0	2	1	89	0.00	0.0	2.975	0.034	0	0	0	1
071901	PL.37816	C	Consumer	7.40Y	123.4	0.00	2.60	0.36	0	2	1	89	0.00	0.0	2.975	0.000	2	1	1	1
PL.37817	PL.37808	B	2ACSR	7.40Y	123.4	0.00	2.62	0.32	0	2	1	89	0.00	0.0	2.941	0.004	0	0	0	2
PD.6241	PL.37817	B	fuse6AMP	7.40Y	123.4	0.00	2.62	0.32	5	2	1	89	0.00	0.0	2.941	0.000	0	0	0	2
PL.37818	PD.6241	B	2ACSR	7.40Y	123.4	0.00	2.62	0.32	0	2	1	89	0.00	0.0	2.949	0.008	0	0	0	2
PL.37874	PL.37818	B	2ACSR	7.40Y	123.4	0.00	2.62	0.01	0	0	0	100	0.00	0.0	2.985	0.036	0	0	0	1
071936	PL.37874	B	Consumer	7.40Y	123.4	0.00	2.62	0.01	0	0	0	100	0.00	0.0	2.985	0.000	0	0	1	1
071947	PL.37818	B	Consumer	7.40Y	123.4	0.00	2.62	0.30	0	2	1	89	0.00	0.0	2.949	0.000	2	1	1	1
PL.37811	PL.37808	A	336ACSR	7.34Y	122.4	-0.00	3.60	13.25	3	89	39	92	0.01	0.0	2.967	0.031	0	0	0	29
		B		7.40Y	123.4	-0.00	2.62	0.00	0	0	0	100					0	0	0	1
		C		7.40Y	123.4	0.01	2.62	31.89	7	217	94	92					0	0	0	65
PL.37813	PL.37811	A	336ACSR	7.34Y	122.4	-0.00	3.60	13.25	3	89	39	92	0.00	0.0	2.971	0.003	0	0	0	29
		B		7.40Y	123.4	-0.00	2.62	0.00	0	0	0	100					0	0	0	1
		C		7.40Y	123.4	0.00	2.62	31.89	7	217	94	92					0	0	0	65
071902	PL.37813	B	Consumer	7.40Y	123.4	0.00	2.62	0.00	0	0	0	100	0.00	0.0	2.971	0.000	0	0	1	1
PL.37820	PL.37813	A	336ACSR	7.34Y	122.4	-0.01	3.60	13.25	3	89	39	92	0.07	0.0	3.131	0.160	0	0	0	29
		B		7.40Y	123.4	-0.00	2.62	0.00	0	0	0	100					0	0	0	0
		C		7.40Y	123.3	0.07	2.69	31.89	7	216	94	92					0	0	0	65
PL.37828	PL.37820	A	2ACSR	7.34Y	122.4	0.00	3.60	0.15	0	1	0	100	0.00	0.0	3.140	0.009	0	0	0	1
PD.6243	PL.37828	A	fuse6AMP	7.34Y	122.4	0.00	3.60	0.15	3	1	0	100	0.00	0.0	3.140	0.000	0	0	0	1
PL.37829	PD.6243	A	2ACSR	7.34Y	122.4	0.00	3.60	0.15	0	1	0	100	0.00	0.0	3.154	0.015	0	0	0	1
071903	PL.37829	A	Consumer	7.34Y	122.4	0.00	3.60	0.15	0	1	0	100	0.00	0.0	3.154	0.000	1	0	1	1
PL.37826	PL.37820	A	2ACSR	7.34Y	122.4	0.00	3.60	0.29	0	2	1	89	0.00	0.0	3.144	0.013	0	0	0	1
PD.6242	PL.37826	A	fuse6AMP	7.34Y	122.4	0.00	3.60	0.29	5	2	1	89	0.00	0.0	3.144	0.000	0	0	0	1
PL.37827	PD.6242	A	2ACSR	7.34Y	122.4	0.00	3.60	0.29	0	2	1	89	0.00	0.0	3.215	0.071	0	0	0	1
071920	PL.37827	A	Consumer	7.34Y	122.4	0.00	3.60	0.29	0	2	1	89	0.00	0.0	3.215	0.000	2	1	1	1
PL.37824	PL.37820	A	336ACSR	7.34Y	122.4	-0.00	3.59	12.80	3	86	37	92	0.03	0.0	3.206	0.076	0	0	0	27
		B		7.40Y	123.4	-0.00	2.62	0.00	0	0	0	100					0	0	0	0
		C		7.40Y	123.3	0.03	2.72	31.89	7	216	94	92					0	0	0	65
PL.37825	PL.37824	A	336ACSR	7.34Y	122.4	-0.00	3.59	12.18	3	82	36	92	0.01	0.0	3.226	0.020	0	0	0	26
		B		7.40Y	123.4	-0.00	2.62	0.00	0	0	0	100					0	0	0	0
		C		7.40Y	123.3	0.01	2.73	31.89	7	216	94	92					0	0	0	65
PL.37837	PL.37825	C	2ACSR	7.39Y	123.2	0.03	2.76	31.89	20	216	94	92	0.04	0.0	3.251	0.025	0	0	0	65
PD.6247-A	PL.37837	C	Closed	7.39Y	123.2	0.00	2.76	31.89	0	216	94	92	0.00	0.0	3.251	0.000	0	0	0	65
PD.6247-B	PD.6247-A	C	Closed	7.39Y	123.2	0.00	2.76	31.89	0	216	94	92	0.00	0.0	3.251	0.000	0	0	0	65
PL.37838	PD.6247-B	C	2ACSR	7.39Y	123.2	0.01	2.77	31.89	20	216	94	92	0.01	0.0	3.259	0.008	0	0	0	65
PL.17502	PL.37838	C	4ACSR	7.39Y	123.2	0.01	2.77	31.18	26	211	92	92	0.01	0.0	3.264	0.006	0	0	0	63
C PD.3235	PL.17502	C	fuse6AMP	7.39Y	123.2	0.00	2.77	31.18	533	211	92	92	0.00	0.0	3.264	0.000	0	0	0	63 C
PL.17503	PD.3235	C	4ACSR	7.39Y	123.2	0.01	2.78	31.18	26	211	92	92	0.01	0.0	3.270	0.005	0	0	0	63

Unbalanced Voltage Drop Report
Source: STANTON

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.3623, PL.17504, etc.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.5785	PL.14191	C	4ACSR	7.33Y	122.1	0.05	3.87	7.05	6	47	21	91	0.02	0.0	4.552	0.140	0	0	0	19
029208	PL.5785	C	Consumer	7.33Y	122.1	0.00	3.87	0.48	0	3	1	95	0.00	0.0	4.552	0.000	3	1	1	1
029204	PL.5785	C	Consumer	7.33Y	122.1	0.00	3.87	0.63	0	4	2	89	0.00	0.0	4.552	0.000	4	2	1	1
PL.14192	PL.5785	C	4ACSR	7.33Y	122.1	0.01	3.88	5.94	5	40	17	92	0.00	0.0	4.580	0.028	0	0	0	17
PL.14193	PL.14192	C	4ACSR	7.33Y	122.1	0.01	3.88	5.68	5	38	17	91	0.00	0.0	4.612	0.031	0	0	0	16
PL.5793	PL.14193	C	4ACSR	7.33Y	122.1	0.01	3.90	5.67	5	38	16	92	0.00	0.0	4.666	0.055	0	0	0	15
PL.35125	PL.5793	C	4ACSR	7.33Y	122.1	0.00	3.90	5.11	4	34	15	91	0.00	0.0	4.680	0.013	0	0	0	13
PD.5208-A	PL.35125	C	Closed	7.33Y	122.1	0.00	3.90	5.11	0	34	15	91	0.00	0.0	4.680	0.000	0	0	0	13
PD.5208-B	PD.5208-A	C	Closed	7.33Y	122.1	0.00	3.90	5.11	0	34	15	91	0.00	0.0	4.680	0.000	0	0	0	13
PL.35126	PD.5208-B	C	4ACSR	7.32Y	122.1	0.04	3.94	5.11	4	34	15	91	0.01	0.0	4.841	0.162	0	0	0	13
PL.26626	PL.35126	C	4ACSR	7.32Y	122.0	0.02	3.96	3.99	3	27	12	91	0.00	0.0	4.948	0.107	0	0	0	10
PL.26627	PL.26626	C	4ACSR	7.32Y	122.0	0.03	3.99	3.99	3	27	12	91	0.01	0.0	5.106	0.158	0	0	0	10
PL.26628	PL.26627	C	4ACSR	7.32Y	122.0	0.01	4.00	3.32	3	22	10	91	0.00	0.0	5.165	0.059	0	0	0	8
PL.35131	PL.26628	C	4ACSR	7.32Y	122.0	0.00	4.00	0.12	0	1	0	100	0.00	0.0	5.169	0.004	0	0	0	1
PD.5211	PL.35131	C	fuse6AMP	7.32Y	122.0	0.00	4.00	0.12	2	1	0	100	0.00	0.0	5.169	0.000	0	0	0	1
PL.35132	PD.5211	C	4ACSR	7.32Y	122.0	0.00	4.00	0.12	0	1	0	100	0.00	0.0	5.210	0.041	0	0	0	1
PL.23805	PL.35132	C	4ACSR	7.32Y	122.0	0.00	4.00	0.12	0	1	0	100	0.00	0.0	5.268	0.058	0	0	0	1
PL.23806	PL.23805	C	4ACSR	7.32Y	122.0	0.00	4.00	0.12	0	1	0	100	0.00	0.0	5.326	0.058	0	0	0	1
028219	PL.23806	C	Consumer	7.32Y	122.0	0.00	4.00	0.12	0	1	0	100	0.00	0.0	5.326	0.000	1	0	1	1
PL.26629	PL.26628	C	4ACSR	7.32Y	122.0	0.01	4.01	3.20	3	22	9	93	0.00	0.0	5.215	0.050	0	0	0	7
PL.5787	PL.26629	C	4ACSR	7.32Y	122.0	0.02	4.03	2.95	2	20	9	91	0.00	0.0	5.384	0.170	0	0	0	6
PL.26630	PL.5787	C	4ACSR	7.32Y	122.0	0.02	4.05	1.99	2	13	6	91	0.00	0.0	5.592	0.208	0	0	0	3
PL.14121	PL.26630	C	4ACSR	7.32Y	121.9	0.00	4.05	1.15	1	8	3	94	0.00	0.0	5.669	0.076	0	0	0	2
PL.8575	PL.14121	C	4ACSR	7.32Y	121.9	0.01	4.06	1.15	1	8	3	94	0.00	0.0	5.800	0.131	0	0	0	2
PL.5789	PL.8575	C	4ACSR	7.32Y	121.9	0.00	4.06	0.23	0	2	1	89	0.00	0.0	5.919	0.119	0	0	0	1
027202	PL.5789	C	Consumer	7.32Y	121.9	0.00	4.06	0.23	0	2	1	89	0.00	0.0	5.919	0.000	2	1	1	1
027201	PL.8575	C	Consumer	7.32Y	121.9	0.00	4.06	0.92	0	6	3	89	0.00	0.0	5.800	0.000	6	3	1	1
028216	PL.26630	C	Consumer	7.32Y	122.0	0.00	4.05	0.84	0	6	2	95	0.00	0.0	5.592	0.000	6	2	1	1
028212	PL.5787	C	Consumer	7.32Y	122.0	0.00	4.03	0.29	0	2	1	89	0.00	0.0	5.384	0.000	2	1	1	1
028220	PL.5787	C	Consumer	7.32Y	122.0	0.00	4.03	0.38	0	3	1	95	0.00	0.0	5.384	0.000	3	1	1	1
028217	PL.5787	C	Consumer	7.32Y	122.0	0.00	4.03	0.00	0	0	0	100	0.00	0.0	5.384	0.000	0	0	0	0
028218	PL.5787	C	Consumer	7.32Y	122.0	0.00	4.03	0.28	0	2	1	89	0.00	0.0	5.384	0.000	2	1	1	1
028213	PL.26629	C	Consumer	7.32Y	122.0	0.00	4.01	0.26	0	2	1	89	0.00	0.0	5.215	0.000	2	1	1	1
PL.35129	PL.26627	C	4ACSR	7.32Y	122.0	0.00	3.99	0.67	1	5	2	93	0.00	0.0	5.110	0.004	0	0	0	2
PD.5210	PL.35129	C	fuse6AMP	7.32Y	122.0	0.00	3.99	0.67	11	5	2	93	0.00	0.0	5.110	0.000	0	0	0	2
PL.35130	PD.5210	C	4ACSR	7.32Y	122.0	0.00	3.99	0.67	1	5	2	93	0.00	0.0	5.145	0.035	0	0	0	2
028207	PL.35130	C	Consumer	7.32Y	122.0	0.00	3.99	0.25	0	2	1	89	0.00	0.0	5.145	0.000	2	1	1	1
028214	PL.35130	C	Consumer	7.32Y	122.0	0.00	3.99	0.42	0	3	1	95	0.00	0.0	5.145	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.23804	PL.26626	C	4ACSR	7.32Y	122.0	0.00	3.96	0.00	0	0	0	100	0.00	0.0	5.008	0.059	0	0	0	0
PL.35127	PL.35126	C	4ACSR	7.32Y	122.1	0.00	3.94	1.11	1	7	3	92	0.00	0.0	4.848	0.006	0	0	0	3
PD.5209	PL.35127	C	fuse6AMP	7.32Y	122.1	0.00	3.94	1.11	19	7	3	92	0.00	0.0	4.848	0.000	0	0	0	3
PL.35128	PD.5209	C	4ACSR	7.32Y	122.1	0.00	3.94	1.11	1	7	3	92	0.00	0.0	4.934	0.086	0	0	0	3
028211	PL.35128	C	Consumer	7.32Y	122.1	0.00	3.94	0.00	0	0	0	100	0.00	0.0	4.934	0.000	0	0	0	0
028202	PL.35128	C	Consumer	7.32Y	122.1	0.00	3.94	0.39	0	3	1	95	0.00	0.0	4.934	0.000	3	1	1	1
028208	PL.35128	C	Consumer	7.32Y	122.1	0.00	3.94	0.49	0	3	1	95	0.00	0.0	4.934	0.000	3	1	1	1
028210	PL.35128	C	Consumer	7.32Y	122.1	0.00	3.94	0.23	0	2	1	89	0.00	0.0	4.934	0.000	2	1	1	1
028215	PL.5793	C	Consumer	7.33Y	122.1	0.00	3.90	0.19	0	1	1	71	0.00	0.0	4.666	0.000	1	1	1	1
028204	PL.5793	C	Consumer	7.33Y	122.1	0.00	3.90	0.37	0	2	1	89	0.00	0.0	4.666	0.000	2	1	1	1
029219	PL.14193	C	Consumer	7.33Y	122.1	0.00	3.88	0.02	0	0	0	100	0.00	0.0	4.612	0.000	0	0	1	1
029205	PL.14192	C	Consumer	7.33Y	122.1	0.00	3.88	0.26	0	2	1	89	0.00	0.0	4.580	0.000	2	1	1	1
029222	PL.14189	C	Consumer	7.34Y	122.3	0.00	3.75	0.00	0	0	0	100	0.00	0.0	4.190	0.000	0	0	0	0
029216	PL.14189	C	Consumer	7.34Y	122.3	0.00	3.75	0.00	0	0	0	100	0.00	0.0	4.190	0.000	0	0	0	0
029214	PL.14189	C	Consumer	7.34Y	122.3	0.00	3.75	0.44	0	3	1	95	0.00	0.0	4.190	0.000	3	1	1	1
029223	PL.14189	C	Consumer	7.34Y	122.3	0.00	3.75	0.00	0	0	0	100	0.00	0.0	4.190	0.000	0	0	1	1
029221	PL.14187	C	Consumer	7.34Y	122.3	0.00	3.71	0.00	0	0	0	100	0.00	0.0	4.103	0.000	0	0	0	0
029215	PL.14187	C	Consumer	7.34Y	122.3	0.00	3.71	0.00	0	0	0	100	0.00	0.0	4.103	0.000	0	0	1	1
PL.35123	PL.27327	C	4ACSR	7.34Y	122.3	0.00	3.71	0.59	0	4	2	89	0.00	0.0	4.093	0.005	0	0	0	1
PD.5207	PL.35123	C	fuse6AMP	7.34Y	122.3	0.00	3.71	0.59	10	4	2	89	0.00	0.0	4.093	0.000	0	0	0	1
PL.35124	PD.5207	C	4ACSR	7.34Y	122.3	0.00	3.71	0.59	0	4	2	89	0.00	0.0	4.229	0.136	0	0	0	1
080206	PL.35124	C	Consumer	7.34Y	122.3	0.00	3.71	0.59	0	4	2	89	0.00	0.0	4.229	0.000	4	2	1	1
PL.35119	PL.14173	C	4ACSR	7.34Y	122.4	0.01	3.62	18.72	16	126	55	92	0.01	0.0	3.892	0.007	0	0	0	31
PD.5205-A	PL.35119	C	Closed	7.34Y	122.4	0.00	3.62	18.72	0	126	55	92	0.00	0.0	3.892	0.000	0	0	0	31
PD.5205-B	PD.5205-A	C	Closed	7.34Y	122.4	0.00	3.62	18.72	0	126	55	92	0.00	0.0	3.892	0.000	0	0	0	31
PL.35120	PD.5205-B	C	4ACSR	7.34Y	122.3	0.07	3.69	18.72	16	126	55	92	0.07	0.1	3.971	0.079	0	0	0	31
PD.570-A	PL.35120	C	Closed	7.34Y	122.3	0.00	3.69	18.72	0	126	55	92	0.00	0.0	3.971	0.000	0	0	0	31
PD.570-B	PD.570-A	C	Closed	7.34Y	122.3	0.00	3.69	18.72	0	126	55	92	0.00	0.0	3.971	0.000	0	0	0	31
PL.18792	PD.570-B	C	4ACSR	7.34Y	122.3	0.01	3.70	18.72	16	126	55	92	0.01	0.0	3.982	0.011	0	0	0	31
PD.3448	PL.18792	C	35V4E	7.34Y	122.3	0.00	3.70	18.72	53	126	55	92	0.00	0.0	3.982	0.000	0	0	0	31
PL.27328	PD.3448	C	4ACSR	7.33Y	122.2	0.09	3.79	18.72	16	126	55	92	0.09	0.1	4.088	0.105	0	0	0	31
PL.45416	PL.27328	C	4ACSR	7.33Y	122.2	0.00	3.80	18.72	16	126	55	92	0.00	0.0	4.093	0.005	0	0	0	31
PL.45417	PL.45416	C	4ACSR	7.33Y	122.1	0.10	3.90	18.72	16	126	55	92	0.10	0.1	4.213	0.120	0	0	0	31
PL.14175	PL.45417	C	4ACSR	7.32Y	122.0	0.07	3.96	15.98	13	107	47	92	0.05	0.1	4.302	0.089	0	0	0	28
PL.34593	PL.14175	C	4ACSR	7.32Y	122.0	0.00	3.96	0.18	0	1	1	71	0.00	0.0	4.306	0.004	0	0	0	1
PD.4887	PL.34593	C	fuse6AMP	7.32Y	122.0	0.00	3.96	0.18	3	1	1	71	0.00	0.0	4.306	0.000	0	0	0	1
PL.34594	PD.4887	C	4ACSR	7.32Y	122.0	0.00	3.97	0.18	0	1	1	71	0.00	0.0	4.378	0.073	0	0	0	1
029206	PL.34594	C	Consumer	7.32Y	122.0	0.00	3.97	0.18	0	1	1	71	0.00	0.0	4.378	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.23800	PL.34594	C	4ACSR	7.32Y	122.0	0.00	3.97	0.00	0	0	0	100	0.00	0.0	4.406	0.027	0	0	0	0
PL.14176	PL.14175	C	4ACSR	7.32Y	122.0	0.02	3.99	15.81	13	106	46	92	0.02	0.0	4.331	0.029	0	0	0	27
PL.34595	PL.14176	C	4ACSR	7.32Y	122.0	0.00	3.99	0.74	1	5	2	93	0.00	0.0	4.336	0.005	0	0	0	1
PD.4888	PL.34595	C	fuse6AMP	7.32Y	122.0	0.00	3.99	0.74	13	5	2	93	0.00	0.0	4.336	0.000	0	0	0	1
PL.34596	PD.4888	C	4ACSR	7.32Y	122.0	0.00	3.99	0.74	1	5	2	93	0.00	0.0	4.345	0.009	0	0	0	1
PL.438	PL.34596	C	4ACSR	7.32Y	122.0	0.01	3.99	0.74	1	5	2	93	0.00	0.0	4.506	0.161	0	0	0	1
019915	PL.438	C	Consumer	7.32Y	122.0	0.00	3.99	0.74	0	5	2	93	0.00	0.0	4.506	0.000	5	2	1	1
PL.14177	PL.14176	C	4ACSR	7.32Y	122.0	0.02	4.01	15.07	13	101	44	92	0.02	0.0	4.362	0.031	0	0	0	26
PL.14178	PL.14177	C	4ACSR	7.32Y	121.9	0.06	4.07	15.07	13	101	44	92	0.05	0.0	4.446	0.085	0	0	0	26
PL.14179	PL.14178	C	4ACSR	7.31Y	121.8	0.08	4.15	13.50	11	91	39	92	0.06	0.1	4.583	0.136	0	0	0	23
PL.43265	PL.14179	C	4ACSR	7.31Y	121.8	0.00	4.16	12.60	11	85	37	92	0.00	0.0	4.590	0.008	0	0	0	20
PD.8238-A	PL.43265	C	Closed	7.31Y	121.8	0.00	4.16	12.60	0	85	37	92	0.00	0.0	4.590	0.000	0	0	0	20
PD.8238-B	PD.8238-A	C	Closed	7.31Y	121.8	0.00	4.16	12.60	0	85	37	92	0.00	0.0	4.590	0.000	0	0	0	20
PL.43266	PD.8238-B	C	4ACSR	7.31Y	121.8	0.06	4.22	12.60	11	85	37	92	0.04	0.0	4.696	0.105	0	0	0	20
019931	PL.43266	C	Consumer	7.31Y	121.8	0.00	4.22	0.67	0	4	2	89	0.00	0.0	4.696	0.000	4	2	1	1
PL.34603	PL.43266	C	4ACSR	7.31Y	121.8	0.00	4.22	0.57	0	4	2	89	0.00	0.0	4.711	0.015	0	0	0	3
PD.4892	PL.34603	C	fuse6AMP	7.31Y	121.8	0.00	4.22	0.57	10	4	2	89	0.00	0.0	4.711	0.000	0	0	0	3
PL.34604	PD.4892	C	4ACSR	7.31Y	121.8	0.00	4.22	0.57	0	4	2	89	0.00	0.0	4.767	0.056	0	0	0	3
018906	PL.34604	C	Consumer	7.31Y	121.8	0.00	4.22	0.00	0	0	0	100	0.00	0.0	4.767	0.000	0	0	1	1
018901	PL.34604	C	Consumer	7.31Y	121.8	0.00	4.22	0.00	0	0	0	100	0.00	0.0	4.767	0.000	0	0	1	1
019903	PL.34604	C	Consumer	7.31Y	121.8	0.00	4.22	0.57	0	4	2	89	0.00	0.0	4.767	0.000	4	2	1	1
PL.34605	PL.43266	C	4ACSR	7.30Y	121.7	0.10	4.31	11.36	10	76	33	92	0.06	0.1	4.880	0.184	0	0	0	16
PL.34609	PL.34605	C	4ACSR	7.30Y	121.7	0.01	4.32	10.18	9	68	30	91	0.00	0.0	4.898	0.018	0	0	0	14
PL.34610	PL.34609	C	4ACSR	7.30Y	121.6	0.03	4.35	10.18	9	68	30	91	0.01	0.0	4.959	0.060	0	0	0	14
PL.34607	PL.34610	C	4ACSR	7.30Y	121.6	0.00	4.35	7.69	6	52	22	92	0.00	0.0	4.964	0.005	0	0	0	9
PD.4893-A	PL.34607	C	Closed	7.30Y	121.6	0.00	4.35	7.69	0	52	22	92	0.00	0.0	4.964	0.000	0	0	0	9
PD.4893-B	PD.4893-A	C	Closed	7.30Y	121.6	0.00	4.35	7.69	0	52	22	92	0.00	0.0	4.964	0.000	0	0	0	9
PL.34608	PD.4893-B	C	4ACSR	7.30Y	121.6	0.02	4.38	7.69	6	52	22	92	0.01	0.0	5.029	0.065	0	0	0	9
PL.1429	PL.34608	C	4ACSR	7.30Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	5.077	0.048	0	0	0	0
PL.14182	PL.34608	C	4ACSR	7.30Y	121.6	0.01	4.38	7.69	6	52	22	92	0.00	0.0	5.056	0.027	0	0	0	9
PL.14183	PL.14182	C	4ACSR	7.30Y	121.6	0.02	4.41	6.04	5	40	18	91	0.01	0.0	5.137	0.081	0	0	0	8
PL.14184	PL.14183	C	4ACSR	7.29Y	121.6	0.01	4.42	4.64	4	31	13	92	0.00	0.0	5.191	0.053	0	0	0	6
PL.43262	PL.14184	C	4ACSR	7.29Y	121.6	0.00	4.42	2.25	2	15	7	91	0.00	0.0	5.200	0.009	0	0	0	3
PD.8237	PL.43262	C	fuse6AMP	7.29Y	121.6	0.00	4.42	2.25	38	15	7	91	0.00	0.0	5.200	0.000	0	0	0	3
PL.43263	PD.8237	C	4ACSR	7.29Y	121.6	0.00	4.42	2.25	2	15	7	91	0.00	0.0	5.212	0.012	0	0	0	3
PL.1430	PL.43263	C	4ACSR	7.29Y	121.6	0.01	4.43	2.25	2	15	7	91	0.00	0.0	5.280	0.068	0	0	0	3
PL.1269	PL.1430	C	4ACSR	7.29Y	121.6	0.00	4.43	0.90	1	6	3	89	0.00	0.0	5.397	0.117	0	0	0	1
018927	PL.1269	C	Consumer	7.29Y	121.6	0.00	4.43	0.90	0	6	3	89	0.00	0.0	5.397	0.000	6	3	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
018913	PL.1430	C	Consumer	7.29Y	121.6	0.00	4.43	0.87	0	6	3	89	0.00	0.0	5.280	0.000	6	3	1	1
018916	PL.1430	C	Consumer	7.29Y	121.6	0.00	4.43	0.48	0	3	1	95	0.00	0.0	5.280	0.000	3	1	1	1
PL.34615	PL.14184	C	4ACSR	7.29Y	121.6	0.00	4.42	2.39	2	16	7	92	0.00	0.0	5.197	0.006	0	0	0	3
PD.4898	PL.34615	C	fuse6AMP	7.29Y	121.6	0.00	4.42	2.39	41	16	7	92	0.00	0.0	5.197	0.000	0	0	0	3
PL.43264	PD.4898	C	4ACSR	7.29Y	121.6	0.01	4.43	1.00	1	7	3	92	0.00	0.0	5.315	0.119	0	0	0	2
018929	PL.43264	C	Consumer	7.29Y	121.6	0.00	4.43	0.10	0	1	0	100	0.00	0.0	5.315	0.000	1	0	1	1
018918	PL.43264	C	Consumer	7.29Y	121.6	0.00	4.43	0.90	0	6	3	89	0.00	0.0	5.315	0.000	6	3	1	1
PL.34616	PD.4898	C	4ACSR	7.29Y	121.6	0.00	4.42	1.39	1	9	4	91	0.00	0.0	5.252	0.056	0	0	0	1
PL.29271	PL.34616	C	4ACSR	7.29Y	121.6	0.00	4.43	1.39	1	9	4	91	0.00	0.0	5.295	0.043	0	0	0	1
018905	PL.29271	C	Consumer	7.29Y	121.6	0.00	4.43	1.39	0	9	4	91	0.00	0.0	5.295	0.000	9	4	1	1
018909	PL.14183	C	Consumer	7.30Y	121.6	0.00	4.41	0.00	0	0	0	100	0.00	0.0	5.137	0.000	0	0	0	0
PL.34613	PL.14183	C	4ACSR	7.30Y	121.6	0.00	4.41	1.40	1	9	4	91	0.00	0.0	5.156	0.019	0	0	0	2
PD.4897	PL.34613	C	fuse6AMP	7.30Y	121.6	0.00	4.41	1.40	24	9	4	91	0.00	0.0	5.156	0.000	0	0	0	2
PL.34614	PD.4897	C	4ACSR	7.30Y	121.6	0.00	4.41	1.40	1	9	4	91	0.00	0.0	5.222	0.066	0	0	0	2
018914	PL.34614	C	Consumer	7.30Y	121.6	0.00	4.41	0.66	0	4	2	89	0.00	0.0	5.222	0.000	4	2	1	1
018920	PL.34614	C	Consumer	7.30Y	121.6	0.00	4.41	0.74	0	5	2	93	0.00	0.0	5.222	0.000	5	2	1	1
PL.34611	PL.14182	C	4ACSR	7.30Y	121.6	0.00	4.39	1.65	1	11	5	91	0.00	0.0	5.061	0.005	0	0	0	1
PD.4896	PL.34611	C	fuse6AMP	7.30Y	121.6	0.00	4.39	1.65	28	11	5	91	0.00	0.0	5.061	0.000	0	0	0	1
PL.34612	PD.4896	C	4ACSR	7.30Y	121.6	0.01	4.39	1.65	1	11	5	91	0.00	0.0	5.160	0.099	0	0	0	1
018919	PL.34612	C	Consumer	7.30Y	121.6	0.00	4.39	1.65	0	11	5	91	0.00	0.0	5.160	0.000	11	5	1	1
PL.45167	PL.34610	C	4ACSR	7.30Y	121.6	0.00	4.35	2.49	2	17	7	92	0.00	0.0	4.984	0.026	0	0	0	5
PD.4894	PL.45167	C	fuse6AMP	7.30Y	121.6	0.00	4.35	2.49	43	17	7	92	0.00	0.0	4.984	0.000	0	0	0	5
PL.45168	PD.4894	C	4ACSR	7.30Y	121.6	0.00	4.35	2.49	2	17	7	92	0.00	0.0	4.990	0.005	0	0	0	5
PL.45166	PL.45168	C	4ACSR	7.30Y	121.6	0.01	4.36	2.49	2	17	7	92	0.00	0.0	5.054	0.065	0	0	0	5
018904	PL.45166	C	Consumer	7.30Y	121.6	0.00	4.36	0.23	0	2	1	89	0.00	0.0	5.054	0.000	2	1	1	1
PL.1428	PL.45166	C	4ACSR	7.30Y	121.6	0.01	4.37	2.25	2	15	7	91	0.00	0.0	5.129	0.074	0	0	0	4
PL.1431	PL.1428	C	4ACSR	7.30Y	121.6	0.00	4.37	1.46	1	10	4	93	0.00	0.0	5.170	0.041	0	0	0	3
018915	PL.1431	C	Consumer	7.30Y	121.6	0.00	4.37	0.57	0	4	2	89	0.00	0.0	5.170	0.000	4	2	1	1
018912	PL.1431	C	Consumer	7.30Y	121.6	0.00	4.37	0.28	0	2	1	89	0.00	0.0	5.170	0.000	2	1	1	1
PL.1278	PL.1431	C	4ACSR	7.30Y	121.6	0.00	4.38	0.61	1	4	2	89	0.00	0.0	5.290	0.120	0	0	0	1
018928	PL.1278	C	Consumer	7.30Y	121.6	0.00	4.38	0.61	0	4	2	89	0.00	0.0	5.290	0.000	4	2	1	1
PL.45778	PL.1278	C	2ACSR	7.30Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	5.793	0.503	0	0	0	0
0189033	PL.45778	C	Consumer	7.30Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	5.793	0.000	0	0	0	0
018921	PL.1428	C	Consumer	7.30Y	121.6	0.00	4.37	0.79	0	5	2	93	0.00	0.0	5.129	0.000	5	2	1	1
018907	PL.34605	C	Consumer	7.30Y	121.7	0.00	4.31	0.61	0	4	2	89	0.00	0.0	4.880	0.000	4	2	1	1
018903	PL.34605	C	Consumer	7.30Y	121.7	0.00	4.31	0.57	0	4	2	89	0.00	0.0	4.880	0.000	4	2	1	1
PL.34599	PL.14179	C	4ACSR	7.31Y	121.8	0.00	4.15	0.90	1	6	3	89	0.00	0.0	4.591	0.009	0	0	0	2
PD.4890	PL.34599	C	fuse6AMP	7.31Y	121.8	0.00	4.15	0.90	15	6	3	89	0.00	0.0	4.591	0.000	0	0	0	2

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.34600	PD.4890	C	4ACSR	7.31Y	121.8	0.00	4.15	0.90	1	6	3	89	0.00	0.0	4.669	0.077	0	0	0	2
019945	PL.34600	C	Consumer	7.31Y	121.8	0.00	4.15	0.65	0	4	2	89	0.00	0.0	4.669	0.000	4	2	1	1
019922	PL.34600	C	Consumer	7.31Y	121.8	0.00	4.15	0.25	0	2	1	89	0.00	0.0	4.669	0.000	2	1	1	1
019949	PL.14179	C	Consumer	7.31Y	121.8	0.00	4.15	0.00	0	0	0	100	0.00	0.0	4.583	0.000	0	0	1	1
PL.34597	PL.14178	C	4ACSR	7.32Y	121.9	0.00	4.07	1.57	1	11	5	91	0.00	0.0	4.452	0.005	0	0	0	3
PD.4889	PL.34597	C	fuse6AMP	7.32Y	121.9	0.00	4.07	1.57	27	11	5	91	0.00	0.0	4.452	0.000	0	0	0	3
PL.34598	PD.4889	C	4ACSR	7.32Y	121.9	0.00	4.07	1.57	1	11	5	91	0.00	0.0	4.474	0.022	0	0	0	3
PL.442	PL.34598	C	4ACSR	7.32Y	121.9	0.00	4.07	0.07	0	1	0	100	0.00	0.0	4.484	0.010	0	0	0	1
PL.23802	PL.442	C	4ACSR	7.32Y	121.9	0.00	4.07	0.07	0	1	0	100	0.00	0.0	4.527	0.044	0	0	0	1
029218	PL.23802	C	Consumer	7.32Y	121.9	0.00	4.07	0.00	0	0	0	100	0.00	0.0	4.527	0.000	0	0	0	0
029203	PL.23802	C	Consumer	7.32Y	121.9	0.00	4.07	0.07	0	1	0	100	0.00	0.0	4.527	0.000	1	0	1	1
PL.443	PL.34598	C	4ACSR	7.32Y	121.9	0.00	4.07	1.49	1	10	4	93	0.00	0.0	4.537	0.063	0	0	0	2
019946	PL.443	C	Consumer	7.32Y	121.9	0.00	4.07	0.76	0	5	2	93	0.00	0.0	4.537	0.000	5	2	1	1
019902	PL.443	C	Consumer	7.32Y	121.9	0.00	4.07	0.73	0	5	2	93	0.00	0.0	4.537	0.000	5	2	1	1
PL.34591	PL.45417	C	4ACSR	7.33Y	122.1	0.00	3.90	2.74	2	18	8	91	0.00	0.0	4.215	0.003	0	0	0	3
PD.4886	PL.34591	C	fuse6AMP	7.33Y	122.1	0.00	3.90	2.74	47	18	8	91	0.00	0.0	4.215	0.000	0	0	0	3
PL.34592	PD.4886	C	4ACSR	7.33Y	122.1	0.01	3.91	2.74	2	18	8	91	0.00	0.0	4.305	0.089	0	0	0	3
029207	PL.34592	C	Consumer	7.33Y	122.1	0.00	3.91	0.65	0	4	2	89	0.00	0.0	4.305	0.000	4	2	1	1
029202	PL.34592	C	Consumer	7.33Y	122.1	0.00	3.91	1.44	0	10	4	93	0.00	0.0	4.305	0.000	10	4	1	1
029212	PL.34592	C	Consumer	7.33Y	122.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	4.305	0.000	0	0	0	0
029209	PL.34592	C	Consumer	7.33Y	122.1	0.00	3.91	0.65	0	4	2	89	0.00	0.0	4.305	0.000	4	2	1	1
PL.45418	PL.45416	C	2ACSR	7.33Y	122.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	4.100	0.008	0	0	0	0
PD.8645	PL.45418	C	fuse6AMP	7.33Y	122.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	4.100	0.000	0	0	0	0
PL.45419	PD.8645	C	2ACSR	7.33Y	122.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	4.143	0.043	0	0	0	0
0292025	PL.45419	C	Consumer	7.33Y	122.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	4.143	0.000	0	0	0	0
PL.18793	PL.27909	C	4ACSR	7.35Y	122.5	0.00	3.52	0.45	0	3	1	95	0.00	0.0	3.823	0.015	0	0	0	2
PD.1167	PL.18793	C	fuse6AMP	7.35Y	122.5	0.00	3.52	0.45	8	3	1	95	0.00	0.0	3.823	0.000	0	0	0	2
PL.18794	PD.1167	C	4ACSR	7.35Y	122.5	0.00	3.52	0.45	0	3	1	95	0.00	0.0	3.876	0.053	0	0	0	2
080207	PL.18794	C	Consumer	7.35Y	122.5	0.00	3.52	0.00	0	0	0	100	0.00	0.0	3.876	0.000	0	0	1	1
PL.7634	PL.18794	C	4ACSR	7.35Y	122.5	0.00	3.52	0.45	0	3	1	95	0.00	0.0	3.990	0.114	0	0	0	1
080201	PL.7634	C	Consumer	7.35Y	122.5	0.00	3.52	0.45	0	3	1	95	0.00	0.0	3.990	0.000	3	1	1	1
PL.4518	PL.37838	C	4ACSR	7.39Y	123.2	0.00	2.77	0.71	1	5	2	93	0.00	0.0	3.306	0.047	0	0	0	2
071953	PL.4518	C	Consumer	7.39Y	123.2	0.00	2.77	0.70	0	5	2	93	0.00	0.0	3.306	0.000	5	2	1	1
071957	PL.4518	C	Consumer	7.39Y	123.2	0.00	2.77	0.02	0	0	0	100	0.00	0.0	3.306	0.000	0	0	1	1
PL.37835	PL.37825	A	2ACSR	7.34Y	122.4	0.01	3.60	12.18	8	82	36	92	0.00	0.0	3.239	0.013	0	0	0	26
PD.6246-A	PL.37835	A	Closed	7.34Y	122.4	0.00	3.60	12.18	0	82	36	92	0.00	0.0	3.239	0.000	0	0	0	26
PD.6246-B	PD.6246-A	A	Closed	7.34Y	122.4	0.00	3.60	12.18	0	82	36	92	0.00	0.0	3.239	0.000	0	0	0	26
PL.37840	PD.6246-B	A	2ACSR	7.34Y	122.4	0.02	3.61	12.18	8	82	36	92	0.01	0.0	3.283	0.045	0	0	0	26

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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				Length (mi)	KW		
PL.37865	PL.37840	A	2ACSR	7.34Y	122.4	0.01	3.62	11.46	7	77	33	92	0.01	0.0	3.309	0.026	0	0	0	25
PD.6253	PL.37865	A	50E	7.34Y	122.4	0.00	3.62	11.46	23	77	33	92	0.00	0.0	3.309	0.000	0	0	0	25
PL.37866	PD.6253	A	2ACSR	7.34Y	122.3	0.05	3.67	11.46	7	77	33	92	0.03	0.0	3.438	0.128	0	0	0	25
PL.37848	PL.37866	A	2ACSR	7.34Y	122.3	0.03	3.71	10.59	7	71	31	92	0.02	0.0	3.535	0.098	0	0	0	24
PL.37867	PL.37848	A	2ACSR	7.34Y	122.3	0.02	3.73	9.40	6	63	27	92	0.01	0.0	3.591	0.055	0	0	0	23
081206	PL.37867	A	Consumer	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	3.591	0.000	0	0	1	1
PL.37868	PL.37867	A	2ACSR	7.34Y	122.3	0.00	3.73	9.40	6	63	27	92	0.00	0.0	3.597	0.007	0	0	0	22
PL.37870	PL.37868	A	2ACSR	7.34Y	122.3	0.00	3.73	9.40	6	63	27	92	0.00	0.0	3.609	0.012	0	0	0	22
PL.37871	PL.37870	A	2ACSR	7.34Y	122.3	0.01	3.75	7.04	5	47	21	91	0.00	0.0	3.667	0.058	0	0	0	16
PL.37834	PL.37871	A	2ACSR	7.33Y	122.2	0.01	3.75	7.04	5	47	21	91	0.00	0.0	3.695	0.028	0	0	0	16
PD.6245-A	PL.37834	A	Closed	7.33Y	122.2	0.00	3.75	7.04	0	47	21	91	0.00	0.0	3.695	0.000	0	0	0	16
PD.6245-B	PD.6245-A	A	Closed	7.33Y	122.2	0.00	3.75	7.04	0	47	21	91	0.00	0.0	3.695	0.000	0	0	0	16
PL.28635	PD.6245-B	A	4ACSR	7.33Y	122.2	0.04	3.79	7.04	6	47	21	91	0.01	0.0	3.809	0.114	0	0	0	16
PL.24482	PL.28635	A	4ACSR	7.33Y	122.2	0.00	3.79	1.28	1	9	4	91	0.00	0.0	3.860	0.051	0	0	0	2
081217	PL.24482	A	Consumer	7.33Y	122.2	0.00	3.79	0.61	0	4	2	89	0.00	0.0	3.860	0.000	4	2	1	1
081221	PL.24482	A	Consumer	7.33Y	122.2	0.00	3.79	0.67	0	5	2	93	0.00	0.0	3.860	0.000	5	2	1	1
081229	PL.28635	A	Consumer	7.33Y	122.2	0.00	3.79	0.54	0	4	2	89	0.00	0.0	3.809	0.000	4	2	1	1
PL.8320	PL.28635	A	4ACSR	7.33Y	122.2	0.04	3.83	5.22	4	35	15	92	0.01	0.0	3.983	0.174	0	0	0	13
PL.8318	PL.8320	A	4ACSR	7.33Y	122.2	0.02	3.85	5.18	4	35	15	92	0.00	0.0	4.050	0.067	0	0	0	12
PL.24485	PL.8318	A	4ACSR	7.33Y	122.2	0.00	3.85	0.51	0	3	1	95	0.00	0.0	4.152	0.102	0	0	0	2
081207	PL.24485	A	Consumer	7.33Y	122.2	0.00	3.85	0.22	0	1	1	71	0.00	0.0	4.152	0.000	1	1	1	1
081215	PL.24485	A	Consumer	7.33Y	122.2	0.00	3.85	0.29	0	2	1	89	0.00	0.0	4.152	0.000	2	1	1	1
081230	PL.8318	A	Consumer	7.33Y	122.2	0.00	3.85	0.53	0	4	2	89	0.00	0.0	4.050	0.000	4	2	1	1
081232	PL.8318	A	Consumer	7.33Y	122.2	0.00	3.85	0.67	0	5	2	93	0.00	0.0	4.050	0.000	5	2	1	1
PL.8347	PL.8318	A	4ACSR	7.33Y	122.1	0.00	3.85	3.47	3	23	10	92	0.00	0.0	4.079	0.030	0	0	0	8
PL.15982	PL.8347	A	4ACSR	7.33Y	122.1	0.00	3.86	1.35	1	9	4	91	0.00	0.0	4.147	0.068	0	0	0	6
PD.573-A	PL.15982	A	Closed	7.33Y	122.1	0.00	3.86	1.35	0	9	4	91	0.00	0.0	4.147	0.000	0	0	0	6
PD.573-B	PD.573-A	A	Closed	7.33Y	122.1	0.00	3.86	1.35	0	9	4	91	0.00	0.0	4.147	0.000	0	0	0	6
PL.15983	PD.573-B	A	4ACSR	7.33Y	122.1	0.00	3.86	1.35	1	9	4	91	0.00	0.0	4.161	0.014	0	0	0	6
081225	PL.15983	A	Consumer	7.33Y	122.1	0.00	3.86	0.55	0	4	2	89	0.00	0.0	4.161	0.000	4	2	1	1
081208	PL.15983	A	Consumer	7.33Y	122.1	0.00	3.86	0.00	0	0	0	100	0.00	0.0	4.161	0.000	0	0	0	0
081210	PL.15983	A	Consumer	7.33Y	122.1	0.00	3.86	0.49	0	3	1	95	0.00	0.0	4.161	0.000	3	1	1	1
PL.8349	PL.15983	A	4ACSR	7.33Y	122.1	0.00	3.86	0.07	0	0	0	100	0.00	0.0	4.688	0.527	0	0	0	1
PL.7633	PL.8349	A	4ACSR	7.33Y	122.1	0.00	3.86	0.07	0	0	0	100	0.00	0.0	4.783	0.096	0	0	0	1
080205	PL.7633	A	Consumer	7.33Y	122.1	0.00	3.86	0.07	0	0	0	100	0.00	0.0	4.783	0.000	0	0	1	1
PL.24489	PL.15983	A	4ACSR	7.33Y	122.1	0.00	3.86	0.24	0	2	1	89	0.00	0.0	4.228	0.067	0	0	0	3
PL.8348	PL.24489	A	4ACSR	7.33Y	122.1	0.00	3.86	0.24	0	2	1	89	0.00	0.0	4.306	0.079	0	0	0	3
PL.14125	PL.8348	A	4ACSR	7.33Y	122.1	0.00	3.86	0.05	0	0	0	100	0.00	0.0	4.438	0.131	0	0	0	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
081203	PL.14125	A	Consumer	7.33Y	122.1	0.00	3.86	0.05	0	0	0	100	0.00	0.0	4.438	0.000	0	0	1	1
PL.14126	PL.14125	A	4ACSR	7.33Y	122.1	0.00	3.86	0.00	0	0	0	100	0.00	0.0	4.577	0.140	0	0	0	0
PL.14127	PL.14126	A	4ACSR	7.33Y	122.1	0.00	3.86	0.00	0	0	0	100	0.00	0.0	4.659	0.082	0	0	0	0
081235	PL.8348	A	Consumer	7.33Y	122.1	0.00	3.86	0.00	0	0	0	100	0.00	0.0	4.306	0.000	0	0	1	1
081204	PL.8348	A	Consumer	7.33Y	122.1	0.00	3.86	0.18	0	1	1	71	0.00	0.0	4.306	0.000	1	1	1	1
081216	PL.8347	A	Consumer	7.33Y	122.1	0.00	3.85	1.91	0	13	6	91	0.00	0.0	4.079	0.000	13	6	1	1
081224	PL.8347	A	Consumer	7.33Y	122.1	0.00	3.85	0.21	0	1	1	71	0.00	0.0	4.079	0.000	1	1	1	1
081212	PL.8320	A	Consumer	7.33Y	122.2	0.00	3.83	0.04	0	0	0	100	0.00	0.0	3.983	0.000	0	0	1	1
PL.37872	PL.37870	A	2ACSR	7.34Y	122.3	0.00	3.73	2.36	2	16	7	92	0.00	0.0	3.615	0.005	0	0	0	6
PD.6254	PL.37872	A	fuse6AMP	7.34Y	122.3	0.00	3.73	2.36	40	16	7	92	0.00	0.0	3.615	0.000	0	0	0	6
PL.37873	PD.6254	A	2ACSR	7.34Y	122.3	0.00	3.73	2.36	2	16	7	92	0.00	0.0	3.631	0.016	0	0	0	6
PL.18709	PL.37873	A	4ACSR	7.34Y	122.3	0.00	3.74	1.84	2	12	5	92	0.00	0.0	3.663	0.031	0	0	0	5
PL.19461	PL.18709	A	4ACSR	7.34Y	122.3	0.00	3.74	1.14	1	8	3	94	0.00	0.0	3.691	0.028	0	0	0	3
081219	PL.19461	A	Consumer	7.34Y	122.3	0.00	3.74	0.43	0	3	1	95	0.00	0.0	3.691	0.000	3	1	1	1
PL.19462	PL.19461	A	4ACSR	7.34Y	122.3	0.00	3.74	0.71	1	5	2	93	0.00	0.0	3.726	0.035	0	0	0	2
081220	PL.19462	A	Consumer	7.34Y	122.3	0.00	3.74	0.22	0	1	1	71	0.00	0.0	3.726	0.000	1	1	1	1
081222	PL.19462	A	Consumer	7.34Y	122.3	0.00	3.74	0.49	0	3	1	95	0.00	0.0	3.726	0.000	3	1	1	1
081223	PL.18709	A	Consumer	7.34Y	122.3	0.00	3.74	0.43	0	3	1	95	0.00	0.0	3.663	0.000	3	1	1	1
PL.24235	PL.18709	A	4ACSR	7.34Y	122.3	0.00	3.74	0.28	0	2	1	89	0.00	0.0	3.691	0.028	0	0	0	1
081234	PL.24235	A	Consumer	7.34Y	122.3	0.00	3.74	0.28	0	2	1	89	0.00	0.0	3.691	0.000	2	1	1	1
081231	PL.37873	A	Consumer	7.34Y	122.3	0.00	3.73	0.52	0	3	2	83	0.00	0.0	3.631	0.000	3	2	1	1
PL.37852	PL.37848	A	2ACSR	7.34Y	122.3	0.00	3.71	1.19	1	8	3	94	0.00	0.0	3.541	0.005	0	0	0	1
PD.6250	PL.37852	A	fuse6AMP	7.34Y	122.3	0.00	3.71	1.19	20	8	3	94	0.00	0.0	3.541	0.000	0	0	0	1
PL.37853	PD.6250	A	2ACSR	7.34Y	122.3	0.00	3.71	1.19	1	8	3	94	0.00	0.0	3.600	0.059	0	0	0	1
071934	PL.37853	A	Consumer	7.34Y	122.3	0.00	3.71	1.19	0	8	3	94	0.00	0.0	3.600	0.000	8	3	1	1
PL.37850	PL.37866	A	2ACSR	7.34Y	122.3	0.00	3.67	0.87	1	6	3	89	0.00	0.0	3.445	0.007	0	0	0	1
PD.6249	PL.37850	A	fuse6AMP	7.34Y	122.3	0.00	3.67	0.87	15	6	3	89	0.00	0.0	3.445	0.000	0	0	0	1
PL.37851	PD.6249	A	2ACSR	7.34Y	122.3	0.00	3.68	0.87	1	6	3	89	0.00	0.0	3.517	0.072	0	0	0	1
071940	PL.37851	A	Consumer	7.34Y	122.3	0.00	3.68	0.87	0	6	3	89	0.00	0.0	3.517	0.000	6	3	1	1
PL.37842	PL.37840	A	2ACSR	7.34Y	122.4	0.00	3.61	0.72	0	5	2	93	0.00	0.0	3.291	0.008	0	0	0	1
PD.6248	PL.37842	A	fuse6AMP	7.34Y	122.4	0.00	3.61	0.72	12	5	2	93	0.00	0.0	3.291	0.000	0	0	0	1
PL.37843	PD.6248	A	2ACSR	7.34Y	122.4	0.00	3.62	0.72	0	5	2	93	0.00	0.0	3.322	0.030	0	0	0	1
071954	PL.37843	A	Consumer	7.34Y	122.4	0.00	3.62	0.72	0	5	2	93	0.00	0.0	3.322	0.000	5	2	1	1
PL.37830	PL.37824	A	2ACSR	7.34Y	122.4	0.00	3.59	0.63	0	4	2	89	0.00	0.0	3.216	0.010	0	0	0	1
PD.6244	PL.37830	A	fuse6AMP	7.34Y	122.4	0.00	3.59	0.63	11	4	2	89	0.00	0.0	3.216	0.000	0	0	0	1
PL.37831	PD.6244	A	2ACSR	7.34Y	122.4	0.00	3.59	0.63	0	4	2	89	0.00	0.0	3.264	0.048	0	0	0	1
071960	PL.37831	A	Consumer	7.34Y	122.4	0.00	3.59	0.63	0	4	2	89	0.00	0.0	3.264	0.000	4	2	1	1
PL.37803	PL.37793	C	2ACSR	7.41Y	123.5	0.00	2.52	2.42	2	16	7	92	0.00	0.0	2.763	0.010	0	0	0	3

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.6238	PL.37803	C	fuse6AMP	7.41Y	123.5	0.00	2.52	2.42	41	16	7	92	0.00	0.0	2.763	0.000	0	0	0	3
PL.45830	PD.6238	C	2ACSR	7.41Y	123.5	0.00	2.52	2.42	2	16	7	92	0.00	0.0	2.808	0.045	0	0	0	3
PL.45831	PL.45830	C	2ACSR	7.41Y	123.5	0.00	2.53	1.63	1	11	5	91	0.00	0.0	2.834	0.026	0	0	0	2
PL.13998	PL.45831	C	4ACSR	7.41Y	123.5	0.00	2.53	1.63	1	11	5	91	0.00	0.0	2.872	0.038	0	0	0	2
071914	PL.13998	C	Consumer	7.41Y	123.5	0.00	2.53	0.71	0	5	2	93	0.00	0.0	2.872	0.000	5	2	1	1
071921	PL.13998	C	Consumer	7.41Y	123.5	0.00	2.53	0.92	0	6	3	89	0.00	0.0	2.872	0.000	6	3	1	1
PL.45829	PL.45830	C	2ACSR	7.41Y	123.5	0.00	2.53	0.78	1	5	2	93	0.00	0.0	2.845	0.037	0	0	0	1
071915	PL.45829	C	Consumer	7.41Y	123.5	0.00	2.53	0.78	0	5	2	93	0.00	0.0	2.845	0.000	5	2	1	1
0719070	PL.45829	C	Consumer	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	2.845	0.000	0	0	0	0
071927	PL.37793	B	Consumer	7.40Y	123.4	0.00	2.62	0.43	0	3	1	95	0.00	0.0	2.752	0.000	3	1	1	1
PL.37781	PL.37785	A	2ACSR	7.34Y	122.4	0.00	3.63	0.05	0	0	0	100	0.00	0.0	2.595	0.005	0	0	0	2
PD.6232	PL.37781	A	fuse6AMP	7.34Y	122.4	0.00	3.63	0.05	1	0	0	100	0.00	0.0	2.595	0.000	0	0	0	2
PL.37782	PD.6232	A	2ACSR	7.34Y	122.4	0.00	3.63	0.05	0	0	0	100	0.00	0.0	2.609	0.014	0	0	0	2
PL.24170	PL.37782	A	4ACSR	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.636	0.028	0	0	0	1
PL.24167	PL.24170	A	4ACSR	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.652	0.016	0	0	0	1
PL.19359	PL.24167	A	4ACSR	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.687	0.035	0	0	0	1
PL.19360	PL.19359	A	4ACSR	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.710	0.023	0	0	0	1
PL.25217	PL.19360	A	4ACSR	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.721	0.012	0	0	0	0
PL.25215	PL.25217	A	4ACSR	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.734	0.013	0	0	0	0
PL.25216	PL.25215	A	4ACSR	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.746	0.011	0	0	0	0
PL.25220	PL.25216	A	4ACSR	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.762	0.016	0	0	0	0
PL.25221	PL.25220	A	4ACSR	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.778	0.016	0	0	0	0
071911	PL.19360	A	Consumer	7.34Y	122.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	2.710	0.000	0	0	1	1
071909	PL.37782	A	Consumer	7.34Y	122.4	0.00	3.63	0.05	0	0	0	100	0.00	0.0	2.609	0.000	0	0	1	1
PL.37796	PL.37885	A	2ACSR	7.34Y	122.3	0.00	3.67	4.48	3	30	13	92	0.00	0.0	2.349	0.002	0	0	0	2
PD.6236	PL.37796	A	fuse6AMP	7.34Y	122.3	0.00	3.67	4.48	76	30	13	92	0.00	0.0	2.349	0.000	0	0	0	2
PL.37795	PD.6236	A	2ACSR	7.34Y	122.3	0.00	3.67	4.48	3	30	13	92	0.00	0.0	2.351	0.002	0	0	0	2
PL.37737	PL.37795	A	4ACSR	7.34Y	122.3	0.01	3.68	4.48	4	30	13	92	0.00	0.0	2.384	0.032	0	0	0	2
071935	PL.37737	A	Consumer	7.34Y	122.3	0.00	3.68	1.69	0	11	5	91	0.00	0.0	2.384	0.000	11	5	1	1
PL.24163	PL.37737	A	4ACSR	7.34Y	122.3	0.00	3.68	2.79	2	19	8	92	0.00	0.0	2.415	0.031	0	0	0	1
PL.24164	PL.24163	A	4ACSR	7.34Y	122.3	0.00	3.69	2.79	2	19	8	92	0.00	0.0	2.440	0.025	0	0	0	1
071946	PL.24164	A	Consumer	7.34Y	122.3	0.00	3.69	2.79	0	19	8	92	0.00	0.0	2.440	0.000	19	8	1	1
PL.45993	PL.38104	A	397ACSR	7.33Y	122.2	0.06	3.75	140.36	29	991	280	96	0.54	0.0	2.144	0.040	0	0	0	138
		B		7.40Y	123.3	0.05	2.66	168.53	34	1194	361	96					0	0	0	239
		C		7.43Y	123.9	-0.01	2.09	72.21	15	533	64	99					0	0	0	33
PD.8700-A	PL.45993	A	Closed	7.33Y	122.2	0.00	3.75	140.36	0	991	280	96	0.00	0.0	2.144	0.000	0	0	0	138
		B		7.40Y	123.3	0.00	2.66	168.53	0	1194	361	96					0	0	0	239
		C		7.43Y	123.9	0.00	2.09	72.21	0	533	64	99					0	0	0	33
PD.8700-B	PD.8700-A	A	Closed	7.33Y	122.2	0.00	3.75	140.36	0	991	280	96	0.00	0.0	2.144	0.000	0	0	0	138
		B		7.40Y	123.3	0.00	2.66	168.53	0	1194	361	96					0	0	0	239
		C		7.43Y	123.9	0.00	2.09	72.21	0	533	64	99					0	0	0	33

Unbalanced Voltage Drop Report
Source: STANTON

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.45994, P CP.36, PL.19858, 071879, PL.7629, PL.7630, 071836, 071806, 0718140, 071826, PL.21228, PL.21617, PL.17519, PD.3626, PL.17520, PL.20939, PL.4530, 071855, PL.17524, PD.3227, PL.17525, 070869, PL.20940, PL.13903, PL.13902, 071864, 071865, PL.27294, PD.3627, PL.27295, PL.34745, PL.34746.

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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
0718145	PL.34746	B	Consumer	7.35Y	122.4	0.00	3.56	0.46	0	3	1	95	0.00	0.0	2.726	0.000	3	1	1	1
070871	PL.34746	B	Consumer	7.35Y	122.4	0.00	3.56	0.17	0	1	1	71	0.00	0.0	2.726	0.000	1	1	1	1
PL.7623	PL.34746	B	4ACSR	7.35Y	122.4	0.00	3.56	1.83	2	12	5	92	0.00	0.0	2.748	0.022	0	0	0	4
070857	PL.7623	B	Consumer	7.35Y	122.4	0.00	3.56	0.62	0	4	2	89	0.00	0.0	2.748	0.000	4	2	1	1
070858	PL.7623	B	Consumer	7.35Y	122.4	0.00	3.56	0.40	0	3	1	95	0.00	0.0	2.748	0.000	3	1	1	1
PL.4666	PL.7623	B	4ACSR	7.35Y	122.4	0.00	3.56	0.81	1	5	2	93	0.00	0.0	2.773	0.024	0	0	0	2
0718143	PL.4666	B	Consumer	7.35Y	122.4	0.00	3.56	0.59	0	4	2	89	0.00	0.0	2.773	0.000	4	2	1	1
0718144	PL.4666	B	Consumer	7.35Y	122.4	0.00	3.56	0.22	0	1	1	71	0.00	0.0	2.773	0.000	1	1	1	1
PL.13904	PL.27295	B	4ACSR	7.35Y	122.4	0.02	3.58	7.39	6	50	22	92	0.01	0.0	2.754	0.054	0	0	0	16
070841	PL.13904	B	Consumer	7.35Y	122.4	0.00	3.58	0.62	0	4	2	89	0.00	0.0	2.754	0.000	4	2	1	1
PL.25228	PL.13904	B	4ACSR	7.34Y	122.4	0.02	3.59	6.78	6	46	20	92	0.01	0.0	2.809	0.056	0	0	0	15
PL.25231	PL.25228	B	4ACSR	7.34Y	122.4	0.05	3.64	6.29	5	42	18	92	0.02	0.0	2.972	0.162	0	0	0	14
070839	PL.25231	B	Consumer	7.34Y	122.4	0.00	3.64	0.69	0	5	2	93	0.00	0.0	2.972	0.000	5	2	1	1
070851	PL.25231	B	Consumer	7.34Y	122.4	0.00	3.64	0.62	0	4	2	89	0.00	0.0	2.972	0.000	4	2	1	1
070840	PL.25231	B	Consumer	7.34Y	122.4	0.00	3.64	0.00	0	0	0	100	0.00	0.0	2.972	0.000	0	0	0	0
PL.13905	PL.25231	B	4ACSR	7.34Y	122.3	0.01	3.65	4.98	4	34	15	91	0.00	0.0	3.020	0.048	0	0	0	12
PL.13906	PL.13905	B	4ACSR	7.34Y	122.3	0.01	3.66	3.15	3	21	9	92	0.00	0.0	3.091	0.072	0	0	0	6
070846	PL.13906	B	Consumer	7.34Y	122.3	0.00	3.66	0.09	0	1	0	100	0.00	0.0	3.091	0.000	1	0	1	1
PL.13907	PL.13906	B	4ACSR	7.34Y	122.3	0.00	3.67	3.06	3	21	9	92	0.00	0.0	3.111	0.020	0	0	0	5
PL.13908	PL.13907	B	4ACSR	7.34Y	122.3	0.00	3.67	2.42	2	16	7	92	0.00	0.0	3.134	0.022	0	0	0	3
0708077	PL.13908	B	Consumer	7.34Y	122.3	0.00	3.67	0.00	0	0	0	100	0.00	0.0	3.134	0.000	0	0	0	0
PL.43768	PL.13908	B	4ACSR	7.34Y	122.3	0.00	3.67	2.42	2	16	7	92	0.00	0.0	3.166	0.033	0	0	0	3
PL.43771	PL.43768	B	4ACSR	7.34Y	122.3	0.00	3.67	0.89	1	6	3	89	0.00	0.0	3.171	0.005	0	0	0	1
PD.4948	PL.43771	B	fuse6AMP	7.34Y	122.3	0.00	3.67	0.89	15	6	3	89	0.00	0.0	3.171	0.000	0	0	0	1
PL.43770	PD.4948	B	4ACSR	7.34Y	122.3	0.00	3.67	0.89	1	6	3	89	0.00	0.0	3.207	0.037	0	0	0	1
070860	PL.43770	B	Consumer	7.34Y	122.3	0.00	3.67	0.89	0	6	3	89	0.00	0.0	3.207	0.000	6	3	1	1
PL.43769	PL.43768	B	4ACSR	7.34Y	122.3	0.01	3.68	1.53	1	10	4	93	0.00	0.0	3.353	0.187	0	0	0	2
070848	PL.43769	B	Consumer	7.34Y	122.3	0.00	3.68	0.01	0	0	0	100	0.00	0.0	3.353	0.000	0	0	1	1
070847	PL.43769	B	Consumer	7.34Y	122.3	0.00	3.68	1.52	0	10	4	93	0.00	0.0	3.353	0.000	10	4	1	1
070868	PL.13907	B	Consumer	7.34Y	122.3	0.00	3.67	0.48	0	3	1	95	0.00	0.0	3.111	0.000	3	1	1	1
070874	PL.13907	B	Consumer	7.34Y	122.3	0.00	3.67	0.16	0	1	0	100	0.00	0.0	3.111	0.000	1	0	1	1
PL.34747	PL.13905	B	4ACSR	7.34Y	122.3	0.00	3.65	1.83	2	12	5	92	0.00	0.0	3.026	0.006	0	0	0	6
PD.4947	PL.34747	B	fuse6AMP	7.34Y	122.3	0.00	3.65	1.83	31	12	5	92	0.00	0.0	3.026	0.000	0	0	0	6
PL.34748	PD.4947	B	4ACSR	7.34Y	122.3	0.00	3.65	1.83	2	12	5	92	0.00	0.0	3.044	0.019	0	0	0	6
PL.4531	PL.34748	B	4ACSR	7.34Y	122.3	0.00	3.66	0.69	1	5	2	93	0.00	0.0	3.095	0.051	0	0	0	2
PL.4532	PL.4531	B	4ACSR	7.34Y	122.3	0.00	3.66	0.69	1	5	2	93	0.00	0.0	3.170	0.075	0	0	0	2
070862	PL.4532	B	Consumer	7.34Y	122.3	0.00	3.66	0.02	0	0	0	100	0.00	0.0	3.170	0.000	0	0	1	1
070853	PL.4532	B	Consumer	7.34Y	122.3	0.00	3.66	0.66	0	4	2	89	0.00	0.0	3.170	0.000	4	2	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
070866	PL.34748	B	Consumer	7.34Y	122.3	0.00	3.65	0.01	0	0	0	100	0.00	0.0	3.044	0.000	0	0	1	1
070844	PL.34748	B	Consumer	7.34Y	122.3	0.00	3.65	0.63	0	4	2	89	0.00	0.0	3.044	0.000	4	2	1	1
PL.23577	PL.34748	B	4ACSR	7.34Y	122.3	0.00	3.66	0.50	0	3	1	95	0.00	0.0	3.102	0.058	0	0	0	2
0708076	PL.23577	B	Consumer	7.34Y	122.3	0.00	3.66	0.00	0	0	0	100	0.00	0.0	3.102	0.000	0	0	1	1
070845	PL.23577	B	Consumer	7.34Y	122.3	0.00	3.66	0.50	0	3	1	95	0.00	0.0	3.102	0.000	3	1	1	1
070854	PL.25228	B	Consumer	7.34Y	122.4	0.00	3.59	0.49	0	3	1	95	0.00	0.0	2.809	0.000	3	1	1	1
PL.7631	PL.13902	B	4ACSR	7.34Y	122.4	0.09	3.62	32.09	27	216	94	92	0.14	0.1	2.704	0.059	0	0	0	71
0718141	PL.7631	B	Consumer	7.34Y	122.4	0.00	3.62	0.36	0	2	1	89	0.00	0.0	2.704	0.000	2	1	1	1
PL.7632	PL.7631	B	4ACSR	7.34Y	122.3	0.07	3.69	31.73	27	214	93	92	0.11	0.1	2.749	0.045	0	0	0	70
PL.7626	PL.7632	B	4ACSR	7.33Y	122.2	0.09	3.77	30.38	26	204	89	92	0.13	0.1	2.810	0.061	0	0	0	67
071804	PL.7626	B	Consumer	7.33Y	122.2	0.00	3.77	0.25	0	2	1	89	0.00	0.0	2.810	0.000	2	1	1	1
PL.34829	PL.7626	B	4ACSR	7.32Y	122.1	0.15	3.92	30.13	25	202	88	92	0.23	0.1	2.918	0.107	0	0	0	66
PD.4968-A	PL.34829	B	Closed	7.32Y	122.1	0.00	3.92	30.13	0	202	88	92	0.00	0.0	2.918	0.000	0	0	0	66
PD.4968-B	PD.4968-A	B	Closed	7.32Y	122.1	0.00	3.92	30.13	0	202	88	92	0.00	0.0	2.918	0.000	0	0	0	66
PL.34830	PD.4968-B	B	4ACSR	7.32Y	122.0	0.04	3.96	30.13	25	202	88	92	0.06	0.0	2.947	0.030	0	0	0	66
PL.13911	PL.34830	B	4ACSR	7.32Y	121.9	0.09	4.05	27.33	23	184	80	92	0.13	0.1	3.018	0.071	0	0	0	62
071849	PL.13911	B	Consumer	7.32Y	121.9	0.00	4.05	0.59	0	4	2	89	0.00	0.0	3.018	0.000	4	2	1	1
071803	PL.13911	B	Consumer	7.32Y	121.9	0.00	4.05	0.34	0	2	1	89	0.00	0.0	3.018	0.000	2	1	1	1
PL.13912	PL.13911	B	4ACSR	7.31Y	121.8	0.13	4.18	26.40	22	177	77	92	0.18	0.1	3.127	0.109	0	0	0	60
PL.13913	PL.13912	B	4ACSR	7.30Y	121.7	0.16	4.35	26.20	22	176	76	92	0.22	0.1	3.262	0.135	0	0	0	59
PL.25227	PL.13913	B	4ACSR	7.29Y	121.6	0.07	4.42	26.20	22	175	76	92	0.10	0.1	3.323	0.061	0	0	0	59
PL.8076	PL.25227	B	4ACSR	7.28Y	121.4	0.17	4.59	26.20	22	175	76	92	0.23	0.1	3.463	0.140	0	0	0	59
070707	PL.8076	B	Consumer	7.28Y	121.4	0.00	4.59	0.42	0	3	1	95	0.00	0.0	3.463	0.000	3	1	1	1
PL.8077	PL.8076	B	4ACSR	7.27Y	121.2	0.22	4.81	25.78	22	172	75	92	0.29	0.2	3.645	0.183	0	0	0	58
PL.15858	PL.8077	B	4ACSR	7.27Y	121.2	0.00	4.81	0.80	1	5	2	93	0.00	0.0	3.651	0.006	0	0	0	4
PD.3211	PL.15858	B	fuse6AMP	7.27Y	121.2	0.00	4.81	0.80	14	5	2	93	0.00	0.0	3.651	0.000	0	0	0	4
PL.15859	PD.3211	B	4ACSR	7.27Y	121.2	0.00	4.81	0.80	1	5	2	93	0.00	0.0	3.693	0.042	0	0	0	4
PL.8082	PL.15859	B	4ACSR	7.27Y	121.2	0.00	4.81	0.80	1	5	2	93	0.00	0.0	3.710	0.016	0	0	0	3
PL.4563	PL.8082	B	4ACSR	7.27Y	121.2	0.00	4.81	0.80	1	5	2	93	0.00	0.0	3.761	0.051	0	0	0	3
PL.4564	PL.4563	B	4ACSR	7.27Y	121.2	0.00	4.81	0.80	1	5	2	93	0.00	0.0	3.793	0.032	0	0	0	3
PL.4565	PL.4564	B	4ACSR	7.27Y	121.2	0.00	4.81	0.80	1	5	2	93	0.00	0.0	3.860	0.067	0	0	0	3
PL.4570	PL.4565	B	4ACSR	7.27Y	121.2	0.00	4.81	0.30	0	2	1	89	0.00	0.0	3.890	0.029	0	0	0	1
PL.4571	PL.4570	B	4ACSR	7.27Y	121.2	0.00	4.81	0.00	0	0	0	100	0.00	0.0	3.923	0.034	0	0	0	0
PL.4572	PL.4571	B	4ACSR	7.27Y	121.2	0.00	4.81	0.00	0	0	0	100	0.00	0.0	3.977	0.054	0	0	0	0
070712	PL.4572	B	Consumer	7.27Y	121.2	0.00	4.81	0.00	0	0	0	100	0.00	0.0	3.977	0.000	0	0	0	0
PL.4325	PL.4570	B	4ACSR	7.27Y	121.2	0.00	4.82	0.30	0	2	1	89	0.00	0.0	3.913	0.023	0	0	0	1
070719	PL.4325	B	Consumer	7.27Y	121.2	0.00	4.82	0.30	0	2	1	89	0.00	0.0	3.913	0.000	2	1	1	1
PL.4568	PL.4565	B	4ACSR	7.27Y	121.2	0.00	4.82	0.50	0	3	1	95	0.00	0.0	3.936	0.076	0	0	0	2

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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.4569	PL.4568	B	4ACSR	7.27Y	121.2	0.00	4.82	0.50	0	3	1	95	0.00	0.0	3.961	0.025	0	0	0	2
070714	PL.4569	B	Consumer	7.27Y	121.2	0.00	4.82	0.11	0	1	0	100	0.00	0.0	3.961	0.000	1	0	1	1
070711	PL.4569	B	Consumer	7.27Y	121.2	0.00	4.82	0.39	0	3	1	95	0.00	0.0	3.961	0.000	3	1	1	1
070706	PL.15859	B	Consumer	7.27Y	121.2	0.00	4.81	0.00	0	0	0	100	0.00	0.0	3.693	0.000	0	0	1	1
PL.15856	PL.8077	B	4ACSR	7.27Y	121.2	0.01	4.81	24.98	21	167	72	92	0.01	0.0	3.651	0.006	0	0	0	54
PD.3621	PL.15856	B	35V4E	7.27Y	121.2	0.00	4.81	24.98	71	167	72	92	0.00	0.0	3.651	0.000	0	0	0	54
PL.15857	PD.3621	B	4ACSR	7.27Y	121.1	0.06	4.87	24.98	21	167	72	92	0.07	0.0	3.700	0.048	0	0	0	54
PL.13914	PL.15857	B	4ACSR	7.26Y	121.0	0.12	4.99	24.23	20	162	70	92	0.15	0.1	3.807	0.108	0	0	0	53
070705	PL.13914	B	Consumer	7.26Y	121.0	0.00	4.99	0.20	0	1	1	71	0.00	0.0	3.807	0.000	1	1	1	1
PL.13915	PL.13914	B	4ACSR	7.26Y	120.9	0.08	5.07	23.47	20	156	68	92	0.10	0.1	3.880	0.073	0	0	0	51
PL.8086	PL.13915	B	4ACSR	7.25Y	120.8	0.12	5.19	19.62	16	131	57	92	0.13	0.1	4.017	0.137	0	0	0	44
PL.8087	PL.8086	B	4ACSR	7.25Y	120.8	0.05	5.24	19.62	16	130	57	92	0.05	0.0	4.072	0.055	0	0	0	44
PL.5933	PL.8087	B	4ACSR	7.24Y	120.7	0.11	5.35	19.62	16	130	57	92	0.11	0.1	4.189	0.117	0	0	0	44
019704	PL.5933	B	Consumer	7.24Y	120.7	0.00	5.35	0.61	0	4	2	89	0.00	0.0	4.189	0.000	4	2	1	1
PL.13917	PL.5933	B	4ACSR	7.23Y	120.5	0.11	5.46	19.01	16	126	55	92	0.11	0.1	4.320	0.131	0	0	0	43
PL.13918	PL.13917	B	4ACSR	7.23Y	120.5	0.07	5.53	17.79	15	118	51	92	0.07	0.1	4.408	0.088	0	0	0	40
019702	PL.13918	B	Consumer	7.23Y	120.5	0.00	5.53	0.85	0	6	2	95	0.00	0.0	4.408	0.000	6	2	1	1
PL.34757	PL.13918	B	4ACSR	7.23Y	120.5	0.00	5.53	0.21	0	1	1	71	0.00	0.0	4.417	0.009	0	0	0	1
PD.4952	PL.34757	B	fuse6AMP	7.23Y	120.5	0.00	5.53	0.21	4	1	1	71	0.00	0.0	4.417	0.000	0	0	0	1
PL.34758	PD.4952	B	4ACSR	7.23Y	120.5	0.00	5.54	0.21	0	1	1	71	0.00	0.0	4.466	0.049	0	0	0	1
019705	PL.34758	B	Consumer	7.23Y	120.5	0.00	5.54	0.21	0	1	1	71	0.00	0.0	4.466	0.000	1	1	1	1
PL.13919	PL.13918	B	4ACSR	7.22Y	120.4	0.10	5.63	16.74	14	111	48	92	0.08	0.1	4.532	0.124	0	0	0	38
PL.33007	PL.13919	B	4ACSR	7.21Y	120.2	0.13	5.76	15.96	13	106	46	92	0.11	0.1	4.708	0.177	0	0	0	35
0187048	PL.33007	B	Consumer	7.21Y	120.2	0.00	5.76	1.17	0	8	3	94	0.00	0.0	4.708	0.000	8	3	1	1
0187049	PL.33007	B	Consumer	7.21Y	120.2	0.00	5.76	0.69	0	5	2	93	0.00	0.0	4.708	0.000	5	2	1	1
PL.33008	PL.33007	B	4ACSR	7.21Y	120.2	0.05	5.81	14.10	12	93	40	92	0.03	0.0	4.781	0.073	0	0	0	33
PL.5936	PL.33008	B	4ACSR	7.21Y	120.1	0.05	5.86	11.46	10	76	33	92	0.03	0.0	4.880	0.099	0	0	0	27
SRL.4732	PL.5936	B	Consumer	7.21Y	120.1	0.00	5.86	0.00	0	0	0	100	0.00	0.0	4.880	0.000	0	0	0	0
PL.17875	PL.5936	B	4ACSR	7.21Y	120.1	0.01	5.87	10.77	9	71	31	92	0.01	0.0	4.906	0.026	0	0	0	26
PD.137-A	PL.17875	B	Closed	7.21Y	120.1	0.00	5.87	10.77	0	71	31	92	0.00	0.0	4.906	0.000	0	0	0	26
PD.137-B	PD.137-A	B	Closed	7.21Y	120.1	0.00	5.87	10.77	0	71	31	92	0.00	0.0	4.906	0.000	0	0	0	26
PL.17876	PD.137-B	B	4ACSR	7.21Y	120.1	0.03	5.90	10.77	9	71	31	92	0.02	0.0	4.969	0.063	0	0	0	26
PL.34763	PL.17876	B	4ACSR	7.21Y	120.1	0.00	5.91	5.24	4	35	15	92	0.00	0.0	4.988	0.019	0	0	0	11
C PD.4955	PL.34763	B	fuse6AMP	7.21Y	120.1	0.00	5.91	5.24	90	35	15	92	0.00	0.0	4.988	0.000	0	0	0	11 C
PL.34766	PD.4955	B	4ACSR	7.21Y	120.1	0.00	5.91	5.24	4	35	15	92	0.00	0.0	4.992	0.004	0	0	0	11
PL.34767	PL.34766	B	4ACSR	7.21Y	120.1	0.00	5.91	4.94	4	33	14	92	0.00	0.0	5.011	0.019	0	0	0	10
018725	PL.34767	B	Consumer	7.21Y	120.1	0.00	5.91	0.59	0	4	2	89	0.00	0.0	5.011	0.000	4	2	1	1
PL.13921	PL.34767	B	4ACSR	7.20Y	120.1	0.01	5.93	3.95	3	26	11	92	0.00	0.0	5.087	0.076	0	0	0	8

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.13922	PL.13921	B	4ACSR	7.20Y	120.1	0.01	5.94	2.77	2	18	8	91	0.00	0.0	5.179	0.091	0	0	0	6
018706	PL.13922	B	Consumer	7.20Y	120.1	0.00	5.94	0.68	0	4	2	89	0.00	0.0	5.179	0.000	4	2	1	1
PL.13923	PL.13922	B	4ACSR	7.20Y	120.1	0.00	5.94	2.09	2	14	6	92	0.00	0.0	5.208	0.029	0	0	0	5
PL.433	PL.13923	B	4ACSR	7.20Y	120.1	0.00	5.94	0.84	1	6	2	95	0.00	0.0	5.247	0.039	0	0	0	1
018733	PL.433	B	Consumer	7.20Y	120.1	0.00	5.94	0.84	0	6	2	95	0.00	0.0	5.247	0.000	6	2	1	1
018728	PL.13923	B	Consumer	7.20Y	120.1	0.00	5.94	0.00	0	0	0	100	0.00	0.0	5.208	0.000	0	0	1	1
PL.13924	PL.13923	B	4ACSR	7.20Y	120.1	0.01	5.95	1.25	1	8	4	89	0.00	0.0	5.309	0.101	0	0	0	3
PL.43745	PL.13924	B	2ACSR	7.20Y	120.0	0.00	5.95	0.92	1	6	3	89	0.00	0.0	5.372	0.063	0	0	0	2
0187050	PL.43745	B	Consumer	7.20Y	120.0	0.00	5.95	0.35	0	2	1	89	0.00	0.0	5.372	0.000	2	1	1	1
PL.43747	PL.43745	B	2ACSR	7.20Y	120.0	0.00	5.95	0.58	0	4	2	89	0.00	0.0	5.497	0.125	0	0	0	1
0187053	PL.43747	B	Consumer	7.20Y	120.0	0.00	5.95	0.58	0	4	2	89	0.00	0.0	5.497	0.000	4	2	1	1
018730	PL.13924	B	Consumer	7.20Y	120.1	0.00	5.95	0.33	0	2	1	89	0.00	0.0	5.309	0.000	2	1	1	1
018739	PL.13921	B	Consumer	7.20Y	120.1	0.00	5.93	0.59	0	4	2	89	0.00	0.0	5.087	0.000	4	2	1	1
018712	PL.13921	B	Consumer	7.20Y	120.1	0.00	5.93	0.59	0	4	2	89	0.00	0.0	5.087	0.000	4	2	1	1
PL.5935	PL.34767	B	4ACSR	7.21Y	120.1	0.00	5.92	0.39	0	3	1	95	0.00	0.0	5.103	0.092	0	0	0	1
018735	PL.5935	B	Consumer	7.21Y	120.1	0.00	5.92	0.00	0	0	0	100	0.00	0.0	5.103	0.000	0	0	0	0
018731	PL.5935	B	Consumer	7.21Y	120.1	0.00	5.92	0.39	0	3	1	95	0.00	0.0	5.103	0.000	3	1	1	1
PL.34765	PL.34766	B	2ACSR	7.21Y	120.1	0.00	5.91	0.30	0	2	1	89	0.00	0.0	5.018	0.025	0	0	0	1
PL.34769	PL.34765	B	4ACSR	7.21Y	120.1	0.00	5.91	0.30	0	2	1	89	0.00	0.0	5.106	0.088	0	0	0	1
018701	PL.34769	B	Consumer	7.21Y	120.1	0.00	5.91	0.30	0	2	1	89	0.00	0.0	5.106	0.000	2	1	1	1
018721	PL.34769	B	Consumer	7.21Y	120.1	0.00	5.91	0.00	0	0	0	100	0.00	0.0	5.106	0.000	0	0	0	0
018746	PL.17876	B	Consumer	7.21Y	120.1	0.00	5.90	0.56	0	4	2	89	0.00	0.0	4.969	0.000	4	2	1	1
PL.5937	PL.17876	B	4ACSR	7.20Y	120.1	0.03	5.93	4.96	4	33	14	92	0.01	0.0	5.084	0.114	0	0	0	14
PL.5938	PL.5937	B	4ACSR	7.20Y	120.1	0.01	5.94	4.64	4	31	13	92	0.00	0.0	5.140	0.056	0	0	0	12
PL.13925	PL.5938	B	4ACSR	7.20Y	120.0	0.03	5.97	4.17	4	28	12	92	0.01	0.0	5.272	0.132	0	0	0	11
018711	PL.13925	B	Consumer	7.20Y	120.0	0.00	5.97	0.26	0	2	1	89	0.00	0.0	5.272	0.000	2	1	1	1
018726	PL.13925	B	Consumer	7.20Y	120.0	0.00	5.97	0.31	0	2	1	89	0.00	0.0	5.272	0.000	2	1	1	1
PL.13926	PL.13925	B	4ACSR	7.20Y	120.0	0.01	5.98	3.60	3	24	10	92	0.00	0.0	5.354	0.081	0	0	0	9
PL.5939	PL.13926	B	4ACSR	7.20Y	120.0	0.01	5.99	3.60	3	24	10	92	0.00	0.0	5.386	0.032	0	0	0	9
PL.5940	PL.5939	B	4ACSR	7.20Y	120.0	0.01	6.00	2.63	2	17	8	90	0.00	0.0	5.494	0.108	0	0	0	6
PL.17106	PL.5940	B	4ACSR	7.20Y	120.0	0.01	6.01	1.20	1	8	3	94	0.00	0.0	5.591	0.097	0	0	0	2
018738	PL.17106	B	Consumer	7.20Y	120.0	0.00	6.01	0.58	0	4	2	89	0.00	0.0	5.591	0.000	4	2	1	1
018736	PL.17106	B	Consumer	7.20Y	120.0	0.00	6.01	0.61	0	4	2	89	0.00	0.0	5.591	0.000	4	2	1	1
018729	PL.17106	B	Consumer	7.20Y	120.0	0.00	6.01	0.00	0	0	0	100	0.00	0.0	5.591	0.000	0	0	0	0
PL.30832	PL.17106	B	4ACSR	7.20Y	120.0	0.00	6.01	0.00	0	0	0	100	0.00	0.0	5.608	0.017	0	0	0	0
PD.138-B	PL.30832	B	Open	7.20Y	120.0	0.00	6.01	0.00	0	0	0	100	0.00	0.0	5.608	0.000	0	0	0	0
018718	PL.5940	B	Consumer	7.20Y	120.0	0.00	6.00	0.37	0	2	1	89	0.00	0.0	5.494	0.000	2	1	1	1
018719	PL.5940	B	Consumer	7.20Y	120.0	0.00	6.00	0.26	0	2	1	89	0.00	0.0	5.494	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	
018722	PL.5940	B	Consumer	7.20Y	120.0	0.00	6.00	0.33	0	2	1	89	0.00	0.0	5.494	0.000	2	1	1	1
018717	PL.5940	B	Consumer	7.20Y	120.0	0.00	6.00	0.47	0	3	1	95	0.00	0.0	5.494	0.000	3	1	1	1
018716	PL.5939	B	Consumer	7.20Y	120.0	0.00	5.99	0.00	0	0	0	100	0.00	0.0	5.386	0.000	0	0	1	1
018713	PL.5939	B	Consumer	7.20Y	120.0	0.00	5.99	0.47	0	3	1	95	0.00	0.0	5.386	0.000	3	1	1	1
018714	PL.5939	B	Consumer	7.20Y	120.0	0.00	5.99	0.50	0	3	1	95	0.00	0.0	5.386	0.000	3	1	1	1
018703	PL.5938	B	Consumer	7.20Y	120.1	0.00	5.94	0.47	0	3	1	95	0.00	0.0	5.140	0.000	3	1	1	1
018727	PL.5937	B	Consumer	7.20Y	120.1	0.00	5.93	0.01	0	0	0	100	0.00	0.0	5.084	0.000	0	0	1	1
018724	PL.5937	B	Consumer	7.20Y	120.1	0.00	5.93	0.31	0	2	1	89	0.00	0.0	5.084	0.000	2	1	1	1
PL.43746	PL.5936	B	2ACSR	7.21Y	120.1	0.00	5.86	0.70	0	5	2	93	0.00	0.0	4.960	0.080	0	0	0	1
0187052	PL.43746	B	Consumer	7.21Y	120.1	0.00	5.86	0.70	0	5	2	93	0.00	0.0	4.960	0.000	5	2	1	1
018707	PL.33008	B	Consumer	7.21Y	120.2	0.00	5.81	0.37	0	2	1	89	0.00	0.0	4.781	0.000	2	1	1	1
PL.34759	PL.33008	B	4ACSR	7.21Y	120.2	0.00	5.81	2.27	2	15	7	91	0.00	0.0	4.790	0.008	0	0	0	5
PD.4953	PL.34759	B	fuse6AMP	7.21Y	120.2	0.00	5.81	2.27	39	15	7	91	0.00	0.0	4.790	0.000	0	0	0	5
PL.34760	PD.4953	B	4ACSR	7.21Y	120.2	0.00	5.81	2.27	2	15	7	91	0.00	0.0	4.833	0.044	0	0	0	5
018741	PL.34760	B	Consumer	7.21Y	120.2	0.00	5.81	0.47	0	3	1	95	0.00	0.0	4.833	0.000	3	1	1	1
018747	PL.34760	B	Consumer	7.21Y	120.2	0.00	5.81	0.11	0	1	0	100	0.00	0.0	4.833	0.000	1	0	1	1
018709	PL.34760	B	Consumer	7.21Y	120.2	0.00	5.81	0.83	0	5	2	93	0.00	0.0	4.833	0.000	5	2	1	1
018737	PL.34760	B	Consumer	7.21Y	120.2	0.00	5.81	0.76	0	5	2	93	0.00	0.0	4.833	0.000	5	2	1	1
018740	PL.34760	B	Consumer	7.21Y	120.2	0.00	5.81	0.00	0	0	0	100	0.00	0.0	4.833	0.000	0	0	0	0
018744	PL.34760	B	Consumer	7.21Y	120.2	0.00	5.81	0.10	0	1	0	100	0.00	0.0	4.833	0.000	1	0	1	1
019703	PL.13919	B	Consumer	7.22Y	120.4	0.00	5.63	0.02	0	0	0	100	0.00	0.0	4.532	0.000	0	0	1	1
019701	PL.13919	B	Consumer	7.22Y	120.4	0.00	5.63	0.44	0	3	1	95	0.00	0.0	4.532	0.000	3	1	1	1
019707	PL.13919	B	Consumer	7.22Y	120.4	0.00	5.63	0.31	0	2	1	89	0.00	0.0	4.532	0.000	2	1	1	1
PL.34753	PL.13917	B	4ACSR	7.23Y	120.5	0.00	5.46	1.11	1	7	3	92	0.00	0.0	4.325	0.005	0	0	0	2
PD.4950	PL.34753	B	fuse6AMP	7.23Y	120.5	0.00	5.46	1.11	19	7	3	92	0.00	0.0	4.325	0.000	0	0	0	2
PL.34754	PD.4950	B	4ACSR	7.23Y	120.5	0.00	5.47	1.11	1	7	3	92	0.00	0.0	4.374	0.049	0	0	0	2
019708	PL.34754	B	Consumer	7.23Y	120.5	0.00	5.47	0.76	0	5	2	93	0.00	0.0	4.374	0.000	5	2	1	1
0197009	PL.34754	B	Consumer	7.23Y	120.5	0.00	5.47	0.35	0	2	1	89	0.00	0.0	4.374	0.000	2	1	1	1
PL.34755	PL.13917	B	4ACSR	7.23Y	120.5	0.00	5.46	0.10	0	1	0	100	0.00	0.0	4.332	0.012	0	0	0	1
PD.4951	PL.34755	B	fuse6AMP	7.23Y	120.5	0.00	5.46	0.10	2	1	0	100	0.00	0.0	4.332	0.000	0	0	0	1
PL.34756	PD.4951	B	4ACSR	7.23Y	120.5	0.00	5.46	0.10	0	1	0	100	0.00	0.0	4.380	0.048	0	0	0	1
019706	PL.34756	B	Consumer	7.23Y	120.5	0.00	5.46	0.10	0	1	0	100	0.00	0.0	4.380	0.000	1	0	1	1
PL.4573	PL.8087	B	4ACSR	7.25Y	120.8	0.00	5.24	0.00	0	0	0	100	0.00	0.0	4.072	0.000	0	0	0	0
PL.15854	PL.13915	B	4ACSR	7.26Y	120.9	0.00	5.07	3.85	3	26	11	92	0.00	0.0	3.885	0.005	0	0	0	7
PD.3210	PL.15854	B	fuse6AMP	7.26Y	120.9	0.00	5.07	3.85	66	26	11	92	0.00	0.0	3.885	0.000	0	0	0	7
PL.15855	PD.3210	B	4ACSR	7.25Y	120.9	0.02	5.09	3.85	3	26	11	92	0.00	0.0	3.979	0.093	0	0	0	7
PL.13916	PL.15855	B	4ACSR	7.25Y	120.9	0.03	5.11	3.85	3	26	11	92	0.01	0.0	4.127	0.148	0	0	0	7
070722	PL.13916	B	Consumer	7.25Y	120.9	0.00	5.11	0.59	0	4	2	89	0.00	0.0	4.127	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	
070720	PL.13916	B	Consumer	7.25Y	120.9	0.00	5.11	0.69	0	5	2	93	0.00	0.0	4.127	0.000	5	2	1	1
PL.4566	PL.13916	B	4ACSR	7.25Y	120.9	0.00	5.11	0.58	0	4	2	89	0.00	0.0	4.179	0.052	0	0	0	2
070710	PL.4566	B	Consumer	7.25Y	120.9	0.00	5.11	0.00	0	0	0	100	0.00	0.0	4.179	0.000	0	0	1	1
PL.4312	PL.4566	B	4ACSR	7.25Y	120.9	0.00	5.11	0.58	0	4	2	89	0.00	0.0	4.208	0.029	0	0	0	1
070718	PL.4312	B	Consumer	7.25Y	120.9	0.00	5.11	0.58	0	4	2	89	0.00	0.0	4.208	0.000	4	2	1	1
PL.7616	PL.13916	B	4ACSR	7.25Y	120.9	0.01	5.12	2.00	2	13	6	91	0.00	0.0	4.191	0.063	0	0	0	3
070713	PL.7616	B	Consumer	7.25Y	120.9	0.00	5.12	0.66	0	4	2	89	0.00	0.0	4.191	0.000	4	2	1	1
070709	PL.7616	B	Consumer	7.25Y	120.9	0.00	5.12	0.57	0	4	2	89	0.00	0.0	4.191	0.000	4	2	1	1
PL.8081	PL.7616	B	4ACSR	7.25Y	120.9	0.01	5.12	0.76	1	5	2	93	0.00	0.0	4.390	0.200	0	0	0	1
070717	PL.8081	B	Consumer	7.25Y	120.9	0.00	5.12	0.76	0	5	2	93	0.00	0.0	4.390	0.000	5	2	1	1
PL.34751	PL.13914	B	4ACSR	7.26Y	121.0	0.00	4.99	0.55	0	4	2	89	0.00	0.0	3.817	0.010	0	0	0	1
PD.4949	PL.34751	B	fuse6AMP	7.26Y	121.0	0.00	4.99	0.55	9	4	2	89	0.00	0.0	3.817	0.000	0	0	0	1
PL.34752	PD.4949	B	4ACSR	7.26Y	121.0	0.00	4.99	0.55	0	4	2	89	0.00	0.0	3.849	0.032	0	0	0	1
070715	PL.34752	B	Consumer	7.26Y	121.0	0.00	4.99	0.55	0	4	2	89	0.00	0.0	3.849	0.000	4	2	1	1
070721	PL.15857	B	Consumer	7.27Y	121.1	0.00	4.87	0.75	0	5	2	93	0.00	0.0	3.700	0.000	5	2	1	1
071801	PL.13913	B	Consumer	7.30Y	121.7	0.00	4.35	0.00	0	0	0	100	0.00	0.0	3.262	0.000	0	0	0	0
071882	PL.13912	B	Consumer	7.31Y	121.8	0.00	4.18	0.20	0	1	1	71	0.00	0.0	3.127	0.000	1	1	1	1
PL.17522	PL.34830	B	4ACSR	7.32Y	122.0	0.00	3.96	2.80	2	19	8	92	0.00	0.0	2.953	0.006	0	0	0	4
PD.3225	PL.17522	B	fuse8AMP	7.32Y	122.0	0.00	3.96	2.80	38	19	8	92	0.00	0.0	2.953	0.000	0	0	0	4
PL.17523	PD.3225	B	4ACSR	7.32Y	122.0	0.01	3.97	2.80	2	19	8	92	0.00	0.0	3.002	0.049	0	0	0	4
PL.4529	PL.17523	B	4ACSR	7.32Y	122.0	0.00	3.97	0.80	1	5	3	86	0.00	0.0	3.042	0.039	0	0	0	1
071876	PL.4529	B	Consumer	7.32Y	122.0	0.00	3.97	0.80	0	5	3	86	0.00	0.0	3.042	0.000	5	3	1	1
PL.4820	PL.17523	B	4ACSR	7.32Y	122.0	0.00	3.97	1.43	1	10	4	93	0.00	0.0	3.034	0.031	0	0	0	2
0718111	PL.4820	B	Consumer	7.32Y	122.0	0.00	3.97	0.53	0	4	2	89	0.00	0.0	3.034	0.000	4	2	1	1
070875	PL.4820	B	Consumer	7.32Y	122.0	0.00	3.97	0.90	0	6	3	89	0.00	0.0	3.034	0.000	6	3	1	1
0718104	PL.17523	B	Consumer	7.32Y	122.0	0.00	3.97	0.00	0	0	0	100	0.00	0.0	3.002	0.000	0	0	0	0
071853	PL.17523	B	Consumer	7.32Y	122.0	0.00	3.97	0.57	0	4	2	89	0.00	0.0	3.002	0.000	4	2	1	1
0718138	PL.7632	B	Consumer	7.34Y	122.3	0.00	3.69	0.38	0	3	1	95	0.00	0.0	2.749	0.000	3	1	1	1
0718133	PL.7632	B	Consumer	7.34Y	122.3	0.00	3.69	0.41	0	3	1	95	0.00	0.0	2.749	0.000	3	1	1	1
0718139	PL.7632	B	Consumer	7.34Y	122.3	0.00	3.69	0.56	0	4	2	89	0.00	0.0	2.749	0.000	4	2	1	1
0718124	PL.13903	B	Consumer	7.35Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	2.588	0.000	0	0	1	1
PL.34743	PL.13903	B	4ACSR	7.35Y	122.6	0.00	3.42	1.30	1	9	4	91	0.00	0.0	2.598	0.010	0	0	0	3
PD.4945	PL.34743	B	fuse6AMP	7.35Y	122.6	0.00	3.42	1.30	22	9	4	91	0.00	0.0	2.598	0.000	0	0	0	3
PL.34744	PD.4945	B	4ACSR	7.35Y	122.6	0.00	3.42	1.30	1	9	4	91	0.00	0.0	2.633	0.035	0	0	0	3
PL.33255	PL.34744	B	4ACSR	7.35Y	122.6	0.00	3.43	0.67	1	5	2	93	0.00	0.0	2.713	0.080	0	0	0	1
0718123	PL.33255	B	Consumer	7.35Y	122.6	0.00	3.43	0.67	0	5	2	93	0.00	0.0	2.713	0.000	5	2	1	1
PL.7625	PL.33255	B	4ACSR	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	2.747	0.034	0	0	0	0
0718148	PL.34744	B	Consumer	7.35Y	122.6	0.00	3.42	0.19	0	1	1	71	0.00	0.0	2.633	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	mi Length (mi)	KW					KVAR			
0718147	PL.34744	B	Consumer	7.35Y	122.6	0.00	3.42	0.44	0	3	1	95	0.00	0.0	2.633	0.000	3	1	1	1	
071820	PL.20940	B	Consumer	7.36Y	122.6	0.00	3.36	0.66	0	4	2	89	0.00	0.0	2.556	0.000	4	2	1	1	
PL.380	PL.21617	A B C	397ACSR	7.31Y 7.38Y 7.43Y	121.9 123.1 123.9	0.07 0.03 0.01	4.14 2.94 2.10	142.53 126.28 75.29	29 26 15	973 875 533	374 323 171	93 94 95	0.45	0.0	2.388	0.044	0 0 0	0 0 0	0 0 0	133 135 33	
PL.25229	PL.380	A B C	397ACSR	7.30Y 7.38Y 7.43Y	121.7 123.0 123.9	0.12 0.03 0.04	4.26 2.97 2.14	139.66 95.01 75.29	28 19 15	954 663 533	365 230 171	93 94 95	0.71	0.0	2.474	0.086	0 0 0	0 0 0	0 0 0	129 74 33	
070806	PL.25229	B	Consumer	7.38Y	123.0	0.00	2.97	0.16	0	1	0	100	0.00	0.0	2.474	0.000	1	0	1	1	
070855	PL.25229	A	Consumer	7.30Y	121.7	0.00	4.26	0.86	0	6	2	95	0.00	0.0	2.474	0.000	6	2	1	1	
070835	PL.25229	A	Consumer	7.30Y	121.7	0.00	4.26	3.07	0	20	10	89	0.00	0.0	2.474	0.000	20	10	1	1	
070852	PL.25229	B	Consumer	7.38Y	123.0	0.00	2.97	0.89	0	6	3	89	0.00	0.0	2.474	0.000	6	3	1	1	
PL.13957	PL.25229	A B C	397ACSR	7.29Y 7.38Y 7.43Y	121.6 123.0 123.8	0.17 0.05 0.07	4.43 3.01 2.21	135.74 93.97 75.29	28 19 15	927 656 533	351 226 170	94 95 95	1.05	0.0	2.606	0.132	0 0 0	0 0 0	0 0 0	127 72 33	
PL.33215	PL.13957	A B C	397ACSR	7.29Y 7.38Y 7.42Y	121.4 123.0 123.7	0.13 0.03 0.05	4.56 3.04 2.25	135.74 93.97 73.06	28 19 15	927 656 517	349 226 164	94 95 95	0.75	0.0	2.701	0.095	0 0 0	0 0 0	0 0 0	127 72 28	
070814	PL.33215	B	Consumer	7.38Y	123.0	0.00	3.04	1.30	0	9	4	91	0.00	0.0	2.701	0.000	9	4	1	1	
PL.33216	PL.33215	A B C	397ACSR	7.28Y 7.38Y 7.42Y	121.4 122.9 123.7	0.05 0.01 0.02	4.61 3.06 2.27	135.74 92.67 73.06	28 19 15	926 647 517	348 221 163	94 95 95	0.32	0.0	2.743	0.041	0 0 0	0 0 0	0 0 0	127 71 28	
PL.377	PL.33216	A B C	1/0ACSR	7.28Y 7.38Y 7.42Y	121.4 122.9 123.7	0.00 0.00 -0.00	4.61 3.06 2.27	0.00 0.77 0.00	0 0 0	0 5 0	0 2 0	100 92 100	0.00	0.0	2.778	0.036	0 0 0	0 0 0	0 0 0	0 2 0	
PL.17526	PL.377	B	4ACSR	7.38Y	122.9	0.00	3.06	0.77	1	5	2	93	0.00	0.0	2.784	0.005	0	0	0	2	
PD.3239	PL.17526	B	fuse6AMP	7.38Y	122.9	0.00	3.06	0.77	13	5	2	93	0.00	0.0	2.784	0.000	0	0	0	2	
PL.17527	PD.3239	B	4ACSR	7.38Y	122.9	0.00	3.06	0.77	1	5	2	93	0.00	0.0	2.828	0.044	0	0	0	2	
070831	PL.17527	B	Consumer	7.38Y	122.9	0.00	3.06	0.64	0	4	2	89	0.00	0.0	2.828	0.000	4	2	1	1	
070836	PL.17527	B	Consumer	7.38Y	122.9	0.00	3.06	0.13	0	1	0	100	0.00	0.0	2.828	0.000	1	0	1	1	
PL.4811	PL.33216	A B C	4/0ACSR	7.28Y 7.38Y 7.42Y	121.4 122.9 123.7	0.01 0.01 0.01	4.62 3.07 2.29	45.12 44.55 44.26	16 16 16	314 314 314	97 97 97	96 96 96	0.07	0.0	2.770	0.028	0 0 0	0 0 0	0 0 0	0 0 0	
070813	PL.4811	A B C	Consumer	7.28Y 7.38Y 7.42Y	121.4 122.9 123.7	0.00 0.00 0.00	4.62 3.07 2.29	45.12 44.55 44.26	0 0 0	314 314 314	97 97 97	96 96 96	0.00	0.0	2.770	0.000	314 314 314	97 97 97	0 0 0	0 0 0	
PL.13959	PL.33216	A B C	1/0ACSR	7.27Y 7.37Y 7.42Y	121.2 122.9 123.7	0.19 0.04 0.04	4.80 3.09 2.32	90.74 46.36 28.80	45 23 14	612 321 203	250 119 66	93 94 95	0.92	0.1	2.832	0.089	0 0 0	0 0 0	0 0 0	127 67 28	
PL.13960	PL.13959	A B C	1/0ACSR	7.26Y 7.37Y 7.42Y	121.1 122.9 123.7	0.13 0.02 0.03	4.93 3.12 2.35	90.74 46.36 28.80	45 23 14	611 321 203	249 118 66	93 94 95	0.61	0.1	2.891	0.059	0 0 0	0 0 0	0 0 0	127 67 28	
PL.13961	PL.13960	A B C	1/0ACSR	7.26Y 7.37Y 7.42Y	121.0 122.9 123.6	0.05 0.01 0.01	4.98 3.13 2.36	90.72 46.36 28.80	45 23 14	610 321 203	249 118 66	93 94 95	0.23	0.0	2.913	0.022	0 0 0	0 0 0	0 0 0	126 67 28	
PL.4809	PL.13961	A B C	336ACSR	7.26Y 7.37Y 7.42Y	121.0 122.9 123.6	0.00 0.00 0.00	4.98 3.13 2.36	0.00 0.00 0.00	0 0 0	0 0 0	0 0 0	100 100 100	0.00	0.0	2.944	0.031	0 0 0	0 0 0	0 0 0	0 0 0	
PL.4810	PL.4809	A B C	336ACSR	7.26Y 7.37Y 7.42Y	121.0 122.9 123.6	0.00 0.00 0.00	4.98 3.13 2.36	0.00 0.00 0.00	0 0 0	0 0 0	0 0 0	100 100 100	0.00	0.0	2.979	0.035	0 0 0	0 0 0	0 0 0	0 0 0	

Unbalanced Voltage Drop Report
Source: STANTON

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 070863, PL.13962, PL.22180, PD.2639-A, PD.2639-B, PL.28523, PL.19403, PD.1788, PL.19404, 019848, PL.20377, PD.1789, PL.20378, PL.1433, 019841, PL.13963, PL.27603, PD.1787, PL.27604, 019859, 019824, 019822, PL.13964, 019805, PL.13965, PL.5989, PL.18836, PD.1785.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.18837	PD.1785	C	4ACSR	7.41Y	123.5	0.00	2.47	0.47	0	3	1	95	0.00	0.0	3.260	0.013	0	0	0	1
019814	PL.18837	C	Consumer	7.41Y	123.5	0.00	2.47	0.47	0	3	1	95	0.00	0.0	3.260	0.000	3	1	1	1
PL.20247	PL.5989	B	4ACSR	7.37Y	122.8	0.00	3.19	10.04	8	68	29	92	0.00	0.0	3.248	0.008	0	0	0	19
PD.141-A	PL.20247	B	Closed	7.37Y	122.8	0.00	3.19	10.04	0	68	29	92	0.00	0.0	3.248	0.000	0	0	0	19
PD.141-B	PD.141-A	B	Closed	7.37Y	122.8	0.00	3.19	10.04	0	68	29	92	0.00	0.0	3.248	0.000	0	0	0	19
PL.20248	PD.141-B	B	4ACSR	7.37Y	122.8	0.01	3.20	10.04	8	68	29	92	0.01	0.0	3.270	0.023	0	0	0	19
PD.3358	PL.20248	B	35V4E	7.37Y	122.8	0.00	3.20	10.04	29	68	29	92	0.00	0.0	3.270	0.000	0	0	0	19
PL.20246	PD.3358	B	4ACSR	7.37Y	122.8	0.03	3.23	10.04	8	68	29	92	0.01	0.0	3.329	0.059	0	0	0	19
PL.13966	PL.20246	B	4ACSR	7.36Y	122.7	0.05	3.28	8.06	7	55	24	92	0.02	0.0	3.470	0.141	0	0	0	15
019842	PL.13966	B	Consumer	7.36Y	122.7	0.00	3.28	0.61	0	4	2	89	0.00	0.0	3.470	0.000	4	2	1	1
019857	PL.13966	B	Consumer	7.36Y	122.7	0.00	3.28	0.00	0	0	0	100	0.00	0.0	3.470	0.000	0	0	0	0
PL.45262	PL.13966	B	4ACSR	7.36Y	122.7	0.00	3.28	6.36	5	43	19	91	0.00	0.0	3.479	0.009	0	0	0	11
PL.46518	PL.45262	B	4ACSR	7.36Y	122.7	0.00	3.28	1.12	1	8	3	94	0.00	0.0	3.503	0.024	0	0	0	2
PD.8751	PL.46518	B	fuse6AMP	7.36Y	122.7	0.00	3.28	1.12	19	8	3	94	0.00	0.0	3.503	0.000	0	0	0	2
PL.46519	PD.8751	B	4ACSR	7.36Y	122.7	0.00	3.29	1.12	1	8	3	94	0.00	0.0	3.550	0.046	0	0	0	2
PL.5945	PL.46519	B	4ACSR	7.36Y	122.7	0.00	3.29	0.54	0	4	2	89	0.00	0.0	3.594	0.044	0	0	0	1
019828	PL.5945	B	Consumer	7.36Y	122.7	0.00	3.29	0.54	0	4	2	89	0.00	0.0	3.594	0.000	4	2	1	1
019833	PL.46519	B	Consumer	7.36Y	122.7	0.00	3.29	0.58	0	4	2	89	0.00	0.0	3.550	0.000	4	2	1	1
PL.45263	PL.45262	B	4ACSR	7.36Y	122.7	0.03	3.31	5.24	4	35	15	92	0.01	0.0	3.585	0.106	0	0	0	9
019858	PL.45263	B	Consumer	7.36Y	122.7	0.00	3.31	0.00	0	0	0	100	0.00	0.0	3.585	0.000	0	0	0	0
019832	PL.45263	B	Consumer	7.36Y	122.7	0.00	3.31	1.00	0	7	3	92	0.00	0.0	3.585	0.000	7	3	1	1
019836	PL.45263	B	Consumer	7.36Y	122.7	0.00	3.31	0.33	0	2	1	89	0.00	0.0	3.585	0.000	2	1	1	1
PL.21150	PL.45263	B	4ACSR	7.36Y	122.7	0.00	3.31	2.36	2	16	7	92	0.00	0.0	3.612	0.027	0	0	0	5
PL.21151	PL.21150	B	4ACSR	7.36Y	122.7	0.00	3.31	1.67	1	11	5	91	0.00	0.0	3.621	0.008	0	0	0	4
PL.1440	PL.21151	B	4ACSR	7.36Y	122.7	0.00	3.31	1.05	1	7	3	92	0.00	0.0	3.642	0.021	0	0	0	3
019844	PL.1440	B	Consumer	7.36Y	122.7	0.00	3.31	0.65	0	4	2	89	0.00	0.0	3.642	0.000	4	2	1	1
019845	PL.1440	B	Consumer	7.36Y	122.7	0.00	3.31	0.32	0	2	1	89	0.00	0.0	3.642	0.000	2	1	1	1
019849	PL.1440	B	Consumer	7.36Y	122.7	0.00	3.31	0.00	0	0	0	100	0.00	0.0	3.642	0.000	0	0	0	0
PL.1285	PL.1440	B	4ACSR	7.36Y	122.7	0.00	3.31	0.09	0	1	0	100	0.00	0.0	3.684	0.042	0	0	0	1
019865	PL.1285	B	Consumer	7.36Y	122.7	0.00	3.31	0.09	0	1	0	100	0.00	0.0	3.684	0.000	1	0	1	1
PL.45267	PL.21151	B	4ACSR	7.36Y	122.7	0.00	3.31	0.62	1	4	2	89	0.00	0.0	3.624	0.003	0	0	0	1
PD.8639	PL.45267	B	fuse6AMP	7.36Y	122.7	0.00	3.31	0.62	11	4	2	89	0.00	0.0	3.624	0.000	0	0	0	1
PL.45268	PD.8639	B	4ACSR	7.36Y	122.7	0.00	3.31	0.62	1	4	2	89	0.00	0.0	3.638	0.013	0	0	0	1
019834	PL.45268	B	Consumer	7.36Y	122.7	0.00	3.31	0.62	0	4	2	89	0.00	0.0	3.638	0.000	4	2	1	1
019840	PL.21150	B	Consumer	7.36Y	122.7	0.00	3.31	0.68	0	5	2	93	0.00	0.0	3.612	0.000	5	2	1	1
PL.45265	PL.45263	B	4ACSR	7.36Y	122.7	0.00	3.31	1.55	1	10	5	89	0.00	0.0	3.589	0.004	0	0	0	2
PD.8638	PL.45265	B	fuse6AMP	7.36Y	122.7	0.00	3.31	1.55	26	10	5	89	0.00	0.0	3.589	0.000	0	0	0	2
PL.45266	PD.8638	B	4ACSR	7.36Y	122.7	0.01	3.32	1.55	1	10	5	89	0.00	0.0	3.680	0.090	0	0	0	2

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
019829	PL.45266	B	Consumer	7.36Y	122.7	0.00	3.32	0.97	0	7	3	92	0.00	0.0	3.680	0.000	7	3	1	1
019853	PL.45266	B	Consumer	7.36Y	122.7	0.00	3.32	0.58	0	4	2	89	0.00	0.0	3.680	0.000	4	2	1	1
PL.1448	PL.13966	B	4ACSR	7.36Y	122.7	0.00	3.29	1.09	1	7	3	92	0.00	0.0	3.562	0.092	0	0	0	3
019809	PL.1448	B	Consumer	7.36Y	122.7	0.00	3.29	0.44	0	3	1	95	0.00	0.0	3.562	0.000	3	1	1	1
019860	PL.1448	B	Consumer	7.36Y	122.7	0.00	3.29	0.01	0	0	0	100	0.00	0.0	3.562	0.000	0	0	1	1
PL.1273	PL.1448	B	4ACSR	7.36Y	122.7	0.00	3.29	0.63	1	4	2	89	0.00	0.0	3.616	0.054	0	0	0	1
0188145	PL.1273	B	Consumer	7.36Y	122.7	0.00	3.29	0.63	0	4	2	89	0.00	0.0	3.616	0.000	4	2	1	1
019847	PL.20246	B	Consumer	7.37Y	122.8	0.00	3.23	0.11	0	1	0	100	0.00	0.0	3.329	0.000	1	0	1	1
019862	PL.20246	B	Consumer	7.37Y	122.8	0.00	3.23	0.04	0	0	0	100	0.00	0.0	3.329	0.000	0	0	1	1
019807	PL.20246	B	Consumer	7.37Y	122.8	0.00	3.23	0.64	0	4	2	89	0.00	0.0	3.329	0.000	4	2	1	1
PL.45260	PL.20246	B	4ACSR	7.37Y	122.8	0.00	3.23	1.19	1	8	3	94	0.00	0.0	3.336	0.007	0	0	0	1
PD.8636	PL.45260	B	fuse6AMP	7.37Y	122.8	0.00	3.23	1.19	20	8	3	94	0.00	0.0	3.336	0.000	0	0	0	1
PL.45261	PD.8636	B	4ACSR	7.37Y	122.8	0.00	3.23	1.19	1	8	3	94	0.00	0.0	3.359	0.023	0	0	0	1
019866	PL.45261	B	Consumer	7.37Y	122.8	0.00	3.23	1.19	0	8	3	94	0.00	0.0	3.359	0.000	8	3	1	1
PL.19003	PL.5989	A	336ACSR	7.23Y	120.4	0.09	5.58	88.67	20	595	240	93	0.26	0.0	3.325	0.085	0	0	0	124
		B		7.37Y	122.8	-0.01	3.17	32.14	7	224	76	95					0	0	0	38
		C		7.41Y	123.5	0.03	2.50	26.93	6	190	61	95					0	0	0	25
019803	PL.19003	B	Consumer	7.37Y	122.8	0.00	3.17	0.50	0	3	1	95	0.00	0.0	3.325	0.000	3	1	1	1
019816	PL.19003	B	Consumer	7.37Y	122.8	0.00	3.17	0.64	0	4	2	89	0.00	0.0	3.325	0.000	4	2	1	1
PL.19004	PL.19003	A	336ACSR	7.22Y	120.4	0.05	5.63	88.67	20	594	239	93	0.15	0.0	3.375	0.050	0	0	0	124
		B		7.37Y	122.8	-0.01	3.17	31.01	7	217	72	95					0	0	0	36
		C		7.41Y	123.5	0.02	2.51	26.93	6	190	61	95					0	0	0	25
PL.13969	PL.19004	A	336ACSR	7.22Y	120.3	0.06	5.70	87.56	20	587	236	93	0.19	0.0	3.438	0.063	0	0	0	123
		B		7.37Y	122.8	-0.01	3.16	29.95	7	210	69	95					0	0	0	33
		C		7.41Y	123.5	0.02	2.53	26.93	6	190	61	95					0	0	0	25
PL.13970	PL.13969	A	336ACSR	7.22Y	120.3	0.05	5.74	84.74	19	568	227	93	0.14	0.0	3.489	0.051	0	0	0	118
		B		7.37Y	122.9	-0.01	3.15	29.95	7	210	69	95					0	0	0	33
		C		7.41Y	123.5	0.02	2.55	26.93	6	190	61	95					0	0	0	25
PL.13971	PL.13970	A	336ACSR	7.21Y	120.2	0.03	5.77	84.74	19	568	227	93	0.08	0.0	3.518	0.029	0	0	0	118
		B		7.37Y	122.9	-0.00	3.14	29.78	7	208	69	95					0	0	0	32
		C		7.41Y	123.4	0.01	2.55	26.93	6	190	61	95					0	0	0	25
PL.13416	PL.13971	A	336ACSR	7.21Y	120.2	0.03	5.80	84.74	19	568	227	93	0.08	0.0	3.545	0.027	0	0	0	118
		B		7.37Y	122.9	-0.00	3.14	29.77	7	208	69	95					0	0	0	31
		C		7.41Y	123.4	0.01	2.56	26.93	6	190	61	95					0	0	0	25
0188187	PL.13416	B	Consumer	7.37Y	122.9	0.00	3.14	0.45	0	3	1	95	0.00	0.0	3.545	0.000	3	1	1	1
0188143	PL.13416	B	Consumer	7.37Y	122.9	0.00	3.14	0.09	0	1	0	100	0.00	0.0	3.545	0.000	1	0	1	1
PL.13415	PL.13416	A	336ACSR	7.21Y	120.1	0.06	5.86	84.74	19	568	227	93	0.17	0.0	3.605	0.060	0	0	0	118
		B		7.37Y	122.9	-0.01	3.13	29.23	7	205	67	95					0	0	0	29
		C		7.41Y	123.4	0.02	2.58	26.93	6	190	61	95					0	0	0	25
PL.44628	PL.13415	A	336ACSR	7.21Y	120.1	0.01	5.86	34.89	8	237	83	94	0.02	0.0	3.630	0.025	0	0	0	31
		B		7.37Y	122.9	0.00	3.13	29.23	7	205	67	95					0	0	0	29
		C		7.40Y	123.4	0.01	2.59	26.93	6	190	61	95					0	0	0	25
PL.44629	PL.44628	A	336ACSR	7.21Y	120.1	0.02	5.88	34.89	8	237	83	94	0.04	0.0	3.682	0.052	0	0	0	31
		B		7.37Y	122.9	0.01	3.14	27.86	6	195	63	95					0	0	0	26
		C		7.40Y	123.4	0.01	2.60	26.93	6	190	61	95					0	0	0	25
018825	PL.44629	B	Consumer	7.37Y	122.9	0.00	3.14	0.96	0	7	3	92	0.00	0.0	3.682	0.000	7	3	1	1
0188153	PL.44629	B	Consumer	7.37Y	122.9	0.00	3.14	0.58	0	4	2	89	0.00	0.0	3.682	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.38739	PL.44629	A	336ACSR	7.21Y	120.1	0.03	5.91	34.89	8	237	83	94	0.06	0.0	3.767	0.085	0	0	0	31
		B		7.37Y	122.8	0.01	3.15	26.32	6	185	58	95					0	0	0	24
		C		7.40Y	123.4	0.02	2.62	26.93	6	190	61	95					0	0	0	25
PL.38740	PL.38739	A	336ACSR	7.20Y	120.1	0.01	5.92	34.89	8	237	83	94	0.03	0.0	3.802	0.035	0	0	0	31
		B		7.37Y	122.8	0.01	3.16	26.32	6	185	58	95					0	0	0	24
		C		7.40Y	123.4	0.01	2.62	26.93	6	190	61	95					0	0	0	25
PL.13417	PL.38740	A	336ACSR	7.20Y	120.1	0.01	5.93	34.89	8	237	83	94	0.03	0.0	3.842	0.040	0	0	0	31
		B		7.37Y	122.8	0.00	3.16	24.41	6	172	53	96					0	0	0	20
		C		7.40Y	123.4	0.01	2.63	26.93	6	190	61	95					0	0	0	25
PL.38794	PL.13417	A	336ACSR	7.20Y	120.1	0.01	5.94	34.89	8	237	83	94	0.02	0.0	3.878	0.035	0	0	0	31
		B		7.37Y	122.8	0.00	3.17	23.60	5	167	50	96					0	0	0	18
		C		7.40Y	123.4	0.01	2.64	26.93	6	190	61	95					0	0	0	25
PL.38789	PL.38794	A	336ACSR	7.20Y	120.1	0.00	5.94	34.89	8	237	83	94	0.00	0.0	3.883	0.005	0	0	0	31
		B		7.37Y	122.8	0.00	3.17	23.60	5	166	50	96					0	0	0	15
		C		7.40Y	123.4	0.00	2.64	26.93	6	190	61	95					0	0	0	25
PL.38790	PL.38789	A	336ACSR	7.20Y	120.1	0.00	5.94	24.69	6	168	57	95	0.00	0.0	3.888	0.006	0	0	0	30
		B		7.37Y	122.8	0.00	3.17	13.67	3	98	25	97					0	0	0	14
		C		7.40Y	123.4	0.00	2.64	17.02	4	121	35	96					0	0	0	24
PL.17891	PL.38790	A	336ACSR	7.20Y	120.1	0.00	5.94	24.69	6	168	57	95	0.00	0.0	3.894	0.006	0	0	0	30
		B		7.37Y	122.8	0.00	3.17	13.67	3	98	25	97					0	0	0	14
		C		7.40Y	123.4	0.00	2.64	17.02	4	121	35	96					0	0	0	24
PD.3356	PL.17891	A	50E	7.20Y	120.1	0.00	5.94	24.69	49	168	57	95	0.00	0.0	3.894	0.000	0	0	0	30
		B		7.37Y	122.8	0.00	3.17	13.67	27	98	25	97					0	0	0	14
		C		7.40Y	123.4	0.00	2.64	17.02	34	121	35	96					0	0	0	24
PL.17892	PD.3356	A	336ACSR	7.20Y	120.0	0.03	5.98	24.69	6	168	57	95	0.05	0.0	4.045	0.150	0	0	0	30
		B		7.37Y	122.8	0.00	3.17	13.67	3	98	25	97					0	0	0	14
		C		7.40Y	123.3	0.02	2.67	17.02	4	121	35	96					0	0	0	24
PL.13942	PL.17892	A	336ACSR	7.20Y	120.0	0.01	5.99	12.11	3	85	21	97	0.01	0.0	4.155	0.111	0	0	0	8
		B		7.37Y	122.8	0.01	3.19	13.67	3	98	25	97					0	0	0	14
		C		7.40Y	123.3	0.01	2.68	11.47	3	83	18	98					0	0	0	14
PL.18927	PL.13942	C	4ACSR	7.40Y	123.3	0.00	2.68	0.89	1	6	3	89	0.00	0.0	4.162	0.007	0	0	0	2
PD.2529	PL.18927	C	fuse6AMP	7.40Y	123.3	0.00	2.68	0.89	15	6	3	89	0.00	0.0	4.162	0.000	0	0	0	2
PL.18928	PD.2529	C	4ACSR	7.40Y	123.3	0.00	2.68	0.89	1	6	3	89	0.00	0.0	4.194	0.032	0	0	0	2
0188180	PL.18928	C	Consumer	7.40Y	123.3	0.00	2.68	0.46	0	3	1	95	0.00	0.0	4.194	0.000	3	1	1	1
0188157	PL.18928	C	Consumer	7.40Y	123.3	0.00	2.68	0.43	0	3	1	95	0.00	0.0	4.194	0.000	3	1	1	1
PL.38804	PL.13942	A	336ACSR	7.20Y	120.0	0.00	5.99	12.11	3	85	21	97	0.01	0.0	4.203	0.048	0	0	0	8
		B		7.37Y	122.8	0.00	3.19	13.67	3	98	25	97					0	0	0	14
		C		7.40Y	123.3	0.00	2.68	10.60	2	77	16	98					0	0	0	12
PL.38803	PL.38804	A	336ACSR	7.20Y	120.0	-0.00	5.99	0.00	0	0	0	100	0.00	0.0	4.213	0.010	0	0	0	0
		B		7.37Y	122.8	0.00	3.19	0.00	0	0	0	100					0	0	0	0
		C		7.40Y	123.3	0.00	2.68	0.37	0	3	1	92					0	0	0	3
PD.2521	PL.38803	C	fuse6AMP	7.40Y	123.3	0.00	2.68	0.37	6	3	1	95	0.00	0.0	4.213	0.000	0	0	0	3
PL.17270	PD.2521	C	4ACSR	7.40Y	123.3	0.00	2.68	0.37	0	3	1	95	0.00	0.0	4.254	0.041	0	0	0	3
0188166	PL.17270	C	Consumer	7.40Y	123.3	0.00	2.68	0.04	0	0	0	100	0.00	0.0	4.254	0.000	0	0	1	1
018842	PL.17270	C	Consumer	7.40Y	123.3	0.00	2.68	0.33	0	2	1	89	0.00	0.0	4.254	0.000	2	1	1	1
PL.5736	PL.17270	C	4ACSR	7.40Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	4.323	0.069	0	0	0	1
018806	PL.5736	C	Consumer	7.40Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	4.323	0.000	0	0	1	1
PL.38805	PL.38804	A	336ACSR	7.20Y	120.0	0.00	6.00	12.11	3	85	21	97	0.00	0.0	4.223	0.020	0	0	0	8
		B		7.37Y	122.8	0.00	3.19	13.67	3	98	25	97					0	0	0	14
		C		7.40Y	123.3	0.00	2.68	10.24	2	74	15	98					0	0	0	9
0188151	PL.38805	C	Consumer	7.40Y	123.3	0.00	2.68	0.76	0	5	2	93	0.00	0.0	4.223	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:

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.5991	PL.38805	A	336ACSR	7.20Y	120.0	0.01	6.00	12.11	3	85	21	97	0.01	0.0	4.271	0.048	0	0	0	8
		B		7.37Y	122.8	0.00	3.20	13.67	3	98	25	97					0	0	0	14
		C		7.40Y	123.3	0.00	2.68	9.50	2	69	12	98					0	0	0	8
PL.13944	PL.5991	A	336ACSR	7.20Y	120.0	0.00	6.01	12.11	3	85	21	97	0.01	0.0	4.316	0.045	0	0	0	8
		B		7.37Y	122.8	0.00	3.20	13.67	3	98	25	97					0	0	0	14
		C		7.40Y	123.3	0.00	2.68	9.50	2	69	12	98					0	0	0	8
PL.1464	PL.13944	A	4ACSR	7.20Y	120.0	0.00	6.01	0.35	0	2	1	89	0.00	0.0	4.352	0.036	0	0	0	1
018845	PL.1464	A	Consumer	7.20Y	120.0	0.00	6.01	0.35	0	2	1	89	0.00	0.0	4.352	0.000	2	1	1	1
PL.27599	PL.13944	C	4ACSR	7.40Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	4.375	0.058	0	0	0	0
PD.2520	PL.27599	C	fuse6AMP	7.40Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	4.375	0.000	0	0	0	0
PL.27600	PD.2520	C	4ACSR	7.40Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	4.433	0.058	0	0	0	0
018887	PL.27600	C	Consumer	7.40Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	4.433	0.000	0	0	0	0
PL.13945	PL.13944	A	336ACSR	7.20Y	120.0	0.00	6.01	11.77	3	82	20	97	0.00	0.0	4.342	0.025	0	0	0	7
		B		7.37Y	122.8	0.00	3.20	13.67	3	98	25	97					0	0	0	14
		C		7.40Y	123.3	0.00	2.68	9.50	2	69	12	98					0	0	0	8
PL.27601	PL.13945	A	336ACSR	7.20Y	120.0	0.00	6.01	10.91	2	77	17	98	0.00	0.0	4.352	0.010	0	0	0	5
		B		7.37Y	122.8	0.00	3.20	13.67	3	98	25	97					0	0	0	14
		C		7.40Y	123.3	0.00	2.68	9.50	2	69	12	98					0	0	0	8
C PD.2554 C C	PL.27601	A	fuse6AMP	7.20Y	120.0	0.00	6.01	10.91	186	77	17	98	0.00	0.0	4.352	0.000	0	0	0	5 C
		B		7.37Y	122.8	0.00	3.20	13.67	233	98	25	97					0	0	0	14 C
		C		7.40Y	123.3	0.00	2.68	9.50	162	69	12	98					0	0	0	8 C
PL.27602	PD.2554	A	336ACSR	7.20Y	120.0	0.00	6.01	10.91	2	77	17	98	0.01	0.0	4.400	0.049	0	0	0	5
		B		7.37Y	122.8	0.01	3.21	13.67	3	98	25	97					0	0	0	14
		C		7.40Y	123.3	0.00	2.68	9.50	2	69	12	98					0	0	0	8
0188118	PL.27602	B	Consumer	7.37Y	122.8	0.00	3.21	0.35	0	2	1	89	0.00	0.0	4.400	0.000	2	1	1	1
018891	PL.27602	B	Consumer	7.37Y	122.8	0.00	3.21	0.85	0	6	2	95	0.00	0.0	4.400	0.000	6	2	1	1
PL.13946	PL.27602	A	336ACSR	7.20Y	120.0	0.01	6.02	10.91	2	77	17	98	0.01	0.0	4.481	0.081	0	0	0	5
		B		7.37Y	122.8	0.01	3.22	12.48	3	90	21	97					0	0	0	12
		C		7.40Y	123.3	0.00	2.69	9.50	2	69	12	98					0	0	0	8
PL.27891	PL.13946	C	4ACSR	7.40Y	123.3	0.00	2.69	0.89	1	6	3	89	0.00	0.0	4.574	0.093	0	0	0	1
017816	PL.27891	C	Consumer	7.40Y	123.3	0.00	2.69	0.89	0	6	3	89	0.00	0.0	4.574	0.000	6	3	1	1
PL.17115	PL.13946	A	336ACSR	7.20Y	120.0	0.00	6.03	10.91	2	77	17	98	0.00	0.0	4.543	0.062	0	0	0	5
		B		7.37Y	122.8	0.00	3.22	6.10	1	45	2	100					0	0	0	1
		C		7.40Y	123.3	0.00	2.69	8.64	2	63	10	99					0	0	0	7
PD.140-A	PL.17115	A	Closed	7.20Y	120.0	0.00	6.03	10.91	0	77	17	98	0.00	0.0	4.543	0.000	0	0	0	5
		B		7.37Y	122.8	0.00	3.22	6.10	0	45	2	100					0	0	0	1
		C		7.40Y	123.3	0.00	2.69	8.64	0	63	10	99					0	0	0	7
PD.140-B	PD.140-A	A	Closed	7.20Y	120.0	0.00	6.03	10.91	0	77	17	98	0.00	0.0	4.543	0.000	0	0	0	5
		B		7.37Y	122.8	0.00	3.22	6.10	0	45	2	100					0	0	0	1
		C		7.40Y	123.3	0.00	2.69	8.64	0	63	10	99					0	0	0	7
PL.17116	PD.140-B	A	336ACSR	7.20Y	120.0	0.00	6.03	10.91	2	77	17	98	0.00	0.0	4.603	0.060	0	0	0	5
		B		7.37Y	122.8	0.00	3.22	6.10	1	45	2	100					0	0	0	1
		C		7.40Y	123.3	0.00	2.70	8.64	2	63	10	99					0	0	0	7
PL.5985	PL.17116	A	1/0ACSR	7.20Y	120.0	0.01	6.04	9.79	5	69	13	98	0.01	0.0	4.637	0.034	0	0	0	3
		B		7.37Y	122.8	0.00	3.22	6.10	3	45	2	100					0	0	0	1
		C		7.40Y	123.3	0.00	2.70	6.32	3	47	3	100					0	0	0	3
017853	PL.5985	A	Consumer	7.20Y	120.0	0.00	6.04	1.64	0	11	5	91	0.00	0.0	4.637	0.000	11	5	1	1
PL.13948	PL.5985	A	1/0ACSR	7.20Y	120.0	0.01	6.04	8.21	4	59	8	99	0.00	0.0	4.672	0.035	0	0	0	2
		B		7.37Y	122.8	0.00	3.22	6.10	3	45	2	100					0	0	0	1
		C		7.40Y	123.3	0.00	2.70	6.32	3	47	3	100					0	0	0	3

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.13949	PL.13948	A	1/0ACSR	7.20Y	120.0	0.00	6.05	2.10	1	14	7	89	0.00	0.0	4.745	0.073	0	0	0	2
		B		7.37Y	122.8	-0.00	3.22	0.00	0	0	0	90					0	0	0	1
		C		7.40Y	123.3	0.00	2.70	0.26	0	2	1	90					0	0	0	3
017846	PL.13949	B	Consumer	7.37Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	4.745	0.000	0	0	0	0
017811	PL.13949	B	Consumer	7.37Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	4.745	0.000	0	0	0	0
PL.13950	PL.13949	A	1/0ACSR	7.20Y	120.0	0.00	6.05	2.10	1	14	7	89	0.00	0.0	4.772	0.028	0	0	0	2
		B		7.37Y	122.8	-0.00	3.22	0.00	0	0	0	90					0	0	0	1
		C		7.40Y	123.3	0.00	2.71	0.26	0	2	1	90					0	0	0	3
PL.13951	PL.13950	A	1/0ACSR	7.20Y	120.0	0.00	6.05	2.10	1	14	7	89	0.00	0.0	4.815	0.043	0	0	0	2
		B		7.37Y	122.8	-0.00	3.22	0.00	0	0	0	90					0	0	0	1
		C		7.40Y	123.3	0.00	2.71	0.26	0	2	1	90					0	0	0	3
017839	PL.13951	C	Consumer	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	4.815	0.000	0	0	0	0
PL.41002	PL.13951	A	1/0ACSR	7.20Y	119.9	0.00	6.05	2.10	1	14	7	89	0.00	0.0	4.851	0.036	0	0	0	2
		B		7.37Y	122.8	-0.00	3.22	0.00	0	0	0	90					0	0	0	1
		C		7.40Y	123.3	0.00	2.71	0.26	0	2	1	90					0	0	0	3
0178056	PL.41002	B	Consumer	7.37Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	4.851	0.000	0	0	1	1
PL.41003	PL.41002	A	1/0ACSR	7.20Y	119.9	0.00	6.05	2.10	1	14	7	89	0.00	0.0	4.879	0.028	0	0	0	2
		B		7.37Y	122.8	-0.00	3.22	0.00	0	0	0	100					0	0	0	0
		C		7.40Y	123.3	0.00	2.71	0.26	0	2	1	90					0	0	0	3
PL.13952	PL.41003	A	1/0ACSR	7.20Y	119.9	0.03	6.08	2.10	1	14	7	89	0.00	0.0	5.372	0.492	0	0	0	2
		B		7.37Y	122.8	-0.01	3.21	0.00	0	0	0	100					0	0	0	0
		C		7.40Y	123.3	0.01	2.71	0.26	0	2	1	90					0	0	0	3
PL.17119	PL.13952	A	4ACSR	7.20Y	119.9	0.00	6.08	2.10	2	14	7	89	0.00	0.0	5.381	0.010	0	0	0	2
PD.2528	PL.17119	A	fuse6AMP	7.20Y	119.9	0.00	6.08	2.10	36	14	7	89	0.00	0.0	5.381	0.000	0	0	0	2
PL.17120	PD.2528	A	4ACSR	7.19Y	119.9	0.01	6.09	2.10	2	14	7	89	0.00	0.0	5.520	0.138	0	0	0	2
017831	PL.17120	A	Consumer	7.19Y	119.9	0.00	6.09	0.32	0	2	1	89	0.00	0.0	5.520	0.000	2	1	1	1
017841	PL.17120	A	Consumer	7.19Y	119.9	0.00	6.09	0.00	0	0	0	100	0.00	0.0	5.520	0.000	0	0	0	0
017855	PL.17120	A	Consumer	7.19Y	119.9	0.00	6.09	1.78	0	12	6	89	0.00	0.0	5.520	0.000	12	6	1	1
PL.13953	PL.13952	A	1/0ACSR	7.20Y	119.9	-0.00	6.08	0.00	0	0	0	100	0.00	0.0	5.483	0.112	0	0	0	0
		B		7.37Y	122.8	0.00	3.21	0.00	0	0	0	100					0	0	0	0
		C		7.40Y	123.3	0.00	2.71	0.26	0	2	1	90					0	0	0	3
PL.13954	PL.13953	A	1/0ACSR	7.20Y	119.9	-0.00	6.08	0.00	0	0	0	100	0.00	0.0	5.505	0.022	0	0	0	0
		B		7.37Y	122.8	0.00	3.21	0.00	0	0	0	100					0	0	0	0
		C		7.40Y	123.3	0.00	2.71	0.20	0	1	1	90					0	0	0	2
PL.18834	PL.13954	C	4ACSR	7.40Y	123.3	0.00	2.71	0.20	0	1	1	71	0.00	0.0	5.513	0.007	0	0	0	2
PD.2516	PL.18834	C	fuse6AMP	7.40Y	123.3	0.00	2.71	0.20	3	1	1	71	0.00	0.0	5.513	0.000	0	0	0	2
PL.18835	PD.2516	C	4ACSR	7.40Y	123.3	0.00	2.71	0.20	0	1	1	71	0.00	0.0	5.520	0.007	0	0	0	2
017837	PL.18835	C	Consumer	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	5.520	0.000	0	0	1	1
PL.5988	PL.18835	C	4ACSR	7.40Y	123.3	0.00	2.71	0.20	0	1	1	71	0.00	0.0	5.578	0.058	0	0	0	1
017815	PL.5988	C	Consumer	7.40Y	123.3	0.00	2.71	0.20	0	1	1	71	0.00	0.0	5.578	0.000	1	1	1	1
017813	PL.13953	C	Consumer	7.40Y	123.3	0.00	2.71	0.06	0	0	0	100	0.00	0.0	5.483	0.000	0	0	1	1
017842	PL.13952	A	Consumer	7.20Y	119.9	0.00	6.08	0.00	0	0	0	100	0.00	0.0	5.372	0.000	0	0	0	0
017844	PL.13948	A	Consumer	7.20Y	120.0	0.00	6.04	6.25	0	45	2	100	0.00	0.0	4.672	0.000	45	2	0	0
		B		7.37Y	122.8	0.00	3.22	6.10	0	45	2	100					45	2	0	0
		C		7.40Y	123.3	0.00	2.70	6.08	0	45	2	100					45	2	0	0
PL.27620	PL.17116	A	4ACSR	7.20Y	120.0	0.00	6.03	0.69	1	5	2	93	0.00	0.0	4.621	0.019	0	0	0	1
PD.2518	PL.27620	A	fuse8AMP	7.20Y	120.0	0.00	6.03	0.69	9	5	2	93	0.00	0.0	4.621	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: STANTON

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: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
017817	PL.1264	B	Consumer	7.36Y	122.7	0.00	3.27	0.51	0	3	1	95	0.00	0.0	4.814	0.000	3	1	1	1
017825	PL.1262	B	Consumer	7.36Y	122.7	0.00	3.26	0.41	0	3	1	95	0.00	0.0	4.732	0.000	3	1	1	1
017832	PL.20465	B	Consumer	7.37Y	122.8	0.00	3.23	0.65	0	4	2	89	0.00	0.0	4.513	0.000	4	2	1	1
PL.17112	PL.13946	B	4ACSR	7.37Y	122.8	0.00	3.22	0.59	0	4	2	89	0.00	0.0	4.512	0.031	0	0	0	2
PL.1259	PL.17112	B	4ACSR	7.37Y	122.8	0.00	3.22	0.23	0	2	1	89	0.00	0.0	4.547	0.035	0	0	0	1
017827	PL.1259	B	Consumer	7.37Y	122.8	0.00	3.22	0.23	0	2	1	89	0.00	0.0	4.547	0.000	2	1	1	1
017822	PL.17112	B	Consumer	7.37Y	122.8	0.00	3.22	0.36	0	2	1	89	0.00	0.0	4.512	0.000	2	1	1	1
018866	PL.13945	A	Consumer	7.20Y	120.0	0.00	6.01	0.00	0	0	0	100	0.00	0.0	4.342	0.000	0	0	1	1
018804	PL.13945	B	Consumer	7.37Y	122.8	0.00	3.20	0.00	0	0	0	100	0.00	0.0	4.342	0.000	0	0	0	0
0188137	PL.13945	A	Consumer	7.20Y	120.0	0.00	6.01	0.89	0	6	3	89	0.00	0.0	4.342	0.000	6	3	1	1
PL.19996	PL.17892	C	4ACSR	7.40Y	123.3	0.00	2.67	5.61	5	38	16	92	0.00	0.0	4.051	0.007	0	0	0	10
PD.2522	PL.19996	C	fuse8AMP	7.40Y	123.3	0.00	2.67	5.61	77	38	16	92	0.00	0.0	4.051	0.000	0	0	0	10
PL.19997	PD.2522	C	4ACSR	7.40Y	123.3	0.03	2.70	5.61	5	38	16	92	0.01	0.0	4.167	0.116	0	0	0	10
PL.38795	PL.19997	C	4ACSR	7.40Y	123.3	0.01	2.71	4.75	4	32	14	92	0.00	0.0	4.219	0.052	0	0	0	8
PL.1460	PL.38795	C	4ACSR	7.40Y	123.3	0.01	2.72	4.75	4	32	14	92	0.00	0.0	4.242	0.023	0	0	0	8
PL.1461	PL.1460	C	4ACSR	7.40Y	123.3	0.02	2.73	2.31	2	16	7	92	0.00	0.0	4.383	0.141	0	0	0	4
PL.1462	PL.1461	C	4ACSR	7.40Y	123.3	0.00	2.74	1.10	1	7	3	92	0.00	0.0	4.445	0.062	0	0	0	2
PL.5994	PL.1462	C	4ACSR	7.40Y	123.3	0.00	2.74	1.10	1	7	3	92	0.00	0.0	4.446	0.001	0	0	0	2
0188165	PL.5994	C	Consumer	7.40Y	123.3	0.00	2.74	0.57	0	4	2	89	0.00	0.0	4.446	0.000	4	2	1	1
PL.5995	PL.5994	C	4ACSR	7.40Y	123.3	0.00	2.74	0.52	0	4	2	89	0.00	0.0	4.503	0.057	0	0	0	1
018871	PL.5995	C	Consumer	7.40Y	123.3	0.00	2.74	0.52	0	4	2	89	0.00	0.0	4.503	0.000	4	2	1	1
018863	PL.1461	C	Consumer	7.40Y	123.3	0.00	2.73	0.86	0	6	3	89	0.00	0.0	4.383	0.000	6	3	1	1
0188160	PL.1461	C	Consumer	7.40Y	123.3	0.00	2.73	0.35	0	2	1	89	0.00	0.0	4.383	0.000	2	1	1	1
PL.1459	PL.1460	C	4ACSR	7.40Y	123.3	0.00	2.72	0.47	0	3	1	95	0.00	0.0	4.266	0.024	0	0	0	1
018859	PL.1459	C	Consumer	7.40Y	123.3	0.00	2.72	0.47	0	3	1	95	0.00	0.0	4.266	0.000	3	1	1	1
PL.1458	PL.1460	C	4ACSR	7.40Y	123.3	0.01	2.72	1.96	2	13	6	91	0.00	0.0	4.300	0.058	0	0	0	3
018876	PL.1458	C	Consumer	7.40Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	4.300	0.000	0	0	0	0
0188111	PL.1458	C	Consumer	7.40Y	123.3	0.00	2.72	1.00	0	7	3	92	0.00	0.0	4.300	0.000	7	3	1	1
018864	PL.1458	C	Consumer	7.40Y	123.3	0.00	2.72	0.48	0	3	1	95	0.00	0.0	4.300	0.000	3	1	1	1
PL.1272	PL.1458	C	4ACSR	7.40Y	123.3	0.00	2.72	0.48	0	3	1	95	0.00	0.0	4.366	0.067	0	0	0	1
0188139	PL.1272	C	Consumer	7.40Y	123.3	0.00	2.72	0.48	0	3	1	95	0.00	0.0	4.366	0.000	3	1	1	1
018861	PL.19997	C	Consumer	7.40Y	123.3	0.00	2.70	0.67	0	5	2	93	0.00	0.0	4.167	0.000	5	2	1	1
018890	PL.19997	C	Consumer	7.40Y	123.3	0.00	2.70	0.20	0	1	1	71	0.00	0.0	4.167	0.000	1	1	1	1
PL.38800	PL.17892	A	2ACSR	7.20Y	120.0	0.00	5.98	12.67	8	84	36	92	0.00	0.0	4.047	0.002	0	0	0	22
PD.6721	PL.38800	A	25E	7.20Y	120.0	0.00	5.98	12.67	51	84	36	92	0.00	0.0	4.047	0.000	0	0	0	22
PL.38801	PD.6721	A	2ACSR	7.20Y	120.0	0.02	6.00	12.67	8	84	36	92	0.01	0.0	4.088	0.041	0	0	0	22
PL.1280	PL.38801	A	4ACSR	7.20Y	120.0	0.00	6.00	0.92	1	6	3	89	0.00	0.0	4.122	0.034	0	0	0	2
018855	PL.1280	A	Consumer	7.20Y	120.0	0.00	6.00	0.90	0	6	3	89	0.00	0.0	4.122	0.000	6	3	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
0188154	PL.1280	A	Consumer	7.20Y	120.0	0.00	6.00	0.02	0	0	0	100	0.00	0.0	4.122	0.000	0	0	1	1
PL.38733	PL.38801	A	4ACSR	7.20Y	120.0	0.05	6.05	11.75	10	78	34	92	0.03	0.0	4.182	0.095	0	0	0	20
0188122	PL.38733	A	Consumer	7.20Y	120.0	0.00	6.05	0.81	0	5	2	93	0.00	0.0	4.182	0.000	5	2	1	1
PL.38802	PL.38733	A	4ACSR	7.20Y	119.9	0.04	6.08	10.94	9	72	31	92	0.02	0.0	4.253	0.070	0	0	0	19
PL.13935	PL.38802	A	4ACSR	7.19Y	119.9	0.02	6.10	8.43	7	56	24	92	0.01	0.0	4.300	0.047	0	0	0	14
0188146	PL.13935	A	Consumer	7.19Y	119.9	0.00	6.10	0.53	0	4	2	89	0.00	0.0	4.300	0.000	4	2	1	1
0188130	PL.13935	A	Consumer	7.19Y	119.9	0.00	6.10	0.00	0	0	0	100	0.00	0.0	4.300	0.000	0	0	0	0
PL.13936	PL.13935	A	4ACSR	7.19Y	119.9	0.02	6.12	7.90	7	52	23	91	0.01	0.0	4.353	0.054	0	0	0	13
PL.13937	PL.13936	A	4ACSR	7.19Y	119.9	0.02	6.14	7.64	6	50	22	92	0.01	0.0	4.410	0.056	0	0	0	11
PL.13938	PL.13937	A	4ACSR	7.19Y	119.8	0.01	6.15	6.13	5	40	18	91	0.00	0.0	4.448	0.038	0	0	0	8
PL.13939	PL.13938	A	4ACSR	7.19Y	119.8	0.02	6.17	4.88	4	32	14	92	0.00	0.0	4.518	0.070	0	0	0	6
0188141	PL.13939	A	Consumer	7.19Y	119.8	0.00	6.17	0.74	0	5	2	93	0.00	0.0	4.518	0.000	5	2	1	1
PL.5739	PL.13939	A	4ACSR	7.19Y	119.8	0.01	6.18	4.14	3	27	12	91	0.00	0.0	4.586	0.069	0	0	0	5
0188170	PL.5739	A	Consumer	7.19Y	119.8	0.00	6.18	0.78	0	5	2	93	0.00	0.0	4.586	0.000	5	2	1	1
PL.5740	PL.5739	A	4ACSR	7.19Y	119.8	0.01	6.19	3.36	3	22	10	91	0.00	0.0	4.645	0.059	0	0	0	4
PL.13940	PL.5740	A	4ACSR	7.19Y	119.8	0.01	6.20	2.09	2	14	6	92	0.00	0.0	4.719	0.074	0	0	0	3
PL.1281	PL.13940	A	4ACSR	7.19Y	119.8	0.00	6.20	0.45	0	3	1	95	0.00	0.0	4.811	0.091	0	0	0	1
018930	PL.1281	A	Consumer	7.19Y	119.8	0.00	6.20	0.45	0	3	1	95	0.00	0.0	4.811	0.000	3	1	1	1
PL.13941	PL.13940	A	4ACSR	7.19Y	119.8	0.00	6.20	1.64	1	11	5	91	0.00	0.0	4.766	0.046	0	0	0	2
018922	PL.13941	A	Consumer	7.19Y	119.8	0.00	6.20	0.63	0	4	2	89	0.00	0.0	4.766	0.000	4	2	1	1
018923	PL.13941	A	Consumer	7.19Y	119.8	0.00	6.20	1.01	0	7	3	92	0.00	0.0	4.766	0.000	7	3	1	1
018926	PL.13941	A	Consumer	7.19Y	119.8	0.00	6.20	0.00	0	0	0	100	0.00	0.0	4.766	0.000	0	0	0	0
018924	PL.5740	A	Consumer	7.19Y	119.8	0.00	6.19	1.27	0	8	4	89	0.00	0.0	4.645	0.000	8	4	1	1
0188129	PL.13938	A	Consumer	7.19Y	119.8	0.00	6.15	0.41	0	3	1	95	0.00	0.0	4.448	0.000	3	1	1	1
0188197	PL.13938	A	Consumer	7.19Y	119.8	0.00	6.15	0.84	0	6	2	95	0.00	0.0	4.448	0.000	0	0	0	1
0188175	0188197	A	Consumer	7.19Y	119.8	0.00	6.15	0.84	0	6	2	95	0.00	0.0	4.448	0.000	6	2	1	1
PL.1275	PL.13937	A	4ACSR	7.19Y	119.9	0.00	6.14	0.62	1	4	2	89	0.00	0.0	4.528	0.118	0	0	0	1
0188148	PL.1275	A	Consumer	7.19Y	119.9	0.00	6.14	0.62	0	4	2	89	0.00	0.0	4.528	0.000	4	2	1	1
0188123	PL.13937	A	Consumer	7.19Y	119.9	0.00	6.14	0.51	0	3	1	95	0.00	0.0	4.410	0.000	3	1	1	1
0188126	PL.13937	A	Consumer	7.19Y	119.9	0.00	6.14	0.38	0	3	1	95	0.00	0.0	4.410	0.000	3	1	1	1
0188133	PL.13936	A	Consumer	7.19Y	119.9	0.00	6.12	0.19	0	1	1	71	0.00	0.0	4.353	0.000	1	1	1	1
0188132	PL.13936	A	Consumer	7.19Y	119.9	0.00	6.12	0.00	0	0	0	100	0.00	0.0	4.353	0.000	0	0	0	0
0188134	PL.13936	A	Consumer	7.19Y	119.9	0.00	6.12	0.07	0	0	0	100	0.00	0.0	4.353	0.000	0	0	1	1
PL.1463	PL.38802	A	4ACSR	7.19Y	119.9	0.00	6.09	2.51	2	17	7	92	0.00	0.0	4.287	0.035	0	0	0	5
PL.13422	PL.1463	A	4ACSR	7.19Y	119.9	0.00	6.09	2.51	2	17	7	92	0.00	0.0	4.308	0.020	0	0	0	5
PL.27749	PL.13422	A	4ACSR	7.19Y	119.9	0.00	6.09	1.03	1	7	3	92	0.00	0.0	4.314	0.006	0	0	0	2
PD.2530	PL.27749	A	fuse6AMP	7.19Y	119.9	0.00	6.09	1.03	18	7	3	92	0.00	0.0	4.314	0.000	0	0	0	2
PL.35648	PD.2530	A	4ACSR	7.19Y	119.9	0.00	6.09	1.03	1	7	3	92	0.00	0.0	4.393	0.079	0	0	0	2

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
0188189	PL.35648	A	Consumer	7.19Y	119.9	0.00	6.09	0.44	0	3	1	95	0.00	0.0	4.393	0.000	3	1	1	1
PL.35649	PL.35648	A	4ACSR	7.19Y	119.9	0.01	6.10	0.59	0	4	2	89	0.00	0.0	4.697	0.304	0	0	0	1
018931	PL.35649	A	Consumer	7.19Y	119.9	0.00	6.10	0.59	0	4	2	89	0.00	0.0	4.697	0.000	4	2	1	1
PL.36761	PL.35649	A	2ACSR	7.19Y	119.9	0.00	6.10	0.00	0	0	0	100	0.00	0.0	4.942	0.245	0	0	0	0
PL.36762	PL.36761	A	2ACSR	7.19Y	119.9	0.00	6.10	0.00	0	0	0	100	0.00	0.0	5.246	0.304	0	0	0	0
0189032	PL.36761	A	Consumer	7.19Y	119.9	0.00	6.10	0.00	0	0	0	100	0.00	0.0	4.942	0.000	0	0	0	0
PL.13934	PL.13422	A	4ACSR	7.19Y	119.9	0.00	6.09	0.70	1	5	2	93	0.00	0.0	4.371	0.063	0	0	0	1
0188144	PL.13934	A	Consumer	7.19Y	119.9	0.00	6.09	0.70	0	5	2	93	0.00	0.0	4.371	0.000	5	2	1	1
0188125	PL.13422	A	Consumer	7.19Y	119.9	0.00	6.09	0.36	0	2	1	89	0.00	0.0	4.308	0.000	2	1	1	1
0188124	PL.13422	A	Consumer	7.19Y	119.9	0.00	6.09	0.42	0	3	1	95	0.00	0.0	4.308	0.000	3	1	1	1
PL.38788	PL.38789	A B C	1/0ACSR	7.20Y 7.37Y 7.40Y	120.1 122.8 123.4	0.00 0.00 0.00	5.94 3.17 2.65	10.20 9.97 9.93	5 5 5	69 69 69	26 26 26	94 94 94	0.00 0.00 0.00	0.0 0.0 0.0	3.896 0.013	0.013	0 0 0	0 0 0	0 0 0	0 0 0
PL.38738	PL.38788	A B C	1/0EPRJCN	7.20Y 7.37Y 7.40Y	120.0 122.8 123.3	0.02 0.02 0.02	5.96 3.19 2.66	10.20 9.97 9.93	5 5 5	69 69 69	26 26 26	94 94 94	0.03 0.00 0.00	0.0 0.0 0.0	4.005 0.109	0.109	0 0 0	0 0 0	0 0 0	0 0 0
PL.29233	PL.38738	A B C	1/0EPRJCN	7.20Y 7.37Y 7.40Y	120.0 122.8 123.3	0.01 0.01 0.01	5.97 3.20 2.67	10.23 10.00 9.95	5 5 5	69 69 69	26 26 26	94 93 93	0.02 0.00 0.00	0.0 0.0 0.0	4.069 0.064	0.064	0 0 0	0 0 0	0 0 0	0 0 0
018896	PL.29233	A B C	Consumer	7.20Y 7.37Y 7.40Y	120.0 122.8 123.3	0.00 0.00 0.00	5.97 3.20 2.67	10.24 10.01 9.97	0 0 0	69 69 69	27 27 27	93 93 93	0.00 0.00 0.00	0.0 0.0 0.0	4.069 0.000	0.000	69 69 69	27 27 27	0 0 0	0 0 0
PL.20595	PL.38794	B	4ACSR	7.37Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	3.932	0.054	0	0	0	3
PD.2524	PL.20595	B	fuse6AMP	7.37Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	3.932	0.000	0	0	0	3
PL.20596	PD.2524	B	4ACSR	7.37Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	3.978	0.046	0	0	0	3
PL.1271	PL.20596	B	4ACSR	7.37Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	4.038	0.061	0	0	0	1
0188142	PL.1271	B	Consumer	7.37Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	4.038	0.000	0	0	1	1
PL.45613	PL.20596	B	2ACSR	7.37Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	4.030	0.052	0	0	0	0
0188196	PL.45613	B	Consumer	7.37Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	4.030	0.000	0	0	0	0
0188178	PL.20596	B	Consumer	7.37Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	3.978	0.000	0	0	1	1
0188120	PL.20596	B	Consumer	7.37Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	3.978	0.000	0	0	1	1
0188184	PL.13417	B	Consumer	7.37Y	122.8	0.00	3.16	0.56	0	4	2	89	0.00	0.0	3.842	0.000	4	2	1	1
0188183	PL.13417	B	Consumer	7.37Y	122.8	0.00	3.16	0.25	0	2	1	89	0.00	0.0	3.842	0.000	2	1	1	1
PL.44327	PL.38740	B	4ACSR	7.37Y	122.8	0.00	3.16	1.93	2	13	6	91	0.00	0.0	3.807	0.004	0	0	0	4
PD.8403	PL.44327	B	fuse6AMP	7.37Y	122.8	0.00	3.16	1.93	33	13	6	91	0.00	0.0	3.807	0.000	0	0	0	4
PL.44328	PD.8403	B	4ACSR	7.37Y	122.8	0.00	3.16	1.93	2	13	6	91	0.00	0.0	3.842	0.036	0	0	0	4
018878	PL.44328	B	Consumer	7.37Y	122.8	0.00	3.16	0.10	0	1	0	100	0.00	0.0	3.842	0.000	1	0	1	1
018829	PL.44328	B	Consumer	7.37Y	122.8	0.00	3.16	0.78	0	5	2	93	0.00	0.0	3.842	0.000	5	2	1	1
0188194	PL.44328	B	Consumer	7.37Y	122.8	0.00	3.16	0.01	0	0	0	100	0.00	0.0	3.842	0.000	0	0	1	1
PL.22965	PL.44328	B	4ACSR	7.37Y	122.8	0.00	3.17	1.05	1	7	3	92	0.00	0.0	3.890	0.048	0	0	0	1
018865	PL.22965	B	Consumer	7.37Y	122.8	0.00	3.17	1.05	0	7	3	92	0.00	0.0	3.890	0.000	7	3	1	1
PL.45223	PL.44628	B	2ACSR	7.37Y	122.9	0.00	3.14	1.37	1	9	4	91	0.00	0.0	3.691	0.061	0	0	0	2

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
0188195	PL.45223	B	Consumer	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	3.691	0.000	0	0	0	0
018870	PL.45223	B	Consumer	7.37Y	122.9	0.00	3.14	1.05	0	7	3	92	0.00	0.0	3.691	0.000	7	3	1	1
018815	PL.45223	B	Consumer	7.37Y	122.9	0.00	3.14	0.32	0	2	1	89	0.00	0.0	3.691	0.000	2	1	1	1
PL.44627	PL.44628	B	2ACSR	7.37Y	122.9	0.00	3.13	0.01	0	0	0	100	0.00	0.0	3.663	0.033	0	0	0	1
0188193	PL.44627	B	Consumer	7.37Y	122.9	0.00	3.13	0.01	0	0	0	100	0.00	0.0	3.663	0.000	0	0	1	1
PL.45232	PL.13415	A	4ACSR	7.21Y	120.1	0.01	5.86	46.48	39	307	133	92	0.02	0.0	3.609	0.004	0	0	0	76
PD.8623-A	PL.45232	A	Closed	7.21Y	120.1	0.00	5.86	46.48	0	307	133	92	0.00	0.0	3.609	0.000	0	0	0	76
PD.8623-B	PD.8623-A	A	Closed	7.21Y	120.1	0.00	5.86	46.48	0	307	133	92	0.00	0.0	3.609	0.000	0	0	0	76
PL.45233	PD.8623-B	A	4ACSR	7.20Y	120.0	0.10	5.96	46.48	39	307	133	92	0.23	0.1	3.654	0.045	0	0	0	76
0188158	PL.45233	A	Consumer	7.20Y	120.0	0.00	5.96	0.54	0	4	2	89	0.00	0.0	3.654	0.000	4	2	1	1
PL.13412	PL.45233	A	4ACSR	7.20Y	119.9	0.09	6.05	45.95	39	304	132	92	0.21	0.1	3.696	0.042	0	0	0	75
PL.19106	PL.13412	A	4ACSR	7.20Y	119.9	0.01	6.06	36.19	30	239	104	92	0.02	0.0	3.701	0.005	0	0	0	65
PD.3355	PL.19106	A	50V4E	7.20Y	119.9	0.00	6.06	36.19	72	239	104	92	0.00	0.0	3.701	0.000	0	0	0	65
PL.19107	PD.3355	A	4ACSR	7.19Y	119.9	0.08	6.14	36.19	30	239	104	92	0.16	0.1	3.751	0.050	0	0	0	65
PL.43685	PL.19107	A	4ACSR	7.19Y	119.9	0.00	6.14	0.89	1	6	3	89	0.00	0.0	3.758	0.008	0	0	0	2
PD.8308	PL.43685	A	fuse6AMP	7.19Y	119.9	0.00	6.14	0.89	15	6	3	89	0.00	0.0	3.758	0.000	0	0	0	2
PL.43686	PD.8308	A	4ACSR	7.19Y	119.9	0.00	6.14	0.89	1	6	3	89	0.00	0.0	3.813	0.055	0	0	0	2
0188119	PL.43686	A	Consumer	7.19Y	119.9	0.00	6.14	0.89	0	6	3	89	0.00	0.0	3.813	0.000	6	3	1	1
0188171	PL.43686	A	Consumer	7.19Y	119.9	0.00	6.14	0.00	0	0	0	100	0.00	0.0	3.813	0.000	0	0	1	1
PL.28186	PL.19107	A	4ACSR	7.19Y	119.9	0.00	6.14	1.10	1	7	3	92	0.00	0.0	3.764	0.013	0	0	0	1
PD.3472	PL.28186	A	fuse6AMP	7.19Y	119.9	0.00	6.14	1.10	19	7	3	92	0.00	0.0	3.764	0.000	0	0	0	1
PL.28187	PD.3472	A	4ACSR	7.19Y	119.9	0.00	6.14	1.10	1	7	3	92	0.00	0.0	3.797	0.033	0	0	0	1
018837	PL.28187	A	Consumer	7.19Y	119.9	0.00	6.14	1.10	0	7	3	92	0.00	0.0	3.797	0.000	7	3	1	1
PL.13411	PL.19107	A	4ACSR	7.18Y	119.7	0.17	6.32	34.21	29	226	98	92	0.31	0.1	3.861	0.110	0	0	0	62
PL.13410	PL.13411	A	4ACSR	7.18Y	119.6	0.10	6.41	31.59	27	208	90	92	0.16	0.1	3.926	0.065	0	0	0	58
018854	PL.13410	A	Consumer	7.18Y	119.6	0.00	6.41	0.60	0	4	2	89	0.00	0.0	3.926	0.000	4	2	1	1
018853	PL.13410	A	Consumer	7.18Y	119.6	0.00	6.41	0.25	0	2	1	89	0.00	0.0	3.926	0.000	2	1	1	1
018852	PL.13410	A	Consumer	7.18Y	119.6	0.00	6.41	0.77	0	5	2	93	0.00	0.0	3.926	0.000	5	2	1	1
PL.19998	PL.13410	A	4ACSR	7.18Y	119.6	0.00	6.41	2.57	2	17	7	92	0.00	0.0	3.931	0.005	0	0	0	4
PD.1780	PL.19998	A	fuse6AMP	7.18Y	119.6	0.00	6.41	2.57	44	17	7	92	0.00	0.0	3.931	0.000	0	0	0	4
PL.19999	PD.1780	A	4ACSR	7.18Y	119.6	0.00	6.41	2.57	2	17	7	92	0.00	0.0	3.932	0.001	0	0	0	4
PL.17110	PL.19999	A	4ACSR	7.18Y	119.6	0.00	6.41	0.66	1	4	2	89	0.00	0.0	4.005	0.073	0	0	0	1
018847	PL.17110	A	Consumer	7.18Y	119.6	0.00	6.41	0.66	0	4	2	89	0.00	0.0	4.005	0.000	4	2	1	1
PL.1452	PL.19999	A	4ACSR	7.18Y	119.6	0.01	6.42	1.91	2	13	5	93	0.00	0.0	3.990	0.058	0	0	0	3
018862	PL.1452	A	Consumer	7.18Y	119.6	0.00	6.42	0.03	0	0	0	100	0.00	0.0	3.990	0.000	0	0	1	1
018841	PL.1452	A	Consumer	7.18Y	119.6	0.00	6.42	1.17	0	8	3	94	0.00	0.0	3.990	0.000	8	3	1	1
018833	PL.1452	A	Consumer	7.18Y	119.6	0.00	6.42	0.70	0	5	2	93	0.00	0.0	3.990	0.000	5	2	1	1
PL.13408	PL.13410	A	4ACSR	7.17Y	119.5	0.07	6.48	26.78	23	176	76	92	0.10	0.1	3.983	0.057	0	0	0	50

Unbalanced Voltage Drop Report
Source: STANTON

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, 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: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
018889	PL.4854	A	Consumer	7.15Y	119.2	0.00	6.76	0.00	0	0	0	100	0.00	0.0	4.537	0.000	0	0	1	1
0188110	PL.4853	A	Consumer	7.15Y	119.2	0.00	6.75	0.00	0	0	0	100	0.00	0.0	4.491	0.000	0	0	1	1
018886	PL.4853	A	Consumer	7.15Y	119.2	0.00	6.75	0.00	0	0	0	100	0.00	0.0	4.491	0.000	0	0	0	0
018879	PL.20858	A	Consumer	7.15Y	119.2	0.00	6.75	0.62	0	4	2	89	0.00	0.0	4.445	0.000	4	2	1	1
0188156	PL.20858	A	Consumer	7.15Y	119.2	0.00	6.75	0.03	0	0	0	100	0.00	0.0	4.445	0.000	0	0	1	1
PL.43679	PL.13407	A	4ACSR	7.15Y	119.2	0.00	6.75	1.80	2	12	5	92	0.00	0.0	4.402	0.006	0	0	0	4
PD.8305	PL.43679	A	fuse6AMP	7.15Y	119.2	0.00	6.75	1.80	31	12	5	92	0.00	0.0	4.402	0.000	0	0	0	4
PL.43680	PD.8305	A	4ACSR	7.15Y	119.2	0.01	6.76	1.80	2	12	5	92	0.00	0.0	4.466	0.064	0	0	0	4
0188113	PL.43680	A	Consumer	7.15Y	119.2	0.00	6.76	0.47	0	3	1	95	0.00	0.0	4.466	0.000	3	1	1	1
0188102	PL.43680	A	Consumer	7.15Y	119.2	0.00	6.76	0.55	0	4	2	89	0.00	0.0	4.466	0.000	4	2	1	1
0188101	PL.43680	A	Consumer	7.15Y	119.2	0.00	6.76	0.54	0	4	2	89	0.00	0.0	4.466	0.000	4	2	1	1
0188117	PL.43680	A	Consumer	7.15Y	119.2	0.00	6.76	0.25	0	2	1	89	0.00	0.0	4.466	0.000	2	1	1	1
0188138	PL.13407	A	Consumer	7.15Y	119.2	0.00	6.75	0.80	0	5	2	93	0.00	0.0	4.396	0.000	5	2	1	1
0188169	PL.13407	A	Consumer	7.15Y	119.2	0.00	6.75	0.59	0	4	2	89	0.00	0.0	4.396	0.000	4	2	1	1
0188116	PL.13405	A	Consumer	7.16Y	119.3	0.00	6.73	0.00	0	0	0	100	0.00	0.0	4.313	0.000	0	0	0	0
018877	PL.13405	A	Consumer	7.16Y	119.3	0.00	6.73	0.60	0	4	2	89	0.00	0.0	4.313	0.000	4	2	1	1
018873	PL.13405	A	Consumer	7.16Y	119.3	0.00	6.73	0.75	0	5	2	93	0.00	0.0	4.313	0.000	5	2	1	1
018880	PL.13933	A	Consumer	7.16Y	119.3	0.00	6.70	0.61	0	4	2	89	0.00	0.0	4.215	0.000	4	2	1	1
018805	PL.13933	A	Consumer	7.16Y	119.3	0.00	6.70	0.60	0	4	2	89	0.00	0.0	4.215	0.000	4	2	1	1
0188108	PL.13933	A	Consumer	7.16Y	119.3	0.00	6.70	0.83	0	5	2	93	0.00	0.0	4.215	0.000	5	2	1	1
PL.43677	PL.13933	A	4ACSR	7.16Y	119.3	0.00	6.70	2.98	3	20	8	93	0.00	0.0	4.223	0.009	0	0	0	3
PD.8304	PL.43677	A	fuse6AMP	7.16Y	119.3	0.00	6.70	2.98	51	20	8	93	0.00	0.0	4.223	0.000	0	0	0	3
PL.43678	PD.8304	A	4ACSR	7.16Y	119.3	0.01	6.71	2.98	3	20	8	93	0.00	0.0	4.280	0.056	0	0	0	3
0188107	PL.43678	A	Consumer	7.16Y	119.3	0.00	6.71	1.21	0	8	3	94	0.00	0.0	4.280	0.000	8	3	1	1
0188121	PL.43678	A	Consumer	7.16Y	119.3	0.00	6.71	1.13	0	7	3	92	0.00	0.0	4.280	0.000	7	3	1	1
PL.39799	PL.43678	A	2ACSR	7.16Y	119.3	0.00	6.71	0.64	0	4	2	89	0.00	0.0	4.307	0.027	0	0	0	1
0188161	PL.39799	A	Consumer	7.16Y	119.3	0.00	6.71	0.64	0	4	2	89	0.00	0.0	4.307	0.000	4	2	1	1
0188162	PL.13932	A	Consumer	7.16Y	119.3	0.00	6.69	0.45	0	3	1	95	0.00	0.0	4.199	0.000	3	1	1	1
018892	PL.13932	A	Consumer	7.16Y	119.3	0.00	6.69	0.04	0	0	0	100	0.00	0.0	4.199	0.000	0	0	1	1
018895	PL.13932	A	Consumer	7.16Y	119.3	0.00	6.69	0.09	0	1	0	100	0.00	0.0	4.199	0.000	1	0	1	1
PL.4849	PL.5948	A	4ACSR	7.16Y	119.4	0.02	6.62	6.17	5	41	18	92	0.01	0.0	4.152	0.071	0	0	0	11
018836	PL.4849	A	Consumer	7.16Y	119.4	0.00	6.62	0.95	0	6	3	89	0.00	0.0	4.152	0.000	6	3	1	1
018844	PL.4849	A	Consumer	7.16Y	119.4	0.00	6.62	0.53	0	3	2	83	0.00	0.0	4.152	0.000	3	2	1	1
PL.4850	PL.4849	A	4ACSR	7.16Y	119.4	0.01	6.63	4.69	4	31	13	92	0.00	0.0	4.187	0.036	0	0	0	9
PL.4846	PL.4850	A	4ACSR	7.16Y	119.4	0.00	6.63	2.73	2	18	8	91	0.00	0.0	4.216	0.029	0	0	0	6
PL.4847	PL.4846	A	4ACSR	7.16Y	119.4	0.01	6.64	2.73	2	18	8	91	0.00	0.0	4.278	0.062	0	0	0	6
PL.4848	PL.4847	A	4ACSR	7.16Y	119.4	0.01	6.64	2.58	2	17	7	92	0.00	0.0	4.336	0.058	0	0	0	5
0188152	PL.4848	A	Consumer	7.16Y	119.4	0.00	6.64	0.39	0	3	1	95	0.00	0.0	4.336	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
018884	PL.4848	A	Consumer	7.16Y	119.4	0.00	6.64	0.88	0	6	3	89	0.00	0.0	4.336	0.000	6	3	1	1
0188105	PL.4848	A	Consumer	7.16Y	119.4	0.00	6.64	0.01	0	0	0	100	0.00	0.0	4.336	0.000	0	0	1	1
018881	PL.4848	A	Consumer	7.16Y	119.4	0.00	6.64	0.00	0	0	0	100	0.00	0.0	4.336	0.000	0	0	0	0
PL.13930	PL.4848	A	4ACSR	7.16Y	119.4	0.00	6.65	1.30	1	9	4	91	0.00	0.0	4.371	0.035	0	0	0	2
PL.13931	PL.13930	A	4ACSR	7.16Y	119.4	0.00	6.65	0.00	0	0	0	100	0.00	0.0	4.416	0.046	0	0	0	0
PL.30831	PL.13931	A	4ACSR	7.16Y	119.4	0.00	6.65	0.00	0	0	0	100	0.00	0.0	4.459	0.042	0	0	0	0
PD.138-A	PL.30831	A	Open	7.16Y	119.4	0.00	6.65	0.00	0	0	0	100	0.00	0.0	4.459	0.000	0	0	0	0
PL.13928	PL.13930	A	4ACSR	7.16Y	119.3	0.00	6.65	1.30	1	9	4	91	0.00	0.0	4.442	0.071	0	0	0	2
PL.1276	PL.13928	A	4ACSR	7.16Y	119.3	0.00	6.65	0.00	0	0	0	100	0.00	0.0	4.523	0.081	0	0	0	0
PL.13929	PL.13928	A	4ACSR	7.16Y	119.3	0.00	6.65	1.30	1	9	4	91	0.00	0.0	4.477	0.035	0	0	0	2
PL.13927	PL.13929	A	4ACSR	7.16Y	119.3	0.00	6.65	0.35	0	2	1	89	0.00	0.0	4.646	0.169	0	0	0	1
0188159	PL.13927	A	Consumer	7.16Y	119.3	0.00	6.65	0.35	0	2	1	89	0.00	0.0	4.646	0.000	2	1	1	1
0188155	PL.13929	A	Consumer	7.16Y	119.3	0.00	6.65	0.95	0	6	3	89	0.00	0.0	4.477	0.000	6	3	1	1
018801	PL.4847	A	Consumer	7.16Y	119.4	0.00	6.64	0.15	0	1	0	100	0.00	0.0	4.278	0.000	1	0	1	1
018830	PL.4850	A	Consumer	7.16Y	119.4	0.00	6.63	1.02	0	7	3	92	0.00	0.0	4.187	0.000	7	3	1	1
018846	PL.4850	A	Consumer	7.16Y	119.4	0.00	6.63	0.93	0	6	3	89	0.00	0.0	4.187	0.000	6	3	1	1
018885	PL.4850	A	Consumer	7.16Y	119.4	0.00	6.63	0.00	0	0	0	100	0.00	0.0	4.187	0.000	0	0	1	1
PL.20466	PL.5948	A	4ACSR	7.16Y	119.4	0.00	6.60	1.26	1	8	4	89	0.00	0.0	4.090	0.009	0	0	0	2
PD.1782	PL.20466	A	fuse6AMP	7.16Y	119.4	0.00	6.60	1.26	22	8	4	89	0.00	0.0	4.090	0.000	0	0	0	2
PL.20547	PD.1782	A	4ACSR	7.16Y	119.4	0.00	6.60	1.26	1	8	4	89	0.00	0.0	4.131	0.041	0	0	0	2
PL.1451	PL.20547	A	4ACSR	7.16Y	119.4	0.00	6.60	0.81	1	5	2	93	0.00	0.0	4.166	0.035	0	0	0	1
018840	PL.1451	A	Consumer	7.16Y	119.4	0.00	6.60	0.81	0	5	2	93	0.00	0.0	4.166	0.000	5	2	1	1
0188190	PL.20547	A	Consumer	7.16Y	119.4	0.00	6.60	0.45	0	3	1	95	0.00	0.0	4.131	0.000	3	1	1	1
PL.20905	PL.13409	A	4ACSR	7.17Y	119.5	0.00	6.54	0.40	0	3	1	95	0.00	0.0	4.047	0.013	0	0	0	1
PD.1781	PL.20905	A	fuse6AMP	7.17Y	119.5	0.00	6.54	0.40	7	3	1	95	0.00	0.0	4.047	0.000	0	0	0	1
PL.20906	PD.1781	A	4ACSR	7.17Y	119.5	0.00	6.54	0.40	0	3	1	95	0.00	0.0	4.085	0.039	0	0	0	1
018838	PL.20906	A	Consumer	7.17Y	119.5	0.00	6.54	0.40	0	3	1	95	0.00	0.0	4.085	0.000	3	1	1	1
PL.43687	PL.13408	A	4ACSR	7.17Y	119.5	0.00	6.48	0.51	0	3	1	95	0.00	0.0	3.987	0.005	0	0	0	1
PD.8309	PL.43687	A	fuse6AMP	7.17Y	119.5	0.00	6.48	0.51	9	3	1	95	0.00	0.0	3.987	0.000	0	0	0	1
PL.43688	PD.8309	A	4ACSR	7.17Y	119.5	0.00	6.48	0.51	0	3	1	95	0.00	0.0	4.011	0.023	0	0	0	1
0188173	PL.43688	A	Consumer	7.17Y	119.5	0.00	6.48	0.51	0	3	1	95	0.00	0.0	4.011	0.000	3	1	1	1
PL.1284	PL.13410	A	4ACSR	7.18Y	119.6	0.00	6.41	0.62	1	4	2	89	0.00	0.0	4.004	0.078	0	0	0	1
0188177	PL.1284	A	Consumer	7.18Y	119.6	0.00	6.41	0.62	0	4	2	89	0.00	0.0	4.004	0.000	4	2	1	1
PL.20106	PL.13411	A	4ACSR	7.18Y	119.7	0.00	6.32	2.62	2	17	7	92	0.00	0.0	3.867	0.007	0	0	0	4
PD.1779	PL.20106	A	fuse6AMP	7.18Y	119.7	0.00	6.32	2.62	45	17	7	92	0.00	0.0	3.867	0.000	0	0	0	4
PL.20107	PD.1779	A	4ACSR	7.18Y	119.7	0.00	6.32	2.62	2	17	7	92	0.00	0.0	3.891	0.024	0	0	0	4
PL.1445	PL.20107	A	4ACSR	7.18Y	119.7	0.00	6.32	0.73	1	5	2	93	0.00	0.0	3.983	0.092	0	0	0	1
018850	PL.1445	A	Consumer	7.18Y	119.7	0.00	6.32	0.73	0	5	2	93	0.00	0.0	3.983	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
0188192	PL.1445	A	Consumer	7.18Y	119.7	0.00	6.32	0.00	0	0	0	100	0.00	0.0	3.983	0.000	0	0	0	0
PL.1446	PL.20107	A	4ACSR	7.18Y	119.7	0.01	6.33	1.89	2	12	5	92	0.00	0.0	3.963	0.072	0	0	0	3
018857	PL.1446	A	Consumer	7.18Y	119.7	0.00	6.33	0.46	0	3	1	95	0.00	0.0	3.963	0.000	3	1	1	1
018803	PL.1446	A	Consumer	7.18Y	119.7	0.00	6.33	0.91	0	6	3	89	0.00	0.0	3.963	0.000	6	3	1	1
018851	PL.1446	A	Consumer	7.18Y	119.7	0.00	6.33	0.52	0	3	1	95	0.00	0.0	3.963	0.000	3	1	1	1
PL.43681	PL.13412	A	4ACSR	7.20Y	119.9	0.00	6.05	0.78	1	5	2	93	0.00	0.0	3.701	0.006	0	0	0	2
PD.8306	PL.43681	A	fuse6AMP	7.20Y	119.9	0.00	6.05	0.78	13	5	2	93	0.00	0.0	3.701	0.000	0	0	0	2
PL.43682	PD.8306	A	4ACSR	7.20Y	119.9	0.00	6.05	0.78	1	5	2	93	0.00	0.0	3.746	0.044	0	0	0	2
018848	PL.43682	A	Consumer	7.20Y	119.9	0.00	6.05	0.50	0	3	1	95	0.00	0.0	3.746	0.000	3	1	1	1
018823	PL.43682	A	Consumer	7.20Y	119.9	0.00	6.05	0.29	0	2	1	89	0.00	0.0	3.746	0.000	2	1	1	1
PL.43683	PL.13412	A	4ACSR	7.20Y	119.9	0.00	6.05	8.97	8	59	26	92	0.00	0.0	3.702	0.006	0	0	0	8
C PD.8307	PL.43683	A	fuse6AMP	7.20Y	119.9	0.00	6.05	8.97	153	59	26	92	0.00	0.0	3.702	0.000	0	0	0	8 C
PL.43684	PD.8307	A	4ACSR	7.20Y	119.9	0.01	6.07	8.97	8	59	26	92	0.01	0.0	3.735	0.034	0	0	0	8
PL.5992	PL.43684	A	4ACSR	7.19Y	119.9	0.02	6.08	8.22	7	54	23	92	0.01	0.0	3.780	0.045	0	0	0	6
0188186	PL.5992	A	Consumer	7.19Y	119.9	0.00	6.08	0.64	0	4	2	89	0.00	0.0	3.780	0.000	4	2	1	1
0188150	PL.5992	A	Consumer	7.19Y	119.9	0.00	6.08	1.01	0	7	3	92	0.00	0.0	3.780	0.000	7	3	1	1
PL.13413	PL.5992	A	4ACSR	7.19Y	119.9	0.02	6.11	6.57	6	43	19	91	0.01	0.0	3.854	0.074	0	0	0	4
PL.1279	PL.13413	A	4ACSR	7.19Y	119.9	0.01	6.11	4.55	4	30	13	92	0.00	0.0	3.888	0.034	0	0	0	1
0188164	PL.1279	A	Consumer	7.19Y	119.9	0.00	6.11	4.55	0	30	13	92	0.00	0.0	3.888	0.000	30	13	1	1
0188172	PL.13413	A	Consumer	7.19Y	119.9	0.00	6.11	0.69	0	5	2	93	0.00	0.0	3.854	0.000	5	2	1	1
0188182	PL.13413	A	Consumer	7.19Y	119.9	0.00	6.11	0.56	0	4	2	89	0.00	0.0	3.854	0.000	4	2	1	1
PL.13414	PL.13413	A	4ACSR	7.19Y	119.9	0.00	6.11	0.77	1	5	2	93	0.00	0.0	3.876	0.021	0	0	0	1
0188149	PL.13414	A	Consumer	7.19Y	119.9	0.00	6.11	0.77	0	5	2	93	0.00	0.0	3.876	0.000	5	2	1	1
0188140	PL.43684	A	Consumer	7.20Y	119.9	0.00	6.07	0.34	0	2	1	89	0.00	0.0	3.735	0.000	2	1	1	1
0188163	PL.43684	A	Consumer	7.20Y	119.9	0.00	6.07	0.41	0	3	1	95	0.00	0.0	3.735	0.000	3	1	1	1
PL.18638	PL.13415	A	4ACSR	7.21Y	120.1	0.00	5.86	2.34	2	15	7	91	0.00	0.0	3.616	0.011	0	0	0	9
PD.1778	PL.18638	A	fuse6AMP	7.21Y	120.1	0.00	5.86	2.34	40	15	7	91	0.00	0.0	3.616	0.000	0	0	0	9
PL.18639	PD.1778	A	4ACSR	7.21Y	120.1	0.00	5.86	2.34	2	15	7	91	0.00	0.0	3.645	0.029	0	0	0	9
PL.5825	PL.18639	A	4ACSR	7.21Y	120.1	0.01	5.87	2.23	2	15	6	93	0.00	0.0	3.701	0.056	0	0	0	8
PL.1453	PL.5825	A	4ACSR	7.21Y	120.1	0.01	5.87	1.43	1	9	4	91	0.00	0.0	3.787	0.086	0	0	0	3
PL.1268	PL.1453	A	4ACSR	7.21Y	120.1	0.00	5.87	0.56	0	4	2	89	0.00	0.0	3.848	0.060	0	0	0	1
0188127	PL.1268	A	Consumer	7.21Y	120.1	0.00	5.87	0.56	0	4	2	89	0.00	0.0	3.848	0.000	4	2	1	1
018858	PL.1453	A	Consumer	7.21Y	120.1	0.00	5.87	0.38	0	3	1	95	0.00	0.0	3.787	0.000	3	1	1	1
018856	PL.1453	A	Consumer	7.21Y	120.1	0.00	5.87	0.49	0	3	1	95	0.00	0.0	3.787	0.000	3	1	1	1
PL.1447	PL.5825	A	4ACSR	7.21Y	120.1	0.00	5.87	0.35	0	2	1	89	0.00	0.0	3.730	0.029	0	0	0	3
018869	PL.1447	A	Consumer	7.21Y	120.1	0.00	5.87	0.00	0	0	0	100	0.00	0.0	3.730	0.000	0	0	0	0
0188185	PL.1447	A	Consumer	7.21Y	120.1	0.00	5.87	0.01	0	0	0	100	0.00	0.0	3.730	0.000	0	0	1	1
018824	PL.1447	A	Consumer	7.21Y	120.1	0.00	5.87	0.22	0	1	1	71	0.00	0.0	3.730	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
018817	PL.1447	A	Consumer	7.21Y	120.1	0.00	5.87	0.12	0	1	0	100	0.00	0.0	3.730	0.000	1	0	1	1
018868	PL.1447	A	Consumer	7.21Y	120.1	0.00	5.87	0.00	0	0	0	100	0.00	0.0	3.730	0.000	0	0	0	0
0188115	PL.5825	A	Consumer	7.21Y	120.1	0.00	5.87	0.45	0	3	1	95	0.00	0.0	3.701	0.000	3	1	1	1
018849	PL.5825	A	Consumer	7.21Y	120.1	0.00	5.87	0.00	0	0	0	100	0.00	0.0	3.701	0.000	0	0	1	1
0188104	PL.18639	A	Consumer	7.21Y	120.1	0.00	5.86	0.10	0	1	0	100	0.00	0.0	3.645	0.000	1	0	1	1
018808	PL.13415	A	Consumer	7.21Y	120.1	0.00	5.86	0.00	0	0	0	100	0.00	0.0	3.605	0.000	0	0	0	0
PL.27693	PL.13415	A	4ACSR	7.21Y	120.1	0.00	5.86	1.08	1	7	3	92	0.00	0.0	3.615	0.010	0	0	0	2
PD.2556	PL.27693	A	fuse6AMP	7.21Y	120.1	0.00	5.86	1.08	18	7	3	92	0.00	0.0	3.615	0.000	0	0	0	2
PL.27694	PD.2556	A	4ACSR	7.21Y	120.1	0.00	5.86	1.08	1	7	3	92	0.00	0.0	3.646	0.031	0	0	0	2
018893	PL.27694	A	Consumer	7.21Y	120.1	0.00	5.86	0.21	0	1	1	71	0.00	0.0	3.646	0.000	1	1	1	1
018820	PL.27694	A	Consumer	7.21Y	120.1	0.00	5.86	0.87	0	6	2	95	0.00	0.0	3.646	0.000	6	2	1	1
0188181	PL.13971	B	Consumer	7.37Y	122.9	0.00	3.14	0.01	0	0	0	100	0.00	0.0	3.518	0.000	0	0	1	1
018818	PL.13970	B	Consumer	7.37Y	122.9	0.00	3.15	0.17	0	1	1	71	0.00	0.0	3.489	0.000	1	1	1	1
PL.17108	PL.13969	A	4ACSR	7.22Y	120.3	0.00	5.70	2.82	2	19	8	92	0.00	0.0	3.446	0.008	0	0	0	5
PD.1783	PL.17108	A	fuse6AMP	7.22Y	120.3	0.00	5.70	2.82	48	19	8	92	0.00	0.0	3.446	0.000	0	0	0	5
PL.17109	PD.1783	A	4ACSR	7.22Y	120.3	0.00	5.70	2.82	2	19	8	92	0.00	0.0	3.483	0.037	0	0	0	5
019820	PL.17109	A	Consumer	7.22Y	120.3	0.00	5.70	1.10	0	7	3	92	0.00	0.0	3.483	0.000	7	3	1	1
019819	PL.17109	A	Consumer	7.22Y	120.3	0.00	5.70	0.41	0	3	1	95	0.00	0.0	3.483	0.000	3	1	1	1
019830	PL.17109	A	Consumer	7.22Y	120.3	0.00	5.70	0.90	0	6	3	89	0.00	0.0	3.483	0.000	6	3	1	1
019856	PL.17109	A	Consumer	7.22Y	120.3	0.00	5.70	0.02	0	0	0	100	0.00	0.0	3.483	0.000	0	0	1	1
PL.5743	PL.17109	A	4ACSR	7.22Y	120.3	0.00	5.70	0.39	0	3	1	95	0.00	0.0	3.484	0.001	0	0	0	1
PL.5741	PL.5743	A	4ACSR	7.22Y	120.3	0.00	5.70	0.39	0	3	1	95	0.00	0.0	3.503	0.020	0	0	0	1
PL.5742	PL.5741	A	4ACSR	7.22Y	120.3	0.00	5.70	0.39	0	3	1	95	0.00	0.0	3.553	0.050	0	0	0	1
019863	PL.5742	A	Consumer	7.22Y	120.3	0.00	5.70	0.39	0	3	1	95	0.00	0.0	3.553	0.000	3	1	1	1
PL.27751	PL.19004	A	4ACSR	7.22Y	120.4	0.00	5.63	1.12	1	7	3	92	0.00	0.0	3.387	0.012	0	0	0	1
PD.1784	PL.27751	A	fuse6AMP	7.22Y	120.4	0.00	5.63	1.12	19	7	3	92	0.00	0.0	3.387	0.000	0	0	0	1
PL.27752	PD.1784	A	4ACSR	7.22Y	120.4	0.00	5.64	1.12	1	7	3	92	0.00	0.0	3.450	0.063	0	0	0	1
019838	PL.27752	A	Consumer	7.22Y	120.4	0.00	5.64	1.12	0	7	3	92	0.00	0.0	3.450	0.000	7	3	1	1
019851	PL.19004	B	Consumer	7.37Y	122.8	0.00	3.17	0.03	0	0	0	100	0.00	0.0	3.375	0.000	0	0	1	1
019806	PL.19004	B	Consumer	7.37Y	122.8	0.00	3.17	0.30	0	2	1	89	0.00	0.0	3.375	0.000	2	1	1	1
019837	PL.19004	B	Consumer	7.37Y	122.8	0.00	3.17	0.74	0	5	2	93	0.00	0.0	3.375	0.000	5	2	1	1
019827	PL.13965	C	Consumer	7.41Y	123.5	0.00	2.46	0.77	0	5	2	93	0.00	0.0	3.197	0.000	5	2	1	1
PL.17919	PL.13964	A	4ACSR	7.24Y	120.6	0.00	5.41	2.05	2	14	6	92	0.00	0.0	3.166	0.007	0	0	0	2
PD.1786	PL.17919	A	fuse6AMP	7.24Y	120.6	0.00	5.41	2.05	35	14	6	92	0.00	0.0	3.166	0.000	0	0	0	2
PL.17920	PD.1786	A	4ACSR	7.24Y	120.6	0.00	5.41	2.05	2	14	6	92	0.00	0.0	3.178	0.012	0	0	0	2
019855	PL.17920	A	Consumer	7.24Y	120.6	0.00	5.41	1.18	0	8	3	94	0.00	0.0	3.178	0.000	8	3	1	1
019835	PL.17920	A	Consumer	7.24Y	120.6	0.00	5.41	0.88	0	6	3	89	0.00	0.0	3.178	0.000	6	3	1	1
019854	PL.13963	B	Consumer	7.37Y	122.8	0.00	3.19	0.12	0	1	0	100	0.00	0.0	3.066	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
019823	PL.13963	B	Consumer	7.37Y	122.8	0.00	3.19	0.48	0	3	1	95	0.00	0.0	3.066	0.000	3	1	1	1
019852	PL.13963	B	Consumer	7.37Y	122.8	0.00	3.19	0.11	0	1	0	100	0.00	0.0	3.066	0.000	1	0	1	1
019808	PL.13963	B	Consumer	7.37Y	122.8	0.00	3.19	0.00	0	0	0	100	0.00	0.0	3.066	0.000	0	0	0	0
019811	PL.13963	B	Consumer	7.37Y	122.8	0.00	3.19	0.06	0	0	0	100	0.00	0.0	3.066	0.000	0	0	1	1
019826	PL.13963	B	Consumer	7.37Y	122.8	0.00	3.19	1.10	0	7	3	92	0.00	0.0	3.066	0.000	7	3	1	1
PL.20711	PL.28523	A	336ACSR	7.25Y	120.9	0.00	5.14	0.00	0	0	0	100	0.00	0.0	3.008	0.022	0	0	0	0
		B		7.37Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0			0	0	0	0
		C		7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0			0	0	0	0
PD.3651	PL.20711	A	fuse6AMP	7.25Y	120.9	0.00	5.14	0.00	0	0	0	100	0.00	0.0	3.008	0.000	0	0	0	0
		B		7.37Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0			0	0	0	0
		C		7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0			0	0	0	0
PL.20712	PD.3651	A	336ACSR	7.25Y	120.9	0.00	5.14	0.00	0	0	0	100	0.00	0.0	3.075	0.066	0	0	0	0
		B		7.37Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0			0	0	0	0
		C		7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0			0	0	0	0
070842	PL.13960	A	Consumer	7.26Y	121.1	0.00	4.93	0.02	0	0	0	100	0.00	0.0	2.891	0.000	0	0	1	1
070861	PL.33216	B	Consumer	7.38Y	122.9	0.00	3.06	0.59	0	4	2	89	0.00	0.0	2.743	0.000	4	2	1	1
070802	PL.33216	B	Consumer	7.38Y	122.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	2.743	0.000	0	0	0	0
PL.4520	PL.33216	B	4ACSR	7.38Y	122.9	0.00	3.06	0.45	0	3	1	95	0.00	0.0	2.795	0.052	0	0	0	1
070811	PL.4520	B	Consumer	7.38Y	122.9	0.00	3.06	0.45	0	3	1	95	0.00	0.0	2.795	0.000	3	1	1	1
PL.17528	PL.13957	C	4ACSR	7.43Y	123.8	0.00	2.21	2.24	2	15	7	91	0.00	0.0	2.612	0.005	0	0	0	5
PD.3217	PL.17528	C	fuse6AMP	7.43Y	123.8	0.00	2.21	2.24	38	15	7	91	0.00	0.0	2.612	0.000	0	0	0	5
PL.17529	PD.3217	C	4ACSR	7.43Y	123.8	0.01	2.22	2.24	2	15	7	91	0.00	0.0	2.696	0.084	0	0	0	5
PL.4806	PL.17529	C	4ACSR	7.43Y	123.8	0.00	2.22	1.37	1	9	4	91	0.00	0.0	2.765	0.069	0	0	0	3
070832	PL.4806	C	Consumer	7.43Y	123.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	2.765	0.000	0	0	1	1
070838	PL.4806	C	Consumer	7.43Y	123.8	0.00	2.22	0.64	0	4	2	89	0.00	0.0	2.765	0.000	4	2	1	1
070843	PL.4806	C	Consumer	7.43Y	123.8	0.00	2.22	0.73	0	5	2	93	0.00	0.0	2.765	0.000	5	2	1	1
PL.4807	PL.17529	C	4ACSR	7.43Y	123.8	0.00	2.22	0.87	1	6	3	89	0.00	0.0	2.743	0.047	0	0	0	2
070803	PL.4807	C	Consumer	7.43Y	123.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	2.743	0.000	0	0	0	0
070865	PL.4807	C	Consumer	7.43Y	123.8	0.00	2.22	0.85	0	6	3	89	0.00	0.0	2.743	0.000	6	3	1	1
070870	PL.4807	C	Consumer	7.43Y	123.8	0.00	2.22	0.02	0	0	0	100	0.00	0.0	2.743	0.000	0	0	1	1
PL.17521	PL.380	B	4ACSR	7.38Y	123.0	0.02	2.96	31.33	26	212	92	92	0.04	0.0	2.405	0.017	0	0	0	61
PL.18575	PL.17521	B	4ACSR	7.38Y	123.0	0.04	3.00	31.33	26	212	92	92	0.06	0.0	2.430	0.024	0	0	0	61
PD.3624	PL.18575	B	70V4E	7.38Y	123.0	0.00	3.00	31.33	45	212	92	92	0.00	0.0	2.430	0.000	0	0	0	61
PL.21480	PD.3624	B	4ACSR	7.38Y	122.9	0.06	3.05	31.33	26	212	92	92	0.09	0.0	2.469	0.039	0	0	0	61
PL.35065	PL.21480	B	4ACSR	7.38Y	122.9	0.02	3.07	31.33	26	212	92	92	0.03	0.0	2.481	0.013	0	0	0	61
PL.35066	PL.35065	B	4ACSR	7.37Y	122.8	0.08	3.15	30.68	26	208	90	92	0.13	0.1	2.538	0.057	0	0	0	60
PL.35069	PL.35066	B	4ACSR	7.37Y	122.8	0.00	3.15	3.67	3	25	11	92	0.00	0.0	2.544	0.006	0	0	0	8
PD.5186	PL.35069	B	fuse6AMP	7.37Y	122.8	0.00	3.15	3.67	63	25	11	92	0.00	0.0	2.544	0.000	0	0	0	8
PL.35070	PD.5186	B	4ACSR	7.37Y	122.8	0.00	3.16	3.67	3	25	11	92	0.00	0.0	2.559	0.015	0	0	0	8
070823	PL.35070	B	Consumer	7.37Y	122.8	0.00	3.16	0.45	0	3	1	95	0.00	0.0	2.559	0.000	3	1	1	1
070809	PL.35070	B	Consumer	7.37Y	122.8	0.00	3.16	0.04	0	0	0	100	0.00	0.0	2.559	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.25233	PL.35070	B	4ACSR	7.37Y	122.8	0.00	3.16	3.19	3	22	9	93	0.00	0.0	2.592	0.033	0	0	0	6
PL.4808	PL.25233	B	4ACSR	7.37Y	122.8	0.01	3.17	3.17	3	21	9	92	0.00	0.0	2.637	0.045	0	0	0	5
070817	PL.4808	B	Consumer	7.37Y	122.8	0.00	3.17	0.98	0	7	3	92	0.00	0.0	2.637	0.000	7	3	1	1
070872	PL.4808	B	Consumer	7.37Y	122.8	0.00	3.17	0.01	0	0	0	100	0.00	0.0	2.637	0.000	0	0	1	1
070849	PL.4808	B	Consumer	7.37Y	122.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	2.637	0.000	0	0	0	0
070828	PL.4808	B	Consumer	7.37Y	122.8	0.00	3.17	0.86	0	6	3	89	0.00	0.0	2.637	0.000	6	3	1	1
070834	PL.4808	B	Consumer	7.37Y	122.8	0.00	3.17	0.68	0	5	2	93	0.00	0.0	2.637	0.000	5	2	1	1
070826	PL.4808	B	Consumer	7.37Y	122.8	0.00	3.17	0.63	0	4	2	89	0.00	0.0	2.637	0.000	4	2	1	1
070810	PL.25233	B	Consumer	7.37Y	122.8	0.00	3.16	0.02	0	0	0	100	0.00	0.0	2.592	0.000	0	0	1	1
PL.40991	PL.35066	B	4ACSR	7.35Y	122.5	0.31	3.46	27.01	23	183	79	92	0.43	0.2	2.787	0.249	0	0	0	52
PL.40993	PL.40991	B	4ACSR	7.35Y	122.5	0.00	3.47	2.19	2	15	6	93	0.00	0.0	2.807	0.020	0	0	0	5
070822	PL.40993	B	Consumer	7.35Y	122.5	0.00	3.47	0.63	0	4	2	89	0.00	0.0	2.807	0.000	4	2	1	1
PL.4521	PL.40993	B	4ACSR	7.35Y	122.5	0.00	3.47	1.57	1	11	5	91	0.00	0.0	2.865	0.058	0	0	0	4
PL.4522	PL.4521	B	4ACSR	7.35Y	122.5	0.00	3.47	0.59	0	4	2	89	0.00	0.0	2.925	0.060	0	0	0	2
PL.4523	PL.4522	B	4ACSR	7.35Y	122.5	0.00	3.47	0.59	0	4	2	89	0.00	0.0	2.959	0.033	0	0	0	2
070829	PL.4523	B	Consumer	7.35Y	122.5	0.00	3.47	0.03	0	0	0	100	0.00	0.0	2.959	0.000	0	0	1	1
070820	PL.4523	B	Consumer	7.35Y	122.5	0.00	3.47	0.56	0	4	2	89	0.00	0.0	2.959	0.000	4	2	1	1
070864	PL.4521	B	Consumer	7.35Y	122.5	0.00	3.47	0.39	0	3	1	95	0.00	0.0	2.865	0.000	3	1	1	1
PL.4524	PL.4521	B	4ACSR	7.35Y	122.5	0.00	3.47	0.58	0	4	2	89	0.00	0.0	2.940	0.074	0	0	0	1
070859	PL.4524	B	Consumer	7.35Y	122.5	0.00	3.47	0.58	0	4	2	89	0.00	0.0	2.940	0.000	4	2	1	1
PL.40992	PL.40991	B	4ACSR	7.35Y	122.5	0.00	3.46	1.32	1	9	4	91	0.00	0.0	2.794	0.007	0	0	0	2
PD.5187	PL.40992	B	fuse6AMP	7.35Y	122.5	0.00	3.46	1.32	23	9	4	91	0.00	0.0	2.794	0.000	0	0	0	2
PL.35071	PD.5187	B	4ACSR	7.35Y	122.5	0.00	3.46	1.32	1	9	4	91	0.00	0.0	2.810	0.016	0	0	0	2
070910	PL.35071	B	Consumer	7.35Y	122.5	0.00	3.46	0.97	0	7	3	92	0.00	0.0	2.810	0.000	7	3	1	1
070911	PL.35071	B	Consumer	7.35Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	2.810	0.000	0	0	0	0
070938	PL.35071	B	Consumer	7.35Y	122.5	0.00	3.46	0.36	0	2	1	89	0.00	0.0	2.810	0.000	2	1	1	1
0709041	PL.40991	B	Consumer	7.35Y	122.5	0.00	3.46	0.06	0	0	0	100	0.00	0.0	2.787	0.000	0	0	1	1
PL.40994	PL.40991	B	4ACSR	7.35Y	122.5	0.03	3.49	23.43	20	158	68	92	0.03	0.0	2.813	0.026	0	0	0	44
PL.13974	PL.40994	B	4ACSR	7.35Y	122.5	0.05	3.54	22.47	19	152	66	92	0.06	0.0	2.860	0.048	0	0	0	42
PL.25234	PL.13974	B	4ACSR	7.35Y	122.4	0.03	3.57	21.35	18	144	62	92	0.03	0.0	2.891	0.031	0	0	0	40
070930	PL.25234	B	Consumer	7.35Y	122.4	0.00	3.57	0.54	0	4	2	89	0.00	0.0	2.891	0.000	4	2	1	1
070917	PL.25234	B	Consumer	7.35Y	122.4	0.00	3.57	0.29	0	2	1	89	0.00	0.0	2.891	0.000	2	1	1	1
070914	PL.25234	B	Consumer	7.35Y	122.4	0.00	3.57	0.24	0	2	1	89	0.00	0.0	2.891	0.000	2	1	1	1
PL.35075	PL.25234	B	4ACSR	7.35Y	122.4	0.00	3.57	0.51	0	3	1	95	0.00	0.0	2.902	0.011	0	0	0	1
PD.5189	PL.35075	B	fuse6AMP	7.35Y	122.4	0.00	3.57	0.51	9	3	1	95	0.00	0.0	2.902	0.000	0	0	0	1
PL.35076	PD.5189	B	4ACSR	7.35Y	122.4	0.00	3.57	0.51	0	3	1	95	0.00	0.0	2.927	0.025	0	0	0	1
070908	PL.35076	B	Consumer	7.35Y	122.4	0.00	3.57	0.51	0	3	1	95	0.00	0.0	2.927	0.000	3	1	1	1
PL.13975	PL.25234	B	4ACSR	7.34Y	122.3	0.10	3.67	19.77	17	133	58	92	0.11	0.1	3.005	0.114	0	0	0	36

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	mi Length (mi)	KW					KVAR			
PL.13976	PL.13975	B	4ACSR	7.34Y	122.3	0.02	3.70	19.77	17	133	58	92	0.02	0.0	3.031	0.026	0	0	0	36	
PL.13977	PL.13976	B	4ACSR	7.34Y	122.3	0.03	3.73	19.77	17	133	58	92	0.03	0.0	3.068	0.037	0	0	0	36	
PL.13978	PL.13977	B	4ACSR	7.33Y	122.2	0.04	3.77	18.98	16	128	55	92	0.04	0.0	3.110	0.042	0	0	0	32	
019934	PL.13978	B	Consumer	7.33Y	122.2	0.00	3.77	0.64	0	4	2	89	0.00	0.0	3.110	0.000	4	2	1	1	
PL.13979	PL.13978	B	4ACSR	7.33Y	122.2	0.06	3.83	18.34	15	123	53	92	0.05	0.0	3.178	0.068	0	0	0	31	
PL.35086	PL.13979	B	4ACSR	7.33Y	122.2	0.00	3.83	4.37	4	29	13	91	0.00	0.0	3.187	0.009	0	0	0	10	
PD.5194	PL.35086	B	fuse6AMP	7.33Y	122.2	0.00	3.83	4.37	75	29	13	91	0.00	0.0	3.187	0.000	0	0	0	10	
PL.35087	PD.5194	B	4ACSR	7.33Y	122.2	0.01	3.84	4.37	4	29	13	91	0.00	0.0	3.231	0.044	0	0	0	10	
PL.1436	PL.35087	B	4ACSR	7.33Y	122.2	0.00	3.84	2.12	2	14	6	92	0.00	0.0	3.276	0.045	0	0	0	4	
PL.1437	PL.1436	B	4ACSR	7.33Y	122.2	0.00	3.84	0.65	1	4	2	89	0.00	0.0	3.342	0.066	0	0	0	1	
019925	PL.1437	B	Consumer	7.33Y	122.2	0.00	3.84	0.65	0	4	2	89	0.00	0.0	3.342	0.000	4	2	1	1	
019917	PL.1436	B	Consumer	7.33Y	122.2	0.00	3.84	0.70	0	5	2	93	0.00	0.0	3.276	0.000	5	2	1	1	
019919	PL.1436	B	Consumer	7.33Y	122.2	0.00	3.84	0.42	0	3	1	95	0.00	0.0	3.276	0.000	3	1	1	1	
019916	PL.1436	B	Consumer	7.33Y	122.2	0.00	3.84	0.35	0	2	1	89	0.00	0.0	3.276	0.000	2	1	1	1	
PL.1438	PL.35087	B	4ACSR	7.33Y	122.2	0.00	3.84	0.53	0	4	2	89	0.00	0.0	3.272	0.040	0	0	0	2	
019933	PL.1438	B	Consumer	7.33Y	122.2	0.00	3.84	0.33	0	2	1	89	0.00	0.0	3.272	0.000	2	1	1	1	
019918	PL.1438	B	Consumer	7.33Y	122.2	0.00	3.84	0.20	0	1	1	71	0.00	0.0	3.272	0.000	1	1	1	1	
019954	PL.35087	B	Consumer	7.33Y	122.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	3.231	0.000	0	0	1	1	
019920	PL.35087	B	Consumer	7.33Y	122.2	0.00	3.84	0.75	0	5	2	93	0.00	0.0	3.231	0.000	5	2	1	1	
019923	PL.35087	B	Consumer	7.33Y	122.2	0.00	3.84	0.34	0	2	1	89	0.00	0.0	3.231	0.000	2	1	1	1	
019921	PL.35087	B	Consumer	7.33Y	122.2	0.00	3.84	0.64	0	4	2	89	0.00	0.0	3.231	0.000	4	2	1	1	
PL.5941	PL.13979	B	4ACSR	7.33Y	122.2	0.01	3.84	12.81	11	86	37	92	0.01	0.0	3.199	0.020	0	0	0	19	
PL.13980	PL.5941	B	4ACSR	7.33Y	122.1	0.03	3.87	12.29	10	83	36	92	0.02	0.0	3.256	0.057	0	0	0	18	
PL.45269	PL.13980	B	4ACSR	7.33Y	122.1	0.00	3.87	2.12	2	14	6	92	0.00	0.0	3.261	0.005	0	0	0	4	
PD.5192	PL.45269	B	fuse6AMP	7.33Y	122.1	0.00	3.87	2.12	36	14	6	92	0.00	0.0	3.261	0.000	0	0	0	4	
PL.45271	PD.5192	B	4ACSR	7.33Y	122.1	0.00	3.87	0.25	0	2	1	89	0.00	0.0	3.304	0.043	0	0	0	1	
019939	PL.45271	B	Consumer	7.33Y	122.1	0.00	3.87	0.25	0	2	1	89	0.00	0.0	3.304	0.000	2	1	1	1	
PL.45270	PD.5192	B	4ACSR	7.33Y	122.1	0.00	3.87	1.87	2	13	5	93	0.00	0.0	3.268	0.007	0	0	0	3	
PL.35082	PL.45270	B	4ACSR	7.33Y	122.1	0.00	3.88	1.87	2	13	5	93	0.00	0.0	3.304	0.036	0	0	0	3	
019904	PL.35082	B	Consumer	7.33Y	122.1	0.00	3.88	0.12	0	1	0	100	0.00	0.0	3.304	0.000	1	0	1	1	
019905	PL.35082	B	Consumer	7.33Y	122.1	0.00	3.88	0.67	0	4	2	89	0.00	0.0	3.304	0.000	4	2	1	1	
019943	PL.35082	B	Consumer	7.33Y	122.1	0.00	3.88	1.08	0	7	3	92	0.00	0.0	3.304	0.000	7	3	1	1	
019952	PL.35082	B	Consumer	7.33Y	122.1	0.00	3.88	0.00	0	0	0	100	0.00	0.0	3.304	0.000	0	0	0	0	
PL.35079	PL.13980	B	4ACSR	7.33Y	122.1	0.00	3.87	1.59	1	11	5	91	0.00	0.0	3.265	0.009	0	0	0	2	
PD.5191	PL.35079	B	fuse6AMP	7.33Y	122.1	0.00	3.87	1.59	27	11	5	91	0.00	0.0	3.265	0.000	0	0	0	2	
PL.35080	PD.5191	B	4ACSR	7.33Y	122.1	0.01	3.88	1.59	1	11	5	91	0.00	0.0	3.346	0.080	0	0	0	2	
019906	PL.35080	B	Consumer	7.33Y	122.1	0.00	3.88	0.97	0	7	3	92	0.00	0.0	3.346	0.000	7	3	1	1	
019947	PL.35080	B	Consumer	7.33Y	122.1	0.00	3.88	0.62	0	4	2	89	0.00	0.0	3.346	0.000	4	2	1	1	

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.13981	PL.13980	B	4ACSR	7.33Y	122.1	0.03	3.90	8.58	7	58	25	92	0.01	0.0	3.330	0.074	0	0	0	12	
PL.35083	PL.13981	B	4ACSR	7.33Y	122.1	0.00	3.90	1.47	1	10	4	93	0.00	0.0	3.340	0.010	0	0	0	1	
PD.5193	PL.35083	B	fuse6AMP	7.33Y	122.1	0.00	3.90	1.47	25	10	4	93	0.00	0.0	3.340	0.000	0	0	0	1	
PL.35084	PD.5193	B	4ACSR	7.33Y	122.1	0.01	3.91	1.47	1	10	4	93	0.00	0.0	3.421	0.081	0	0	0	1	
019907	PL.35084	B	Consumer	7.33Y	122.1	0.00	3.91	1.47	0	10	4	93	0.00	0.0	3.421	0.000	10	4	1	1	
PL.5943	PL.13981	B	4ACSR	7.33Y	122.1	0.01	3.91	5.10	4	34	15	91	0.00	0.0	3.391	0.061	0	0	0	8	
019910	PL.5943	B	Consumer	7.33Y	122.1	0.00	3.91	0.86	0	6	2	95	0.00	0.0	3.391	0.000	6	2	1	1	
019955	PL.5943	B	Consumer	7.33Y	122.1	0.00	3.91	0.53	0	4	2	89	0.00	0.0	3.391	0.000	4	2	1	1	
019911	PL.5943	B	Consumer	7.33Y	122.1	0.00	3.91	0.68	0	5	2	93	0.00	0.0	3.391	0.000	5	2	1	1	
019912	PL.5943	B	Consumer	7.33Y	122.1	0.00	3.91	0.52	0	4	2	89	0.00	0.0	3.391	0.000	4	2	1	1	
019914	PL.5943	B	Consumer	7.33Y	122.1	0.00	3.91	0.43	0	3	1	95	0.00	0.0	3.391	0.000	3	1	1	1	
PL.13982	PL.5943	B	4ACSR	7.32Y	122.1	0.01	3.92	2.08	2	14	6	92	0.00	0.0	3.477	0.086	0	0	0	3	
PL.1449	PL.13982	B	4ACSR	7.32Y	122.1	0.00	3.93	1.32	1	9	4	91	0.00	0.0	3.542	0.065	0	0	0	2	
PL.1450	PL.1449	B	4ACSR	7.32Y	122.1	0.00	3.93	0.85	1	6	2	95	0.00	0.0	3.632	0.090	0	0	0	1	
019913	PL.1450	B	Consumer	7.32Y	122.1	0.00	3.93	0.85	0	6	2	95	0.00	0.0	3.632	0.000	6	2	1	1	
019926	PL.1449	B	Consumer	7.32Y	122.1	0.00	3.93	0.47	0	3	1	95	0.00	0.0	3.542	0.000	3	1	1	1	
PL.35090	PL.13982	B	4ACSR	7.32Y	122.1	0.00	3.92	0.76	1	5	2	93	0.00	0.0	3.481	0.004	0	0	0	1	
PD.5196	PL.35090	B	fuse6AMP	7.32Y	122.1	0.00	3.92	0.76	13	5	2	93	0.00	0.0	3.481	0.000	0	0	0	1	
PL.35091	PD.5196	B	4ACSR	7.32Y	122.1	0.00	3.93	0.76	1	5	2	93	0.00	0.0	3.587	0.106	0	0	0	1	
018902	PL.35091	B	Consumer	7.32Y	122.1	0.00	3.93	0.76	0	5	2	93	0.00	0.0	3.587	0.000	5	2	1	1	
019932	PL.13981	B	Consumer	7.33Y	122.1	0.00	3.90	1.10	0	7	3	92	0.00	0.0	3.330	0.000	7	3	1	1	
019929	PL.13981	B	Consumer	7.33Y	122.1	0.00	3.90	0.07	0	0	0	100	0.00	0.0	3.330	0.000	0	0	1	1	
PL.35088	PL.13981	B	4ACSR	7.33Y	122.1	0.00	3.90	0.84	1	6	2	95	0.00	0.0	3.345	0.015	0	0	0	1	
PD.5195	PL.35088	B	fuse6AMP	7.33Y	122.1	0.00	3.90	0.84	14	6	2	95	0.00	0.0	3.345	0.000	0	0	0	1	
PL.35089	PD.5195	B	4ACSR	7.33Y	122.1	0.00	3.90	0.84	1	6	2	95	0.00	0.0	3.382	0.037	0	0	0	1	
019936	PL.35089	B	Consumer	7.33Y	122.1	0.00	3.90	0.84	0	6	2	95	0.00	0.0	3.382	0.000	6	2	1	1	
019909	PL.5941	B	Consumer	7.33Y	122.2	0.00	3.84	0.53	0	4	2	89	0.00	0.0	3.199	0.000	4	2	1	1	
019924	PL.13979	B	Consumer	7.33Y	122.2	0.00	3.83	0.58	0	4	2	89	0.00	0.0	3.178	0.000	4	2	1	1	
019908	PL.13979	B	Consumer	7.33Y	122.2	0.00	3.83	0.57	0	4	2	89	0.00	0.0	3.178	0.000	4	2	1	1	
019935	PL.13977	B	Consumer	7.34Y	122.3	0.00	3.73	0.17	0	1	1	71	0.00	0.0	3.068	0.000	1	1	1	1	
019951	PL.13977	B	Consumer	7.34Y	122.3	0.00	3.73	0.41	0	3	1	95	0.00	0.0	3.068	0.000	3	1	1	1	
019953	PL.13977	B	Consumer	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	3.068	0.000	0	0	1	1	
019937	PL.13977	B	Consumer	7.34Y	122.3	0.00	3.73	0.20	0	1	1	71	0.00	0.0	3.068	0.000	1	1	1	1	
PL.35077	PL.13975	B	4ACSR	7.34Y	122.3	0.00	3.67	0.00	0	0	0	100	0.00	0.0	3.009	0.003	0	0	0	0	
070912	PL.13974	B	Consumer	7.35Y	122.5	0.00	3.54	0.86	0	6	3	89	0.00	0.0	2.860	0.000	6	3	1	1	
070913	PL.13974	B	Consumer	7.35Y	122.5	0.00	3.54	0.25	0	2	1	89	0.00	0.0	2.860	0.000	2	1	1	1	
PL.35073	PL.40994	B	4ACSR	7.35Y	122.5	0.00	3.49	0.96	1	6	3	89	0.00	0.0	2.819	0.007	0	0	0	2	
PD.5188	PL.35073	B	fuse6AMP	7.35Y	122.5	0.00	3.49	0.96	16	6	3	89	0.00	0.0	2.819	0.000	0	0	0	2	

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.35074	PD.5188	B	4ACSR	7.35Y	122.5	0.00	3.50	0.96	1	6	3	89	0.00	0.0	2.918	0.099	0	0	0	2		
PL.35102	PL.35074	B	4ACSR	7.35Y	122.5	0.00	3.50	0.96	1	6	3	89	0.00	0.0	2.941	0.023	0	0	0	2		
019839	PL.35102	B	Consumer	7.35Y	122.5	0.00	3.50	0.36	0	2	1	89	0.00	0.0	2.941	0.000	2	1	1	1		
019831	PL.35102	B	Consumer	7.35Y	122.5	0.00	3.50	0.60	0	4	2	89	0.00	0.0	2.941	0.000	4	2	1	1		
PL.35067	PL.35065	B	4ACSR	7.38Y	122.9	0.00	3.07	0.65	1	4	2	89	0.00	0.0	2.486	0.005	0	0	0	1		
PD.5185	PL.35067	B	fuse6AMP	7.38Y	122.9	0.00	3.07	0.65	11	4	2	89	0.00	0.0	2.486	0.000	0	0	0	1		
PL.35068	PD.5185	B	4ACSR	7.38Y	122.9	0.00	3.07	0.65	1	4	2	89	0.00	0.0	2.538	0.052	0	0	0	1		
070816	PL.35068	B	Consumer	7.38Y	122.9	0.00	3.07	0.65	0	4	2	89	0.00	0.0	2.538	0.000	4	2	1	1		
PL.13955	PL.380	A	4ACSR	7.31Y	121.9	0.01	4.15	2.89	2	19	9	90	0.00	0.0	2.449	0.060	0	0	0	4		
PL.13956	PL.13955	A	4ACSR	7.31Y	121.9	0.00	4.15	0.11	0	1	0	100	0.00	0.0	2.469	0.020	0	0	0	1		
070873	PL.13956	A	Consumer	7.31Y	121.9	0.00	4.15	0.11	0	1	0	100	0.00	0.0	2.469	0.000	1	0	1	1		
070824	PL.13955	A	Consumer	7.31Y	121.9	0.00	4.15	1.46	0	10	5	89	0.00	0.0	2.449	0.000	10	5	1	1		
070807	PL.13955	A	Consumer	7.31Y	121.9	0.00	4.15	1.16	0	8	4	89	0.00	0.0	2.449	0.000	8	4	1	1		
070850	PL.13955	A	Consumer	7.31Y	121.9	0.00	4.15	0.15	0	1	0	100	0.00	0.0	2.449	0.000	1	0	1	1		
070830	PL.21617	A	Consumer	7.32Y	121.9	0.00	4.07	0.66	0	4	2	89	0.00	0.0	2.344	0.000	4	2	1	1		
071807	PL.21617	A	Consumer	7.32Y	121.9	0.00	4.07	0.53	0	4	2	89	0.00	0.0	2.344	0.000	4	2	1	1		
PL.38786	PL.21617	A	4ACSR	7.32Y	121.9	0.00	4.07	1.11	1	7	3	92	0.00	0.0	2.362	0.017	0	0	0	2		
PD.6720	PL.38786	A	fuse6AMP	7.32Y	121.9	0.00	4.07	1.11	19	7	3	92	0.00	0.0	2.362	0.000	0	0	0	2		
PL.38787	PD.6720	A	4ACSR	7.32Y	121.9	0.00	4.07	1.11	1	7	3	92	0.00	0.0	2.379	0.017	0	0	0	2		
PL.18889	PL.38787	A	4ACSR	7.32Y	121.9	0.00	4.08	1.11	1	7	3	92	0.00	0.0	2.469	0.090	0	0	0	2		
071818	PL.18889	A	Consumer	7.32Y	121.9	0.00	4.08	0.80	0	5	2	93	0.00	0.0	2.469	0.000	5	2	1	1		
PL.13984	PL.18889	A	4ACSR	7.32Y	121.9	0.00	4.08	0.31	0	2	1	89	0.00	0.0	2.485	0.017	0	0	0	1		
PL.17517	PL.13984	A	4ACSR	7.32Y	121.9	0.00	4.08	0.31	0	2	1	89	0.00	0.0	2.491	0.006	0	0	0	1		
PL.17518	PL.17517	A	4ACSR	7.32Y	121.9	0.00	4.08	0.31	0	2	1	89	0.00	0.0	2.530	0.039	0	0	0	1		
071812	PL.17518	A	Consumer	7.32Y	121.9	0.00	4.08	0.31	0	2	1	89	0.00	0.0	2.530	0.000	2	1	1	1		
PL.17496	PL.13899	C	4ACSR	7.45Y	124.1	0.00	1.88	0.00	0	0	0	100	0.00	0.0	1.656	0.005	0	0	0	1		
PD.3229	PL.17496	C	fuse6AMP	7.45Y	124.1	0.00	1.88	0.00	0	0	0	100	0.00	0.0	1.656	0.000	0	0	0	1		
PL.17497	PD.3229	C	4ACSR	7.45Y	124.1	0.00	1.88	0.00	0	0	0	100	0.00	0.0	1.714	0.058	0	0	0	1		
071852	PL.17497	C	Consumer	7.45Y	124.1	0.00	1.88	0.00	0	0	0	100	0.00	0.0	1.714	0.000	0	0	1	1		
600914	PL.13896	C	Consumer	7.45Y	124.2	0.00	1.80	0.43	0	3	1	95	0.00	0.0	1.485	0.000	3	1	1	1		
600910	PL.13896	C	Consumer	7.45Y	124.2	0.00	1.80	0.36	0	2	1	89	0.00	0.0	1.485	0.000	2	1	1	1		
PL.3732	PL.7475	C	4ACSR	7.45Y	124.2	0.00	1.78	2.19	2	15	6	93	0.00	0.0	1.489	0.039	0	0	0	3		
600919	PL.3732	C	Consumer	7.45Y	124.2	0.00	1.78	0.68	0	5	2	93	0.00	0.0	1.489	0.000	5	2	1	1		
600920	PL.3732	C	Consumer	7.45Y	124.2	0.00	1.78	0.01	0	0	0	100	0.00	0.0	1.489	0.000	0	0	1	1		
600918	PL.3732	C	Consumer	7.45Y	124.2	0.00	1.78	1.51	0	10	4	93	0.00	0.0	1.489	0.000	10	4	1	1		
PL.17403	PL.7475	A	4ACSR	7.39Y	123.2	0.01	2.81	40.38	34	274	119	92	0.02	0.0	1.456	0.005	0	0	0	76		
C PD.2097	PL.17403	A	fuse6AMP	7.39Y	123.2	0.00	2.81	40.38	690	274	119	92	0.00	0.0	1.456	0.000	0	0	0	76 C		
PL.17404	PD.2097	A	4ACSR	7.39Y	123.2	0.01	2.82	40.38	34	274	119	92	0.02	0.0	1.462	0.005	0	0	0	76		

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.3564	PL.17404	A	70V4E	7.39Y	123.2	0.00	2.82	40.38	58	274	119	92	0.00	0.0	1.462	0.000	0	0	0	76
PL.17405	PD.3564	A	4ACSR	7.39Y	123.1	0.04	2.85	40.38	34	274	119	92	0.08	0.0	1.482	0.021	0	0	0	76
600911	PL.17405	A	Consumer	7.39Y	123.1	0.00	2.85	0.64	0	4	2	89	0.00	0.0	1.482	0.000	4	2	1	1
PL.13887	PL.17405	A	4ACSR	7.38Y	123.1	0.07	2.92	39.74	33	269	117	92	0.14	0.1	1.521	0.038	0	0	0	75
PL.13888	PL.13887	A	4ACSR	7.38Y	123.0	0.05	2.97	38.29	32	259	112	92	0.09	0.0	1.547	0.026	0	0	0	72
PL.3756	PL.13888	A	4ACSR	7.38Y	123.0	0.00	2.97	0.65	1	4	2	89	0.00	0.0	1.567	0.020	0	0	0	3
PL.3757	PL.3756	A	4ACSR	7.38Y	123.0	0.00	2.97	0.06	0	0	0	100	0.00	0.0	1.618	0.051	0	0	0	1
601008	PL.3757	A	Consumer	7.38Y	123.0	0.00	2.97	0.06	0	0	0	100	0.00	0.0	1.618	0.000	0	0	1	1
601007	PL.3756	A	Consumer	7.38Y	123.0	0.00	2.97	0.05	0	0	0	100	0.00	0.0	1.567	0.000	0	0	1	1
601006	PL.3756	A	Consumer	7.38Y	123.0	0.00	2.97	0.54	0	4	2	89	0.00	0.0	1.567	0.000	4	2	1	1
PL.13889	PL.13888	A	4ACSR	7.36Y	122.7	0.31	3.28	37.64	32	255	111	92	0.60	0.2	1.725	0.178	0	0	0	69
PL.7467	PL.13889	A	4ACSR	7.36Y	122.6	0.12	3.40	37.64	32	254	110	92	0.24	0.1	1.796	0.071	0	0	0	69
PL.7772	PL.7467	A	4ACSR	7.35Y	122.5	0.11	3.51	37.64	32	254	110	92	0.21	0.1	1.858	0.062	0	0	0	69
PL.7773	PL.7772	A	4ACSR	7.35Y	122.4	0.05	3.56	37.64	32	254	110	92	0.09	0.0	1.884	0.027	0	0	0	69
PL.19867	PL.7773	A	4ACSR	7.34Y	122.4	0.07	3.63	36.87	31	249	108	92	0.13	0.1	1.926	0.041	0	0	0	67
PL.19635	PL.19867	A	4ACSR	7.34Y	122.3	0.05	3.68	34.77	29	234	101	92	0.09	0.0	1.956	0.030	0	0	0	64
633103	PL.19635	A	Consumer	7.34Y	122.3	0.00	3.68	0.69	0	5	2	93	0.00	0.0	1.956	0.000	5	2	1	1
633205	PL.19635	A	Consumer	7.34Y	122.3	0.00	3.68	0.55	0	4	2	89	0.00	0.0	1.956	0.000	4	2	1	1
633105	PL.19635	A	Consumer	7.34Y	122.3	0.00	3.68	0.00	0	0	0	100	0.00	0.0	1.956	0.000	0	0	0	0
PL.19636	PL.19635	A	4ACSR	7.34Y	122.3	0.01	3.69	33.54	28	226	98	92	0.02	0.0	1.963	0.007	0	0	0	62
PL.13890	PL.19636	A	4ACSR	7.34Y	122.3	0.06	3.74	31.20	26	210	91	92	0.09	0.0	2.003	0.040	0	0	0	59
PL.38892	PL.13890	A	4ACSR	7.34Y	122.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	2.006	0.003	0	0	0	0
PD.6758	PL.38892	A	fuse6AMP	7.34Y	122.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	2.006	0.000	0	0	0	0
PL.38891	PD.6758	A	4ACSR	7.34Y	122.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	2.142	0.136	0	0	0	0
PL.3865	PL.38891	A	4ACSR	7.34Y	122.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	2.331	0.190	0	0	0	0
PL.13891	PL.13890	A	4ACSR	7.33Y	122.2	0.04	3.79	30.64	26	206	89	92	0.07	0.0	2.032	0.030	0	0	0	58
633202	PL.13891	A	Consumer	7.33Y	122.2	0.00	3.79	0.33	0	2	1	89	0.00	0.0	2.032	0.000	2	1	1	1
PL.13892	PL.13891	A	4ACSR	7.33Y	122.2	0.03	3.82	30.31	25	204	88	92	0.05	0.0	2.055	0.023	0	0	0	57
PL.13893	PL.13892	A	4ACSR	7.33Y	122.2	0.02	3.83	22.13	19	149	64	92	0.02	0.0	2.071	0.016	0	0	0	43
PL.13894	PL.13893	A	4ACSR	7.33Y	122.1	0.04	3.88	21.22	18	143	62	92	0.05	0.0	2.116	0.044	0	0	0	42
PL.38897	PL.13894	A	4ACSR	7.33Y	122.1	0.00	3.88	20.07	17	135	58	92	0.00	0.0	2.118	0.002	0	0	0	40
PD.6761-A	PL.38897	A	Closed	7.33Y	122.1	0.00	3.88	20.07	0	135	58	92	0.00	0.0	2.118	0.000	0	0	0	40
PD.6761-B	PD.6761-A	A	Closed	7.33Y	122.1	0.00	3.88	20.07	0	135	58	92	0.00	0.0	2.118	0.000	0	0	0	40
PL.38898	PD.6761-B	A	4ACSR	7.32Y	122.1	0.04	3.92	20.07	17	135	58	92	0.04	0.0	2.159	0.041	0	0	0	40
PL.7757	PL.38898	A	4ACSR	7.32Y	122.1	0.02	3.94	8.35	7	56	24	92	0.01	0.0	2.205	0.046	0	0	0	19
PL.3429	PL.7757	A	4ACSR	7.32Y	122.1	0.00	3.94	0.73	1	5	2	93	0.00	0.0	2.234	0.028	0	0	0	2
635219	PL.3429	A	Consumer	7.32Y	122.1	0.00	3.94	0.35	0	2	1	89	0.00	0.0	2.234	0.000	2	1	1	1
635220	PL.3429	A	Consumer	7.32Y	122.1	0.00	3.94	0.38	0	3	1	95	0.00	0.0	2.234	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.7756	PL.7757	A	4ACSR	7.32Y	122.1	0.01	3.95	4.42	4	30	13	92	0.00	0.0	2.253	0.048	0	0	0	9		
PL.24343	PL.7756	A	4ACSR	7.32Y	122.1	0.00	3.95	0.00	0	0	0	100	0.00	0.0	2.270	0.017	0	0	0	0		
634228	PL.7756	A	Consumer	7.32Y	122.1	0.00	3.95	0.59	0	4	2	89	0.00	0.0	2.253	0.000	4	2	1	1		
635210	PL.7756	A	Consumer	7.32Y	122.1	0.00	3.95	0.45	0	3	1	95	0.00	0.0	2.253	0.000	3	1	1	1		
635209	PL.7756	A	Consumer	7.32Y	122.1	0.00	3.95	0.67	0	5	2	93	0.00	0.0	2.253	0.000	5	2	1	1		
635224	PL.7756	A	Consumer	7.32Y	122.1	0.00	3.95	0.26	0	2	1	89	0.00	0.0	2.253	0.000	2	1	1	1		
634230	PL.7756	A	Consumer	7.32Y	122.1	0.00	3.95	0.59	0	4	2	89	0.00	0.0	2.253	0.000	4	2	1	1		
635202	PL.7756	A	Consumer	7.32Y	122.1	0.00	3.95	0.34	0	2	1	89	0.00	0.0	2.253	0.000	2	1	1	1		
634229	PL.7756	A	Consumer	7.32Y	122.1	0.00	3.95	0.59	0	4	2	89	0.00	0.0	2.253	0.000	4	2	1	1		
634227	PL.7756	A	Consumer	7.32Y	122.1	0.00	3.95	0.00	0	0	0	100	0.00	0.0	2.253	0.000	0	0	0	0		
635206	PL.7756	A	Consumer	7.32Y	122.1	0.00	3.95	0.39	0	3	1	95	0.00	0.0	2.253	0.000	3	1	1	1		
635223	PL.7756	A	Consumer	7.32Y	122.1	0.00	3.95	0.53	0	4	2	89	0.00	0.0	2.253	0.000	4	2	1	1		
PL.24342	PL.7756	A	4ACSR	7.32Y	122.1	0.00	3.95	0.00	0	0	0	100	0.00	0.0	2.271	0.018	0	0	0	0		
635217	PL.7757	A	Consumer	7.32Y	122.1	0.00	3.94	0.46	0	3	1	95	0.00	0.0	2.205	0.000	3	1	1	1		
635218	PL.7757	A	Consumer	7.32Y	122.1	0.00	3.94	0.71	0	5	2	93	0.00	0.0	2.205	0.000	5	2	1	1		
635204	PL.7757	A	Consumer	7.32Y	122.1	0.00	3.94	0.00	0	0	0	100	0.00	0.0	2.205	0.000	0	0	0	0		
635225	PL.7757	A	Consumer	7.32Y	122.1	0.00	3.94	0.20	0	1	1	71	0.00	0.0	2.205	0.000	1	1	1	1		
635226	PL.7757	A	Consumer	7.32Y	122.1	0.00	3.94	0.44	0	3	1	95	0.00	0.0	2.205	0.000	3	1	1	1		
635213	PL.7757	A	Consumer	7.32Y	122.1	0.00	3.94	0.42	0	3	1	95	0.00	0.0	2.205	0.000	3	1	1	1		
635201	PL.7757	A	Consumer	7.32Y	122.1	0.00	3.94	0.00	0	0	0	100	0.00	0.0	2.205	0.000	0	0	0	0		
635221	PL.7757	A	Consumer	7.32Y	122.1	0.00	3.94	0.00	0	0	0	100	0.00	0.0	2.205	0.000	0	0	1	1		
635205	PL.7757	A	Consumer	7.32Y	122.1	0.00	3.94	0.46	0	3	1	95	0.00	0.0	2.205	0.000	3	1	1	1		
635222	PL.7757	A	Consumer	7.32Y	122.1	0.00	3.94	0.51	0	3	1	95	0.00	0.0	2.205	0.000	3	1	1	1		
634203	PL.38898	A	Consumer	7.32Y	122.1	0.00	3.92	0.63	0	4	2	89	0.00	0.0	2.159	0.000	4	2	1	1		
634206	PL.38898	A	Consumer	7.32Y	122.1	0.00	3.92	0.89	0	6	3	89	0.00	0.0	2.159	0.000	6	3	1	1		
634221	PL.38898	A	Consumer	7.32Y	122.1	0.00	3.92	0.62	0	4	2	89	0.00	0.0	2.159	0.000	4	2	1	1		
634214	PL.38898	A	Consumer	7.32Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	2.159	0.000	0	0	0	0		
634212	PL.38898	A	Consumer	7.32Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	2.159	0.000	0	0	0	0		
634213	PL.38898	A	Consumer	7.32Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	2.159	0.000	0	0	0	0		
634204	PL.38898	A	Consumer	7.32Y	122.1	0.00	3.92	0.85	0	6	2	95	0.00	0.0	2.159	0.000	6	2	1	1		
634222	PL.38898	A	Consumer	7.32Y	122.1	0.00	3.92	0.40	0	3	1	95	0.00	0.0	2.159	0.000	3	1	1	1		
634211	PL.38898	A	Consumer	7.32Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	2.159	0.000	0	0	0	0		
PL.7754	PL.38898	A	4ACSR	7.32Y	122.1	0.02	3.93	8.33	7	56	24	92	0.01	0.0	2.203	0.043	0	0	0	16		
PL.7755	PL.7754	A	4ACSR	7.32Y	122.1	0.01	3.95	5.67	5	38	16	92	0.00	0.0	2.245	0.043	0	0	0	10		
635107	PL.7755	A	Consumer	7.32Y	122.1	0.00	3.95	0.71	0	5	2	93	0.00	0.0	2.245	0.000	5	2	1	1		
635103	PL.7755	A	Consumer	7.32Y	122.1	0.00	3.95	0.40	0	3	1	95	0.00	0.0	2.245	0.000	3	1	1	1		
635105	PL.7755	A	Consumer	7.32Y	122.1	0.00	3.95	0.38	0	3	1	95	0.00	0.0	2.245	0.000	3	1	1	1		
635102	PL.7755	A	Consumer	7.32Y	122.1	0.00	3.95	0.44	0	3	1	95	0.00	0.0	2.245	0.000	3	1	1	1		

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
635104	PL.7755	A	Consumer	7.32Y	122.1	0.00	3.95	0.56	0	4	2	89	0.00	0.0	2.245	0.000	4	2	1	1
635108	PL.7755	A	Consumer	7.32Y	122.1	0.00	3.95	0.00	0	0	0	100	0.00	0.0	2.245	0.000	0	0	0	0
635106	PL.7755	A	Consumer	7.32Y	122.1	0.00	3.95	0.47	0	3	1	95	0.00	0.0	2.245	0.000	3	1	1	1
634103	PL.7755	A	Consumer	7.32Y	122.1	0.00	3.95	0.80	0	5	2	93	0.00	0.0	2.245	0.000	5	2	1	1
634101	PL.7755	A	Consumer	7.32Y	122.1	0.00	3.95	0.89	0	6	3	89	0.00	0.0	2.245	0.000	6	3	1	1
634102	PL.7755	A	Consumer	7.32Y	122.1	0.00	3.95	0.56	0	4	2	89	0.00	0.0	2.245	0.000	4	2	1	1
635101	PL.7755	A	Consumer	7.32Y	122.1	0.00	3.95	0.47	0	3	1	95	0.00	0.0	2.245	0.000	3	1	1	1
634220	PL.7754	A	Consumer	7.32Y	122.1	0.00	3.93	0.44	0	3	1	95	0.00	0.0	2.203	0.000	3	1	1	1
634223	PL.7754	A	Consumer	7.32Y	122.1	0.00	3.93	0.58	0	4	2	89	0.00	0.0	2.203	0.000	4	2	1	1
634224	PL.7754	A	Consumer	7.32Y	122.1	0.00	3.93	0.42	0	3	1	95	0.00	0.0	2.203	0.000	3	1	1	1
634202	PL.7754	A	Consumer	7.32Y	122.1	0.00	3.93	0.42	0	3	1	95	0.00	0.0	2.203	0.000	3	1	1	1
634105	PL.7754	A	Consumer	7.32Y	122.1	0.00	3.93	0.43	0	3	1	95	0.00	0.0	2.203	0.000	3	1	1	1
634216	PL.7754	A	Consumer	7.32Y	122.1	0.00	3.93	0.36	0	2	1	89	0.00	0.0	2.203	0.000	2	1	1	1
PL.38895	PL.13894	A	4ACSR	7.33Y	122.1	0.00	3.88	1.15	1	8	3	94	0.00	0.0	2.117	0.002	0	0	0	2
PD.6760	PL.38895	A	fuse6AMP	7.33Y	122.1	0.00	3.88	1.15	20	8	3	94	0.00	0.0	2.117	0.000	0	0	0	2
PL.38896	PD.6760	A	4ACSR	7.33Y	122.1	0.00	3.88	1.15	1	8	3	94	0.00	0.0	2.165	0.048	0	0	0	2
PL.3863	PL.38896	A	4ACSR	7.33Y	122.1	0.00	3.88	0.99	1	7	3	92	0.00	0.0	2.201	0.036	0	0	0	1
634301	PL.3863	A	Consumer	7.33Y	122.1	0.00	3.88	0.99	0	7	3	92	0.00	0.0	2.201	0.000	7	3	1	1
PL.3431	PL.38896	A	4ACSR	7.33Y	122.1	0.00	3.88	0.17	0	1	0	100	0.00	0.0	2.203	0.037	0	0	0	1
634231	PL.3431	A	Consumer	7.33Y	122.1	0.00	3.88	0.00	0	0	0	100	0.00	0.0	2.203	0.000	0	0	0	0
634218	PL.3431	A	Consumer	7.33Y	122.1	0.00	3.88	0.00	0	0	0	100	0.00	0.0	2.203	0.000	0	0	0	0
634226	PL.3431	A	Consumer	7.33Y	122.1	0.00	3.88	0.17	0	1	0	100	0.00	0.0	2.203	0.000	1	0	1	1
634205	PL.13893	A	Consumer	7.33Y	122.2	0.00	3.83	0.90	0	6	3	89	0.00	0.0	2.071	0.000	6	3	1	1
633204	PL.13892	A	Consumer	7.33Y	122.2	0.00	3.82	0.68	0	5	2	93	0.00	0.0	2.055	0.000	5	2	1	1
634210	PL.13892	A	Consumer	7.33Y	122.2	0.00	3.82	0.45	0	3	1	95	0.00	0.0	2.055	0.000	3	1	1	1
PL.38893	PL.13892	A	4ACSR	7.33Y	122.2	0.00	3.82	7.06	6	48	21	92	0.00	0.0	2.059	0.004	0	0	0	12
C PD.6759	PL.38893	A	fuse6AMP	7.33Y	122.2	0.00	3.82	7.06	121	48	21	92	0.00	0.0	2.059	0.000	0	0	0	12 C
PL.38894	PD.6759	A	4ACSR	7.33Y	122.2	0.01	3.83	7.06	6	48	21	92	0.00	0.0	2.095	0.035	0	0	0	12
PL.7762	PL.38894	A	4ACSR	7.33Y	122.2	0.01	3.84	5.20	4	35	15	92	0.00	0.0	2.126	0.031	0	0	0	8
634111	PL.7762	A	Consumer	7.33Y	122.2	0.00	3.84	0.64	0	4	2	89	0.00	0.0	2.126	0.000	4	2	1	1
634217	PL.7762	A	Consumer	7.33Y	122.2	0.00	3.84	0.53	0	4	2	89	0.00	0.0	2.126	0.000	4	2	1	1
634107	PL.7762	A	Consumer	7.33Y	122.2	0.00	3.84	0.40	0	3	1	95	0.00	0.0	2.126	0.000	3	1	1	1
634207	PL.7762	A	Consumer	7.33Y	122.2	0.00	3.84	1.03	0	7	3	92	0.00	0.0	2.126	0.000	7	3	1	1
PL.7758	PL.7762	A	4ACSR	7.33Y	122.2	0.00	3.84	2.60	2	17	8	90	0.00	0.0	2.163	0.037	0	0	0	4
634110	PL.7758	A	Consumer	7.33Y	122.2	0.00	3.84	0.60	0	4	2	89	0.00	0.0	2.163	0.000	4	2	1	1
634104	PL.7758	A	Consumer	7.33Y	122.2	0.00	3.84	0.86	0	6	2	95	0.00	0.0	2.163	0.000	6	2	1	1
634112	PL.7758	A	Consumer	7.33Y	122.2	0.00	3.84	0.62	0	4	2	89	0.00	0.0	2.163	0.000	4	2	1	1
634106	PL.7758	A	Consumer	7.33Y	122.2	0.00	3.84	0.52	0	3	2	83	0.00	0.0	2.163	0.000	3	2	1	1

Unbalanced Voltage Drop Report
Source: STANTON

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: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.33239	PL.280	A	336ACSR	7.41Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	1.283	0.016	0	0	0	0
		B		7.46Y	124.3	0.00	1.72	0.00	0	0	0	100					0	0	0	0
		C		7.46Y	124.3	0.00	1.66	0.00	0	0	0	100					0	0	0	0
PD.4359-B	PL.33239	A	Open	7.41Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	1.283	0.000	0	0	0	0
		B		7.46Y	124.3	0.00	1.72	0.00	0	0	0	100					0	0	0	0
		C		7.46Y	124.3	0.00	1.66	0.00	0	0	0	100					0	0	0	0
602825	PL.33225	A	Consumer	7.42Y	123.6	0.00	2.40	0.21	0	1	1	71	0.00	0.0	1.235	0.000	1	1	1	1
602809	PL.33225	A	Consumer	7.42Y	123.6	0.00	2.40	0.59	0	4	2	89	0.00	0.0	1.235	0.000	4	2	1	1
602713	PL.7478	A	Consumer	7.42Y	123.7	0.00	2.28	0.79	0	5	2	93	0.00	0.0	1.175	0.000	5	2	1	1
601817	PL.7478	C	Consumer	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	1.175	0.000	0	0	0	0
602816	PL.7478	C	Consumer	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	1.175	0.000	0	0	0	0
601710	PL.7478	C	Consumer	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	1.175	0.000	0	0	0	0
601707	PL.20946	C	Consumer	7.47Y	124.5	0.00	1.52	0.34	0	2	1	89	0.00	0.0	1.119	0.000	2	1	1	1
601706	PL.20946	C	Consumer	7.47Y	124.5	0.00	1.52	0.21	0	1	1	71	0.00	0.0	1.119	0.000	1	1	1	1
PL.33241	PL.7473	A	336ACSR	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	1.097	0.001	0	0	0	0
		B		7.47Y	124.5	0.00	1.54	0.00	0	0	0	100					0	0	0	0
		C		7.47Y	124.5	0.00	1.50	0.00	0	0	0	100					0	0	0	0
PD.3066-B	PL.33241	A	Open	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	1.097	0.000	0	0	0	0
		B		7.47Y	124.5	0.00	1.54	0.00	0	0	0	100					0	0	0	0
		C		7.47Y	124.5	0.00	1.50	0.00	0	0	0	100					0	0	0	0
601733	PL.7474	A	Consumer	7.44Y	123.9	0.00	2.06	1.34	0	9	4	91	0.00	0.0	1.064	0.000	9	4	1	1
6017034	PL.7474	A	Consumer	7.44Y	123.9	0.00	2.06	0.61	0	4	2	89	0.00	0.0	1.064	0.000	4	2	1	1
601730	PL.7474	B	Consumer	7.47Y	124.5	0.00	1.51	0.69	0	5	2	93	0.00	0.0	1.064	0.000	5	2	1	1
601618	PL.19132	C	Consumer	7.48Y	124.6	0.00	1.40	0.25	0	2	1	89	0.00	0.0	0.995	0.000	2	1	1	1
601611	PL.19132	C	Consumer	7.48Y	124.6	0.00	1.40	0.78	0	5	2	93	0.00	0.0	0.995	0.000	5	2	1	1
601603	PL.19132	C	Consumer	7.48Y	124.6	0.00	1.40	0.22	0	2	1	89	0.00	0.0	0.995	0.000	2	1	1	1
601605	PL.19132	C	Consumer	7.48Y	124.6	0.00	1.40	0.20	0	1	1	71	0.00	0.0	0.995	0.000	1	1	1	1
601614	PL.26459	C	Consumer	7.48Y	124.6	0.00	1.36	0.86	0	6	3	89	0.00	0.0	0.953	0.000	6	3	1	1
601601	PL.26459	C	Consumer	7.48Y	124.6	0.00	1.36	0.36	0	2	1	89	0.00	0.0	0.953	0.000	2	1	1	1
601613	PL.26459	B	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	0.953	0.000	0	0	1	1
601617	PL.26459	A	Consumer	7.45Y	124.2	0.00	1.84	0.75	0	5	2	93	0.00	0.0	0.953	0.000	5	2	0	0
		B		7.48Y	124.6	0.00	1.40	0.74	0	5	2	90					5	2	0	0
		C		7.48Y	124.6	0.00	1.36	0.74	0	5	2	90					5	2	0	0
601417	PL.26457	B	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	0.795	0.000	0	0	0	0
601423	PL.26457	B	Consumer	7.49Y	124.8	0.00	1.23	0.45	0	3	1	95	0.00	0.0	0.795	0.000	3	1	1	1
601403	PL.26457	B	Consumer	7.49Y	124.8	0.00	1.23	0.51	0	3	2	83	0.00	0.0	0.795	0.000	3	2	1	1
601413	PL.26457	B	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	0.795	0.000	0	0	0	0
601416	PL.26457	B	Consumer	7.49Y	124.8	0.00	1.23	0.13	0	1	0	100	0.00	0.0	0.795	0.000	1	0	1	1
601414	PL.26457	B	Consumer	7.49Y	124.8	0.00	1.23	0.33	0	2	1	89	0.00	0.0	0.795	0.000	2	1	1	1
PL.26445	PL.284	A	4ACSR	7.47Y	124.6	0.01	1.45	11.66	10	80	35	92	0.09	0.0	0.780	0.031	0	0	0	23
		B		7.49Y	124.8	0.04	1.22	32.73	28	194	149	79					0	0	0	45
		C		7.49Y	124.8	0.00	1.15	7.82	7	54	23	92					0	0	0	13
PL.18551	PL.26445	A	4ACSR	7.47Y	124.5	0.01	1.45	11.66	10	80	35	92	0.03	0.0	0.790	0.010	0	0	0	23
		B		7.49Y	124.8	0.01	1.23	32.73	28	194	149	79					0	0	0	45
		C		7.49Y	124.8	-0.00	1.15	0.29	0	2	1	91					0	0	0	1

Unbalanced Voltage Drop Report
Source: STANTON

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 PD.3569, PL.18552, PL.45966, PL.45967, 600416, PL.26449, PL.381, 071874, PL.26452, PL.26453, C.PD.2194, PL.26454, 600407, 600414, 600411, PL.26455, PL.26456, 600404, 600403, PL.20853, PL.20854, PL.7480, 600502, 600505, PL.7481, 600504, 600501, 600408, 600406, 600405, 600412, 600415.

Unbalanced Voltage Drop Report
Source: STANTON

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: STANTON

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 0718118 through PL.17160.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
600313	PL.17160	C	Consumer	7.49Y	124.8	0.00	1.16	0.34	0	2	1	89	0.00	0.0	0.817	0.000	2	1	1	1
600303	PL.17160	C	Consumer	7.49Y	124.8	0.00	1.16	0.82	0	6	2	95	0.00	0.0	0.817	0.000	6	2	1	1
601309	PL.17160	C	Consumer	7.49Y	124.8	0.00	1.16	0.63	0	4	2	89	0.00	0.0	0.817	0.000	4	2	1	1
601310	PL.17160	C	Consumer	7.49Y	124.8	0.00	1.16	0.09	0	1	0	100	0.00	0.0	0.817	0.000	1	0	1	1
600312	PL.17160	C	Consumer	7.49Y	124.8	0.00	1.16	0.52	0	4	2	89	0.00	0.0	0.817	0.000	4	2	1	1
600302	PL.17160	C	Consumer	7.49Y	124.8	0.00	1.16	0.37	0	3	1	95	0.00	0.0	0.817	0.000	3	1	1	1
PL.26446	PL.17160	C	4ACSR	7.49Y	124.8	0.00	1.17	3.11	3	21	9	92	0.00	0.0	0.847	0.030	0	0	0	5
600335	PL.26446	C	Consumer	7.49Y	124.8	0.00	1.17	1.14	0	8	3	94	0.00	0.0	0.847	0.000	8	3	1	1
600317	PL.26446	C	Consumer	7.49Y	124.8	0.00	1.17	0.37	0	3	1	95	0.00	0.0	0.847	0.000	3	1	1	1
600315	PL.26446	C	Consumer	7.49Y	124.8	0.00	1.17	0.51	0	3	2	83	0.00	0.0	0.847	0.000	3	2	1	1
600316	PL.26446	C	Consumer	7.49Y	124.8	0.00	1.17	0.45	0	3	1	95	0.00	0.0	0.847	0.000	3	1	1	1
600314	PL.26446	C	Consumer	7.49Y	124.8	0.00	1.17	0.65	0	4	2	89	0.00	0.0	0.847	0.000	4	2	1	1
601307	PL.26444	C	Consumer	7.49Y	124.9	0.00	1.10	0.59	0	4	2	89	0.00	0.0	0.694	0.000	4	2	1	1
601306	PL.26444	C	Consumer	7.49Y	124.9	0.00	1.10	0.48	0	3	1	95	0.00	0.0	0.694	0.000	3	1	1	1
601304	PL.26444	C	Consumer	7.49Y	124.9	0.00	1.10	0.28	0	2	1	89	0.00	0.0	0.694	0.000	2	1	1	1
601305	PL.26444	C	Consumer	7.49Y	124.9	0.00	1.10	0.51	0	3	2	83	0.00	0.0	0.694	0.000	3	2	1	1
601308	PL.26444	C	Consumer	7.49Y	124.9	0.00	1.10	0.55	0	4	2	89	0.00	0.0	0.694	0.000	4	2	1	1
601303	PL.26444	C	Consumer	7.49Y	124.9	0.00	1.10	0.50	0	3	1	95	0.00	0.0	0.694	0.000	3	1	1	1
601311	PL.26444	C	Consumer	7.49Y	124.9	0.00	1.10	0.23	0	2	1	89	0.00	0.0	0.694	0.000	2	1	1	1
PL.17374	PL.26444	C	4ACSR	7.49Y	124.9	0.00	1.10	2.40	2	17	7	92	0.00	0.0	0.700	0.006	0	0	0	5
PD.2187	PL.17374	C	fuse6AMP	7.49Y	124.9	0.00	1.10	2.40	41	17	7	92	0.00	0.0	0.700	0.000	0	0	0	5
PL.17375	PD.2187	C	4ACSR	7.49Y	124.9	0.01	1.11	2.40	2	17	7	92	0.00	0.0	0.778	0.079	0	0	0	5
602304	PL.17375	C	Consumer	7.49Y	124.9	0.00	1.11	0.24	0	2	1	89	0.00	0.0	0.778	0.000	2	1	1	1
602302	PL.17375	C	Consumer	7.49Y	124.9	0.00	1.11	0.83	0	6	2	95	0.00	0.0	0.778	0.000	6	2	1	1
602303	PL.17375	C	Consumer	7.49Y	124.9	0.00	1.11	0.00	0	0	0	100	0.00	0.0	0.778	0.000	0	0	0	0
PL.7472	PL.17375	C	4ACSR	7.49Y	124.9	0.00	1.11	1.33	1	9	4	91	0.00	0.0	0.822	0.044	0	0	0	3
602308	PL.7472	C	Consumer	7.49Y	124.9	0.00	1.11	0.49	0	3	1	95	0.00	0.0	0.822	0.000	3	1	1	1
602306	PL.7472	C	Consumer	7.49Y	124.9	0.00	1.11	0.30	0	2	1	89	0.00	0.0	0.822	0.000	2	1	1	1
602307	PL.7472	C	Consumer	7.49Y	124.9	0.00	1.11	0.54	0	4	2	89	0.00	0.0	0.822	0.000	4	2	1	1
601301	PL.26443	C	Consumer	7.50Y	125.0	0.00	1.04	0.47	0	3	1	95	0.00	0.0	0.637	0.000	3	1	1	1
601302	PL.26443	C	Consumer	7.50Y	125.0	0.00	1.04	0.78	0	5	2	93	0.00	0.0	0.637	0.000	5	2	1	1
PL.17372	PL.17176	A	6ACWC	7.50Y	124.9	0.00	1.06	21.07	18	145	64	91	0.05	0.0	0.577	0.005	0	0	0	27
		B		7.51Y	125.1	0.00	0.89	5.07	4	35	15	92					0	0	0	7
		C		7.50Y	125.0	0.01	0.98	55.90	47	385	167	92					0	0	0	82
PD.3568	PL.17372	A	VWVE	7.50Y	124.9	0.00	1.06	21.07	0	145	64	91	0.00	0.0	0.577	0.000	0	0	0	27
		B		7.51Y	125.1	0.00	0.89	5.07	0	35	15	92					0	0	0	7
		C		7.50Y	125.0	0.00	0.98	55.90	0	384	167	92					0	0	0	82
PL.17373	PD.3568	A	6ACWC	7.49Y	124.9	0.03	1.10	21.07	18	145	64	91	0.75	0.1	0.667	0.090	0	0	0	27
		B		7.51Y	125.1	0.02	0.91	5.07	4	35	15	92					0	0	0	7
		C		7.49Y	124.8	0.24	1.22	55.90	47	384	167	92					0	0	0	82

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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									
PL.13868	PL.17373	A	6ACWC	7.49Y	124.9	0.01	1.11	21.07	18	145	64	91	0.21	0.0	0.692	0.026	0	0	0	27			
		B		7.51Y	125.1	0.00	0.91	4.29	4	30	13	92					0	0	0	6			
		C		7.48Y	124.7	0.07	1.29	55.90	47	384	167	92					0	0	0	82			
PL.13869	PL.13868	A	6ACWC	7.49Y	124.9	0.02	1.12	21.07	18	145	64	91	0.37	0.1	0.737	0.045	0	0	0	27			
		B		7.50Y	125.1	0.00	0.92	2.69	2	19	8	92					0	0	0	4			
		C		7.48Y	124.6	0.12	1.41	55.90	47	384	167	92					0	0	0	82			
PL.7479	PL.13869	A	6ACWC	7.49Y	124.9	0.00	1.12	21.07	18	145	64	91	0.02	0.0	0.740	0.003	0	0	0	27			
		B		7.50Y	125.1	0.00	0.92	2.69	2	19	8	92					0	0	0	4			
		C		7.48Y	124.6	0.01	1.42	55.90	47	383	167	92					0	0	0	82			
PL.25210	PL.7479	A	6ACWC	7.49Y	124.9	0.02	1.14	21.07	18	145	64	91	0.13	0.0	0.772	0.032	0	0	0	27			
		B		7.51Y	125.1	-0.00	0.92	1.30	1	9	4	92					0	0	0	2			
		C		7.47Y	124.5	0.06	1.47	36.76	31	252	110	92					0	0	0	47			
071837	PL.25210	A	Consumer	7.49Y	124.9	0.00	1.14	0.12	0	1	0	100	0.00	0.0	0.772	0.000	1	0	1	1			
071838	PL.25210	A	Consumer	7.49Y	124.9	0.00	1.14	0.68	0	5	2	93	0.00	0.0	0.772	0.000	5	2	1	1			
PL.13874	PL.25210	A	6ACWC	7.49Y	124.8	0.03	1.17	20.27	17	139	61	92	0.21	0.1	0.823	0.051	0	0	0	25			
		B		7.51Y	125.1	-0.00	0.91	1.30	1	9	4	92					0	0	0	2			
		C		7.47Y	124.4	0.09	1.57	36.76	31	252	110	92					0	0	0	47			
PL.4829	PL.13874	A	4ACSR	7.49Y	124.8	0.00	1.17	0.91	1	6	3	89	0.00	0.0	0.837	0.014	0	0	0	2			
PL.4830	PL.4829	A	4ACSR	7.49Y	124.8	0.00	1.17	0.91	1	6	3	89	0.00	0.0	0.855	0.019	0	0	0	2			
071862	PL.4830	A	Consumer	7.49Y	124.8	0.00	1.17	0.37	0	3	1	95	0.00	0.0	0.855	0.000	3	1	1	1			
071839	PL.4830	A	Consumer	7.49Y	124.8	0.00	1.17	0.54	0	4	2	89	0.00	0.0	0.855	0.000	4	2	1	1			
PL.13875	PL.13874	A	6ACWC	7.49Y	124.8	0.01	1.18	19.35	16	133	58	92	0.10	0.0	0.849	0.026	0	0	0	23			
		B		7.51Y	125.1	-0.00	0.91	1.30	1	9	4	92					0	0	0	2			
		C		7.46Y	124.4	0.05	1.61	36.76	31	251	110	92					0	0	0	47			
071813	PL.13875	B	Consumer	7.51Y	125.1	0.00	0.91	0.52	0	4	2	89	0.00	0.0	0.849	0.000	4	2	1	1			
071815	PL.13875	C	Consumer	7.46Y	124.4	0.00	1.61	0.58	0	4	2	89	0.00	0.0	0.849	0.000	4	2	1	1			
PL.17488	PL.13875	A	6ACWC	7.49Y	124.8	0.02	1.20	19.35	16	133	58	92	0.18	0.0	0.895	0.045	0	0	0	23			
		B		7.51Y	125.1	-0.00	0.91	0.78	1	5	2	92					0	0	0	1			
		C		7.46Y	124.3	0.08	1.69	36.18	31	247	108	92					0	0	0	46			
C PD.3222	PL.17488	A	fuse6AMP	7.49Y	124.8	0.00	1.20	19.35	331	133	58	92	0.00	0.0	0.895	0.000	0	0	0	23 C			
		B		7.51Y	125.1	0.00	0.91	0.78	13	5	2	92					0	0	0	1 C			
C		C		7.46Y	124.3	0.00	1.69	36.18	618	247	108	92					0	0	0	46 C			
PL.17489	PD.3222	A	6ACWC	7.49Y	124.8	0.00	1.21	19.35	16	133	58	92	0.02	0.0	0.900	0.005	0	0	0	23			
		B		7.51Y	125.1	-0.00	0.91	0.78	1	5	2	92					0	0	0	1			
		C		7.46Y	124.3	0.01	1.70	36.18	31	247	108	92					0	0	0	46			
PL.13881	PL.17489	A	6ACWC	7.49Y	124.8	-0.02	1.19	0.78	1	5	2	93	0.10	0.0	0.952	0.052	0	0	0	1			
		B		7.50Y	125.1	0.01	0.92	0.78	1	5	2	92					0	0	0	1			
		C		7.45Y	124.2	0.07	1.77	28.75	24	197	85	92					0	0	0	39			
071887	PL.13881	A	Consumer	7.49Y	124.8	0.00	1.19	0.39	0	3	1	95	0.00	0.0	0.952	0.000	3	1	0	0			
		B		7.50Y	125.1	0.00	0.92	0.39	0	3	1	92					3	1	0	0			
		C		7.45Y	124.2	0.00	1.77	0.40	0	3	1	92					3	1	0	0			
071880	PL.13881	A	Consumer	7.49Y	124.8	0.00	1.19	0.24	0	2	1	89	0.00	0.0	0.952	0.000	2	1	0	0			
		B		7.50Y	125.1	0.00	0.92	0.24	0	2	1	92					2	1	0	0			
		C		7.45Y	124.2	0.00	1.77	0.24	0	2	1	92					2	1	0	0			
071850	PL.13881	A	Consumer	7.49Y	124.8	0.00	1.19	0.15	0	1	0	100	0.00	0.0	0.952	0.000	1	0	0	0			
		B		7.50Y	125.1	0.00	0.92	0.15	0	1	0	92					1	0	0	0			
		C		7.45Y	124.2	0.00	1.77	0.15	0	1	0	92					1	0	0	0			
PL.26432	PL.13881	A	6ACWC	7.49Y	124.8	-0.01	1.18	0.00	0	0	0	100	0.04	0.0	0.974	0.022	0	0	0	0			
		B		7.50Y	125.1	0.00	0.92	0.00	0	0	0	100					0	0	0	0			
		C		7.45Y	124.2	0.03	1.80	27.96	24	191	83	92					0	0	0	38			
PL.379	PL.26432	C	4ACSR	7.45Y	124.2	0.01	1.81	9.60	8	66	28	92	0.00	0.0	0.989	0.016	0	0	0	12			
PL.26433	PL.379	C	4ACSR	7.45Y	124.2	0.02	1.83	9.60	8	66	28	92	0.01	0.0	1.044	0.055	0	0	0	12			

Unbalanced Voltage Drop Report
Source: STANTON

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: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
071715	PL.7898	C	Consumer	7.45Y	124.2	0.00	1.84	0.86	0	6	3	89	0.00	0.0	1.023	0.000	6	3	1	1
PL.7899	PL.7898	C	4ACSR	7.45Y	124.1	0.04	1.87	16.06	13	110	48	92	0.03	0.0	1.071	0.048	0	0	0	23
PL.4826	PL.7899	C	4ACSR	7.45Y	124.1	0.00	1.87	0.00	0	0	0	100	0.00	0.0	1.071	0.000	0	0	0	0
PL.25208	PL.7899	C	4ACSR	7.45Y	124.1	0.01	1.89	16.06	13	110	47	92	0.01	0.0	1.089	0.018	0	0	0	23
PL.25209	PL.25208	C	4ACSR	7.45Y	124.1	0.01	1.89	14.71	12	101	43	92	0.01	0.0	1.100	0.011	0	0	0	21
PL.7900	PL.25209	C	4ACSR	7.44Y	124.1	0.03	1.92	14.71	12	101	43	92	0.02	0.0	1.140	0.039	0	0	0	21
071721	PL.7900	C	Consumer	7.44Y	124.1	0.00	1.92	0.78	0	5	2	93	0.00	0.0	1.140	0.000	5	2	1	1
071719	PL.7900	C	Consumer	7.44Y	124.1	0.00	1.92	0.68	0	5	2	93	0.00	0.0	1.140	0.000	5	2	1	1
PL.26438	PL.7900	C	4ACSR	7.44Y	124.0	0.03	1.96	13.25	11	91	39	92	0.02	0.0	1.195	0.055	0	0	0	19
PL.26439	PL.26438	C	4ACSR	7.44Y	124.0	0.03	1.99	10.94	9	75	32	92	0.02	0.0	1.255	0.060	0	0	0	15
PL.25205	PL.26439	C	4ACSR	7.44Y	124.0	0.00	1.99	10.94	9	75	32	92	0.00	0.0	1.259	0.003	0	0	0	15
PL.26440	PL.25205	C	4ACSR	7.44Y	124.0	0.01	2.00	5.96	5	41	18	92	0.00	0.0	1.291	0.033	0	0	0	11
PL.26441	PL.26440	C	4ACSR	7.44Y	124.0	0.01	2.00	2.93	2	20	9	91	0.00	0.0	1.337	0.045	0	0	0	5
PL.26442	PL.26441	C	4ACSR	7.44Y	124.0	0.00	2.01	1.48	1	10	4	93	0.00	0.0	1.382	0.045	0	0	0	3
071802	PL.26442	C	Consumer	7.44Y	124.0	0.00	2.01	0.25	0	2	1	89	0.00	0.0	1.382	0.000	2	1	1	1
0718142	PL.26442	C	Consumer	7.44Y	124.0	0.00	2.01	0.68	0	5	2	93	0.00	0.0	1.382	0.000	5	2	1	1
071896	PL.26442	C	Consumer	7.44Y	124.0	0.00	2.01	0.55	0	4	2	89	0.00	0.0	1.382	0.000	4	2	1	1
071888	PL.26441	C	Consumer	7.44Y	124.0	0.00	2.00	0.99	0	7	3	92	0.00	0.0	1.337	0.000	7	3	1	1
071841	PL.26441	C	Consumer	7.44Y	124.0	0.00	2.00	0.46	0	3	1	95	0.00	0.0	1.337	0.000	3	1	1	1
071810	PL.26440	C	Consumer	7.44Y	124.0	0.00	2.00	0.74	0	5	2	93	0.00	0.0	1.291	0.000	5	2	1	1
071894	PL.26440	C	Consumer	7.44Y	124.0	0.00	2.00	0.60	0	4	2	89	0.00	0.0	1.291	0.000	4	2	1	1
071829	PL.26440	C	Consumer	7.44Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	1.291	0.000	0	0	1	1
071831	PL.26440	C	Consumer	7.44Y	124.0	0.00	2.00	0.53	0	4	2	89	0.00	0.0	1.291	0.000	4	2	1	1
0718146	PL.26440	C	Consumer	7.44Y	124.0	0.00	2.00	0.66	0	4	2	89	0.00	0.0	1.291	0.000	4	2	1	1
071886	PL.26440	C	Consumer	7.44Y	124.0	0.00	2.00	0.51	0	4	2	89	0.00	0.0	1.291	0.000	4	2	1	1
071759	PL.25205	C	Consumer	7.44Y	124.0	0.00	1.99	1.31	0	9	4	91	0.00	0.0	1.259	0.000	9	4	1	1
071805	PL.25205	C	Consumer	7.44Y	124.0	0.00	1.99	0.64	0	4	2	89	0.00	0.0	1.259	0.000	4	2	1	1
071834	PL.25205	C	Consumer	7.44Y	124.0	0.00	1.99	1.20	0	8	4	89	0.00	0.0	1.259	0.000	8	4	1	1
071765	PL.25205	C	Consumer	7.44Y	124.0	0.00	1.99	1.82	0	12	5	92	0.00	0.0	1.259	0.000	12	5	1	1
071711	PL.26438	C	Consumer	7.44Y	124.0	0.00	1.96	0.50	0	3	1	95	0.00	0.0	1.195	0.000	3	1	1	1
071724	PL.26438	C	Consumer	7.44Y	124.0	0.00	1.96	0.28	0	2	1	89	0.00	0.0	1.195	0.000	2	1	1	1
071722	PL.26438	C	Consumer	7.44Y	124.0	0.00	1.96	1.10	0	7	3	92	0.00	0.0	1.195	0.000	7	3	1	1
071713	PL.26438	C	Consumer	7.44Y	124.0	0.00	1.96	0.44	0	3	1	95	0.00	0.0	1.195	0.000	3	1	1	1
071893	PL.25208	C	Consumer	7.45Y	124.1	0.00	1.89	0.76	0	5	2	93	0.00	0.0	1.089	0.000	5	2	1	1
071809	PL.25208	C	Consumer	7.45Y	124.1	0.00	1.89	0.58	0	4	2	89	0.00	0.0	1.089	0.000	4	2	1	1
071892	PL.26432	C	Consumer	7.45Y	124.2	0.00	1.80	0.59	0	4	2	89	0.00	0.0	0.974	0.000	4	2	1	1
071891	PL.26432	C	Consumer	7.45Y	124.2	0.00	1.80	0.85	0	6	3	89	0.00	0.0	0.974	0.000	6	3	1	1

Unbalanced Voltage Drop Report
Source: STANTON

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.13876, PL.13877, PL.13878, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.7470	PL.13873	C	4ACSR	7.47Y	124.5	0.00	1.51	0.50	0	3	1	95	0.00	0.0	0.964	0.028	0	0	0	1	
601110	PL.7470	C	Consumer	7.47Y	124.5	0.00	1.51	0.50	0	3	1	95	0.00	0.0	0.964	0.000	3	1	1	1	
PL.3747	PL.13872	C	4ACSR	7.47Y	124.5	0.00	1.51	3.72	3	26	11	92	0.00	0.0	0.930	0.013	0	0	0	4	
PL.3741	PL.3747	C	4ACSR	7.47Y	124.5	0.00	1.51	3.72	3	26	11	92	0.00	0.0	0.944	0.014	0	0	0	4	
601107	PL.3741	C	Consumer	7.47Y	124.5	0.00	1.51	1.67	0	11	5	91	0.00	0.0	0.944	0.000	11	5	1	1	
601105	PL.3741	C	Consumer	7.47Y	124.5	0.00	1.51	0.43	0	3	1	95	0.00	0.0	0.944	0.000	3	1	1	1	
601108	PL.3741	C	Consumer	7.47Y	124.5	0.00	1.51	0.73	0	5	2	93	0.00	0.0	0.944	0.000	5	2	1	1	
601111	PL.3741	C	Consumer	7.47Y	124.5	0.00	1.51	0.89	0	6	3	89	0.00	0.0	0.944	0.000	6	3	1	1	
601106	PL.13872	C	Consumer	7.47Y	124.5	0.00	1.51	0.51	0	4	2	89	0.00	0.0	0.917	0.000	4	2	1	1	
601114	PL.13872	C	Consumer	7.47Y	124.5	0.00	1.51	0.01	0	0	0	100	0.00	0.0	0.917	0.000	0	0	1	1	
600114	PL.7469	C	Consumer	7.47Y	124.5	0.00	1.48	0.84	0	6	2	95	0.00	0.0	0.839	0.000	6	2	1	1	
601101	PL.7469	C	Consumer	7.47Y	124.5	0.00	1.48	0.55	0	4	2	89	0.00	0.0	0.839	0.000	4	2	1	1	
PL.3742	PL.17175	C	4ACSR	7.47Y	124.5	0.00	1.46	0.92	1	6	3	89	0.00	0.0	0.832	0.040	0	0	0	3	
600108	PL.3742	C	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	0.832	0.000	0	0	1	1	
6001016	PL.3742	C	Consumer	7.47Y	124.5	0.00	1.46	0.36	0	2	1	89	0.00	0.0	0.832	0.000	2	1	1	1	
600106	PL.3742	C	Consumer	7.47Y	124.5	0.00	1.46	0.56	0	4	2	89	0.00	0.0	0.832	0.000	4	2	1	1	
600109	PL.3742	C	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	0.832	0.000	0	0	0	0	
PL.13871	PL.17175	C	4ACSR	7.47Y	124.5	0.01	1.48	6.20	5	43	18	92	0.00	0.0	0.841	0.049	0	0	0	12	
600115	PL.13871	C	Consumer	7.47Y	124.5	0.00	1.48	0.45	0	3	1	95	0.00	0.0	0.841	0.000	3	1	1	1	
600103	PL.13871	C	Consumer	7.47Y	124.5	0.00	1.48	0.13	0	1	0	100	0.00	0.0	0.841	0.000	1	0	1	1	
PL.13870	PL.13871	C	4ACSR	7.47Y	124.5	0.00	1.48	5.63	5	39	17	92	0.00	0.0	0.856	0.016	0	0	0	10	
PL.4827	PL.13870	C	4ACSR	7.47Y	124.5	0.00	1.48	5.63	5	39	17	92	0.00	0.0	0.872	0.016	0	0	0	10	
071897	PL.4827	C	Consumer	7.47Y	124.5	0.00	1.48	0.58	0	4	2	89	0.00	0.0	0.872	0.000	4	2	1	1	
PL.19641	PL.4827	C	4ACSR	7.47Y	124.5	0.01	1.49	5.05	4	35	15	92	0.00	0.0	0.905	0.033	0	0	0	9	
PL.19642	PL.19641	C	4ACSR	7.47Y	124.5	0.00	1.50	3.00	3	21	9	92	0.00	0.0	0.941	0.036	0	0	0	7	
0718103	PL.19642	C	Consumer	7.47Y	124.5	0.00	1.50	0.43	0	3	1	95	0.00	0.0	0.941	0.000	3	1	1	1	
0718101	PL.19642	C	Consumer	7.47Y	124.5	0.00	1.50	0.32	0	2	1	89	0.00	0.0	0.941	0.000	2	1	1	1	
PL.25206	PL.19642	C	4ACSR	7.47Y	124.5	0.00	1.50	2.24	2	15	7	91	0.00	0.0	0.979	0.038	0	0	0	5	
PL.25207	PL.25206	C	4ACSR	7.47Y	124.5	0.00	1.50	0.58	0	4	2	89	0.00	0.0	1.007	0.028	0	0	0	3	
071895	PL.25207	C	Consumer	7.47Y	124.5	0.00	1.50	0.04	0	0	0	100	0.00	0.0	1.007	0.000	0	0	1	1	
0718100	PL.25207	C	Consumer	7.47Y	124.5	0.00	1.50	0.52	0	4	2	89	0.00	0.0	1.007	0.000	4	2	1	1	
071878	PL.25207	C	Consumer	7.47Y	124.5	0.00	1.50	0.02	0	0	0	100	0.00	0.0	1.007	0.000	0	0	1	1	
0718102	PL.25206	C	Consumer	7.47Y	124.5	0.00	1.50	0.94	0	6	3	89	0.00	0.0	0.979	0.000	6	3	1	1	
071899	PL.25206	C	Consumer	7.47Y	124.5	0.00	1.50	0.71	0	5	2	93	0.00	0.0	0.979	0.000	5	2	1	1	
071898	PL.19641	C	Consumer	7.47Y	124.5	0.00	1.49	1.22	0	8	4	89	0.00	0.0	0.905	0.000	8	4	1	1	
071811	PL.19641	C	Consumer	7.47Y	124.5	0.00	1.49	0.83	0	6	2	95	0.00	0.0	0.905	0.000	6	2	1	1	
600110	PL.17175	C	Consumer	7.47Y	124.5	0.00	1.46	0.34	0	2	1	89	0.00	0.0	0.792	0.000	2	1	1	1	
600113	PL.17175	C	Consumer	7.47Y	124.5	0.00	1.46	0.59	0	4	2	89	0.00	0.0	0.792	0.000	4	2	1	1	

Unbalanced Voltage Drop Report
Source: STANTON

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 600111, 600112, 600101, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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.3641, PL.29519, PL.29391, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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 604202, 604204, PL.29360, etc.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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			
603227	PL.29361	C	Consumer	7.51Y	125.1	0.00	0.86	0.66	0	5	2	93	0.00	0.0	0.779	0.000	5	2	1	1	
603239	PL.29358	C	Consumer	7.51Y	125.2	0.00	0.82	0.31	0	2	1	89	0.00	0.0	0.664	0.000	2	1	1	1	
603242	PL.29358	A	Consumer	7.51Y	125.1	0.00	0.86	0.18	0	1	1	71	0.00	0.0	0.664	0.000	1	1	1	1	
603245	PL.29358	A	Consumer	7.51Y	125.1	0.00	0.86	0.20	0	1	1	71	0.00	0.0	0.664	0.000	1	1	1	1	
603244	PL.29358	A	Consumer	7.51Y	125.1	0.00	0.86	0.20	0	1	1	71	0.00	0.0	0.664	0.000	1	1	1	1	
603241	PL.29358	A	Consumer	7.51Y	125.1	0.00	0.86	0.11	0	1	0	100	0.00	0.0	0.664	0.000	1	0	1	1	
603246	PL.29358	A	Consumer	7.51Y	125.1	0.00	0.86	0.16	0	1	0	100	0.00	0.0	0.664	0.000	1	0	1	1	
603202	PL.29358	C	Consumer	7.51Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	0.664	0.000	0	0	0	0	
603243	PL.29358	A	Consumer	7.51Y	125.1	0.00	0.86	0.22	0	2	1	89	0.00	0.0	0.664	0.000	2	1	1	1	
603211	PL.29519	A	Consumer	7.51Y	125.2	0.00	0.84	0.42	0	3	1	95	0.00	0.0	0.588	0.000	3	1	1	1	
603210	PL.29519	A	Consumer	7.51Y	125.2	0.00	0.84	0.03	0	0	0	100	0.00	0.0	0.588	0.000	0	0	1	1	
603208	PL.29519	A	Consumer	7.51Y	125.2	0.00	0.84	0.17	0	1	1	71	0.00	0.0	0.588	0.000	1	1	1	1	
603209	PL.29519	A	Consumer	7.51Y	125.2	0.00	0.84	0.37	0	3	1	95	0.00	0.0	0.588	0.000	3	1	1	1	
PL.17354	PL.17353	A	4ACSR	7.51Y	125.2	0.00	0.83	0.71	1	5	2	93	0.00	0.0	0.598	0.051	0	0	0	1	
		C		7.51Y	125.2	0.00	0.77	0.84	1	6	2	92					0	0	0	1	
PL.17355	PL.17354	A	4ACSR	7.51Y	125.2	0.00	0.83	0.71	1	5	2	93	0.00	0.0	0.604	0.006	0	0	0	1	
PD.2100	PL.17355	A	fuse6AMP	7.51Y	125.2	0.00	0.83	0.71	12	5	2	93	0.00	0.0	0.604	0.000	0	0	0	1	
PL.17356	PD.2100	A	4ACSR	7.51Y	125.2	0.00	0.83	0.71	1	5	2	93	0.00	0.0	0.667	0.063	0	0	0	1	
602301	PL.17356	A	Consumer	7.51Y	125.2	0.00	0.83	0.71	0	5	2	93	0.00	0.0	0.667	0.000	5	2	1	1	
PL.3740	PL.17354	C	4ACSR	7.51Y	125.2	0.00	0.77	0.84	1	6	2	95	0.00	0.0	0.639	0.041	0	0	0	1	
603302	PL.3740	C	Consumer	7.51Y	125.2	0.00	0.77	0.00	0	0	0	100	0.00	0.0	0.639	0.000	0	0	0	0	
603301	PL.3740	C	Consumer	7.51Y	125.2	0.00	0.77	0.84	0	6	2	95	0.00	0.0	0.639	0.000	6	2	1	1	
PL.29520	PL.17354	A	4ACSR	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	0.604	0.005	0	0	0	0	
		C		7.51Y	125.2	0.00	0.77	0.00	0	0	0	100					0	0	0	0	
PD.3496-A	PL.29520	A	Open	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	0.604	0.000	0	0	0	0	
		C		7.51Y	125.2	0.00	0.77	0.00	0	0	0	100					0	0	0	0	
603207	PL.17353	A	Consumer	7.51Y	125.2	0.00	0.83	2.28	0	15	7	91	0.00	0.0	0.548	0.000	15	7	1	1	
602207	PL.17180	C	Consumer	7.52Y	125.3	0.00	0.72	0.02	0	0	0	100	0.00	0.0	0.451	0.000	0	0	1	1	
602201	PL.17180	A	Consumer	7.51Y	125.2	0.00	0.78	0.36	0	2	1	89	0.00	0.0	0.451	0.000	2	1	1	1	
		C		7.52Y	125.3	0.00	0.72	0.36	0	2	1	92					2	1	1	1	
602203	PL.17180	A	Consumer	7.51Y	125.2	0.00	0.78	0.26	0	2	1	89	0.00	0.0	0.451	0.000	2	1	1	1	
PL.13394	PL.7458	A	397ACSR	7.51Y	125.2	0.00	0.77	4.25	1	29	13	91	0.00	0.0	0.437	0.021	0	0	0	4	
		B		7.52Y	125.4	-0.00	0.64	0.24	0	2	1	92					0	0	0	1	
		C		7.52Y	125.3	0.00	0.70	1.78	0	12	5	92					0	0	0	4	
PL.13395	PL.13394	A	397ACSR	7.51Y	125.2	0.00	0.77	4.25	1	29	13	91	0.00	0.0	0.488	0.052	0	0	0	4	
		B		7.52Y	125.4	-0.00	0.64	0.24	0	2	1	92					0	0	0	1	
		C		7.52Y	125.3	0.00	0.70	0.68	0	5	2	92					0	0	0	2	
602104	PL.13395	A	Consumer	7.51Y	125.2	0.00	0.77	0.98	0	7	3	92	0.00	0.0	0.488	0.000	7	3	1	1	
602101	PL.13395	A	Consumer	7.51Y	125.2	0.00	0.77	1.66	0	11	5	91	0.00	0.0	0.488	0.000	11	5	1	1	
602103	PL.13395	A	Consumer	7.51Y	125.2	0.00	0.77	0.73	0	5	2	93	0.00	0.0	0.488	0.000	5	2	1	1	
PL.7468	PL.13395	A	397ACSR	7.51Y	125.2	0.00	0.77	0.88	0	6	3	89	0.00	0.0	0.582	0.094	0	0	0	1	
		B		7.52Y	125.4	-0.00	0.63	0.24	0	2	1	92					0	0	0	1	
		C		7.52Y	125.3	0.00	0.70	0.68	0	5	2	92					0	0	0	2	

Unbalanced Voltage Drop Report
Source: STANTON

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.378, PL.13396, PL.17316, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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 606111, PL.226, PL.17324, C PD.3223, PL.17325, PL.4824, 072858, 072811, PL.20768, 072808, 072856, PL.20769, PL.20770, 072853, 072865, PL.21378, PL.21379, 072862, 072863, 072860.

Unbalanced Voltage Drop Report
Source: STANTON

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 (STANTON1) beginning with Device PD.3918.

Unbalanced Voltage Drop Report
Source: STANTON

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 605514, PL.7497, B Consumer, etc.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.14051	PL.14050	A	336ACSR	7.54Y	125.6	0.06	0.39	104.26	24	741	262	94	1.40	0.0	0.578	0.086	0	0	0	111		
		B		7.49Y	124.9	0.15	1.13	163.41	37	1138	455	93					0	0	0	177		
		C		7.53Y	125.5	0.08	0.54	143.87	33	1012	387	93					0	0	0	174		
PL.17384	PL.14051	C	4ACSR	7.53Y	125.4	0.01	0.55	12.87	11	88	40	91	0.00	0.0	0.589	0.011	0	0	0	25		
C PD.2351	PL.17384	C	fuse6AMP	7.53Y	125.4	0.00	0.55	12.87	220	88	40	91	0.00	0.0	0.589	0.000	0	0	0	25 C		
PL.17383	PD.2351	C	4ACSR	7.53Y	125.4	0.00	0.55	12.87	11	88	40	91	0.00	0.0	0.595	0.006	0	0	0	25		
605618	PL.17383	C	Consumer	7.53Y	125.4	0.00	0.55	0.96	0	7	3	92	0.00	0.0	0.595	0.000	7	3	1	1		
605619	PL.17383	C	Consumer	7.53Y	125.4	0.00	0.55	0.83	0	6	3	89	0.00	0.0	0.595	0.000	6	3	1	1		
PL.14052	PL.17383	C	4ACSR	7.53Y	125.4	0.01	0.56	11.08	9	76	34	91	0.01	0.0	0.616	0.021	0	0	0	23		
605608	PL.14052	C	Consumer	7.53Y	125.4	0.00	0.56	0.14	0	1	0	100	0.00	0.0	0.616	0.000	1	0	1	1		
605609	PL.14052	C	Consumer	7.53Y	125.4	0.00	0.56	0.32	0	2	1	89	0.00	0.0	0.616	0.000	2	1	1	1		
605607	PL.14052	C	Consumer	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	0.616	0.000	0	0	0	0		
PL.21384	PL.14052	C	4ACSR	7.53Y	125.4	0.02	0.58	10.61	9	73	32	92	0.01	0.0	0.646	0.031	0	0	0	21		
PL.21385	PL.21384	C	4ACSR	7.52Y	125.4	0.01	0.59	9.33	8	64	28	92	0.00	0.0	0.662	0.016	0	0	0	18		
606601	PL.21385	C	Consumer	7.52Y	125.4	0.00	0.59	0.41	0	3	1	95	0.00	0.0	0.662	0.000	3	1	1	1		
606639	PL.21385	C	Consumer	7.52Y	125.4	0.00	0.59	0.05	0	0	0	100	0.00	0.0	0.662	0.000	0	0	1	1		
606603	PL.21385	C	Consumer	7.52Y	125.4	0.00	0.59	0.43	0	3	1	95	0.00	0.0	0.662	0.000	3	1	1	1		
606602	PL.21385	C	Consumer	7.52Y	125.4	0.00	0.59	0.24	0	2	1	89	0.00	0.0	0.662	0.000	2	1	1	1		
606622	PL.21385	C	Consumer	7.52Y	125.4	0.00	0.59	0.21	0	1	1	71	0.00	0.0	0.662	0.000	1	1	1	1		
606632	PL.21385	C	Consumer	7.52Y	125.4	0.00	0.59	0.21	0	1	1	71	0.00	0.0	0.662	0.000	1	1	1	1		
606631	PL.21385	C	Consumer	7.52Y	125.4	0.00	0.59	1.68	0	11	5	91	0.00	0.0	0.662	0.000	11	5	1	1		
PL.14053	PL.21385	C	4ACSR	7.52Y	125.4	0.00	0.59	6.11	5	42	18	92	0.00	0.0	0.667	0.005	0	0	0	11		
PL.7403	PL.14053	C	4ACSR	7.52Y	125.4	0.01	0.59	6.11	5	42	18	92	0.00	0.0	0.688	0.020	0	0	0	11		
606502	PL.7403	C	Consumer	7.52Y	125.4	0.00	0.59	0.64	0	4	2	89	0.00	0.0	0.688	0.000	4	2	1	1		
606604	PL.7403	C	Consumer	7.52Y	125.4	0.00	0.59	0.21	0	1	1	71	0.00	0.0	0.688	0.000	1	1	1	1		
606513	PL.7403	C	Consumer	7.52Y	125.4	0.00	0.59	1.06	0	7	3	92	0.00	0.0	0.688	0.000	7	3	1	1		
606633	PL.7403	C	Consumer	7.52Y	125.4	0.00	0.59	1.00	0	7	3	92	0.00	0.0	0.688	0.000	7	3	1	1		
606624	PL.7403	C	Consumer	7.52Y	125.4	0.00	0.59	0.47	0	3	1	95	0.00	0.0	0.688	0.000	3	1	1	1		
PL.7404	PL.7403	C	4ACSR	7.52Y	125.4	0.00	0.60	2.73	2	19	8	92	0.00	0.0	0.725	0.037	0	0	0	6		
606629	PL.7404	C	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.725	0.000	0	0	0	0		
606607	PL.7404	C	Consumer	7.52Y	125.4	0.00	0.60	0.91	0	6	3	89	0.00	0.0	0.725	0.000	6	3	1	1		
606610	PL.7404	C	Consumer	7.52Y	125.4	0.00	0.60	0.23	0	2	1	89	0.00	0.0	0.725	0.000	2	1	1	1		
606611	PL.7404	C	Consumer	7.52Y	125.4	0.00	0.60	0.66	0	5	2	93	0.00	0.0	0.725	0.000	5	2	1	1		
606626	PL.7404	C	Consumer	7.52Y	125.4	0.00	0.60	0.35	0	2	1	89	0.00	0.0	0.725	0.000	2	1	1	1		
606638	PL.7404	C	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.725	0.000	0	0	1	1		
606635	PL.7404	C	Consumer	7.52Y	125.4	0.00	0.60	0.58	0	4	2	89	0.00	0.0	0.725	0.000	4	2	1	1		
PL.17382	PL.7404	C	4ACSR	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.754	0.029	0	0	0	0		
PD.3642-B	PL.17382	C	Open	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.754	0.000	0	0	0	0		
605610	PL.21384	C	Consumer	7.53Y	125.4	0.00	0.58	0.21	0	1	1	71	0.00	0.0	0.646	0.000	1	1	1	1		

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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-												KW	KVAR		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	Length (mi)	Cons On	Cons Thru					
605624	PL.21384	C	Consumer	7.53Y	125.4	0.00	0.58	0.51	0	3	2	83	0.00	0.0	0.646	0.000	3	2	1	1		
605613	PL.21384	C	Consumer	7.53Y	125.4	0.00	0.58	0.57	0	4	2	89	0.00	0.0	0.646	0.000	4	2	1	1		
PL.7495	PL.14051	A	336ACSR	7.53Y	125.6	0.04	0.42	89.09	20	639	208	95	0.32	0.0	0.619	0.041	0	0	0	98		
		B		7.49Y	124.8	0.04	1.16	108.14	24	764	270	94					0	0	0	116		
		C		7.53Y	125.4	0.03	0.57	95.13	22	679	229	95					0	0	0	92		
PL.37173	PL.7495	A	336ACSR	7.53Y	125.6	0.02	0.44	89.09	20	638	207	95	0.28	0.0	0.655	0.036	0	0	0	98		
		B		7.49Y	124.8	0.03	1.20	108.14	24	764	270	94					0	0	0	116		
		C		7.52Y	125.4	0.02	0.59	95.13	22	678	229	95					0	0	0	92		
PL.37172	PL.37173	A	336ACSR	7.53Y	125.5	0.02	0.46	66.62	15	467	183	93	0.13	0.0	0.687	0.032	0	0	0	74		
		B		7.49Y	124.8	0.02	1.22	79.47	18	551	224	93					0	0	0	87		
		C		7.52Y	125.4	0.01	0.61	64.96	15	455	178	93					0	0	0	62		
PD.3567	PL.37172	A	VWVE	7.53Y	125.5	0.00	0.46	66.62	0	467	183	93	0.00	0.0	0.687	0.000	0	0	0	74		
		B		7.49Y	124.8	0.00	1.22	79.47	0	551	224	93					0	0	0	87		
		C		7.52Y	125.4	0.00	0.61	64.96	0	455	178	93					0	0	0	62		
PL.37170	PD.3567	A	336ACSR	7.53Y	125.5	0.00	0.46	66.62	15	467	183	93	0.00	0.0	0.688	0.001	0	0	0	74		
		B		7.49Y	124.8	0.00	1.22	79.47	18	551	224	93					0	0	0	87		
		C		7.52Y	125.4	0.00	0.61	64.96	15	455	178	93					0	0	0	62		
PL.37171	PL.37170	A	336ACSR	7.53Y	125.5	0.00	0.47	66.62	15	467	183	93	0.02	0.0	0.693	0.005	0	0	0	74		
		B		7.49Y	124.8	0.00	1.23	79.47	18	551	224	93					0	0	0	87		
		C		7.52Y	125.4	0.00	0.61	64.96	15	455	178	93					0	0	0	62		
PL.28818	PL.37171	A	336ACSR	7.53Y	125.5	0.00	0.47	66.62	15	467	183	93	0.00	0.0	0.693	0.000	0	0	0	74		
		B		7.49Y	124.8	0.00	1.23	79.47	18	551	224	93					0	0	0	87		
		C		7.52Y	125.4	0.00	0.61	64.96	15	455	178	93					0	0	0	62		
PL.14055	PL.28818	A	336ACSR	7.53Y	125.5	0.02	0.49	66.62	15	467	183	93	0.15	0.0	0.730	0.037	0	0	0	74		
		B		7.48Y	124.7	0.02	1.25	76.65	17	532	216	93					0	0	0	81		
		C		7.52Y	125.4	0.02	0.63	64.96	15	455	178	93					0	0	0	62		
606623	PL.14055	A	Consumer	7.53Y	125.5	0.00	0.49	0.10	0	1	0	100	0.00	0.0	0.730	0.000	1	0	1	1		
606636	PL.14055	A	Consumer	7.53Y	125.5	0.00	0.49	0.28	0	2	1	89	0.00	0.0	0.730	0.000	2	1	1	1		
606614	PL.14055	A	Consumer	7.53Y	125.5	0.00	0.49	0.01	0	0	0	100	0.00	0.0	0.730	0.000	0	0	1	1		
606634	PL.14055	A	Consumer	7.53Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	0.730	0.000	0	0	1	1		
606619	PL.14055	A	Consumer	7.53Y	125.5	0.00	0.49	0.72	0	5	2	93	0.00	0.0	0.730	0.000	5	2	1	1		
PL.21169	PL.14055	A	336ACSR	7.53Y	125.5	0.02	0.51	65.50	15	460	179	93	0.15	0.0	0.769	0.039	0	0	0	69		
		B		7.48Y	124.7	0.03	1.28	76.65	17	532	215	93					0	0	0	81		
		C		7.52Y	125.4	0.02	0.64	64.96	15	455	178	93					0	0	0	62		
PL.21170	PL.21169	A	336ACSR	7.53Y	125.5	0.00	0.51	64.41	15	452	176	93	0.00	0.0	0.770	0.001	0	0	0	67		
		B		7.48Y	124.7	0.00	1.28	76.06	17	528	213	93					0	0	0	80		
		C		7.52Y	125.4	0.00	0.64	64.67	15	453	177	93					0	0	0	61		
CP.22 P P	PL.21170	A	Cap (150)	7.53Y	125.5	0.00	0.51	-7.26	0	0	-55	0	0.00	0.0	0.770	0.000	0	0	0	0		
		B		7.48Y	124.7	0.00	1.28	-7.22	0	0	-54	0					0	0	0	0 P		
		C		7.52Y	125.4	0.00	0.64	-7.25	0	0	-55	0					0	0	0	0 P		
PL.19728	PL.21170	A	336ACSR	7.53Y	125.5	0.02	0.53	67.38	15	452	231	89	0.14	0.0	0.802	0.032	0	0	0	67		
		B		7.48Y	124.7	0.02	1.30	79.05	18	528	268	89					0	0	0	80		
		C		7.52Y	125.3	0.02	0.66	67.64	15	453	231	89					0	0	0	61		
PL.18957	PL.19728	A	336ACSR	7.53Y	125.5	0.00	0.53	14.96	3	97	58	86	0.00	0.0	0.807	0.005	0	0	0	2		
		B		7.48Y	124.7	0.00	1.31	43.66	10	292	147	89					0	0	0	45		
		C		7.52Y	125.3	-0.00	0.66	17.96	4	117	67	87					0	0	0	6		
PD.3743	PL.18957	A	70V4E	7.53Y	125.5	0.00	0.53	14.96	21	97	58	86	0.00	0.0	0.807	0.000	0	0	0	2		
		B		7.48Y	124.7	0.00	1.31	43.66	62	292	147	89					0	0	0	45		
		C		7.52Y	125.3	0.00	0.66	17.96	26	117	67	87					0	0	0	6		
PL.18958	PD.3743	A	336ACSR	7.53Y	125.5	0.01	0.54	14.96	3	97	58	86	0.05	0.0	0.869	0.062	0	0	0	2		
		B		7.48Y	124.7	0.03	1.34	43.66	10	292	147	89					0	0	0	45		
		C		7.52Y	125.3	-0.00	0.66	17.96	4	117	67	87					0	0	0	6		

Unbalanced Voltage Drop Report
Source: STANTON

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.13497, PL.17381, PD.3642-A, 607620, 607629, 607622, 607602, 607619, 607615, PL.17377, C PD.2107, PL.17378, PL.28296, PL.28297, 608618, 607532, PL.16963, PL.38824, PD.6728-A, PD.6728-B, PL.38825, 607529, 607506, 606609, 607530, 607531, PL.38822, PL.38823, 606519, 606524.

Unbalanced Voltage Drop Report
Source: STANTON

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: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.38818	PL.7402	B	4ACSR	7.47Y	124.5	0.00	1.45	7.37	6	50	23	91	0.00	0.0	0.999	0.008	0	0	0	11
C PD.6725	PL.38818	B	fuse6AMP	7.47Y	124.5	0.00	1.45	7.37	126	50	23	91	0.00	0.0	0.999	0.000	0	0	0	11 C
PL.38819	PD.6725	B	4ACSR	7.47Y	124.5	0.01	1.46	7.37	6	50	23	91	0.00	0.0	1.030	0.031	0	0	0	11
PL.3719	PL.38819	B	4ACSR	7.47Y	124.5	0.01	1.47	3.38	3	23	10	92	0.00	0.0	1.071	0.041	0	0	0	7
PL.3720	PL.3719	B	4ACSR	7.47Y	124.5	0.00	1.47	0.60	1	4	2	89	0.00	0.0	1.132	0.060	0	0	0	1
608409	PL.3720	B	Consumer	7.47Y	124.5	0.00	1.47	0.60	0	4	2	89	0.00	0.0	1.132	0.000	4	2	1	1
608407	PL.3719	B	Consumer	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	1.071	0.000	0	0	0	0
608404	PL.3719	B	Consumer	7.47Y	124.5	0.00	1.47	0.57	0	4	2	89	0.00	0.0	1.071	0.000	4	2	1	1
PL.21386	PL.3719	B	4ACSR	7.47Y	124.5	0.01	1.48	2.20	2	15	7	91	0.00	0.0	1.139	0.068	0	0	0	5
PL.21427	PL.21386	B	4ACSR	7.47Y	124.5	0.00	1.48	1.86	2	13	6	91	0.00	0.0	1.163	0.024	0	0	0	4
608403	PL.21427	B	Consumer	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	1.163	0.000	0	0	0	0
608308	PL.21427	B	Consumer	7.47Y	124.5	0.00	1.48	0.56	0	4	2	89	0.00	0.0	1.163	0.000	4	2	1	1
608307	PL.21427	B	Consumer	7.47Y	124.5	0.00	1.48	0.38	0	3	1	95	0.00	0.0	1.163	0.000	3	1	1	1
608410	PL.21427	B	Consumer	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	1.163	0.000	0	0	0	0
608408	PL.21427	B	Consumer	7.47Y	124.5	0.00	1.48	0.31	0	2	1	89	0.00	0.0	1.163	0.000	2	1	1	1
608406	PL.21427	B	Consumer	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	1.163	0.000	0	0	0	0
608405	PL.21427	B	Consumer	7.47Y	124.5	0.00	1.48	0.61	0	4	2	89	0.00	0.0	1.163	0.000	4	2	1	1
608402	PL.21386	B	Consumer	7.47Y	124.5	0.00	1.48	0.35	0	2	1	89	0.00	0.0	1.139	0.000	2	1	1	1
PL.3718	PL.38819	B	4ACSR	7.47Y	124.5	0.00	1.47	3.99	3	27	13	90	0.00	0.0	1.047	0.017	0	0	0	4
607528	PL.3718	B	Consumer	7.47Y	124.5	0.00	1.47	1.32	0	9	4	91	0.00	0.0	1.047	0.000	9	4	1	1
PL.3717	PL.3718	B	4ACSR	7.47Y	124.5	0.01	1.47	2.68	2	18	9	89	0.00	0.0	1.091	0.044	0	0	0	3
607511	PL.3717	B	Consumer	7.47Y	124.5	0.00	1.47	0.21	0	1	1	71	0.00	0.0	1.091	0.000	1	1	1	1
607510	PL.3717	B	Consumer	7.47Y	124.5	0.00	1.47	0.37	0	2	1	89	0.00	0.0	1.091	0.000	2	1	1	1
607522	PL.3717	B	Consumer	7.47Y	124.5	0.00	1.47	2.10	0	14	7	89	0.00	0.0	1.091	0.000	14	7	1	1
607404	PL.7402	B	Consumer	7.47Y	124.6	0.00	1.45	0.00	0	0	0	100	0.00	0.0	0.991	0.000	0	0	0	0
PL.39157	PL.19728	A	4ACSR	7.53Y	125.5	0.00	0.53	24.26	20	166	76	91	0.01	0.0	0.806	0.004	0	0	0	37
PD.7077-A	PL.39157	A	Closed	7.53Y	125.5	0.00	0.53	24.26	0	166	76	91	0.00	0.0	0.806	0.000	0	0	0	37
PD.7077-B	PD.7077-A	A	Closed	7.53Y	125.5	0.00	0.53	24.26	0	166	76	91	0.00	0.0	0.806	0.000	0	0	0	37
PL.39158	PD.7077-B	A	4ACSR	7.52Y	125.4	0.05	0.59	24.26	20	166	76	91	0.06	0.0	0.851	0.045	0	0	0	37
PD.3521	PL.39158	A	70V4E	7.52Y	125.4	0.00	0.59	24.26	35	166	76	91	0.00	0.0	0.851	0.000	0	0	0	37
PL.21488	PD.3521	A	4ACSR	7.52Y	125.4	0.01	0.59	24.26	20	166	76	91	0.01	0.0	0.856	0.005	0	0	0	37
606702	PL.21488	A	Consumer	7.52Y	125.4	0.00	0.59	0.00	0	0	0	100	0.00	0.0	0.856	0.000	0	0	0	0
607721	PL.21488	A	Consumer	7.52Y	125.4	0.00	0.59	0.74	0	5	2	93	0.00	0.0	0.856	0.000	5	2	1	1
PL.38826	PL.21488	A	4ACSR	7.52Y	125.4	0.00	0.59	2.37	2	16	8	89	0.00	0.0	0.862	0.007	0	0	0	4
PD.6729	PL.38826	A	fuse6AMP	7.52Y	125.4	0.00	0.59	2.37	40	16	8	89	0.00	0.0	0.862	0.000	0	0	0	4
PL.38827	PD.6729	A	4ACSR	7.52Y	125.4	0.00	0.59	2.37	2	16	8	89	0.00	0.0	0.880	0.018	0	0	0	4
607729	PL.38827	A	Consumer	7.52Y	125.4	0.00	0.59	1.03	0	7	3	92	0.00	0.0	0.880	0.000	7	3	1	1
607735	PL.38827	A	Consumer	7.52Y	125.4	0.00	0.59	0.69	0	5	2	93	0.00	0.0	0.880	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	Length (mi)					KW	KVAR		
607704	PL.38827	A	Consumer	7.52Y	125.4	0.00	0.59	0.60	0	4	2	89	0.00	0.0	0.880	0.000	4	2	1	1	
607730	PL.38827	A	Consumer	7.52Y	125.4	0.00	0.59	0.05	0	0	0	100	0.00	0.0	0.880	0.000	0	0	1	1	
PL.14058	PL.21488	A	4ACSR	7.52Y	125.4	0.04	0.63	21.15	18	145	66	91	0.04	0.0	0.891	0.036	0	0	0	32	
PL.19449	PL.14058	A	4ACSR	7.52Y	125.3	0.04	0.67	21.15	18	145	66	91	0.04	0.0	0.933	0.041	0	0	0	31	
606721	PL.19449	A	Consumer	7.52Y	125.3	0.00	0.67	0.32	0	2	1	89	0.00	0.0	0.933	0.000	2	1	1	1	
606719	PL.19449	A	Consumer	7.52Y	125.3	0.00	0.67	0.03	0	0	0	100	0.00	0.0	0.933	0.000	0	0	1	1	
606724	PL.19449	A	Consumer	7.52Y	125.3	0.00	0.67	0.27	0	2	1	89	0.00	0.0	0.933	0.000	2	1	1	1	
606704	PL.19449	A	Consumer	7.52Y	125.3	0.00	0.67	0.29	0	2	1	89	0.00	0.0	0.933	0.000	2	1	1	1	
606720	PL.19449	A	Consumer	7.52Y	125.3	0.00	0.67	0.44	0	3	1	95	0.00	0.0	0.933	0.000	3	1	1	1	
606723	PL.19449	A	Consumer	7.52Y	125.3	0.00	0.67	0.84	0	6	3	89	0.00	0.0	0.933	0.000	6	3	1	1	
606706	PL.19449	A	Consumer	7.52Y	125.3	0.00	0.67	0.49	0	3	1	95	0.00	0.0	0.933	0.000	3	1	1	1	
606722	PL.19449	A	Consumer	7.52Y	125.3	0.00	0.67	0.14	0	1	0	100	0.00	0.0	0.933	0.000	1	0	1	1	
606707	PL.19449	A	Consumer	7.52Y	125.3	0.00	0.67	0.38	0	3	1	95	0.00	0.0	0.933	0.000	3	1	1	1	
606709	PL.19449	A	Consumer	7.52Y	125.3	0.00	0.67	0.60	0	4	2	89	0.00	0.0	0.933	0.000	4	2	1	1	
606803	PL.19449	A	Consumer	7.52Y	125.3	0.00	0.67	0.53	0	4	2	89	0.00	0.0	0.933	0.000	4	2	1	1	
PL.19450	PL.19449	A	4ACSR	7.52Y	125.3	0.03	0.70	16.81	14	115	53	91	0.03	0.0	0.974	0.041	0	0	0	20	
PL.3711	PL.19450	A	4ACSR	7.52Y	125.3	0.00	0.70	5.10	4	35	15	92	0.00	0.0	0.977	0.003	0	0	0	10	
PL.13473	PL.3711	A	4ACSR	7.52Y	125.3	0.01	0.70	5.10	4	35	15	92	0.00	0.0	1.004	0.027	0	0	0	10	
607818	PL.13473	A	Consumer	7.52Y	125.3	0.00	0.70	0.45	0	3	1	95	0.00	0.0	1.004	0.000	3	1	1	1	
607804	PL.13473	A	Consumer	7.52Y	125.3	0.00	0.70	0.14	0	1	0	100	0.00	0.0	1.004	0.000	1	0	1	1	
607815	PL.13473	A	Consumer	7.52Y	125.3	0.00	0.70	0.51	0	4	2	89	0.00	0.0	1.004	0.000	4	2	1	1	
607816	PL.13473	A	Consumer	7.52Y	125.3	0.00	0.70	0.36	0	2	1	89	0.00	0.0	1.004	0.000	2	1	1	1	
607803	PL.13473	A	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	1.004	0.000	0	0	0	0	
607809	PL.13473	A	Consumer	7.52Y	125.3	0.00	0.70	1.44	0	10	4	93	0.00	0.0	1.004	0.000	10	4	1	1	
607820	PL.13473	A	Consumer	7.52Y	125.3	0.00	0.70	0.33	0	2	1	89	0.00	0.0	1.004	0.000	2	1	1	1	
607814	PL.13473	A	Consumer	7.52Y	125.3	0.00	0.70	0.17	0	1	1	71	0.00	0.0	1.004	0.000	1	1	1	1	
607808	PL.13473	A	Consumer	7.52Y	125.3	0.00	0.70	0.55	0	4	2	89	0.00	0.0	1.004	0.000	4	2	1	1	
PL.13474	PL.13473	A	4ACSR	7.52Y	125.3	0.00	0.71	1.15	1	8	3	94	0.00	0.0	1.039	0.035	0	0	0	2	
607802	PL.13474	A	Consumer	7.52Y	125.3	0.00	0.71	0.45	0	3	1	95	0.00	0.0	1.039	0.000	3	1	1	1	
607904	PL.13474	A	Consumer	7.52Y	125.3	0.00	0.71	0.70	0	5	2	93	0.00	0.0	1.039	0.000	5	2	1	1	
PL.38830	PL.19450	A	4ACSR	7.52Y	125.3	0.00	0.70	11.71	10	80	38	90	0.00	0.0	0.978	0.004	0	0	0	10	
C PD.6731	PL.38830	A	fuse6AMP	7.52Y	125.3	0.00	0.70	11.71	200	80	38	90	0.00	0.0	0.978	0.000	0	0	0	10 C	
PL.38831	PD.6731	A	4ACSR	7.52Y	125.3	0.01	0.71	11.71	10	80	38	90	0.01	0.0	1.000	0.023	0	0	0	10	
PL.13472	PL.38831	A	4ACSR	7.52Y	125.3	0.02	0.73	11.62	10	79	37	91	0.01	0.0	1.035	0.035	0	0	0	9	
607822	PL.13472	A	Consumer	7.52Y	125.3	0.00	0.73	0.72	0	5	2	93	0.00	0.0	1.035	0.000	5	2	1	1	
607813	PL.13472	A	Consumer	7.52Y	125.3	0.00	0.73	0.56	0	4	2	89	0.00	0.0	1.035	0.000	4	2	1	1	
PL.7410	PL.13472	A	4ACSR	7.52Y	125.3	0.01	0.74	10.34	9	70	34	90	0.01	0.0	1.058	0.022	0	0	0	7	
607708	PL.7410	A	Consumer	7.52Y	125.3	0.00	0.74	3.77	0	26	12	91	0.00	0.0	1.058	0.000	26	12	1	1	

Unbalanced Voltage Drop Report
Source: STANTON

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 607812, 607805, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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.13500, PL.17379, PL.19865, etc.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
607610	PL.20805	C	Consumer	7.51Y	125.1	0.00	0.88	1.10	0	7	4	87	0.00	0.0	1.236	0.000	7	4	1	1
607623	PL.20805	C	Consumer	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	1.236	0.000	0	0	0	0
PL.45423	PL.20805	C	4ACSR	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	1.252	0.016	0	0	0	0
6076040	PL.45423	C	Consumer	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	1.252	0.000	0	0	0	0
607609	PL.7406	C	Consumer	7.51Y	125.1	0.00	0.88	0.01	0	0	0	100	0.00	0.0	1.208	0.000	0	0	1	1
608619	PL.19158	C	Consumer	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	1.152	0.000	0	0	0	0
608609	PL.19158	C	Consumer	7.51Y	125.1	0.00	0.88	0.57	0	4	2	89	0.00	0.0	1.152	0.000	4	2	1	1
608608	PL.19158	C	Consumer	7.51Y	125.1	0.00	0.88	0.35	0	2	1	89	0.00	0.0	1.152	0.000	2	1	1	1
608607	PL.30939	C	Consumer	7.51Y	125.1	0.00	0.87	0.57	0	4	2	89	0.00	0.0	1.125	0.000	4	2	1	1
608617	PL.30939	C	Consumer	7.51Y	125.1	0.00	0.87	0.25	0	2	1	89	0.00	0.0	1.125	0.000	2	1	1	1
608614	PL.30939	C	Consumer	7.51Y	125.1	0.00	0.87	0.77	0	5	2	93	0.00	0.0	1.125	0.000	5	2	1	1
609602	PL.30939	C	Consumer	7.51Y	125.1	0.00	0.87	0.46	0	3	1	95	0.00	0.0	1.125	0.000	3	1	1	1
609601	PL.30939	C	Consumer	7.51Y	125.1	0.00	0.87	0.21	0	1	1	71	0.00	0.0	1.125	0.000	1	1	1	1
608606	PL.30939	C	Consumer	7.51Y	125.1	0.00	0.87	0.67	0	5	2	93	0.00	0.0	1.125	0.000	5	2	1	1
PL.30938	PL.19634	C	4ACSR	7.51Y	125.1	0.00	0.86	21.74	18	149	67	91	0.00	0.0	1.077	0.000	0	0	0	33
PL.26711	PL.30938	C	4ACSR	7.51Y	125.1	0.04	0.90	15.03	13	104	45	92	0.03	0.0	1.129	0.052	0	0	0	32
PL.26712	PL.26711	C	4ACSR	7.51Y	125.1	0.00	0.90	15.03	13	104	45	92	0.00	0.0	1.134	0.005	0	0	0	32
C PD.2181	PL.26712	C	fuse6AMP	7.51Y	125.1	0.00	0.90	15.03	257	104	45	92	0.00	0.0	1.134	0.000	0	0	0	32 C
PL.27262	PD.2181	C	4ACSR	7.51Y	125.1	0.01	0.91	15.03	13	104	45	92	0.00	0.0	1.143	0.009	0	0	0	32
PL.7425	PL.27262	C	4ACSR	7.50Y	125.1	0.03	0.94	15.03	13	103	45	92	0.02	0.0	1.185	0.042	0	0	0	32
610601	PL.7425	C	Consumer	7.50Y	125.1	0.00	0.94	0.56	0	4	2	89	0.00	0.0	1.185	0.000	4	2	1	1
610508	PL.7425	C	Consumer	7.50Y	125.1	0.00	0.94	0.96	0	7	3	92	0.00	0.0	1.185	0.000	7	3	1	1
610619	PL.7425	C	Consumer	7.50Y	125.1	0.00	0.94	0.65	0	4	2	89	0.00	0.0	1.185	0.000	4	2	1	1
610618	PL.7425	C	Consumer	7.50Y	125.1	0.00	0.94	0.23	0	2	1	89	0.00	0.0	1.185	0.000	2	1	1	1
PL.26552	PL.7425	C	4ACSR	7.50Y	125.0	0.03	0.97	12.62	11	87	38	92	0.02	0.0	1.238	0.052	0	0	0	28
PL.3763	PL.26552	C	4ACSR	7.50Y	125.0	0.00	0.97	0.86	1	6	3	89	0.00	0.0	1.254	0.017	0	0	0	1
610503	PL.3763	C	Consumer	7.50Y	125.0	0.00	0.97	0.86	0	6	3	89	0.00	0.0	1.254	0.000	6	3	1	1
PL.26553	PL.26552	C	4ACSR	7.50Y	125.0	0.01	0.98	11.76	10	81	35	92	0.01	0.0	1.254	0.016	0	0	0	27
PL.7423	PL.26553	C	4ACSR	7.50Y	125.0	0.03	1.00	11.76	10	81	35	92	0.02	0.0	1.305	0.051	0	0	0	27
610505	PL.7423	C	Consumer	7.50Y	125.0	0.00	1.00	0.42	0	3	1	95	0.00	0.0	1.305	0.000	3	1	1	1
PL.7424	PL.7423	C	4ACSR	7.50Y	125.0	0.04	1.04	9.17	8	63	27	92	0.02	0.0	1.391	0.086	0	0	0	20
PL.26554	PL.7424	C	4ACSR	7.50Y	125.0	0.01	1.05	7.18	6	49	21	92	0.00	0.0	1.416	0.025	0	0	0	14
PL.26555	PL.26554	C	4ACSR	7.50Y	125.0	0.00	1.05	1.77	1	12	5	92	0.00	0.0	1.435	0.019	0	0	0	4
610304	PL.26555	C	Consumer	7.50Y	125.0	0.00	1.05	0.28	0	2	1	89	0.00	0.0	1.435	0.000	2	1	1	1
610424	PL.26555	C	Consumer	7.50Y	125.0	0.00	1.05	0.00	0	0	0	100	0.00	0.0	1.435	0.000	0	0	0	0
610402	PL.26555	C	Consumer	7.50Y	125.0	0.00	1.05	0.37	0	3	1	95	0.00	0.0	1.435	0.000	3	1	1	1
PL.7446	PL.26555	C	4ACSR	7.50Y	124.9	0.00	1.05	1.12	1	8	3	94	0.00	0.0	1.460	0.025	0	0	0	2
610427	PL.7446	C	Consumer	7.50Y	124.9	0.00	1.05	0.55	0	4	2	89	0.00	0.0	1.460	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.7447	PL.7446	C	4ACSR	7.50Y	124.9	0.00	1.05	0.57	0	4	2	89	0.00	0.0	1.474	0.014	0	0	0	1
610303	PL.7447	C	Consumer	7.50Y	124.9	0.00	1.05	0.57	0	4	2	89	0.00	0.0	1.474	0.000	4	2	1	1
PL.3761	PL.26554	C	4ACSR	7.50Y	124.9	0.01	1.06	4.44	4	31	13	92	0.00	0.0	1.454	0.037	0	0	0	8
PL.3762	PL.3761	C	4ACSR	7.50Y	124.9	0.01	1.06	2.02	2	14	6	92	0.00	0.0	1.524	0.070	0	0	0	4
610409	PL.3762	C	Consumer	7.50Y	124.9	0.00	1.06	0.44	0	3	1	95	0.00	0.0	1.524	0.000	3	1	1	1
610414	PL.3762	C	Consumer	7.50Y	124.9	0.00	1.06	0.29	0	2	1	89	0.00	0.0	1.524	0.000	2	1	1	1
610426	PL.3762	C	Consumer	7.50Y	124.9	0.00	1.06	0.95	0	7	3	92	0.00	0.0	1.524	0.000	7	3	1	1
610425	PL.3762	C	Consumer	7.50Y	124.9	0.00	1.06	0.34	0	2	1	89	0.00	0.0	1.524	0.000	2	1	1	1
610405	PL.3762	C	Consumer	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	1.524	0.000	0	0	0	0
610420	PL.3761	C	Consumer	7.50Y	124.9	0.00	1.06	0.26	0	2	1	89	0.00	0.0	1.454	0.000	2	1	1	1
610416	PL.3761	C	Consumer	7.50Y	124.9	0.00	1.06	0.95	0	7	3	92	0.00	0.0	1.454	0.000	7	3	1	1
610419	PL.3761	C	Consumer	7.50Y	124.9	0.00	1.06	0.88	0	6	3	89	0.00	0.0	1.454	0.000	6	3	1	1
610404	PL.3761	C	Consumer	7.50Y	124.9	0.00	1.06	0.33	0	2	1	89	0.00	0.0	1.454	0.000	2	1	1	1
610406	PL.26554	C	Consumer	7.50Y	125.0	0.00	1.05	0.00	0	0	0	100	0.00	0.0	1.416	0.000	0	0	0	0
610428	PL.26554	C	Consumer	7.50Y	125.0	0.00	1.05	0.45	0	3	1	95	0.00	0.0	1.416	0.000	3	1	1	1
610408	PL.26554	C	Consumer	7.50Y	125.0	0.00	1.05	0.51	0	4	2	89	0.00	0.0	1.416	0.000	4	2	1	1
610407	PL.7424	C	Consumer	7.50Y	125.0	0.00	1.04	0.07	0	0	0	100	0.00	0.0	1.391	0.000	0	0	1	1
610412	PL.7424	C	Consumer	7.50Y	125.0	0.00	1.04	0.31	0	2	1	89	0.00	0.0	1.391	0.000	2	1	1	1
610411	PL.7424	C	Consumer	7.50Y	125.0	0.00	1.04	0.23	0	2	1	89	0.00	0.0	1.391	0.000	2	1	1	1
610403	PL.7424	C	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	1.391	0.000	0	0	0	0
610422	PL.7424	C	Consumer	7.50Y	125.0	0.00	1.04	0.41	0	3	1	95	0.00	0.0	1.391	0.000	3	1	1	1
610415	PL.7424	C	Consumer	7.50Y	125.0	0.00	1.04	0.24	0	2	1	89	0.00	0.0	1.391	0.000	2	1	1	1
610413	PL.7424	C	Consumer	7.50Y	125.0	0.00	1.04	0.73	0	5	2	93	0.00	0.0	1.391	0.000	5	2	1	1
PL.3759	PL.7423	C	4ACSR	7.50Y	125.0	0.00	1.01	2.17	2	15	6	93	0.00	0.0	1.340	0.035	0	0	0	6
PL.3760	PL.3759	C	4ACSR	7.50Y	125.0	0.00	1.01	0.93	1	6	3	89	0.00	0.0	1.356	0.016	0	0	0	2
PL.3391	PL.3760	C	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	1.408	0.052	0	0	0	0
6114001	PL.3391	C	Consumer	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	1.408	0.000	0	0	0	0
6114002	6114001	C	Consumer	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	1.408	0.000	0	0	0	0
6114003	PL.3391	C	Consumer	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	1.408	0.000	0	0	0	0
610506	PL.3760	C	Consumer	7.50Y	125.0	0.00	1.01	0.54	0	4	2	89	0.00	0.0	1.356	0.000	4	2	1	1
610507	PL.3760	C	Consumer	7.50Y	125.0	0.00	1.01	0.39	0	3	1	95	0.00	0.0	1.356	0.000	3	1	1	1
PL.7418	PL.3759	C	4ACSR	7.50Y	125.0	0.00	1.01	1.24	1	9	4	91	0.00	0.0	1.412	0.073	0	0	0	4
610418	PL.7418	C	Consumer	7.50Y	125.0	0.00	1.01	0.20	0	1	1	71	0.00	0.0	1.412	0.000	1	1	1	1
610423	PL.7418	C	Consumer	7.50Y	125.0	0.00	1.01	0.37	0	3	1	95	0.00	0.0	1.412	0.000	3	1	1	1
610417	PL.7418	C	Consumer	7.50Y	125.0	0.00	1.01	0.34	0	2	1	89	0.00	0.0	1.412	0.000	2	1	1	1
PL.7419	PL.7418	C	4ACSR	7.50Y	125.0	0.00	1.01	0.34	0	2	1	89	0.00	0.0	1.455	0.043	0	0	0	1
610410	PL.7419	C	Consumer	7.50Y	125.0	0.00	1.01	0.34	0	2	1	89	0.00	0.0	1.455	0.000	2	1	1	1
PL.3722	PL.30938	C	4ACSR	7.51Y	125.1	0.00	0.87	6.72	6	45	22	90	0.00	0.0	1.091	0.014	0	0	0	1

Unbalanced Voltage Drop Report
Source: STANTON

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 for various elements like 609604, 6096010, PL.3723, etc.

Unbalanced Voltage Drop Report
Source: STANTON

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 610602 through 608807.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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						
608806	PL.7395	B	Consumer	7.47Y	124.6	0.00	1.43	4.09	0	27	13	90	0.00	0.0	1.099	0.000	27	13	1	1
608810	PL.7395	B	Consumer	7.47Y	124.6	0.00	1.43	1.01	0	7	3	92	0.00	0.0	1.099	0.000	7	3	1	1
608808	PL.7395	B	Consumer	7.47Y	124.6	0.00	1.43	0.68	0	5	2	93	0.00	0.0	1.099	0.000	5	2	1	1
PL.3758	PL.13246	B	4ACSR	7.47Y	124.6	0.00	1.42	0.60	1	4	2	89	0.00	0.0	1.079	0.014	0	0	0	1
608811	PL.3758	B	Consumer	7.47Y	124.6	0.00	1.42	0.60	0	4	2	89	0.00	0.0	1.079	0.000	4	2	1	1
608712	PL.13501	B	Consumer	7.48Y	124.6	0.00	1.41	0.49	0	3	1	95	0.00	0.0	1.030	0.000	3	1	1	1
608716	PL.13501	B	Consumer	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	1.030	0.000	0	0	0	0
PL.7393	PL.13501	B	4ACSR	7.48Y	124.6	0.00	1.41	4.39	4	30	14	91	0.00	0.0	1.052	0.022	0	0	0	7
PL.7394	PL.7393	B	4ACSR	7.48Y	124.6	0.00	1.41	2.38	2	16	8	89	0.00	0.0	1.074	0.021	0	0	0	4
607715	PL.7394	B	Consumer	7.48Y	124.6	0.00	1.41	0.13	0	1	0	100	0.00	0.0	1.074	0.000	1	0	1	1
607726	PL.7394	B	Consumer	7.48Y	124.6	0.00	1.41	0.04	0	0	0	100	0.00	0.0	1.074	0.000	0	0	1	1
607722	PL.7394	B	Consumer	7.48Y	124.6	0.00	1.41	0.07	0	0	0	100	0.00	0.0	1.074	0.000	0	0	1	1
607734	PL.7394	B	Consumer	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	1.074	0.000	0	0	0	0
607714	PL.7394	B	Consumer	7.48Y	124.6	0.00	1.41	2.14	0	14	7	89	0.00	0.0	1.074	0.000	14	7	1	1
608711	PL.7393	B	Consumer	7.48Y	124.6	0.00	1.41	0.47	0	3	1	95	0.00	0.0	1.052	0.000	3	1	1	1
608727	PL.7393	B	Consumer	7.48Y	124.6	0.00	1.41	0.46	0	3	1	95	0.00	0.0	1.052	0.000	3	1	1	1
608710	PL.7393	B	Consumer	7.48Y	124.6	0.00	1.41	1.08	0	7	4	87	0.00	0.0	1.052	0.000	7	4	1	1
608728	PL.17836	B	Consumer	7.48Y	124.6	0.00	1.38	0.07	0	0	0	100	0.00	0.0	0.993	0.000	0	0	1	1
608605	PL.19865	B	Consumer	7.48Y	124.7	0.00	1.34	1.34	0	9	4	91	0.00	0.0	0.928	0.000	9	4	1	1
608621	PL.19865	C	Consumer	7.52Y	125.3	0.00	0.72	0.15	0	1	0	100	0.00	0.0	0.928	0.000	1	0	1	1
608603	PL.13500	A	Consumer	7.53Y	125.5	0.00	0.54	0.22	0	2	1	89	0.00	0.0	0.902	0.000	2	1	1	1
608615	PL.13500	A	Consumer	7.53Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	0.902	0.000	0	0	0	0
608604	PL.13500	A	Consumer	7.53Y	125.5	0.00	0.54	0.34	0	2	1	89	0.00	0.0	0.902	0.000	2	1	1	1
608701	PL.13500	A	Consumer	7.53Y	125.5	0.00	0.54	0.01	0	0	0	100	0.00	0.0	0.902	0.000	0	0	1	1
PL.39155	PL.13500	A	2ACSR	7.53Y	125.5	0.00	0.54	1.53	1	10	5	89	0.00	0.0	0.906	0.004	0	0	0	0
		B		7.48Y	124.7	0.00	1.34	4.77	3	32	15	91					0	0	0	8
		C		7.52Y	125.3	0.00	0.71	1.54	1	10	5	90					0	0	0	0
PD.7076	PL.39155	A	fuse8AMP	7.53Y	125.5	0.00	0.54	1.53	21	10	5	89	0.00	0.0	0.906	0.000	0	0	0	0
		B		7.48Y	124.7	0.00	1.34	4.77	65	32	15	91					0	0	0	8
		C		7.52Y	125.3	0.00	0.71	1.54	21	10	5	90					0	0	0	0
PL.39156	PD.7076	A	2ACSR	7.53Y	125.5	0.00	0.54	1.53	1	10	5	89	0.00	0.0	0.919	0.013	0	0	0	0
		B		7.48Y	124.7	0.00	1.34	4.77	3	32	15	91					0	0	0	8
		C		7.52Y	125.3	0.00	0.71	1.54	1	10	5	90					0	0	0	0
PL.3714	PL.39156	A	2ACSR	7.53Y	125.5	0.00	0.54	1.53	1	10	5	89	0.00	0.0	0.931	0.012	0	0	0	0
		B		7.48Y	124.7	0.00	1.34	4.57	3	31	14	91					0	0	0	7
		C		7.52Y	125.3	0.00	0.71	1.54	1	10	5	90					0	0	0	0
PL.3713	PL.3714	A	2ACSR	7.53Y	125.5	0.00	0.54	1.53	1	10	5	89	0.00	0.0	0.959	0.028	0	0	0	0
		B		7.48Y	124.7	0.00	1.34	4.57	3	31	14	91					0	0	0	7
		C		7.52Y	125.3	0.00	0.71	1.54	1	10	5	90					0	0	0	0
608720	PL.3713	B	Consumer	7.48Y	124.7	0.00	1.34	0.32	0	2	1	89	0.00	0.0	0.959	0.000	2	1	1	1
608718	PL.3713	A	Consumer	7.53Y	125.5	0.00	0.54	1.53	0	10	5	89	0.00	0.0	0.959	0.000	10	5	0	0
		B		7.48Y	124.7	0.00	1.34	1.54	0	10	5	90					10	5	0	0
		C		7.52Y	125.3	0.00	0.71	1.54	0	10	5	90					10	5	0	0
608724	PL.3713	B	Consumer	7.48Y	124.7	0.00	1.34	0.41	0	3	1	95	0.00	0.0	0.959	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	
608725	PL.3713	B	Consumer	7.48Y	124.7	0.00	1.34	0.45	0	3	1	95	0.00	0.0	0.959	0.000	3	1	1	1
608726	PL.3713	B	Consumer	7.48Y	124.7	0.00	1.34	0.73	0	5	2	93	0.00	0.0	0.959	0.000	5	2	1	1
6087029	PL.3713	B	Consumer	7.48Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	0.959	0.000	0	0	0	0
608722	PL.3713	B	Consumer	7.48Y	124.7	0.00	1.34	0.33	0	2	1	89	0.00	0.0	0.959	0.000	2	1	1	1
608721	PL.3713	B	Consumer	7.48Y	124.7	0.00	1.34	0.34	0	2	1	89	0.00	0.0	0.959	0.000	2	1	1	1
608723	PL.3713	B	Consumer	7.48Y	124.7	0.00	1.34	0.43	0	3	1	95	0.00	0.0	0.959	0.000	3	1	1	1
608719	PL.39156	B	Consumer	7.48Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	0.919	0.000	0	0	0	0
608714	PL.39156	B	Consumer	7.48Y	124.7	0.00	1.34	0.20	0	1	1	71	0.00	0.0	0.919	0.000	1	1	1	1
PL.3749	PL.7407	A	4ACSR	7.53Y	125.5	0.00	0.54	0.97	1	7	3	92	0.00	0.0	0.896	0.027	0	0	0	2
6077039	PL.3749	A	Consumer	7.53Y	125.5	0.00	0.54	0.73	0	5	2	93	0.00	0.0	0.896	0.000	5	2	1	1
607712	PL.3749	A	Consumer	7.53Y	125.5	0.00	0.54	0.24	0	2	1	89	0.00	0.0	0.896	0.000	2	1	1	1
PL.13796	PL.7407	A	4ACSR	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	0.870	0.002	0	0	0	0
PD.2344-A	PL.13796	A	Closed	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	0.870	0.000	0	0	0	0
PD.2344-B	PD.2344-A	A	Closed	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	0.870	0.000	0	0	0	0
608601	PL.7407	B	Consumer	7.48Y	124.7	0.00	1.33	0.00	0	0	0	100	0.00	0.0	0.869	0.000	0	0	0	0
607612	PL.7407	B	Consumer	7.48Y	124.7	0.00	1.33	0.09	0	1	0	100	0.00	0.0	0.869	0.000	1	0	1	1
607701	PL.17380	B	Consumer	7.48Y	124.7	0.00	1.32	0.00	0	0	0	100	0.00	0.0	0.841	0.000	0	0	0	0
607719	PL.17380	B	Consumer	7.48Y	124.7	0.00	1.32	0.00	0	0	0	100	0.00	0.0	0.841	0.000	0	0	0	0
PL.3755	PL.13495	A	2ACSR	7.53Y	125.5	0.00	0.53	3.68	2	24	15	85	0.00	0.0	0.834	0.020	0	0	0	0
		B		7.48Y	124.7	0.00	1.31	3.70	2	24	15	85					0	0	0	0
		C		7.52Y	125.3	0.00	0.67	3.68	2	24	15	85					0	0	0	0
607630	PL.3755	A	Consumer	7.53Y	125.5	0.00	0.53	3.68	0	24	15	85	0.00	0.0	0.834	0.000	24	15	0	0
		B		7.48Y	124.7	0.00	1.31	3.70	0	24	15	85					24	15	0	0
		C		7.52Y	125.3	0.00	0.67	3.68	0	24	15	85					24	15	0	0
607614	PL.3755	A	Consumer	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	0.834	0.000	0	0	0	0
		B		7.48Y	124.7	0.00	1.31	0.00	0	0	0	100					0	0	0	0
		C		7.52Y	125.3	0.00	0.67	0.00	0	0	0	100					0	0	0	0
606627	PL.21169	A	Consumer	7.53Y	125.5	0.00	0.51	0.32	0	2	1	89	0.00	0.0	0.769	0.000	2	1	1	1
606628	PL.21169	A	Consumer	7.53Y	125.5	0.00	0.51	0.77	0	5	2	93	0.00	0.0	0.769	0.000	5	2	1	1
606613	PL.21169	B	Consumer	7.48Y	124.7	0.00	1.28	0.59	0	4	2	89	0.00	0.0	0.769	0.000	4	2	1	1
606612	PL.21169	C	Consumer	7.52Y	125.4	0.00	0.64	0.30	0	2	1	89	0.00	0.0	0.769	0.000	2	1	1	1
605626	PL.28818	B	Consumer	7.49Y	124.8	0.00	1.23	0.55	0	4	2	89	0.00	0.0	0.693	0.000	4	2	1	1
605615	PL.28818	B	Consumer	7.49Y	124.8	0.00	1.23	0.03	0	0	0	100	0.00	0.0	0.693	0.000	0	0	1	1
606640	PL.28818	B	Consumer	7.49Y	124.8	0.00	1.23	0.42	0	3	1	95	0.00	0.0	0.693	0.000	3	1	1	1
606618	PL.28818	B	Consumer	7.49Y	124.8	0.00	1.23	0.65	0	4	2	89	0.00	0.0	0.693	0.000	4	2	1	1
606615	PL.28818	B	Consumer	7.49Y	124.8	0.00	1.23	0.42	0	3	1	95	0.00	0.0	0.693	0.000	3	1	1	1
606616	PL.28818	B	Consumer	7.49Y	124.8	0.00	1.23	0.76	0	5	2	93	0.00	0.0	0.693	0.000	5	2	1	1
PL.37174	PL.37173	A	336ACSR	7.53Y	125.6	0.00	0.44	22.93	5	171	24	99	0.00	0.0	0.656	0.001	0	0	0	24
		B		7.49Y	124.8	0.00	1.20	29.00	7	212	46	98					0	0	0	29
		C		7.52Y	125.4	0.00	0.59	30.39	7	223	50	98					0	0	0	30
PL.19378	PL.37174	A	4ACSR	7.53Y	125.5	0.02	0.47	22.93	19	171	24	99	0.14	0.0	0.685	0.029	0	0	0	24
		B		7.49Y	124.8	0.03	1.23	29.00	24	212	46	98					0	0	0	29
		C		7.52Y	125.4	0.03	0.63	30.39	26	223	50	98					0	0	0	30

Unbalanced Voltage Drop Report
Source: STANTON

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 CP.20, PL.19379, PL.17394, PD.2411, PL.17395, 605740, 606713, 606715, 606701, 606712, PL.14056, PL.14057, PL.17392, PD.2410, PL.17393, 605741, 605733, 605732, 605744, 605703, 605735, 605743, 605731, PL.20856, PL.20857, PD.2350-A, 605706, 605701.

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: STANTON

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.17391	PL.14057	A	397ACSR	7.53Y	125.5	0.00	0.52	8.73	2	60	27	91	0.00	0.0	0.801	0.006	0	0	0	18
		B		7.48Y	124.7	0.00	1.31	13.57	3	92	43	91					0	0	0	22
		C		7.52Y	125.3	0.00	0.70	7.88	2	54	25	90					0	0	0	14
PD.2347-A	PL.17391	A	Closed	7.53Y	125.5	0.00	0.52	8.73	0	60	27	91	0.00	0.0	0.801	0.000	0	0	0	18
		B		7.48Y	124.7	0.00	1.31	13.57	0	92	43	91					0	0	0	22
		C		7.52Y	125.3	0.00	0.70	7.88	0	54	25	90					0	0	0	14
PD.2347-B	PD.2347-A	A	Closed	7.53Y	125.5	0.00	0.52	8.73	0	60	27	91	0.00	0.0	0.801	0.000	0	0	0	18
		B		7.48Y	124.7	0.00	1.31	13.57	0	92	43	91					0	0	0	22
		C		7.52Y	125.3	0.00	0.70	7.88	0	54	25	90					0	0	0	14
PL.19159	PD.2347-B	A	397ACSR	7.53Y	125.5	0.00	0.52	8.73	2	60	27	91	0.00	0.0	0.829	0.028	0	0	0	18
		B		7.48Y	124.7	0.00	1.31	13.57	3	92	43	91					0	0	0	22
		C		7.52Y	125.3	0.00	0.70	7.88	2	54	25	90					0	0	0	14
605720	PL.19159	B	Consumer	7.48Y	124.7	0.00	1.31	1.31	0	9	4	91	0.00	0.0	0.829	0.000	9	4	1	1
605713	PL.19159	C	Consumer	7.52Y	125.3	0.00	0.70	0.03	0	0	0	100	0.00	0.0	0.829	0.000	0	0	1	1
605730	PL.19159	C	Consumer	7.52Y	125.3	0.00	0.70	0.88	0	6	3	89	0.00	0.0	0.829	0.000	6	3	1	1
PL.19160	PL.19159	A	397ACSR	7.53Y	125.5	0.00	0.52	8.73	2	60	27	91	0.00	0.0	0.879	0.050	0	0	0	18
		B		7.48Y	124.7	0.01	1.32	12.26	2	83	39	90					0	0	0	21
		C		7.52Y	125.3	0.00	0.70	6.98	1	47	22	90					0	0	0	12
PL.25852	PL.19160	A	397ACSR	7.53Y	125.5	0.00	0.53	8.73	2	60	27	91	0.00	0.0	0.901	0.021	0	0	0	18
		B		7.48Y	124.7	0.00	1.32	12.26	2	83	39	90					0	0	0	21
		C		7.52Y	125.3	0.00	0.70	6.98	1	47	22	90					0	0	0	12
PL.25853	PL.25852	A	397ACSR	7.53Y	125.5	0.00	0.53	8.73	2	60	27	91	0.00	0.0	0.902	0.002	0	0	0	18
		B		7.48Y	124.7	0.00	1.32	12.26	2	83	39	90					0	0	0	21
		C		7.52Y	125.3	0.00	0.70	6.98	1	47	22	90					0	0	0	12
PL.21380	PL.25853	A	397ACSR	7.53Y	125.5	0.01	0.53	8.73	2	60	27	91	0.00	0.0	0.967	0.065	0	0	0	18
		B		7.48Y	124.7	0.01	1.33	12.26	2	83	39	90					0	0	0	21
		C		7.52Y	125.3	-0.00	0.70	2.95	1	20	9	90					0	0	0	4
604803	PL.21380	A	Consumer	7.53Y	125.5	0.00	0.53	0.92	0	6	3	89	0.00	0.0	0.967	0.000	6	3	0	0
		B		7.48Y	124.7	0.00	1.33	0.93	0	6	3	90					6	3	0	0
		C		7.52Y	125.3	0.00	0.70	0.92	0	6	3	90					6	3	0	0
603807	PL.21380	B	Consumer	7.48Y	124.7	0.00	1.33	0.14	0	1	0	100	0.00	0.0	0.967	0.000	1	0	1	1
6038021	PL.21380	B	Consumer	7.48Y	124.7	0.00	1.33	0.33	0	2	1	89	0.00	0.0	0.967	0.000	1	0	1	3
6038022	6038021	B	Consumer	7.48Y	124.7	0.00	1.33	0.22	0	1	1	71	0.00	0.0	0.967	0.000	1	0	1	2
603808	6038022	B	Consumer	7.48Y	124.7	0.00	1.33	0.07	0	0	0	100	0.00	0.0	0.967	0.000	0	0	1	1
603811	PL.21380	B	Consumer	7.48Y	124.7	0.00	1.33	2.08	0	14	7	89	0.00	0.0	0.967	0.000	14	7	1	1
604801	PL.21380	B	Consumer	7.48Y	124.7	0.00	1.33	0.05	0	0	0	100	0.00	0.0	0.967	0.000	0	0	1	1
PL.21381	PL.21380	A	397ACSR	7.53Y	125.5	0.00	0.53	7.82	2	54	24	91	0.00	0.0	0.977	0.009	0	0	0	18
		B		7.48Y	124.7	0.00	1.33	8.73	2	59	28	91					0	0	0	15
		C		7.52Y	125.3	-0.00	0.70	2.03	0	14	6	91					0	0	0	4
PL.20811	PL.21381	A	397ACSR	7.53Y	125.5	0.00	0.54	7.82	2	54	24	91	0.00	0.0	0.989	0.012	0	0	0	18
		B		7.48Y	124.7	0.00	1.33	8.73	2	59	28	91					0	0	0	15
		C		7.52Y	125.3	-0.00	0.70	2.03	0	14	6	91					0	0	0	4
603806	PL.20811	B	Consumer	7.48Y	124.7	0.00	1.33	1.26	0	9	4	91	0.00	0.0	0.989	0.000	9	4	1	1
603813	PL.20811	B	Consumer	7.48Y	124.7	0.00	1.33	0.45	0	3	1	95	0.00	0.0	0.989	0.000	3	1	1	1
603817	PL.20811	B	Consumer	7.48Y	124.7	0.00	1.33	0.00	0	0	0	100	0.00	0.0	0.989	0.000	0	0	0	0
603816	PL.20811	B	Consumer	7.48Y	124.7	0.00	1.33	2.63	0	18	9	89	0.00	0.0	0.989	0.000	18	9	1	1
603812	PL.20811	B	Consumer	7.48Y	124.7	0.00	1.33	0.03	0	0	0	100	0.00	0.0	0.989	0.000	0	0	1	1
603805	PL.20811	B	Consumer	7.48Y	124.7	0.00	1.33	0.23	0	2	1	89	0.00	0.0	0.989	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: STANTON

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.20789, PL.20810, 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							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.18240	PL.7466	A	336ACSR	7.53Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	1.092	0.007	0	0	0	0
		B		7.48Y	124.7	0.00	1.33	2.07	0	14	7	90					0	0	0	5
		C		7.52Y	125.3	-0.00	0.70	0.00	0	0	0	100					0	0	0	0
602830	PL.18240	B	Consumer	7.48Y	124.7	0.00	1.33	0.37	0	3	1	95	0.00	0.0	1.092	0.000	3	1	1	1
602814	PL.18240	B	Consumer	7.48Y	124.7	0.00	1.33	0.00	0	0	0	100	0.00	0.0	1.092	0.000	0	0	0	0
602841	PL.18240	B	Consumer	7.48Y	124.7	0.00	1.33	0.27	0	2	1	89	0.00	0.0	1.092	0.000	2	1	1	1
602813	PL.18240	B	Consumer	7.48Y	124.7	0.00	1.33	1.42	0	10	5	89	0.00	0.0	1.092	0.000	0	0	1	3
6028044	602813	B	Consumer	7.48Y	124.7	0.00	1.33	1.36	0	9	4	91	0.00	0.0	1.092	0.000	4	2	1	2
6028045	6028044	B	Consumer	7.48Y	124.7	0.00	1.33	0.73	0	5	2	93	0.00	0.0	1.092	0.000	5	2	1	1
PL.18997	PL.18240	A	336ACSR	7.53Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	1.102	0.010	0	0	0	0
		B		7.48Y	124.7	0.00	1.33	0.00	0	0	0	100					0	0	0	0
		C		7.52Y	125.3	0.00	0.70	0.00	0	0	0	100					0	0	0	0
PL.33238	PL.18997	A	336ACSR	7.53Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	1.102	0.001	0	0	0	0
		B		7.48Y	124.7	0.00	1.33	0.00	0	0	0	100					0	0	0	0
		C		7.52Y	125.3	0.00	0.70	0.00	0	0	0	100					0	0	0	0
PD.4359-A	PL.33238	A	Open	7.53Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	1.102	0.000	0	0	0	0
		B		7.48Y	124.7	0.00	1.33	0.00	0	0	0	100					0	0	0	0
		C		7.52Y	125.3	0.00	0.70	0.00	0	0	0	100					0	0	0	0
602843	PL.7466	C	Consumer	7.52Y	125.3	0.00	0.70	1.15	0	8	4	89	0.00	0.0	1.084	0.000	8	4	1	1
603821	PL.20810	B	Consumer	7.48Y	124.7	0.00	1.33	0.60	0	4	2	89	0.00	0.0	1.029	0.000	4	2	1	1
603820	PL.20810	B	Consumer	7.48Y	124.7	0.00	1.33	0.35	0	2	1	89	0.00	0.0	1.029	0.000	2	1	1	1
603803	PL.20810	B	Consumer	7.48Y	124.7	0.00	1.33	0.51	0	3	2	83	0.00	0.0	1.029	0.000	3	2	1	1
603819	PL.20789	B	Consumer	7.48Y	124.7	0.00	1.33	0.40	0	3	1	95	0.00	0.0	1.008	0.000	3	1	1	1
603802	PL.20789	A	Consumer	7.53Y	125.5	0.00	0.54	0.04	0	0	0	100	0.00	0.0	1.008	0.000	0	0	0	0
		B		7.48Y	124.7	0.00	1.33	0.04	0	0	0	90					0	0	0	0
		C		7.52Y	125.3	0.00	0.70	0.04	0	0	0	90					0	0	0	0
603804	PL.20789	A	Consumer	7.53Y	125.5	0.00	0.54	0.15	0	1	1	71	0.00	0.0	1.008	0.000	1	1	0	0
		B		7.48Y	124.7	0.00	1.33	0.16	0	1	1	90					1	1	0	0
		C		7.52Y	125.3	0.00	0.70	0.15	0	1	1	90					1	1	0	0
PL.17401	PL.25853	C	4ACSR	7.52Y	125.3	0.00	0.70	4.03	3	27	13	90	0.00	0.0	0.908	0.005	0	0	0	8
PD.2189	PL.17401	C	fuse10AMP	7.52Y	125.3	0.00	0.70	4.03	42	27	13	90	0.00	0.0	0.908	0.000	0	0	0	8
PL.17402	PD.2189	C	4ACSR	7.52Y	125.3	0.00	0.70	4.03	3	27	13	90	0.00	0.0	0.913	0.005	0	0	0	8
PL.25854	PL.17402	C	4ACSR	7.52Y	125.3	0.00	0.71	1.27	1	9	4	91	0.00	0.0	0.961	0.048	0	0	0	5
604727	PL.25854	C	Consumer	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	0.961	0.000	0	0	0	0
604708	PL.25854	C	Consumer	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	0.961	0.000	0	0	0	0
604720	PL.25854	C	Consumer	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	0.961	0.000	0	0	0	0
604714	PL.25854	C	Consumer	7.52Y	125.3	0.00	0.71	0.22	0	2	1	89	0.00	0.0	0.961	0.000	2	1	1	1
604725	PL.25854	C	Consumer	7.52Y	125.3	0.00	0.71	0.01	0	0	0	100	0.00	0.0	0.961	0.000	0	0	1	1
604716	PL.25854	C	Consumer	7.52Y	125.3	0.00	0.71	0.55	0	4	2	89	0.00	0.0	0.961	0.000	4	2	1	1
604710	PL.25854	C	Consumer	7.52Y	125.3	0.00	0.71	0.25	0	2	1	89	0.00	0.0	0.961	0.000	2	1	1	1
604709	PL.25854	C	Consumer	7.52Y	125.3	0.00	0.71	0.23	0	2	1	89	0.00	0.0	0.961	0.000	2	1	1	1
604717	PL.25854	C	Consumer	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	0.961	0.000	0	0	0	0
PL.25857	PL.25854	C	4ACSR	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	0.978	0.017	0	0	0	0
PD.2348-A	PL.25857	C	Open	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	0.978	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: STANTON

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 On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	% PF			kW Loss	% Loss			KW	KVAR
604724	PL.17402	C	Consumer	7.52Y	125.3	0.00	0.70	0.78	0	5	3	86	0.00	0.0	0.913	0.000	5	3	1	1
604712	PL.17402	C	Consumer	7.52Y	125.3	0.00	0.70	1.06	0	7	3	92	0.00	0.0	0.913	0.000	7	3	1	1
604715	PL.17402	C	Consumer	7.52Y	125.3	0.00	0.70	0.92	0	6	3	89	0.00	0.0	0.913	0.000	6	3	1	1
605712	PL.14056	A	Consumer	7.53Y	125.5	0.00	0.51	0.00	0	0	0	100	0.00	0.0	0.746	0.000	0	0	0	0
		B		7.48Y	124.7	0.00	1.30	0.00	0	0	0	90					0	0	0	0
		C		7.52Y	125.3	0.00	0.69	0.00	0	0	0	90					0	0	0	0
605715	PL.14056	A	Consumer	7.53Y	125.5	0.00	0.51	0.01	0	0	0	100	0.00	0.0	0.746	0.000	0	0	0	0
		B		7.48Y	124.7	0.00	1.30	0.01	0	0	0	90					0	0	0	0
		C		7.52Y	125.3	0.00	0.69	0.01	0	0	0	90					0	0	0	0
605734	PL.14056	C	Consumer	7.52Y	125.3	0.00	0.69	0.00	0	0	0	100	0.00	0.0	0.746	0.000	0	0	0	0
605729	PL.14056	A	Consumer	7.53Y	125.5	0.00	0.51	0.12	0	1	0	100	0.00	0.0	0.746	0.000	1	0	0	0
		B		7.48Y	124.7	0.00	1.30	0.12	0	1	0	90					1	0	0	0
		C		7.52Y	125.3	0.00	0.69	0.12	0	1	0	90					1	0	0	0
605727	PL.14056	B	Consumer	7.48Y	124.7	0.00	1.30	1.31	0	9	4	91	0.00	0.0	0.746	0.000	9	4	1	1
605739	PL.14056	B	Consumer	7.48Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	0.746	0.000	0	0	1	1
605736	PL.14056	C	Consumer	7.52Y	125.3	0.00	0.69	1.61	0	11	5	91	0.00	0.0	0.746	0.000	11	5	1	1
605742	PL.14056	A	Consumer	7.53Y	125.5	0.00	0.51	0.08	0	1	0	100	0.00	0.0	0.746	0.000	1	0	0	0
		B		7.48Y	124.7	0.00	1.30	0.08	0	1	0	90					1	0	0	0
		C		7.52Y	125.3	0.00	0.69	0.08	0	1	0	90					1	0	0	0
605724	PL.14056	B	Consumer	7.48Y	124.7	0.00	1.30	0.38	0	3	1	95	0.00	0.0	0.746	0.000	3	1	1	1
PL.8344	PL.19379	A	4ACSR	7.53Y	125.5	0.02	0.53	13.62	11	94	42	91	0.05	0.0	0.776	0.039	0	0	0	3
		B		7.48Y	124.7	0.02	1.32	13.62	11	93	42	91					0	0	0	2
		C		7.52Y	125.3	0.02	0.71	13.55	11	93	42	91					0	0	0	2
606708	PL.8344	A	Consumer	7.53Y	125.5	0.00	0.53	0.08	0	1	0	100	0.00	0.0	0.776	0.000	1	0	1	1
606716	PL.8344	B	Consumer	7.48Y	124.7	0.00	1.32	0.00	0	0	0	100	0.00	0.0	0.776	0.000	0	0	0	0
605726	PL.8344	A	Consumer	7.53Y	125.5	0.00	0.53	0.05	0	0	0	100	0.00	0.0	0.776	0.000	0	0	0	0
		B		7.48Y	124.7	0.00	1.32	0.05	0	0	0	90					0	0	0	0
		C		7.52Y	125.3	0.00	0.71	0.05	0	0	0	90					0	0	0	0
606711	PL.8344	C	Consumer	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	0.776	0.000	0	0	0	0
605719	PL.8344	A	Consumer	7.53Y	125.5	0.00	0.53	4.18	0	29	13	91	0.00	0.0	0.776	0.000	29	13	0	0
		B		7.48Y	124.7	0.00	1.32	4.21	0	29	13	92					29	13	0	0
		C		7.52Y	125.3	0.00	0.71	4.19	0	29	13	92					29	13	0	0
PL.8345	PL.8344	A	4ACSR	7.53Y	125.4	0.02	0.55	9.30	8	64	29	91	0.03	0.0	0.824	0.048	0	0	0	1
		B		7.48Y	124.7	0.02	1.34	9.36	8	64	29	91					0	0	0	1
		C		7.52Y	125.3	0.02	0.73	9.32	8	64	29	91					0	0	0	1
PL.20775	PL.8345	A	4ACSR	7.53Y	125.4	0.00	0.55	5.46	5	39	14	94	0.00	0.0	0.834	0.010	0	0	0	0
		B		7.48Y	124.7	0.00	1.34	5.50	5	39	14	94					0	0	0	0
		C		7.52Y	125.3	0.00	0.73	5.47	5	39	14	94					0	0	0	0
606807	PL.20775	A	Consumer	7.53Y	125.4	0.00	0.55	0.00	0	0	0	100	0.00	0.0	0.834	0.000	0	0	0	0
		B		7.48Y	124.7	0.00	1.34	0.00	0	0	0	100					0	0	0	0
		C		7.52Y	125.3	0.00	0.73	0.00	0	0	0	100					0	0	0	0
606811	PL.20775	A	Consumer	7.53Y	125.4	0.00	0.55	5.46	0	39	14	94	0.00	0.0	0.834	0.000	39	14	0	0
		B		7.48Y	124.7	0.00	1.34	5.50	0	39	14	94					39	14	0	0
		C		7.52Y	125.3	0.00	0.73	5.47	0	39	14	94					39	14	0	0
PL.20776	PL.20775	A	4ACSR	7.53Y	125.4	0.00	0.55	0.00	0	0	0	100	0.00	0.0	0.840	0.006	0	0	0	0
		B		7.48Y	124.7	0.00	1.34	0.00	0	0	0	100					0	0	0	0
		C		7.52Y	125.3	0.00	0.73	0.00	0	0	0	100					0	0	0	0
606810	PL.8345	A	Consumer	7.53Y	125.4	0.00	0.55	1.35	0	9	4	91	0.00	0.0	0.824	0.000	9	4	0	0
		B		7.48Y	124.7	0.00	1.34	1.36	0	9	4	90					9	4	0	0
		C		7.52Y	125.3	0.00	0.73	1.35	0	9	4	90					9	4	0	0

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

Unbalanced Voltage Drop Report
Source: STANTON

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 606805, 606809, PL.18358, PD.3565, PL.18359, 605603, 604628, 604604, 604617, 605604, 604629, 605623, 605601, 604634, PL.26579, PL.26576, 605747, 605606, PL.26578, PD.2350-B, 604632, 604614, 604638, 604639, 604626, 604637, 604621, 604615, 604607, 605616.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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						KW	KVAR		
PL.20763	PL.26579	A	336ACSR	7.54Y	125.6	0.00	0.40	10.32	2	67	39	86	0.05	0.0	0.682	0.041	0	0	0	2		
		B		7.49Y	124.8	0.03	1.20	53.53	12	360	177	90					0	0	0	59		
		C		7.53Y	125.4	0.00	0.56	30.69	7	208	101	90					0	0	0	44		
PL.20764	PL.20763	A	336ACSR	7.54Y	125.6	0.00	0.40	9.03	2	59	35	86	0.01	0.0	0.694	0.012	0	0	0	1		
		B		7.49Y	124.8	0.01	1.21	52.76	12	354	174	90					0	0	0	57		
		C		7.53Y	125.4	0.00	0.56	30.55	7	207	101	90					0	0	0	44		
604618	PL.20764	B	Consumer	7.49Y	124.8	0.00	1.21	0.75	0	5	2	93	0.00	0.0	0.694	0.000	5	2	1	1		
604609	PL.20764	B	Consumer	7.49Y	124.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	0.694	0.000	0	0	0	0		
PL.19729	PL.20764	A	336ACSR	7.54Y	125.6	0.00	0.40	9.03	2	59	35	86	0.03	0.0	0.719	0.024	0	0	0	1		
		B		7.49Y	124.8	0.02	1.23	52.01	12	349	172	90					0	0	0	56		
		C		7.53Y	125.4	0.00	0.56	30.55	7	207	101	90					0	0	0	44		
PL.20112	PL.19729	B	4ACSR	7.49Y	124.8	0.01	1.23	19.78	17	133	64	90	0.01	0.0	0.728	0.009	0	0	0	21		
PD.3744	PL.20112	B	70V4E	7.49Y	124.8	0.00	1.23	19.78	28	133	64	90	0.00	0.0	0.728	0.000	0	0	0	21		
PL.20113	PD.3744	B	4ACSR	7.48Y	124.7	0.06	1.29	19.78	17	133	64	90	0.06	0.0	0.790	0.063	0	0	0	21		
PL.7463	PL.20113	B	4ACSR	7.48Y	124.7	0.01	1.30	19.78	17	133	64	90	0.01	0.0	0.801	0.011	0	0	0	21		
603510	PL.7463	B	Consumer	7.48Y	124.7	0.00	1.30	0.82	0	6	2	95	0.00	0.0	0.801	0.000	6	2	1	1		
PL.38832	PL.7463	B	4ACSR	7.48Y	124.7	0.00	1.30	2.63	2	18	8	91	0.00	0.0	0.804	0.002	0	0	0	5		
PD.6732	PL.38832	B	fuse6AMP	7.48Y	124.7	0.00	1.30	2.63	45	18	8	91	0.00	0.0	0.804	0.000	0	0	0	5		
PL.38833	PD.6732	B	4ACSR	7.48Y	124.7	0.00	1.31	2.63	2	18	8	91	0.00	0.0	0.839	0.035	0	0	0	5		
604636	PL.38833	B	Consumer	7.48Y	124.7	0.00	1.31	0.09	0	1	0	100	0.00	0.0	0.839	0.000	1	0	1	1		
604510	PL.38833	B	Consumer	7.48Y	124.7	0.00	1.31	0.65	0	4	2	89	0.00	0.0	0.839	0.000	4	2	1	1		
604511	PL.38833	B	Consumer	7.48Y	124.7	0.00	1.31	0.37	0	3	1	95	0.00	0.0	0.839	0.000	3	1	1	1		
603509	PL.38833	B	Consumer	7.48Y	124.7	0.00	1.31	0.87	0	6	3	89	0.00	0.0	0.839	0.000	6	3	1	1		
604601	PL.38833	B	Consumer	7.48Y	124.7	0.00	1.31	0.66	0	5	2	93	0.00	0.0	0.839	0.000	5	2	1	1		
604635	PL.38833	B	Consumer	7.48Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	0.839	0.000	0	0	0	0		
PL.25859	PL.7463	B	4ACSR	7.48Y	124.7	0.01	1.31	8.70	7	60	26	92	0.00	0.0	0.825	0.024	0	0	0	13		
603508	PL.25859	B	Consumer	7.48Y	124.7	0.00	1.31	0.77	0	5	2	93	0.00	0.0	0.825	0.000	5	2	1	1		
603507	PL.25859	B	Consumer	7.48Y	124.7	0.00	1.31	1.11	0	8	3	94	0.00	0.0	0.825	0.000	8	3	1	1		
PL.26575	PL.25859	B	4ACSR	7.48Y	124.7	0.01	1.32	5.21	4	36	15	92	0.00	0.0	0.863	0.037	0	0	0	8		
603503	PL.26575	B	Consumer	7.48Y	124.7	0.00	1.32	0.84	0	6	3	89	0.00	0.0	0.863	0.000	6	3	1	1		
PL.38836	PL.26575	B	4ACSR	7.48Y	124.7	0.00	1.32	4.37	4	30	13	92	0.00	0.0	0.869	0.006	0	0	0	7		
PD.6734	PL.38836	B	fuse6AMP	7.48Y	124.7	0.00	1.32	4.37	75	30	13	92	0.00	0.0	0.869	0.000	0	0	0	7		
PL.38837	PD.6734	B	4ACSR	7.48Y	124.7	0.01	1.33	4.37	4	30	13	92	0.00	0.0	0.912	0.044	0	0	0	7		
603505	PL.38837	B	Consumer	7.48Y	124.7	0.00	1.33	0.67	0	5	2	93	0.00	0.0	0.912	0.000	5	2	1	1		
603506	PL.38837	B	Consumer	7.48Y	124.7	0.00	1.33	0.52	0	4	2	89	0.00	0.0	0.912	0.000	4	2	1	1		
603512	PL.38837	B	Consumer	7.48Y	124.7	0.00	1.33	1.06	0	7	3	92	0.00	0.0	0.912	0.000	7	3	1	1		
PL.7461	PL.38837	B	4ACSR	7.48Y	124.7	0.00	1.34	2.13	2	15	6	93	0.00	0.0	0.963	0.051	0	0	0	4		
604512	PL.7461	B	Consumer	7.48Y	124.7	0.00	1.34	0.78	0	5	2	93	0.00	0.0	0.963	0.000	5	2	1	1		
604513	PL.7461	B	Consumer	7.48Y	124.7	0.00	1.34	0.66	0	5	2	93	0.00	0.0	0.963	0.000	5	2	1	1		
604401	PL.7461	B	Consumer	7.48Y	124.7	0.00	1.34	0.68	0	5	2	93	0.00	0.0	0.963	0.000	5	2	1	1		
604402	PL.7461	B	Consumer	7.48Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	0.963	0.000	0	0	1	1		

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.38834	PL.25859	B	4ACSR	7.48Y	124.7	0.00	1.31	1.60	1	11	5	91	0.00	0.0	0.833	0.008	0	0	0	3	
PD.6733	PL.38834	B	fuse6AMP	7.48Y	124.7	0.00	1.31	1.60	27	11	5	91	0.00	0.0	0.833	0.000	0	0	0	3	
PL.38835	PD.6733	B	4ACSR	7.48Y	124.7	0.00	1.32	1.60	1	11	5	91	0.00	0.0	0.882	0.049	0	0	0	3	
603502	PL.38835	B	Consumer	7.48Y	124.7	0.00	1.32	0.40	0	3	1	95	0.00	0.0	0.882	0.000	3	1	1	1	
603501	PL.38835	B	Consumer	7.48Y	124.7	0.00	1.32	0.26	0	2	1	89	0.00	0.0	0.882	0.000	2	1	1	1	
603504	PL.38835	B	Consumer	7.48Y	124.7	0.00	1.32	0.94	0	6	3	89	0.00	0.0	0.882	0.000	6	3	1	1	
PL.3735	PL.7463	B	4ACSR	7.48Y	124.7	0.00	1.31	7.66	6	50	28	87	0.00	0.0	0.813	0.011	0	0	0	2	
603613	PL.3735	B	Consumer	7.48Y	124.7	0.00	1.31	3.17	0	21	10	90	0.00	0.0	0.813	0.000	21	10	1	1	
603630	PL.3735	B	Consumer	7.48Y	124.7	0.00	1.31	4.50	0	29	18	85	0.00	0.0	0.813	0.000	29	18	1	1	
PL.19659	PL.19729	A	336ACSR	7.54Y	125.6	0.00	0.40	9.03	2	59	35	86	0.01	0.0	0.743	0.024	0	0	0	1	
		B		7.49Y	124.8	0.01	1.24	30.37	7	203	102	89					0	0	0	31	
		C		7.53Y	125.4	0.00	0.56	26.93	6	182	90	90					0	0	0	36	
603611	PL.19659	B	Consumer	7.49Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	0.743	0.000	0	0	0	0	
603605	PL.19659	B	Consumer	7.49Y	124.8	0.00	1.24	0.68	0	5	2	93	0.00	0.0	0.743	0.000	5	2	1	1	
603616	PL.19659	B	Consumer	7.49Y	124.8	0.00	1.24	0.63	0	4	2	89	0.00	0.0	0.743	0.000	4	2	1	1	
603626	PL.19659	B	Consumer	7.49Y	124.8	0.00	1.24	0.38	0	3	1	95	0.00	0.0	0.743	0.000	3	1	1	1	
PL.19660	PL.19659	A	336ACSR	7.54Y	125.6	0.00	0.40	9.03	2	59	35	86	0.02	0.0	0.775	0.032	0	0	0	1	
		B		7.49Y	124.8	0.01	1.25	28.68	6	191	97	89					0	0	0	28	
		C		7.53Y	125.4	0.01	0.57	26.93	6	182	90	90					0	0	0	36	
PL.19937	PL.19660	A	336ACSR	7.54Y	125.6	0.00	0.40	3.69	1	24	15	85	0.00	0.0	0.794	0.019	0	0	0	0	
		B		7.48Y	124.7	0.00	1.25	11.63	3	78	39	89					0	0	0	12	
		C		7.53Y	125.4	-0.00	0.57	3.70	1	24	15	85					0	0	0	0	
PL.21370	PL.19937	A	336ACSR	7.54Y	125.6	0.00	0.40	3.69	1	24	15	85	0.00	0.0	0.809	0.015	0	0	0	0	
		B		7.48Y	124.7	0.00	1.25	9.10	2	60	32	89					0	0	0	6	
		C		7.53Y	125.4	-0.00	0.57	3.70	1	24	15	85					0	0	0	0	
602611	PL.21370	B	Consumer	7.48Y	124.7	0.00	1.25	2.87	0	19	9	90	0.00	0.0	0.809	0.000	19	9	1	1	
602607	PL.21370	B	Consumer	7.48Y	124.7	0.00	1.25	0.54	0	4	2	89	0.00	0.0	0.809	0.000	4	2	1	1	
603621	PL.21370	B	Consumer	7.48Y	124.7	0.00	1.25	0.52	0	4	2	89	0.00	0.0	0.809	0.000	4	2	1	1	
603625	PL.21370	B	Consumer	7.48Y	124.7	0.00	1.25	0.44	0	3	1	95	0.00	0.0	0.809	0.000	3	1	1	1	
603608	PL.21370	B	Consumer	7.48Y	124.7	0.00	1.25	0.90	0	6	3	89	0.00	0.0	0.809	0.000	6	3	1	1	
603618	PL.21370	B	Consumer	7.48Y	124.7	0.00	1.25	0.00	0	0	0	100	0.00	0.0	0.809	0.000	0	0	0	0	
603602	PL.21370	B	Consumer	7.48Y	124.7	0.00	1.25	0.00	0	0	0	100	0.00	0.0	0.809	0.000	0	0	0	0	
602612	PL.21370	B	Consumer	7.48Y	124.7	0.00	1.25	0.12	0	1	0	100	0.00	0.0	0.809	0.000	1	0	1	1	
PL.21371	PL.21370	A	336ACSR	7.54Y	125.6	0.00	0.40	3.69	1	24	15	85	0.00	0.0	0.830	0.021	0	0	0	0	
		B		7.48Y	124.7	0.00	1.25	3.72	1	24	15	85					0	0	0	0	
		C		7.53Y	125.4	0.00	0.57	3.70	1	24	15	85					0	0	0	0	
602617	PL.21371	A	Consumer	7.54Y	125.6	0.00	0.40	3.69	0	24	15	85	0.00	0.0	0.830	0.000	24	15	0	0	
		B		7.48Y	124.7	0.00	1.25	3.72	0	24	15	85					24	15	0	0	
		C		7.53Y	125.4	0.00	0.57	3.70	0	24	15	85					24	15	0	0	
603628	PL.19937	B	Consumer	7.48Y	124.7	0.00	1.25	0.36	0	2	1	89	0.00	0.0	0.794	0.000	2	1	1	1	
603624	PL.19937	B	Consumer	7.48Y	124.7	0.00	1.25	0.37	0	3	1	95	0.00	0.0	0.794	0.000	3	1	1	1	
603609	PL.19937	B	Consumer	7.48Y	124.7	0.00	1.25	0.31	0	2	1	89	0.00	0.0	0.794	0.000	2	1	1	1	
603610	PL.19937	B	Consumer	7.48Y	124.7	0.00	1.25	0.73	0	5	2	93	0.00	0.0	0.794	0.000	5	2	1	1	
603627	PL.19937	B	Consumer	7.48Y	124.7	0.00	1.25	0.39	0	3	1	95	0.00	0.0	0.794	0.000	3	1	1	1	

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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				Length (mi)	KW		
603623	PL.19937	B	Consumer	7.48Y	124.7	0.00	1.25	0.39	0	3	1	95	0.00	0.0	0.794	0.000	3	1	1	1
PL.17385	PL.19660	A	336ACSR	7.54Y	125.6	0.00	0.40	5.34	1	35	20	87	0.00	0.0	0.780	0.006	0	0	0	1
		B		7.49Y	124.8	0.00	1.25	17.05	4	114	58	89					0	0	0	16
		C		7.53Y	125.4	0.00	0.57	9.31	2	62	33	88					0	0	0	7
C PD.2408	PL.17385	A	fuse6AMP	7.54Y	125.6	0.00	0.40	5.34	91	35	20	87	0.00	0.0	0.780	0.000	0	0	0	1 C
C		B		7.49Y	124.8	0.00	1.25	17.05	291	114	58	89					0	0	0	16 C
C		C		7.53Y	125.4	0.00	0.57	9.31	159	62	33	88					0	0	0	7 C
PL.17386	PD.2408	A	336ACSR	7.54Y	125.6	0.00	0.40	5.34	1	35	20	87	0.00	0.0	0.819	0.039	0	0	0	1
		B		7.48Y	124.7	0.01	1.26	17.05	4	114	58	89					0	0	0	16
		C		7.53Y	125.4	0.00	0.57	9.31	2	62	33	88					0	0	0	7
PL.7464	PL.17386	A	336ACSR	7.54Y	125.6	0.00	0.41	5.34	1	35	20	87	0.00	0.0	0.884	0.065	0	0	0	1
		B		7.48Y	124.7	0.01	1.27	10.38	2	69	36	89					0	0	0	10
		C		7.53Y	125.4	0.00	0.57	9.31	2	62	33	88					0	0	0	7
PL.17389	PL.7464	B	4ACSR	7.48Y	124.7	0.00	1.27	4.32	4	29	14	90	0.00	0.0	0.890	0.005	0	0	0	6
PD.2335-A	PL.17389	B	Closed	7.48Y	124.7	0.00	1.27	4.32	0	29	14	90	0.00	0.0	0.890	0.000	0	0	0	6
PD.2335-B	PD.2335-A	B	Closed	7.48Y	124.7	0.00	1.27	4.32	0	29	14	90	0.00	0.0	0.890	0.000	0	0	0	6
PL.17390	PD.2335-B	B	4ACSR	7.48Y	124.7	0.01	1.27	4.32	4	29	14	90	0.00	0.0	0.922	0.033	0	0	0	6
602716	PL.17390	B	Consumer	7.48Y	124.7	0.00	1.27	0.68	0	5	2	93	0.00	0.0	0.922	0.000	5	2	1	1
602733	PL.17390	B	Consumer	7.48Y	124.7	0.00	1.27	0.22	0	1	1	71	0.00	0.0	0.922	0.000	1	1	1	1
6027041	PL.17390	B	Consumer	7.48Y	124.7	0.00	1.27	1.55	0	10	5	89	0.00	0.0	0.922	0.000	10	5	1	1
602706	PL.17390	B	Consumer	7.48Y	124.7	0.00	1.27	0.01	0	0	0	100	0.00	0.0	0.922	0.000	0	0	1	1
602739	PL.17390	B	Consumer	7.48Y	124.7	0.00	1.27	1.55	0	10	5	89	0.00	0.0	0.922	0.000	10	5	1	1
602707	PL.17390	B	Consumer	7.48Y	124.7	0.00	1.27	0.32	0	2	1	89	0.00	0.0	0.922	0.000	2	1	1	1
602704	PL.17390	B	Consumer	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	0.922	0.000	0	0	0	0
PL.26461	PL.17390	B	4ACSR	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	0.965	0.043	0	0	0	0
PL.25850	PL.7464	A	336ACSR	7.54Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	0.887	0.003	0	0	0	0
		B		7.48Y	124.7	0.00	1.27	0.00	0	0	0	100					0	0	0	0
		C		7.53Y	125.4	0.00	0.57	0.00	0	0	0	100					0	0	0	0
PL.25851	PL.25850	A	336ACSR	7.54Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	0.920	0.033	0	0	0	0
		B		7.48Y	124.7	0.00	1.27	0.00	0	0	0	100					0	0	0	0
		C		7.53Y	125.4	0.00	0.57	0.00	0	0	0	100					0	0	0	0
PL.33240	PL.25851	A	336ACSR	7.54Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	0.933	0.013	0	0	0	0
		B		7.48Y	124.7	0.00	1.27	0.00	0	0	0	100					0	0	0	0
		C		7.53Y	125.4	0.00	0.57	0.00	0	0	0	100					0	0	0	0
PD.3066-A	PL.33240	A	Open	7.54Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	0.933	0.000	0	0	0	0
		B		7.48Y	124.7	0.00	1.27	0.00	0	0	0	100					0	0	0	0
		C		7.53Y	125.4	0.00	0.57	0.00	0	0	0	100					0	0	0	0
602738	PL.7464	C	Consumer	7.53Y	125.4	0.00	0.57	0.57	0	4	2	89	0.00	0.0	0.884	0.000	4	2	1	1
602737	PL.7464	C	Consumer	7.53Y	125.4	0.00	0.57	0.54	0	4	2	89	0.00	0.0	0.884	0.000	4	2	1	1
602732	PL.7464	C	Consumer	7.53Y	125.4	0.00	0.57	0.43	0	3	1	95	0.00	0.0	0.884	0.000	3	1	1	1
602729	PL.7464	C	Consumer	7.53Y	125.4	0.00	0.57	1.18	0	8	4	89	0.00	0.0	0.884	0.000	8	4	1	1
602730	PL.7464	C	Consumer	7.53Y	125.4	0.00	0.57	0.85	0	6	3	89	0.00	0.0	0.884	0.000	6	3	1	1
602731	PL.7464	C	Consumer	7.53Y	125.4	0.00	0.57	0.40	0	3	1	95	0.00	0.0	0.884	0.000	3	1	1	1
PL.20765	PL.7464	A	4ACSR	7.54Y	125.6	0.01	0.41	5.34	4	35	20	87	0.01	0.0	0.910	0.026	0	0	0	1
		B		7.48Y	124.7	0.01	1.27	6.06	5	40	22	87					0	0	0	4
		C		7.53Y	125.4	0.01	0.58	5.35	4	35	20	87					0	0	0	1

Unbalanced Voltage Drop Report
Source: STANTON

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.28288, 602627, 602601, etc.

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	
603706	PL.7465	C	Consumer	7.52Y	125.4	0.00	0.63	0.54	0	4	2	89	0.00	0.0	0.930	0.000	4	2	1	1
603723	PL.7465	C	Consumer	7.52Y	125.4	0.00	0.63	0.70	0	5	2	93	0.00	0.0	0.930	0.000	5	2	1	1
603721	PL.7465	C	Consumer	7.52Y	125.4	0.00	0.63	0.72	0	5	2	93	0.00	0.0	0.930	0.000	5	2	1	1
603733	PL.7465	C	Consumer	7.52Y	125.4	0.00	0.63	0.29	0	2	1	89	0.00	0.0	0.930	0.000	2	1	1	1
603711	PL.7465	C	Consumer	7.52Y	125.4	0.00	0.63	0.57	0	4	2	89	0.00	0.0	0.930	0.000	4	2	1	1
603727	PL.7465	C	Consumer	7.52Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	0.930	0.000	0	0	0	0
603726	PL.7465	C	Consumer	7.52Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	0.930	0.000	0	0	0	0
603725	PL.7465	C	Consumer	7.52Y	125.4	0.00	0.63	0.26	0	2	1	89	0.00	0.0	0.930	0.000	2	1	1	1
603720	PL.26464	C	Consumer	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	0.876	0.000	0	0	0	0
603728	PL.26464	C	Consumer	7.52Y	125.4	0.00	0.62	0.44	0	3	1	95	0.00	0.0	0.876	0.000	3	1	1	1
603712	PL.26464	C	Consumer	7.52Y	125.4	0.00	0.62	0.85	0	6	3	89	0.00	0.0	0.876	0.000	6	3	1	1
603714	PL.26464	C	Consumer	7.52Y	125.4	0.00	0.62	0.66	0	5	2	93	0.00	0.0	0.876	0.000	5	2	1	1
603735	PL.26464	C	Consumer	7.52Y	125.4	0.00	0.62	0.81	0	6	2	95	0.00	0.0	0.876	0.000	6	2	1	1
603705	PL.26464	C	Consumer	7.52Y	125.4	0.00	0.62	0.39	0	3	1	95	0.00	0.0	0.876	0.000	3	1	1	1
603717	PL.26464	C	Consumer	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	0.876	0.000	0	0	1	1
603716	PL.26464	C	Consumer	7.52Y	125.4	0.00	0.62	0.53	0	4	2	89	0.00	0.0	0.876	0.000	4	2	1	1
603758	PL.26464	C	Consumer	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	0.876	0.000	0	0	0	0
603731	PL.26464	C	Consumer	7.52Y	125.4	0.00	0.62	0.56	0	4	2	89	0.00	0.0	0.876	0.000	4	2	1	1
603703	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.819	0.000	0	0	1	1
603760	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.18	0	1	1	71	0.00	0.0	0.819	0.000	1	1	1	1
603739	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.68	0	5	2	93	0.00	0.0	0.819	0.000	5	2	1	1
603742	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.19	0	1	1	71	0.00	0.0	0.819	0.000	1	1	1	1
603745	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.65	0	5	2	93	0.00	0.0	0.819	0.000	5	2	1	1
603704	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.819	0.000	0	0	0	0
603759	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.25	0	2	1	89	0.00	0.0	0.819	0.000	2	1	1	1
603743	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.819	0.000	0	0	0	0
603741	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.819	0.000	0	0	0	0
603734	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.819	0.000	0	0	0	0
603736	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.819	0.000	0	0	0	0
603708	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.46	0	3	1	95	0.00	0.0	0.819	0.000	3	1	1	1
603750	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.819	0.000	0	0	0	0
603738	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.42	0	3	1	95	0.00	0.0	0.819	0.000	3	1	1	1
603754	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.819	0.000	0	0	0	0
603761	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.78	0	5	3	86	0.00	0.0	0.819	0.000	5	3	1	1
603748	PL.17388	C	Consumer	7.52Y	125.4	0.00	0.60	0.41	0	3	1	95	0.00	0.0	0.819	0.000	3	1	1	1
603629	PL.19729	B	Consumer	7.49Y	124.8	0.00	1.23	0.57	0	4	2	89	0.00	0.0	0.719	0.000	4	2	1	1
603615	PL.19729	B	Consumer	7.49Y	124.8	0.00	1.23	0.45	0	3	1	95	0.00	0.0	0.719	0.000	3	1	1	1
604633	PL.19729	B	Consumer	7.49Y	124.8	0.00	1.23	0.21	0	1	1	71	0.00	0.0	0.719	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
603614	PL.19729	B	Consumer	7.49Y	124.8	0.00	1.23	0.63	0	4	2	89	0.00	0.0	0.719	0.000	4	2	1	1
PL.25855	PL.19729	C	4ACSR	7.53Y	125.4	0.01	0.57	3.62	3	25	11	92	0.00	0.0	0.772	0.053	0	0	0	8
PL.25856	PL.25855	C	4ACSR	7.53Y	125.4	0.00	0.57	3.31	3	23	10	92	0.00	0.0	0.801	0.029	0	0	0	6
604728	PL.25856	C	Consumer	7.53Y	125.4	0.00	0.57	0.34	0	2	1	89	0.00	0.0	0.801	0.000	2	1	1	1
604726	PL.25856	C	Consumer	7.53Y	125.4	0.00	0.57	0.70	0	5	2	93	0.00	0.0	0.801	0.000	5	2	1	1
603751	PL.25856	C	Consumer	7.53Y	125.4	0.00	0.57	0.50	0	3	1	95	0.00	0.0	0.801	0.000	3	1	1	1
604706	PL.25856	C	Consumer	7.53Y	125.4	0.00	0.57	0.20	0	1	1	71	0.00	0.0	0.801	0.000	1	1	1	1
604707	PL.25856	C	Consumer	7.53Y	125.4	0.00	0.57	0.73	0	5	2	93	0.00	0.0	0.801	0.000	5	2	1	1
604723	PL.25856	C	Consumer	7.53Y	125.4	0.00	0.57	0.85	0	6	3	89	0.00	0.0	0.801	0.000	6	3	1	1
604722	PL.25856	C	Consumer	7.53Y	125.4	0.00	0.57	0.00	0	0	0	100	0.00	0.0	0.801	0.000	0	0	0	0
PL.25858	PL.25856	C	4ACSR	7.53Y	125.4	0.00	0.57	0.00	0	0	0	100	0.00	0.0	0.805	0.004	0	0	0	0
PD.2348-B	PL.25858	C	Open	7.53Y	125.4	0.00	0.57	0.00	0	0	0	100	0.00	0.0	0.805	0.000	0	0	0	0
604611	PL.25855	C	Consumer	7.53Y	125.4	0.00	0.57	0.15	0	1	0	100	0.00	0.0	0.772	0.000	1	0	1	1
603612	PL.25855	C	Consumer	7.53Y	125.4	0.00	0.57	0.00	0	0	0	100	0.00	0.0	0.772	0.000	0	0	0	0
603701	PL.25855	C	Consumer	7.53Y	125.4	0.00	0.57	0.00	0	0	0	100	0.00	0.0	0.772	0.000	0	0	0	0
604704	PL.25855	C	Consumer	7.53Y	125.4	0.00	0.57	0.17	0	1	0	100	0.00	0.0	0.772	0.000	1	0	1	1
604612	PL.20763	A B C	Consumer	7.54Y 7.49Y 7.53Y	125.6 124.8 125.4	0.00 0.00 0.00	0.40 1.20 0.56	0.15 0.15 0.15	0 0 0	1 1 1	0 0 0	100 92 92	0.00 0.00 0.00	0.0 0.0 0.0	0.682 0.682 0.682	0.000 0.000 0.000	1 1 1	0 0 0	0 0 0	0 0 0
604613	PL.20763	B	Consumer	7.49Y	124.8	0.00	1.20	0.58	0	4	2	89	0.00	0.0	0.682	0.000	4	2	1	1
604627	PL.20763	B	Consumer	7.49Y	124.8	0.00	1.20	0.04	0	0	0	100	0.00	0.0	0.682	0.000	0	0	1	1
604602	PL.20763	A	Consumer	7.54Y	125.6	0.00	0.40	1.14	0	8	4	89	0.00	0.0	0.682	0.000	8	4	1	1
PL.3738	PL.26579	A	4ACSR	7.54Y	125.6	0.01	0.41	4.77	4	33	14	92	0.00	0.0	0.681	0.040	0	0	0	9
604623	PL.3738	A	Consumer	7.54Y	125.6	0.00	0.41	0.48	0	3	1	95	0.00	0.0	0.681	0.000	3	1	1	1
604509	PL.3738	A	Consumer	7.54Y	125.6	0.00	0.41	0.47	0	3	1	95	0.00	0.0	0.681	0.000	3	1	1	1
604620	PL.3738	A	Consumer	7.54Y	125.6	0.00	0.41	0.03	0	0	0	100	0.00	0.0	0.681	0.000	0	0	1	1
604619	PL.3738	A	Consumer	7.54Y	125.6	0.00	0.41	0.84	0	6	3	89	0.00	0.0	0.681	0.000	6	3	1	1
604501	PL.3738	A	Consumer	7.54Y	125.6	0.00	0.41	0.33	0	2	1	89	0.00	0.0	0.681	0.000	2	1	1	1
604630	PL.3738	A	Consumer	7.54Y	125.6	0.00	0.41	0.65	0	4	2	89	0.00	0.0	0.681	0.000	4	2	1	1
PL.42669	PL.3738	A	2ACSR	7.54Y	125.6	0.00	0.41	1.97	1	14	6	92	0.00	0.0	0.706	0.025	0	0	0	3
604616	PL.42669	A	Consumer	7.54Y	125.6	0.00	0.41	0.74	0	5	2	93	0.00	0.0	0.706	0.000	5	2	1	1
604502	PL.42669	A	Consumer	7.54Y	125.6	0.00	0.41	0.57	0	4	2	89	0.00	0.0	0.706	0.000	4	2	1	1
604625	PL.42669	A	Consumer	7.54Y	125.6	0.00	0.41	0.66	0	5	2	93	0.00	0.0	0.706	0.000	5	2	1	1
604504	PL.14050	C	Consumer	7.53Y	125.5	0.00	0.46	0.32	0	2	1	89	0.00	0.0	0.492	0.000	2	1	1	1
604507	PL.14050	A	Consumer	7.54Y	125.7	0.00	0.34	0.44	0	3	1	95	0.00	0.0	0.492	0.000	3	1	1	1
604508	PL.14050	C	Consumer	7.53Y	125.5	0.00	0.46	0.74	0	5	2	93	0.00	0.0	0.492	0.000	5	2	1	1
604503	PL.14050	A	Consumer	7.54Y	125.7	0.00	0.34	0.19	0	1	1	71	0.00	0.0	0.492	0.000	1	1	1	1
605502	PL.14050	A	Consumer	7.54Y	125.7	0.00	0.34	0.00	0	0	0	100	0.00	0.0	0.492	0.000	0	0	1	1
PL.16899	PL.16962	C	4ACSR	7.53Y	125.5	0.00	0.46	4.93	4	34	15	91	0.00	0.0	0.497	0.006	0	0	0	12

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
C PD.2407	PL.16899	C	fuse6AMP	7.53Y	125.5	0.00	0.46	4.93	84	34	15	91	0.00	0.0	0.497	0.000	0	0	0	12 C
PL.16960	PD.2407	C	4ACSR	7.53Y	125.5	0.01	0.47	4.93	4	34	15	91	0.00	0.0	0.532	0.035	0	0	0	12
PL.7456	PL.16960	C	4ACSR	7.53Y	125.5	0.01	0.48	2.90	2	20	9	91	0.00	0.0	0.570	0.038	0	0	0	8
605506	PL.7456	C	Consumer	7.53Y	125.5	0.00	0.48	0.33	0	2	1	89	0.00	0.0	0.570	0.000	2	1	1	1
605524	PL.7456	C	Consumer	7.53Y	125.5	0.00	0.48	0.16	0	1	0	100	0.00	0.0	0.570	0.000	1	0	1	1
605501	PL.7456	C	Consumer	7.53Y	125.5	0.00	0.48	0.04	0	0	0	100	0.00	0.0	0.570	0.000	0	0	1	1
605525	PL.7456	C	Consumer	7.53Y	125.5	0.00	0.48	0.43	0	3	1	95	0.00	0.0	0.570	0.000	3	1	1	1
605510	PL.7456	C	Consumer	7.53Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	0.570	0.000	0	0	0	0
PL.7455	PL.7456	C	4ACSR	7.53Y	125.5	0.00	0.48	1.95	2	13	6	91	0.00	0.0	0.597	0.027	0	0	0	4
PL.7454	PL.7455	C	4ACSR	7.53Y	125.5	0.00	0.48	0.83	1	6	2	95	0.00	0.0	0.643	0.046	0	0	0	2
605512	PL.7454	C	Consumer	7.53Y	125.5	0.00	0.48	0.37	0	3	1	95	0.00	0.0	0.643	0.000	3	1	1	1
605515	PL.7454	C	Consumer	7.53Y	125.5	0.00	0.48	0.46	0	3	1	95	0.00	0.0	0.643	0.000	3	1	1	1
605507	PL.7455	C	Consumer	7.53Y	125.5	0.00	0.48	0.45	0	3	1	95	0.00	0.0	0.597	0.000	3	1	1	1
605505	PL.7455	C	Consumer	7.53Y	125.5	0.00	0.48	0.67	0	5	2	93	0.00	0.0	0.597	0.000	5	2	1	1
605509	PL.16960	C	Consumer	7.53Y	125.5	0.00	0.47	0.64	0	4	2	89	0.00	0.0	0.532	0.000	4	2	1	1
605503	PL.16960	C	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	0.532	0.000	0	0	0	0
605508	PL.16960	C	Consumer	7.53Y	125.5	0.00	0.47	0.38	0	3	1	95	0.00	0.0	0.532	0.000	3	1	1	1
605513	PL.16960	C	Consumer	7.53Y	125.5	0.00	0.47	0.63	0	4	2	89	0.00	0.0	0.532	0.000	4	2	1	1
605511	PL.16960	C	Consumer	7.53Y	125.5	0.00	0.47	0.38	0	3	1	95	0.00	0.0	0.532	0.000	3	1	1	1
604505	PL.14049	B	Consumer	7.51Y	125.1	0.00	0.90	0.69	0	5	2	93	0.00	0.0	0.444	0.000	5	2	1	1
604514	PL.14049	B	Consumer	7.51Y	125.1	0.00	0.90	1.26	0	9	4	91	0.00	0.0	0.444	0.000	9	4	1	1
604506	PL.14049	B	Consumer	7.51Y	125.1	0.00	0.90	0.75	0	5	2	93	0.00	0.0	0.444	0.000	5	2	1	1
PL.17151	PL.225	B	4ACSR	7.52Y	125.3	0.00	0.69	17.63	15	122	53	92	0.00	0.0	0.334	0.005	0	0	0	51
C PD.2184	PL.17151	B	fuse6AMP	7.52Y	125.3	0.00	0.69	17.63	301	122	53	92	0.00	0.0	0.334	0.000	0	0	0	51 C
PL.17152	PD.2184	B	4ACSR	7.52Y	125.3	0.04	0.73	17.63	15	122	53	92	0.04	0.0	0.381	0.048	0	0	0	51
605402	PL.17152	B	Consumer	7.52Y	125.3	0.00	0.73	0.30	0	2	1	89	0.00	0.0	0.381	0.000	2	1	1	1
605401	PL.17152	B	Consumer	7.52Y	125.3	0.00	0.73	0.17	0	1	1	71	0.00	0.0	0.381	0.000	1	1	1	1
605403	PL.17152	B	Consumer	7.52Y	125.3	0.00	0.73	1.05	0	7	3	92	0.00	0.0	0.381	0.000	7	3	1	1
PL.14137	PL.17152	B	4ACSR	7.51Y	125.2	0.04	0.77	16.11	14	111	48	92	0.03	0.0	0.437	0.055	0	0	0	48
PL.14138	PL.14137	B	4ACSR	7.51Y	125.2	0.01	0.78	12.14	10	84	36	92	0.00	0.0	0.448	0.012	0	0	0	37
606534	PL.14138	B	Consumer	7.51Y	125.2	0.00	0.78	0.59	0	4	2	89	0.00	0.0	0.448	0.000	4	2	1	1
606535	PL.14138	B	Consumer	7.51Y	125.2	0.00	0.78	0.38	0	3	1	95	0.00	0.0	0.448	0.000	3	1	1	1
PL.14136	PL.14138	B	4ACSR	7.51Y	125.2	0.01	0.79	11.18	9	77	33	92	0.01	0.0	0.468	0.020	0	0	0	35
PL.3753	PL.14136	B	4ACSR	7.51Y	125.2	0.00	0.79	1.68	1	12	5	92	0.00	0.0	0.497	0.029	0	0	0	4
606542	PL.3753	B	Consumer	7.51Y	125.2	0.00	0.79	0.47	0	3	1	95	0.00	0.0	0.497	0.000	3	1	1	1
606543	PL.3753	B	Consumer	7.51Y	125.2	0.00	0.79	0.54	0	4	2	89	0.00	0.0	0.497	0.000	4	2	1	1
PL.34683	PL.3753	B	2ACSR	7.51Y	125.2	0.00	0.79	0.67	0	5	2	93	0.00	0.0	0.532	0.035	0	0	0	2
6064004	PL.34683	B	Consumer	7.51Y	125.2	0.00	0.79	0.67	0	5	2	93	0.00	0.0	0.532	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	
6064003	PL.34683	B	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.532	0.000	0	0	1	1
606546	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.55	0	4	2	89	0.00	0.0	0.468	0.000	4	2	1	1
606527	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.66	0	5	2	93	0.00	0.0	0.468	0.000	5	2	1	1
605519	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.42	0	3	1	95	0.00	0.0	0.468	0.000	3	1	1	1
606532	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.31	0	2	1	89	0.00	0.0	0.468	0.000	2	1	1	1
606537	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.39	0	3	1	95	0.00	0.0	0.468	0.000	3	1	1	1
605521	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.05	0	0	0	100	0.00	0.0	0.468	0.000	0	0	1	1
606545	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.21	0	1	1	71	0.00	0.0	0.468	0.000	1	1	1	1
606505	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.468	0.000	0	0	0	0
606526	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.75	0	5	2	93	0.00	0.0	0.468	0.000	5	2	1	1
606510	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.44	0	3	1	95	0.00	0.0	0.468	0.000	3	1	1	1
606533	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.468	0.000	0	0	0	0
606501	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.78	0	5	2	93	0.00	0.0	0.468	0.000	5	2	1	1
606544	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.15	0	1	0	100	0.00	0.0	0.468	0.000	1	0	1	1
606517	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.468	0.000	0	0	0	0
606528	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.468	0.000	0	0	0	0
606538	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.23	0	2	1	89	0.00	0.0	0.468	0.000	2	1	1	1
605518	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.38	0	3	1	95	0.00	0.0	0.468	0.000	3	1	1	1
605520	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.06	0	0	0	100	0.00	0.0	0.468	0.000	0	0	1	1
606515	PL.14136	B	Consumer	7.51Y	125.2	0.00	0.79	0.75	0	5	2	93	0.00	0.0	0.468	0.000	5	2	1	1
PL.14139	PL.14136	B	4ACSR	7.51Y	125.2	0.01	0.79	3.36	3	23	10	92	0.00	0.0	0.504	0.036	0	0	0	16
606511	PL.14139	B	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.504	0.000	0	0	0	0
606506	PL.14139	B	Consumer	7.51Y	125.2	0.00	0.79	0.22	0	2	1	89	0.00	0.0	0.504	0.000	2	1	1	1
606509	PL.14139	B	Consumer	7.51Y	125.2	0.00	0.79	0.60	0	4	2	89	0.00	0.0	0.504	0.000	4	2	1	1
606516	PL.14139	B	Consumer	7.51Y	125.2	0.00	0.79	0.41	0	3	1	95	0.00	0.0	0.504	0.000	3	1	1	1
6065047	PL.14139	B	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.504	0.000	0	0	1	1
606508	PL.14139	B	Consumer	7.51Y	125.2	0.00	0.79	0.33	0	2	1	89	0.00	0.0	0.504	0.000	2	1	1	1
606507	PL.14139	B	Consumer	7.51Y	125.2	0.00	0.79	0.50	0	3	1	95	0.00	0.0	0.504	0.000	3	1	1	1
606512	PL.14139	B	Consumer	7.51Y	125.2	0.00	0.79	0.58	0	4	2	89	0.00	0.0	0.504	0.000	4	2	1	1
606514	PL.14139	B	Consumer	7.51Y	125.2	0.00	0.79	0.19	0	1	1	71	0.00	0.0	0.504	0.000	1	1	1	1
PL.7405	PL.14139	B	4ACSR	7.51Y	125.2	0.00	0.79	0.53	0	4	2	89	0.00	0.0	0.547	0.043	0	0	0	8
607521	PL.7405	B	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.547	0.000	0	0	1	1
607516	PL.7405	B	Consumer	7.51Y	125.2	0.00	0.79	0.03	0	0	0	100	0.00	0.0	0.547	0.000	0	0	1	1
607519	PL.7405	B	Consumer	7.51Y	125.2	0.00	0.79	0.39	0	3	1	95	0.00	0.0	0.547	0.000	3	1	1	1
607512	PL.7405	B	Consumer	7.51Y	125.2	0.00	0.79	0.03	0	0	0	100	0.00	0.0	0.547	0.000	0	0	1	1
607515	PL.7405	B	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.547	0.000	0	0	1	1
607518	PL.7405	B	Consumer	7.51Y	125.2	0.00	0.79	0.09	0	1	0	100	0.00	0.0	0.547	0.000	1	0	1	1
607513	PL.7405	B	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.547	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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			
607514	PL.7405	B	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.547	0.000	0	0	1	1
PL.3752	PL.14137	B	4ACSR	7.51Y	125.2	0.00	0.77	1.34	1	9	4	91	0.00	0.0	0.448	0.012	0	0	0	4
605526	PL.3752	B	Consumer	7.51Y	125.2	0.00	0.77	0.38	0	3	1	95	0.00	0.0	0.448	0.000	3	1	1	1
605530	PL.3752	B	Consumer	7.51Y	125.2	0.00	0.77	0.36	0	2	1	89	0.00	0.0	0.448	0.000	2	1	1	1
605529	PL.3752	B	Consumer	7.51Y	125.2	0.00	0.77	0.25	0	2	1	89	0.00	0.0	0.448	0.000	2	1	1	1
605527	PL.3752	B	Consumer	7.51Y	125.2	0.00	0.77	0.35	0	2	1	89	0.00	0.0	0.448	0.000	2	1	1	1
606529	PL.14137	B	Consumer	7.51Y	125.2	0.00	0.77	0.43	0	3	1	95	0.00	0.0	0.437	0.000	3	1	1	1
606540	PL.14137	B	Consumer	7.51Y	125.2	0.00	0.77	0.31	0	2	1	89	0.00	0.0	0.437	0.000	2	1	1	1
606536	PL.14137	B	Consumer	7.51Y	125.2	0.00	0.77	0.20	0	1	1	71	0.00	0.0	0.437	0.000	1	1	1	1
606541	PL.14137	B	Consumer	7.51Y	125.2	0.00	0.77	0.25	0	2	1	89	0.00	0.0	0.437	0.000	2	1	1	1
605531	PL.14137	B	Consumer	7.51Y	125.2	0.00	0.77	0.28	0	2	1	89	0.00	0.0	0.437	0.000	2	1	1	1
606531	PL.14137	B	Consumer	7.51Y	125.2	0.00	0.77	0.54	0	4	2	89	0.00	0.0	0.437	0.000	4	2	1	1
606539	PL.14137	B	Consumer	7.51Y	125.2	0.00	0.77	0.00	0	0	0	100	0.00	0.0	0.437	0.000	0	0	0	0
606530	PL.14137	B	Consumer	7.51Y	125.2	0.00	0.77	0.62	0	4	2	89	0.00	0.0	0.437	0.000	4	2	1	1
605207	PL.14133	C	Consumer	7.55Y	125.8	0.00	0.21	0.45	0	3	1	95	0.00	0.0	0.228	0.000	3	1	1	1
605205	PL.14133	C	Consumer	7.55Y	125.8	0.00	0.21	0.29	0	2	1	89	0.00	0.0	0.228	0.000	2	1	1	1
605303	PL.14133	A	Consumer	7.55Y	125.8	0.00	0.16	0.00	0	0	0	100	0.00	0.0	0.228	0.000	0	0	0	0
606301	PL.14133	C	Consumer	7.55Y	125.8	0.00	0.21	0.20	0	1	1	71	0.00	0.0	0.228	0.000	1	1	1	1
606311	PL.14133	C	Consumer	7.55Y	125.8	0.00	0.21	0.38	0	3	1	95	0.00	0.0	0.228	0.000	3	1	1	1
605302	PL.14133	C	Consumer	7.55Y	125.8	0.00	0.21	0.73	0	5	2	93	0.00	0.0	0.228	0.000	5	2	1	1
PL.17376	PL.14133	C	4ACSR	7.55Y	125.8	0.00	0.21	2.71	2	19	8	92	0.00	0.0	0.234	0.006	0	0	0	4
PD.2183	PL.17376	C	fuse8AMP	7.55Y	125.8	0.00	0.21	2.71	37	19	8	92	0.00	0.0	0.234	0.000	0	0	0	4
PL.17150	PD.2183	C	4ACSR	7.55Y	125.8	0.01	0.22	2.71	2	19	8	92	0.00	0.0	0.305	0.071	0	0	0	4
PL.7401	PL.17150	C	4ACSR	7.55Y	125.8	0.00	0.23	1.61	1	11	5	91	0.00	0.0	0.348	0.043	0	0	0	1
607305	PL.7401	C	Consumer	7.55Y	125.8	0.00	0.23	1.61	0	11	5	91	0.00	0.0	0.348	0.000	11	5	1	1
606304	PL.17150	C	Consumer	7.55Y	125.8	0.00	0.22	0.74	0	5	2	93	0.00	0.0	0.305	0.000	5	2	1	1
606305	PL.17150	C	Consumer	7.55Y	125.8	0.00	0.22	0.04	0	0	0	100	0.00	0.0	0.305	0.000	0	0	1	1
606307	PL.17150	C	Consumer	7.55Y	125.8	0.00	0.22	0.33	0	2	1	89	0.00	0.0	0.305	0.000	2	1	1	1
605304	PL.14132	B	Consumer	7.54Y	125.6	0.00	0.41	0.34	0	2	1	89	0.00	0.0	0.195	0.000	2	1	1	1
PL.17370	PL.14129	A	4ACSR	7.55Y	125.9	0.00	0.10	1.80	2	13	5	93	0.00	0.0	0.142	0.006	0	0	0	3
PD.2182	PL.17370	A	fuse6AMP	7.55Y	125.9	0.00	0.10	1.80	31	13	5	93	0.00	0.0	0.142	0.000	0	0	0	3
PL.17371	PD.2182	A	4ACSR	7.55Y	125.9	0.00	0.11	1.80	2	13	5	93	0.00	0.0	0.167	0.026	0	0	0	3
PL.14131	PL.17371	A	4ACSR	7.55Y	125.9	0.00	0.11	1.52	1	11	5	91	0.00	0.0	0.198	0.031	0	0	0	2
605202	PL.14131	A	Consumer	7.55Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	0.198	0.000	0	0	0	0
605211	PL.14131	A	Consumer	7.55Y	125.9	0.00	0.11	0.79	0	5	2	93	0.00	0.0	0.198	0.000	5	2	1	1
605203	PL.14131	A	Consumer	7.55Y	125.9	0.00	0.11	0.74	0	5	2	93	0.00	0.0	0.198	0.000	5	2	1	1
605209	PL.17371	A	Consumer	7.55Y	125.9	0.00	0.11	0.28	0	2	1	89	0.00	0.0	0.167	0.000	2	1	1	1
PL.17369	PL.17368	A	4ACSR	7.56Y	125.9	0.00	0.07	10.63	9	74	32	92	0.00	0.0	0.086	0.005	0	0	0	17

Unbalanced Voltage Drop Report
Source: STANTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.18784	PL.17369	A	4ACSR	7.56Y	125.9	0.00	0.07	10.63	9	74	32	92	0.00	0.0	0.086	0.000	0	0	0	17
C PD.2106	PL.18784	A	fuse6AMP	7.56Y	125.9	0.00	0.07	10.63	182	74	32	92	0.00	0.0	0.086	0.000	0	0	0	17 C
PL.18785	PD.2106	A	4ACSR	7.56Y	125.9	0.00	0.07	10.63	9	74	32	92	0.00	0.0	0.093	0.007	0	0	0	17
PL.3728	PL.18785	A	4ACSR	7.56Y	125.9	0.00	0.07	1.57	1	11	5	91	0.00	0.0	0.121	0.027	0	0	0	2
606201	PL.3728	A	Consumer	7.56Y	125.9	0.00	0.07	0.80	0	6	2	95	0.00	0.0	0.121	0.000	6	2	1	1
606202	PL.3728	A	Consumer	7.56Y	125.9	0.00	0.07	0.77	0	5	2	93	0.00	0.0	0.121	0.000	5	2	1	1
PL.7398	PL.18785	A	4ACSR	7.55Y	125.9	0.01	0.09	7.91	7	55	24	92	0.01	0.0	0.133	0.039	0	0	0	13
606204	PL.7398	A	Consumer	7.55Y	125.9	0.00	0.09	0.63	0	4	2	89	0.00	0.0	0.133	0.000	4	2	1	1
606214	PL.7398	A	Consumer	7.55Y	125.9	0.00	0.09	0.52	0	4	2	89	0.00	0.0	0.133	0.000	4	2	1	1
606205	PL.7398	A	Consumer	7.55Y	125.9	0.00	0.09	1.10	0	8	3	94	0.00	0.0	0.133	0.000	8	3	1	1
PL.7399	PL.7398	A	4ACSR	7.55Y	125.9	0.01	0.10	2.99	3	21	9	92	0.00	0.0	0.214	0.081	0	0	0	6
607201	PL.7399	A	Consumer	7.55Y	125.9	0.00	0.10	0.65	0	4	2	89	0.00	0.0	0.214	0.000	4	2	1	1
607206	PL.7399	A	Consumer	7.55Y	125.9	0.00	0.10	0.01	0	0	0	100	0.00	0.0	0.214	0.000	0	0	1	1
607202	PL.7399	A	Consumer	7.55Y	125.9	0.00	0.10	0.91	0	6	3	89	0.00	0.0	0.214	0.000	6	3	1	1
PL.7397	PL.7399	A	4ACSR	7.55Y	125.9	0.01	0.11	1.42	1	10	4	93	0.00	0.0	0.375	0.161	0	0	0	3
PL.7681	PL.7397	A	4ACSR	7.55Y	125.9	0.00	0.11	0.51	0	4	2	89	0.00	0.0	0.468	0.093	0	0	0	1
609301	PL.7681	A	Consumer	7.55Y	125.9	0.00	0.11	0.51	0	4	2	89	0.00	0.0	0.468	0.000	4	2	1	1
608305	PL.7397	A	Consumer	7.55Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	0.375	0.000	0	0	0	0
608309	PL.7397	A	Consumer	7.55Y	125.9	0.00	0.11	0.04	0	0	0	100	0.00	0.0	0.375	0.000	0	0	1	1
608310	PL.7397	A	Consumer	7.55Y	125.9	0.00	0.11	0.86	0	6	3	89	0.00	0.0	0.375	0.000	6	3	1	1
608301	PL.7397	A	Consumer	7.55Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	0.375	0.000	0	0	0	0
PL.3726	PL.7398	A	4ACSR	7.55Y	125.9	0.00	0.09	2.68	2	19	8	92	0.00	0.0	0.148	0.016	0	0	0	4
606209	PL.3726	A	Consumer	7.55Y	125.9	0.00	0.09	0.87	0	6	3	89	0.00	0.0	0.148	0.000	6	3	1	1
606208	PL.3726	A	Consumer	7.55Y	125.9	0.00	0.09	0.68	0	5	2	93	0.00	0.0	0.148	0.000	5	2	1	1
606207	PL.3726	A	Consumer	7.55Y	125.9	0.00	0.09	0.34	0	2	1	89	0.00	0.0	0.148	0.000	2	1	1	1
606210	PL.3726	A	Consumer	7.55Y	125.9	0.00	0.09	0.80	0	6	2	95	0.00	0.0	0.148	0.000	6	2	1	1
606211	PL.18785	A	Consumer	7.56Y	125.9	0.00	0.07	0.38	0	3	1	95	0.00	0.0	0.093	0.000	3	1	1	1
606206	PL.18785	A	Consumer	7.56Y	125.9	0.00	0.07	0.76	0	5	2	93	0.00	0.0	0.093	0.000	5	2	1	1
PL.17364	PL.32915	C	4ACSR	7.56Y	126.0	0.00	0.02	1.07	1	7	3	92	0.00	0.0	0.024	0.004	0	0	0	4
PD.2108	PL.17364	C	fuse6AMP	7.56Y	126.0	0.00	0.02	1.07	18	7	3	92	0.00	0.0	0.024	0.000	0	0	0	4
PL.17365	PD.2108	C	4ACSR	7.56Y	126.0	0.00	0.02	1.07	1	7	3	92	0.00	0.0	0.029	0.004	0	0	0	4
PL.3727	PL.17365	C	4ACSR	7.56Y	126.0	0.00	0.02	1.07	1	7	3	92	0.00	0.0	0.110	0.081	0	0	0	4
607208	PL.3727	C	Consumer	7.56Y	126.0	0.00	0.02	0.39	0	3	1	95	0.00	0.0	0.110	0.000	3	1	1	1
607106	PL.3727	C	Consumer	7.56Y	126.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	0.110	0.000	0	0	0	0
607207	PL.3727	C	Consumer	7.56Y	126.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	0.110	0.000	0	0	1	1
607204	PL.3727	C	Consumer	7.56Y	126.0	0.00	0.02	0.27	0	2	1	89	0.00	0.0	0.110	0.000	2	1	1	1
607105	PL.3727	C	Consumer	7.56Y	126.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	0.110	0.000	0	0	0	0
607203	PL.3727	C	Consumer	7.56Y	126.0	0.00	0.02	0.40	0	3	1	95	0.00	0.0	0.110	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: STANTON

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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	15473	0	0	0	0	0	206	0.00		15679
KVAR	7044	0	-2267	-4	0	0	379			5151

	Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase ->	119.24 volts on PL.43680	6.76 volts on PL.43680	0.51 volts on PL.13900
B-Phase ->	119.99 volts on PL.17106	6.01 volts on PL.17106	0.46 volts on PL.7891
C-Phase ->	117.18 volts on PL.5281	8.82 volts on PL.5281	0.59 volts on PL.40298

Unbalanced Voltage Drop Report
Source: THREE FORKS

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 (THRFRKS2) beginning with device PD.3878.

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.25317	PL.25316	A	1/0ACSR	15.09Y	125.7	0.02	0.25	91.08	45	1292	469	94	0.24	0.0	0.239	0.024	0	0	0	244		
		B		15.11Y	125.9	0.00	0.05	39.46	20	562	201	94					0	0	0	98		
		C		15.11Y	125.9	0.01	0.08	33.11	16	471	169	94					0	0	0	83		
114379	PL.25317	C	Consumer	15.11Y	125.9	0.00	0.08	0.28	0	4	1	97	0.00	0.0	0.239	0.000	4	1	1	1		
PL.5350	PL.25317	A	1/0ACSR	15.08Y	125.7	0.06	0.31	91.08	45	1292	469	94	0.58	0.0	0.296	0.057	0	0	0	244		
		B		15.11Y	125.9	0.01	0.06	39.46	20	562	201	94					0	0	0	98		
		C		15.11Y	125.9	0.02	0.10	32.83	16	467	167	94					0	0	0	82		
PL.25318	PL.5350	A	1/0ACSR	15.07Y	125.6	0.07	0.38	91.08	45	1291	469	94	0.69	0.0	0.370	0.074	0	0	0	244		
		B		15.11Y	126.0	-0.01	0.05	17.98	9	256	92	94					0	0	0	50		
		C		15.10Y	125.9	0.03	0.13	32.83	16	467	167	94					0	0	0	81		
PL.25319	PL.25318	A	1/0ACSR	15.04Y	125.3	0.32	0.70	91.08	45	1291	468	94	2.96	0.1	0.689	0.319	0	0	0	244		
		B		15.12Y	126.0	-0.05	-0.00	17.63	9	251	90	94					0	0	0	49		
		C		15.09Y	125.7	0.14	0.27	32.18	16	458	164	94					0	0	0	80		
PL.16	PL.25319	A	1/0ACSR	15.00Y	125.0	0.33	1.04	91.08	45	1288	465	94	3.01	0.2	1.017	0.328	0	0	0	244		
		B		15.13Y	126.1	-0.05	-0.06	17.63	9	251	90	94					0	0	0	49		
		C		15.07Y	125.6	0.13	0.40	28.75	14	408	146	94					0	0	0	71		
PL.17746	PL.16	A	4ACSR	14.99Y	125.0	0.01	1.04	45.73	38	646	231	94	0.03	0.0	1.024	0.007	0	0	0	119		
		B		15.13Y	126.1	-0.00	-0.06	1.92	2	27	10	94					0	0	0	5		
PD.47-A	PL.17746	A	Closed	14.99Y	125.0	0.00	1.04	45.73	0	646	231	94	0.00	0.0	1.024	0.000	0	0	0	119		
		B		15.13Y	126.1	0.00	-0.06	1.92	0	27	10	94					0	0	0	5		
PD.47-B	PD.47-A	A	Closed	14.99Y	125.0	0.00	1.04	45.73	0	646	231	94	0.00	0.0	1.024	0.000	0	0	0	119		
		B		15.13Y	126.1	0.00	-0.06	1.92	0	27	10	94					0	0	0	5		
PL.17745	PD.47-B	A	4ACSR	14.98Y	124.8	0.15	1.19	45.73	38	646	231	94	0.71	0.1	1.167	0.143	0	0	0	119		
		B		15.13Y	126.1	-0.03	-0.08	1.92	2	27	10	94					0	0	0	5		
PL.18276	PL.17745	A	4ACSR	14.98Y	124.8	0.00	1.19	6.19	5	87	31	94	0.00	0.0	1.173	0.006	0	0	0	15		
PD.3290	PL.18276	A	70V4E	14.98Y	124.8	0.00	1.19	6.19	9	87	31	94	0.00	0.0	1.173	0.000	0	0	0	15		
PL.22043	PD.3290	A	4ACSR	14.98Y	124.8	0.01	1.20	6.19	5	87	31	94	0.00	0.0	1.215	0.042	0	0	0	15		
1143129	PL.22043	A	Consumer	14.98Y	124.8	0.00	1.20	0.54	0	8	3	94	0.00	0.0	1.215	0.000	8	3	1	1		
1143130	PL.22043	A	Consumer	14.98Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	1.215	0.000	0	0	0	0		
PL.21648	PL.22043	A	4ACSR	14.97Y	124.8	0.01	1.21	5.65	5	80	28	94	0.01	0.0	1.284	0.069	0	0	0	14		
PL.17247	PL.21648	A	4ACSR	14.97Y	124.8	0.01	1.22	4.84	4	68	24	94	0.01	0.0	1.420	0.136	0	0	0	12		
PD.49-A	PL.17247	A	Closed	14.97Y	124.8	0.00	1.22	4.84	0	68	24	94	0.00	0.0	1.420	0.000	0	0	0	12		
PD.49-B	PD.49-A	A	Closed	14.97Y	124.8	0.00	1.22	4.84	0	68	24	94	0.00	0.0	1.420	0.000	0	0	0	12		
PL.17248	PD.49-B	A	4ACSR	14.97Y	124.8	0.01	1.23	4.84	4	68	24	94	0.00	0.0	1.495	0.075	0	0	0	12		
1143123	PL.17248	A	Consumer	14.97Y	124.8	0.00	1.23	0.60	0	8	3	94	0.00	0.0	1.495	0.000	8	3	1	1		
PL.5364	PL.17248	A	4ACSR	14.97Y	124.8	0.00	1.24	3.76	3	53	19	94	0.00	0.0	1.520	0.025	0	0	0	10		
PL.27841	PL.5364	A	4ACSR	14.97Y	124.8	0.00	1.24	3.33	3	47	17	94	0.00	0.0	1.574	0.055	0	0	0	9		
PL.27842	PL.27841	A	4ACSR	14.97Y	124.8	0.00	1.24	3.00	3	42	15	94	0.00	0.0	1.623	0.049	0	0	0	8		
PL.8624	PL.27842	A	4ACSR	14.97Y	124.8	0.00	1.24	3.00	3	42	15	94	0.00	0.0	1.655	0.032	0	0	0	8		
PL.8625	PL.8624	A	4ACSR	14.97Y	124.8	0.00	1.25	2.33	2	33	12	94	0.00	0.0	1.692	0.037	0	0	0	6		
1143145	PL.8625	A	Consumer	14.97Y	124.8	0.00	1.25	0.53	0	7	3	92	0.00	0.0	1.692	0.000	7	3	1	1		
1143146	PL.8625	A	Consumer	14.97Y	124.8	0.00	1.25	0.30	0	4	1	97	0.00	0.0	1.692	0.000	4	1	1	1		
PL.8626	PL.8625	A	4ACSR	14.97Y	124.8	0.00	1.25	1.51	1	21	8	93	0.00	0.0	1.745	0.053	0	0	0	4		
PL.5365	PL.8626	A	4ACSR	14.97Y	124.7	0.00	1.25	1.31	1	18	7	93	0.00	0.0	1.795	0.050	0	0	0	3		
1143150	PL.5365	A	Consumer	14.97Y	124.7	0.00	1.25	0.49	0	7	2	96	0.00	0.0	1.795	0.000	7	2	1	1		

Unbalanced Voltage Drop Report
Source: THREE FORKS

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 1143148, 1143112, PL.163, etc.

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
114312	PL.22388	A	Consumer	14.95Y	124.6	0.00	1.42	0.14	0	2	1	89	0.00	0.0	1.504	0.000	2	1	1	1
1143190	PL.22388	A	Consumer	14.95Y	124.6	0.00	1.42	0.43	0	6	2	95	0.00	0.0	1.504	0.000	0	0	0	1
114357	1143190	A	Consumer	14.95Y	124.6	0.00	1.42	0.43	0	6	2	95	0.00	0.0	1.504	0.000	6	2	1	1
114341	PL.22388	A	Consumer	14.95Y	124.6	0.00	1.42	0.26	0	4	1	97	0.00	0.0	1.504	0.000	4	1	1	1
114365	PL.22388	A	Consumer	14.95Y	124.6	0.00	1.42	0.47	0	7	2	96	0.00	0.0	1.504	0.000	7	2	1	1
114366	PL.22388	A	Consumer	14.95Y	124.6	0.00	1.42	0.12	0	2	1	89	0.00	0.0	1.504	0.000	2	1	1	1
114324	PL.22388	A	Consumer	14.95Y	124.6	0.00	1.42	0.25	0	4	1	97	0.00	0.0	1.504	0.000	4	1	1	1
PL.5354	PL.22388	A	4ACSR	14.95Y	124.6	0.00	1.43	6.14	5	86	31	94	0.00	0.0	1.538	0.034	0	0	0	15
PL.5353	PL.5354	A	4ACSR	14.95Y	124.6	0.00	1.43	5.28	4	74	26	94	0.00	0.0	1.567	0.029	0	0	0	12
PL.5352	PL.5353	A	4ACSR	14.95Y	124.6	0.00	1.43	4.31	4	61	22	94	0.00	0.0	1.606	0.040	0	0	0	9
PL.5351	PL.5352	A	4ACSR	14.95Y	124.6	0.01	1.44	3.47	3	49	17	94	0.00	0.0	1.680	0.073	0	0	0	7
114332	PL.5351	A	Consumer	14.95Y	124.6	0.00	1.44	0.60	0	8	3	94	0.00	0.0	1.680	0.000	8	3	1	1
114319	PL.5351	A	Consumer	14.95Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	1.680	0.000	0	0	0	0
114334	PL.5351	A	Consumer	14.95Y	124.6	0.00	1.44	0.58	0	8	3	94	0.00	0.0	1.680	0.000	8	3	1	1
114339	PL.5351	A	Consumer	14.95Y	124.6	0.00	1.44	0.24	0	3	1	95	0.00	0.0	1.680	0.000	3	1	1	1
114328	PL.5351	A	Consumer	14.95Y	124.6	0.00	1.44	0.40	0	6	2	95	0.00	0.0	1.680	0.000	6	2	1	1
1143188	PL.5351	A	Consumer	14.95Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	1.680	0.000	0	0	0	0
114358	PL.5351	A	Consumer	14.95Y	124.6	0.00	1.44	0.56	0	8	3	94	0.00	0.0	1.680	0.000	8	3	1	1
114333	PL.5351	A	Consumer	14.95Y	124.6	0.00	1.44	0.41	0	6	2	95	0.00	0.0	1.680	0.000	6	2	1	1
114338	PL.5351	A	Consumer	14.95Y	124.6	0.00	1.44	0.68	0	10	3	96	0.00	0.0	1.680	0.000	10	3	1	1
114370	PL.5352	A	Consumer	14.95Y	124.6	0.00	1.43	0.34	0	5	2	93	0.00	0.0	1.606	0.000	5	2	1	1
1143163	PL.5352	A	Consumer	14.95Y	124.6	0.00	1.43	0.50	0	7	3	92	0.00	0.0	1.606	0.000	7	3	1	1
114359	PL.5353	A	Consumer	14.95Y	124.6	0.00	1.43	0.38	0	5	2	93	0.00	0.0	1.567	0.000	5	2	1	1
114310	PL.5353	A	Consumer	14.95Y	124.6	0.00	1.43	0.36	0	5	2	93	0.00	0.0	1.567	0.000	5	2	1	1
1143189	PL.5353	A	Consumer	14.95Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.567	0.000	0	0	0	0
1143192	PL.5353	A	Consumer	14.95Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.567	0.000	0	0	0	0
114313	PL.5353	A	Consumer	14.95Y	124.6	0.00	1.43	0.22	0	3	1	95	0.00	0.0	1.567	0.000	3	1	1	1
114347	PL.5354	A	Consumer	14.95Y	124.6	0.00	1.43	0.16	0	2	1	89	0.00	0.0	1.538	0.000	2	1	1	1
114346	PL.5354	A	Consumer	14.95Y	124.6	0.00	1.43	0.38	0	5	2	93	0.00	0.0	1.538	0.000	5	2	1	1
114322	PL.5354	A	Consumer	14.95Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.538	0.000	0	0	0	0
114352	PL.5354	A	Consumer	14.95Y	124.6	0.00	1.43	0.32	0	5	2	93	0.00	0.0	1.538	0.000	5	2	1	1
114317	PL.5355	A	Consumer	14.95Y	124.6	0.00	1.41	0.25	0	4	1	97	0.00	0.0	1.421	0.000	4	1	1	1
		B		15.13Y	126.1	0.00	-0.12	0.25	0	4	1	94					4	1	1	1
114364	PL.5355	B	Consumer	15.13Y	126.1	0.00	-0.12	0.00	0	0	0	100	0.00	0.0	1.421	0.000	0	0	0	0
PL.20728	PL.5355	A	4ACSR	14.95Y	124.6	0.00	1.41	23.18	19	326	117	94	0.01	0.0	1.429	0.008	0	0	0	59
PD.3502	PL.20728	A	35L	14.95Y	124.6	0.00	1.41	23.18	66	326	117	94	0.00	0.0	1.429	0.000	0	0	0	59
PL.20729	PD.3502	A	4ACSR	14.95Y	124.6	0.02	1.43	23.18	19	326	117	94	0.06	0.0	1.472	0.043	0	0	0	59
114344	PL.20729	A	Consumer	14.95Y	124.6	0.00	1.43	0.22	0	3	1	95	0.00	0.0	1.472	0.000	3	1	1	1
114321	PL.20729	A	Consumer	14.95Y	124.6	0.00	1.43	0.32	0	5	2	93	0.00	0.0	1.472	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
1143159	PL.20729	A	Consumer	14.95Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.472	0.000	0	0	0	0
PL.19199	PL.20729	A	4ACSR	14.95Y	124.5	0.02	1.46	22.64	19	319	114	94	0.06	0.0	1.519	0.047	0	0	0	57
PL.19200	PL.19199	A	4ACSR	14.94Y	124.5	0.03	1.49	21.78	18	307	109	94	0.07	0.0	1.585	0.066	0	0	0	55
114315	PL.19200	A	Consumer	14.94Y	124.5	0.00	1.49	0.37	0	5	2	93	0.00	0.0	1.585	0.000	5	2	1	1
114337	PL.19200	A	Consumer	14.94Y	124.5	0.00	1.49	0.23	0	3	1	95	0.00	0.0	1.585	0.000	3	1	1	1
114373	PL.19200	A	Consumer	14.94Y	124.5	0.00	1.49	0.05	0	1	0	100	0.00	0.0	1.585	0.000	1	0	1	1
114372	PL.19200	A	Consumer	14.94Y	124.5	0.00	1.49	0.45	0	6	2	95	0.00	0.0	1.585	0.000	6	2	1	1
114343	PL.19200	A	Consumer	14.94Y	124.5	0.00	1.49	0.24	0	3	1	95	0.00	0.0	1.585	0.000	3	1	1	1
PL.5359	PL.19200	A	4ACSR	14.94Y	124.5	0.04	1.53	20.44	17	288	103	94	0.08	0.0	1.662	0.077	0	0	0	50
PL.5358	PL.5359	A	4ACSR	14.93Y	124.4	0.04	1.57	19.62	16	276	99	94	0.09	0.0	1.758	0.096	0	0	0	47
PL.36631	PL.5358	A	4ACSR	14.93Y	124.4	0.00	1.57	1.51	1	21	8	93	0.00	0.0	1.773	0.015	0	0	0	4
PD.5690	PL.36631	A	fuse6AMP	14.93Y	124.4	0.00	1.57	1.51	26	21	8	93	0.00	0.0	1.773	0.000	0	0	0	4
PL.36632	PD.5690	A	4ACSR	14.93Y	124.4	0.00	1.57	1.51	1	21	8	93	0.00	0.0	1.804	0.031	0	0	0	4
PL.22387	PL.36632	A	4ACSR	14.93Y	124.4	0.00	1.57	0.66	1	9	3	95	0.00	0.0	1.836	0.032	0	0	0	2
114355	PL.22387	A	Consumer	14.93Y	124.4	0.00	1.57	0.45	0	6	2	95	0.00	0.0	1.836	0.000	6	2	1	1
114348	PL.22387	A	Consumer	14.93Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	1.836	0.000	0	0	0	0
114362	PL.22387	A	Consumer	14.93Y	124.4	0.00	1.57	0.20	0	3	1	95	0.00	0.0	1.836	0.000	3	1	1	1
114327	PL.36632	A	Consumer	14.93Y	124.4	0.00	1.57	0.21	0	3	1	95	0.00	0.0	1.804	0.000	3	1	1	1
114340	PL.36632	A	Consumer	14.93Y	124.4	0.00	1.57	0.65	0	9	3	95	0.00	0.0	1.804	0.000	9	3	1	1
114351	PL.5358	A	Consumer	14.93Y	124.4	0.00	1.57	0.33	0	5	2	93	0.00	0.0	1.758	0.000	5	2	1	1
114354	PL.5358	A	Consumer	14.93Y	124.4	0.00	1.57	0.28	0	4	1	97	0.00	0.0	1.758	0.000	4	1	1	1
PL.36537	PL.5358	A	4ACSR	14.93Y	124.4	0.01	1.58	17.51	15	246	88	94	0.02	0.0	1.784	0.026	0	0	0	41
PL.36538	PL.36537	A	4ACSR	14.93Y	124.4	0.01	1.59	17.51	15	246	88	94	0.02	0.0	1.808	0.024	0	0	0	41
PL.36619	PL.36538	A	4ACSR	14.93Y	124.4	0.00	1.59	0.59	0	8	3	94	0.00	0.0	1.813	0.005	0	0	0	1
PD.5684	PL.36619	A	fuse6AMP	14.93Y	124.4	0.00	1.59	0.59	10	8	3	94	0.00	0.0	1.813	0.000	0	0	0	1
PL.36620	PD.5684	A	4ACSR	14.93Y	124.4	0.00	1.59	0.59	0	8	3	94	0.00	0.0	1.884	0.071	0	0	0	1
1143171	PL.36620	A	Consumer	14.93Y	124.4	0.00	1.59	0.59	0	8	3	94	0.00	0.0	1.884	0.000	8	3	1	1
PL.19808	PL.36538	A	4ACSR	14.92Y	124.4	0.04	1.63	16.92	14	238	85	94	0.08	0.0	1.919	0.111	0	0	0	40
114378	PL.19808	A	Consumer	14.92Y	124.4	0.00	1.63	0.48	0	7	2	96	0.00	0.0	1.919	0.000	7	2	1	1
1143160	PL.19808	A	Consumer	14.92Y	124.4	0.00	1.63	0.57	0	8	3	94	0.00	0.0	1.919	0.000	8	3	1	1
PL.19809	PL.19808	A	4ACSR	14.92Y	124.4	0.01	1.64	15.87	13	223	80	94	0.02	0.0	1.944	0.026	0	0	0	38
1143176	PL.19809	A	Consumer	14.92Y	124.4	0.00	1.64	0.37	0	5	2	93	0.00	0.0	1.944	0.000	5	2	1	1
PL.22755	PL.19809	A	4ACSR	14.92Y	124.3	0.01	1.65	15.51	13	218	78	94	0.02	0.0	1.972	0.028	0	0	0	37
114390	PL.22755	A	Consumer	14.92Y	124.3	0.00	1.65	0.35	0	5	2	93	0.00	0.0	1.972	0.000	5	2	1	1
1143111	PL.22755	A	Consumer	14.92Y	124.3	0.00	1.65	0.07	0	1	0	100	0.00	0.0	1.972	0.000	1	0	1	1
114392	PL.22755	A	Consumer	14.92Y	124.3	0.00	1.65	0.49	0	7	2	96	0.00	0.0	1.972	0.000	7	2	1	1
PL.36615	PL.22755	A	4ACSR	14.92Y	124.3	0.01	1.66	14.61	12	205	73	94	0.02	0.0	2.009	0.037	0	0	0	34
PL.36616	PL.36615	A	4ACSR	14.92Y	124.3	0.00	1.66	14.61	12	205	73	94	0.00	0.0	2.013	0.005	0	0	0	34

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.36617	PL.36616	A	4ACSR	14.92Y	124.3	0.00	1.66	1.97	2	28	10	94	0.00	0.0	2.019	0.005	0	0	0	4		
PD.5683	PL.36617	A	fuse6AMP	14.92Y	124.3	0.00	1.66	1.97	34	28	10	94	0.00	0.0	2.019	0.000	0	0	0	4		
PL.36618	PD.5683	A	4ACSR	14.92Y	124.3	0.00	1.67	1.97	2	28	10	94	0.00	0.0	2.058	0.039	0	0	0	4		
PL.21916	PL.36618	A	4ACSR	14.92Y	124.3	0.00	1.67	1.29	1	18	6	95	0.00	0.0	2.140	0.082	0	0	0	3		
114384	PL.21916	A	Consumer	14.92Y	124.3	0.00	1.67	0.39	0	6	2	95	0.00	0.0	2.140	0.000	6	2	1	1		
1143170	PL.21916	A	Consumer	14.92Y	124.3	0.00	1.67	0.39	0	5	2	93	0.00	0.0	2.140	0.000	5	2	1	1		
114376	PL.21916	A	Consumer	14.92Y	124.3	0.00	1.67	0.50	0	7	3	92	0.00	0.0	2.140	0.000	7	3	1	1		
1143166	PL.36618	A	Consumer	14.92Y	124.3	0.00	1.67	0.68	0	10	3	96	0.00	0.0	2.058	0.000	10	3	1	1		
PL.25514	PL.36616	A	4ACSR	14.92Y	124.3	0.01	1.67	12.64	11	178	63	94	0.01	0.0	2.043	0.030	0	0	0	30		
PL.25515	PL.25514	A	4ACSR	14.92Y	124.3	0.02	1.70	11.12	9	156	56	94	0.03	0.0	2.140	0.097	0	0	0	26		
PL.36621	PL.25515	A	4ACSR	14.92Y	124.3	0.01	1.70	10.60	9	149	53	94	0.01	0.0	2.162	0.022	0	0	0	25		
PD.5685-A	PL.36621	A	Closed	14.92Y	124.3	0.00	1.70	10.60	0	149	53	94	0.00	0.0	2.162	0.000	0	0	0	25		
PD.5685-B	PD.5685-A	A	Closed	14.92Y	124.3	0.00	1.70	10.60	0	149	53	94	0.00	0.0	2.162	0.000	0	0	0	25		
PL.36622	PD.5685-B	A	4ACSR	14.92Y	124.3	0.00	1.70	10.60	9	149	53	94	0.00	0.0	2.169	0.007	0	0	0	25		
PL.162	PL.36622	A	4ACSR	14.92Y	124.3	0.00	1.70	0.67	1	9	3	95	0.00	0.0	2.201	0.032	0	0	0	1		
114383	PL.162	A	Consumer	14.92Y	124.3	0.00	1.70	0.67	0	9	3	95	0.00	0.0	2.201	0.000	9	3	1	1		
PL.25517	PL.36622	A	4ACSR	14.91Y	124.3	0.01	1.71	9.02	8	127	45	94	0.01	0.0	2.198	0.029	0	0	0	21		
114393	PL.25517	A	Consumer	14.91Y	124.3	0.00	1.71	0.34	0	5	2	93	0.00	0.0	2.198	0.000	5	2	1	1		
114385	PL.25517	A	Consumer	14.91Y	124.3	0.00	1.71	0.37	0	5	2	93	0.00	0.0	2.198	0.000	5	2	1	1		
PL.25518	PL.25517	A	4ACSR	14.91Y	124.3	0.01	1.72	8.30	7	117	42	94	0.01	0.0	2.244	0.046	0	0	0	19		
PL.25519	PL.25518	A	4ACSR	14.91Y	124.3	0.01	1.73	7.37	6	104	37	94	0.01	0.0	2.285	0.041	0	0	0	17		
PL.36623	PL.25519	A	4ACSR	14.91Y	124.3	0.00	1.73	0.59	0	8	3	94	0.00	0.0	2.290	0.005	0	0	0	1		
PD.5686	PL.36623	A	fuse6AMP	14.91Y	124.3	0.00	1.73	0.59	10	8	3	94	0.00	0.0	2.290	0.000	0	0	0	1		
PL.36624	PD.5686	A	4ACSR	14.91Y	124.3	0.00	1.73	0.59	0	8	3	94	0.00	0.0	2.333	0.043	0	0	0	1		
114388	PL.36624	A	Consumer	14.91Y	124.3	0.00	1.73	0.59	0	8	3	94	0.00	0.0	2.333	0.000	8	3	1	1		
PL.25520	PL.25519	A	4ACSR	14.91Y	124.3	0.00	1.73	4.32	4	61	22	94	0.00	0.0	2.331	0.046	0	0	0	11		
1143165	PL.25520	A	Consumer	14.91Y	124.3	0.00	1.73	0.62	0	9	3	95	0.00	0.0	2.331	0.000	9	3	1	1		
1143136	PL.25520	A	Consumer	14.91Y	124.3	0.00	1.73	0.45	0	6	2	95	0.00	0.0	2.331	0.000	6	2	1	1		
PL.25521	PL.25520	A	4ACSR	14.91Y	124.3	0.00	1.73	3.25	3	46	16	94	0.00	0.0	2.389	0.058	0	0	0	9		
PL.25522	PL.25521	A	4ACSR	14.91Y	124.3	0.00	1.74	0.98	1	14	5	94	0.00	0.0	2.446	0.057	0	0	0	2		
1143103	PL.25522	A	Consumer	14.91Y	124.3	0.00	1.74	0.49	0	7	2	96	0.00	0.0	2.446	0.000	7	2	1	1		
1143183	PL.25522	A	Consumer	14.91Y	124.3	0.00	1.74	0.49	0	7	2	96	0.00	0.0	2.446	0.000	7	2	1	1		
PL.36629	PL.25521	A	4ACSR	14.91Y	124.3	0.00	1.74	1.39	1	19	7	94	0.00	0.0	2.414	0.024	0	0	0	5		
PD.5689	PL.36629	A	fuse6AMP	14.91Y	124.3	0.00	1.74	1.39	24	19	7	94	0.00	0.0	2.414	0.000	0	0	0	5		
PL.36630	PD.5689	A	4ACSR	14.91Y	124.3	0.00	1.74	1.39	1	19	7	94	0.00	0.0	2.451	0.038	0	0	0	5		
PL.22394	PL.36630	A	4ACSR	14.91Y	124.3	0.00	1.74	0.33	0	5	2	93	0.00	0.0	2.488	0.037	0	0	0	2		
1143107	PL.22394	A	Consumer	14.91Y	124.3	0.00	1.74	0.32	0	5	2	93	0.00	0.0	2.488	0.000	5	2	1	1		
PL.43975	PL.22394	A	2ACSR	14.91Y	124.3	-0.00	1.74	0.00	0	0	0	100	0.00	0.0	2.518	0.030	0	0	0	1		

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
1143191	PL.43975	A	Consumer	14.91Y	124.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	2.518	0.000	0	0	1	1
1143140	PL.36630	A	Consumer	14.91Y	124.3	0.00	1.74	0.38	0	5	2	93	0.00	0.0	2.451	0.000	5	2	1	1
1143141	PL.36630	A	Consumer	14.91Y	124.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	2.451	0.000	0	0	0	0
1143137	PL.36630	A	Consumer	14.91Y	124.3	0.00	1.74	0.35	0	5	2	93	0.00	0.0	2.451	0.000	5	2	1	1
1143138	PL.36630	A	Consumer	14.91Y	124.3	0.00	1.74	0.33	0	5	2	93	0.00	0.0	2.451	0.000	5	2	1	1
PL.36627	PL.25521	A	4ACSR	14.91Y	124.3	0.00	1.74	0.88	1	12	4	95	0.00	0.0	2.399	0.009	0	0	0	2
PL.36628	PL.36627	A	4ACSR	14.91Y	124.3	0.00	1.74	0.88	1	12	4	95	0.00	0.0	2.420	0.021	0	0	0	2
114389	PL.36628	A	Consumer	14.91Y	124.3	0.00	1.74	0.37	0	5	2	93	0.00	0.0	2.420	0.000	5	2	1	1
114386	PL.36628	A	Consumer	14.91Y	124.3	0.00	1.74	0.52	0	7	3	92	0.00	0.0	2.420	0.000	7	3	1	1
PL.36625	PL.25519	A	4ACSR	14.91Y	124.3	0.00	1.73	2.45	2	34	12	94	0.00	0.0	2.300	0.015	0	0	0	5
PD.5687	PL.36625	A	fuse6AMP	14.91Y	124.3	0.00	1.73	2.45	42	34	12	94	0.00	0.0	2.300	0.000	0	0	0	5
PL.36626	PD.5687	A	4ACSR	14.91Y	124.3	0.00	1.73	2.45	2	34	12	94	0.00	0.0	2.312	0.012	0	0	0	5
PL.21918	PL.36626	A	4ACSR	14.91Y	124.3	0.00	1.73	2.45	2	34	12	94	0.00	0.0	2.324	0.012	0	0	0	5
1143135	PL.21918	A	Consumer	14.91Y	124.3	0.00	1.73	0.46	0	7	2	96	0.00	0.0	2.324	0.000	7	2	1	1
1143131	PL.21918	A	Consumer	14.91Y	124.3	0.00	1.73	0.39	0	5	2	93	0.00	0.0	2.324	0.000	5	2	1	1
1143134	PL.21918	A	Consumer	14.91Y	124.3	0.00	1.73	0.53	0	7	3	92	0.00	0.0	2.324	0.000	7	3	1	1
PL.22392	PL.21918	A	4ACSR	14.91Y	124.3	0.00	1.73	1.07	1	15	5	95	0.00	0.0	2.370	0.046	0	0	0	2
PL.21677	PL.22392	A	4ACSR	14.91Y	124.3	0.00	1.73	0.00	0	0	0	100	0.00	0.0	2.391	0.021	0	0	0	0
1143133	PL.22392	A	Consumer	14.91Y	124.3	0.00	1.73	0.58	0	8	3	94	0.00	0.0	2.370	0.000	8	3	1	1
1143132	PL.22392	A	Consumer	14.91Y	124.3	0.00	1.73	0.49	0	7	2	96	0.00	0.0	2.370	0.000	7	2	1	1
PL.21249	PL.36626	A	4ACSR	14.91Y	124.3	0.00	1.73	0.00	0	0	0	100	0.00	0.0	2.332	0.020	0	0	0	0
114394	PL.25518	A	Consumer	14.91Y	124.3	0.00	1.72	0.70	0	10	3	96	0.00	0.0	2.244	0.000	10	3	1	1
114387	PL.25518	A	Consumer	14.91Y	124.3	0.00	1.72	0.23	0	3	1	95	0.00	0.0	2.244	0.000	3	1	1	1
PL.21635	PL.36622	A	4ACSR	14.92Y	124.3	0.00	1.70	0.92	1	13	5	93	0.00	0.0	2.184	0.015	0	0	0	3
1143113	PL.21635	A	Consumer	14.92Y	124.3	0.00	1.70	0.07	0	1	0	100	0.00	0.0	2.184	0.000	1	0	1	1
1143115	PL.21635	A	Consumer	14.92Y	124.3	0.00	1.70	0.33	0	5	2	93	0.00	0.0	2.184	0.000	5	2	1	1
1143114	PL.21635	A	Consumer	14.92Y	124.3	0.00	1.70	0.52	0	7	3	92	0.00	0.0	2.184	0.000	7	3	1	1
114391	PL.25515	A	Consumer	14.92Y	124.3	0.00	1.70	0.52	0	7	3	92	0.00	0.0	2.140	0.000	7	3	1	1
114374	PL.25514	A	Consumer	14.92Y	124.3	0.00	1.67	0.61	0	9	3	95	0.00	0.0	2.043	0.000	9	3	1	1
114381	PL.25514	A	Consumer	14.92Y	124.3	0.00	1.67	0.28	0	4	1	97	0.00	0.0	2.043	0.000	4	1	1	1
1143158	PL.25514	A	Consumer	14.92Y	124.3	0.00	1.67	0.03	0	0	0	100	0.00	0.0	2.043	0.000	0	0	1	1
114375	PL.25514	A	Consumer	14.92Y	124.3	0.00	1.67	0.60	0	8	3	94	0.00	0.0	2.043	0.000	8	3	1	1
114316	PL.5359	A	Consumer	14.94Y	124.5	0.00	1.53	0.29	0	4	1	97	0.00	0.0	1.662	0.000	4	1	1	1
114330	PL.5359	A	Consumer	14.94Y	124.5	0.00	1.53	0.26	0	4	1	97	0.00	0.0	1.662	0.000	4	1	1	1
114345	PL.5359	A	Consumer	14.94Y	124.5	0.00	1.53	0.26	0	4	1	97	0.00	0.0	1.662	0.000	4	1	1	1
114320	PL.19199	A	Consumer	14.95Y	124.5	0.00	1.46	0.50	0	7	3	92	0.00	0.0	1.519	0.000	7	3	1	1
114308	PL.19199	A	Consumer	14.95Y	124.5	0.00	1.46	0.36	0	5	2	93	0.00	0.0	1.519	0.000	5	2	1	1
1143175	PL.19199	A	Consumer	14.95Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.519	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
114371	PL.19199	A	Consumer	14.95Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.519	0.000	0	0	0	0
PL.28255	PL.5367	A	4ACSR	14.96Y	124.6	0.00	1.36	2.75	2	39	14	94	0.00	0.0	1.361	0.009	0	0	0	8
PD.796	PL.28255	A	fuse6AMP	14.96Y	124.6	0.00	1.36	2.75	47	39	14	94	0.00	0.0	1.361	0.000	0	0	0	8
PL.28256	PD.796	A	4ACSR	14.96Y	124.6	0.00	1.36	2.75	2	39	14	94	0.00	0.0	1.422	0.061	0	0	0	8
114369	PL.28256	A	Consumer	14.96Y	124.6	0.00	1.36	0.25	0	4	1	97	0.00	0.0	1.422	0.000	4	1	1	1
1143106	PL.28256	A	Consumer	14.96Y	124.6	0.00	1.36	0.42	0	6	2	95	0.00	0.0	1.422	0.000	6	2	1	1
PL.22878	PL.28256	A	4ACSR	14.96Y	124.6	0.00	1.36	2.08	2	29	10	95	0.00	0.0	1.491	0.068	0	0	0	6
PL.22879	PL.22878	A	4ACSR	14.96Y	124.6	0.00	1.36	1.01	1	14	5	94	0.00	0.0	1.532	0.041	0	0	0	4
PL.22395	PL.22879	A	4ACSR	14.96Y	124.6	0.00	1.36	0.65	1	9	3	95	0.00	0.0	1.565	0.034	0	0	0	3
PL.22389	PL.22395	A	4ACSR	14.96Y	124.6	0.00	1.37	0.65	1	9	3	95	0.00	0.0	1.623	0.058	0	0	0	3
PL.23262	PL.22389	A	4ACSR	14.96Y	124.6	0.00	1.37	0.65	1	9	3	95	0.00	0.0	1.689	0.065	0	0	0	3
PL.23263	PL.23262	A	4ACSR	14.96Y	124.6	0.00	1.37	0.14	0	2	1	89	0.00	0.0	1.782	0.094	0	0	0	2
PL.23260	PL.23263	A	4ACSR	14.96Y	124.6	0.00	1.37	0.14	0	2	1	89	0.00	0.0	1.827	0.045	0	0	0	2
PL.23261	PL.23260	A	4ACSR	14.96Y	124.6	-0.00	1.37	0.00	0	0	0	100	0.00	0.0	1.932	0.105	0	0	0	1
113305	PL.23261	A	Consumer	14.96Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	1.932	0.000	0	0	1	1
113302	PL.23260	A	Consumer	14.96Y	124.6	0.00	1.37	0.13	0	2	1	89	0.00	0.0	1.827	0.000	2	1	1	1
PL.21632	PL.23262	A	4ACSR	14.96Y	124.6	0.00	1.37	0.52	0	7	3	92	0.00	0.0	1.733	0.044	0	0	0	1
114368	PL.21632	A	Consumer	14.96Y	124.6	0.00	1.37	0.52	0	7	3	92	0.00	0.0	1.733	0.000	7	3	1	1
114398	PL.22389	A	Consumer	14.96Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	1.623	0.000	0	0	0	0
114307	PL.22389	A	Consumer	14.96Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	1.623	0.000	0	0	0	0
1143182	PL.22879	A	Consumer	14.96Y	124.6	0.00	1.36	0.36	0	5	2	93	0.00	0.0	1.532	0.000	5	2	1	1
114311	PL.22878	A	Consumer	14.96Y	124.6	0.00	1.36	0.01	0	0	0	100	0.00	0.0	1.491	0.000	0	0	1	1
114306	PL.22878	A	Consumer	14.96Y	124.6	0.00	1.36	1.06	0	15	5	95	0.00	0.0	1.491	0.000	15	5	1	1
114349	PL.5367	B	Consumer	15.13Y	126.1	0.00	-0.11	0.00	0	0	0	100	0.00	0.0	1.352	0.000	0	0	0	0
114325	PL.5367	A B	Consumer	14.96Y 15.13Y	124.6 126.1	0.00 0.00	1.36 -0.11	0.19 0.19	0 0	3 3	1 1	95 94	0.00 0.00	0.0 0.0	1.352	0.000	3 3	1 1	1 1	1 1
1143105	PL.5367	A B	Consumer	14.96Y 15.13Y	124.6 126.1	0.00 0.00	1.36 -0.11	0.15 0.15	0 0	2 2	1 1	89 94	0.00 0.00	0.0 0.0	1.352	0.000	2 2	1 1	1 1	1 1
114301	PL.5367	A B	Consumer	14.96Y 15.13Y	124.6 126.1	0.00 0.00	1.36 -0.11	0.12 0.12	0 0	2 2	1 1	89 94	0.00 0.00	0.0 0.0	1.352	0.000	2 2	1 1	1 1	1 1
1143102	PL.5367	A B	Consumer	14.96Y 15.13Y	124.6 126.1	0.00 0.00	1.36 -0.11	0.15 0.15	0 0	2 2	1 1	89 94	0.00 0.00	0.0 0.0	1.352	0.000	2 2	1 1	1 1	1 1
PL.5356	PL.5367	A	4ACSR	14.96Y	124.6	0.00	1.36	1.92	2	27	10	94	0.00	0.0	1.424	0.073	0	0	0	5
PL.5357	PL.5356	A	4ACSR	14.96Y	124.6	0.00	1.36	1.38	1	19	7	94	0.00	0.0	1.489	0.064	0	0	0	3
1143180	PL.5357	A	Consumer	14.96Y	124.6	0.00	1.36	0.30	0	4	1	97	0.00	0.0	1.489	0.000	4	1	1	1
114399	PL.5357	A	Consumer	14.96Y	124.6	0.00	1.36	0.71	0	10	4	93	0.00	0.0	1.489	0.000	10	4	1	1
1143104	PL.5357	A	Consumer	14.96Y	124.6	0.00	1.36	0.37	0	5	2	93	0.00	0.0	1.489	0.000	5	2	1	1
1143101	PL.5356	A	Consumer	14.96Y	124.6	0.00	1.36	0.26	0	4	1	97	0.00	0.0	1.424	0.000	4	1	1	1
114395	PL.5356	A	Consumer	14.96Y	124.6	0.00	1.36	0.28	0	4	1	97	0.00	0.0	1.424	0.000	4	1	1	1
1143154	PL.8858	B	Consumer	15.13Y	126.1	0.00	-0.10	0.00	0	0	0	100	0.00	0.0	1.259	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: THREE FORKS

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 1143153, 1143151, PL.156, etc.

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.17744	PD.2366-B	A	1/0ACSR	14.98Y	124.8	0.00	1.16	28.87	14	407	146	94	0.01	0.0	1.348	0.003	0	0	0	82		
		B		15.12Y	126.0	0.00	-0.04	15.53	8	221	79	94					0	0	0	43		
		C		15.06Y	125.5	0.00	0.51	28.11	14	399	142	94					0	0	0	70		
PL.17739	PL.17744	C	4ACSR	15.06Y	125.5	0.00	0.52	5.95	5	84	30	94	0.00	0.0	1.373	0.025	0	0	0	13		
C PD.2971	PL.17739	C	fuse6AMP	15.06Y	125.5	0.00	0.52	5.95	102	84	30	94	0.00	0.0	1.373	0.000	0	0	0	13 C		
PL.17740	PD.2971	C	4ACSR	15.06Y	125.5	0.00	0.52	5.95	5	84	30	94	0.00	0.0	1.387	0.014	0	0	0	13		
PL.25129	PL.17740	C	4ACSR	15.06Y	125.5	0.00	0.52	4.72	4	67	24	94	0.00	0.0	1.419	0.031	0	0	0	9		
PL.25130	PL.25129	C	4ACSR	15.06Y	125.5	0.00	0.52	2.61	2	37	13	94	0.00	0.0	1.446	0.027	0	0	0	3		
678010	PL.25130	C	Consumer	15.06Y	125.5	0.00	0.52	0.68	0	10	3	96	0.00	0.0	1.446	0.000	10	3	1	1		
677928	PL.25130	C	Consumer	15.06Y	125.5	0.00	0.52	0.96	0	14	5	94	0.00	0.0	1.446	0.000	14	5	1	1		
677927	PL.25130	C	Consumer	15.06Y	125.5	0.00	0.52	0.97	0	14	5	94	0.00	0.0	1.446	0.000	14	5	1	1		
678011	PL.25129	C	Consumer	15.06Y	125.5	0.00	0.52	0.38	0	5	2	93	0.00	0.0	1.419	0.000	5	2	1	1		
677924	PL.25129	C	Consumer	15.06Y	125.5	0.00	0.52	0.18	0	2	1	89	0.00	0.0	1.419	0.000	2	1	1	1		
678012	PL.25129	C	Consumer	15.06Y	125.5	0.00	0.52	0.37	0	5	2	93	0.00	0.0	1.419	0.000	5	2	1	1		
677925	PL.25129	C	Consumer	15.06Y	125.5	0.00	0.52	0.34	0	5	2	93	0.00	0.0	1.419	0.000	5	2	1	1		
677926	PL.25129	C	Consumer	15.06Y	125.5	0.00	0.52	0.45	0	6	2	95	0.00	0.0	1.419	0.000	6	2	1	1		
678013	PL.25129	C	Consumer	15.06Y	125.5	0.00	0.52	0.40	0	6	2	95	0.00	0.0	1.419	0.000	6	2	1	1		
678015	PL.17740	C	Consumer	15.06Y	125.5	0.00	0.52	0.45	0	6	2	95	0.00	0.0	1.387	0.000	6	2	1	1		
678014	PL.17740	C	Consumer	15.06Y	125.5	0.00	0.52	0.35	0	5	2	93	0.00	0.0	1.387	0.000	5	2	1	1		
677923	PL.17740	C	Consumer	15.06Y	125.5	0.00	0.52	0.20	0	3	1	95	0.00	0.0	1.387	0.000	3	1	1	1		
677922	PL.17740	C	Consumer	15.06Y	125.5	0.00	0.52	0.23	0	3	1	95	0.00	0.0	1.387	0.000	3	1	1	1		
PL.7814	PL.17744	A	1/0ACSR	14.98Y	124.8	0.02	1.17	28.87	14	407	146	94	0.05	0.0	1.395	0.046	0	0	0	82		
		B		15.12Y	126.0	0.00	-0.04	15.53	8	221	79	94					0	0	0	43		
		C		15.06Y	125.5	0.00	0.52	11.17	6	158	56	94					0	0	0	28		
678907	PL.7814	A	Consumer	14.98Y	124.8	0.00	1.17	0.29	0	4	1	97	0.00	0.0	1.395	0.000	4	1	1	1		
678908	PL.7814	A	Consumer	14.98Y	124.8	0.00	1.17	0.71	0	10	4	93	0.00	0.0	1.395	0.000	10	4	1	1		
678910	PL.7814	A	Consumer	14.98Y	124.8	0.00	1.17	0.23	0	3	1	95	0.00	0.0	1.395	0.000	3	1	1	1		
678909	PL.7814	A	Consumer	14.98Y	124.8	0.00	1.17	0.21	0	3	1	95	0.00	0.0	1.395	0.000	3	1	1	1		
PL.7601	PL.7814	A	1/0ACSR	14.98Y	124.8	0.01	1.19	20.84	10	294	105	94	0.05	0.0	1.459	0.064	0	0	0	55		
		B		15.12Y	126.0	0.01	-0.03	15.53	8	221	79	94					0	0	0	43		
		C		15.06Y	125.5	0.01	0.53	11.17	6	158	56	94					0	0	0	28		
PL.7431	PL.7601	A	1/0ACSR	14.98Y	124.8	0.01	1.19	20.84	10	294	105	94	0.02	0.0	1.495	0.036	0	0	0	55		
		B		15.12Y	126.0	0.00	-0.03	12.26	6	175	62	94			0	0	0	35				
		C		15.06Y	125.5	0.00	0.53	11.17	6	158	56	94			0	0	0	28				
677912	PL.7431	B	Consumer	15.12Y	126.0	0.00	-0.03	0.33	0	5	2	93	0.00	0.0	1.495	0.000	5	2	1	1		
677914	PL.7431	B	Consumer	15.12Y	126.0	0.00	-0.03	0.49	0	7	2	96	0.00	0.0	1.495	0.000	7	2	1	1		
677920	PL.7431	B	Consumer	15.12Y	126.0	0.00	-0.03	0.59	0	8	3	94	0.00	0.0	1.495	0.000	8	3	1	1		
677921	PL.7431	B	Consumer	15.12Y	126.0	0.00	-0.03	0.64	0	9	3	95	0.00	0.0	1.495	0.000	9	3	1	1		
677913	PL.7431	B	Consumer	15.12Y	126.0	0.00	-0.03	0.48	0	7	2	96	0.00	0.0	1.495	0.000	7	2	1	1		
677919	PL.7431	B	Consumer	15.12Y	126.0	0.00	-0.03	0.31	0	4	2	89	0.00	0.0	1.495	0.000	4	2	1	1		
PL.7432	PL.7431	A	1/0ACSR	14.98Y	124.8	0.01	1.20	20.84	10	294	105	94	0.01	0.0	1.518	0.023	0	0	0	55		
		B		15.12Y	126.0	0.00	-0.02	9.42	5	134	48	94					0	0	0	29		
		C		15.06Y	125.5	0.00	0.53	11.17	6	158	56	94					0	0	0	28		

Unbalanced Voltage Drop Report
Source: THREE FORKS

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.3585, PL.7437, PL.25332, 675907, 675906, 675927, 675901, 676917, PL.38970, PD.6792, PL.38971, 675904, 675903, 675902, 675905, PL.28427, 675802, 675804, 675801, 675803, PL.25333, PL.25334, PL.38979, PD.6796, PL.38978, 674911, 674914, 674907, 674904, 674905, 674913, 674912, 674906.

Unbalanced Voltage Drop Report
Source: THREE FORKS

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.25335, 674918, 673904, etc.

Unbalanced Voltage Drop Report
Source: THREE FORKS

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.17735, PD.2968, etc.

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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			
674925	PL.38983	B	Consumer	15.12Y	126.0	0.00	-0.02	0.19	0	3	1	95	0.00	0.0	1.821	0.000	3	1	1	1	
674924	PL.38983	B	Consumer	15.12Y	126.0	0.00	-0.02	0.35	0	5	2	93	0.00	0.0	1.821	0.000	5	2	1	1	
674921	PL.38983	B	Consumer	15.12Y	126.0	0.00	-0.02	0.30	0	4	2	89	0.00	0.0	1.821	0.000	4	2	1	1	
674922	PL.38983	B	Consumer	15.12Y	126.0	0.00	-0.02	0.29	0	4	1	97	0.00	0.0	1.821	0.000	4	1	1	1	
PL.25127	PL.38983	A	1/0ACSR	14.97Y	124.8	0.00	1.24	1.10	1	16	6	94	0.00	0.0	1.878	0.057	0	0	0	4	
		B		15.12Y	126.0	0.00	-0.02	1.09	1	16	6	94					0	0	0	4	
		C		15.05Y	125.4	0.00	0.56	0.96	0	14	5	94					0	0	0	2	
PL.308	PL.25127	A	4ACSR	14.97Y	124.8	0.00	1.24	0.38	0	5	2	93	0.00	0.0	1.915	0.037	0	0	0	2	
		B		15.12Y	126.0	0.00	-0.02	0.38	0	5	2	94					0	0	0	2	
675005	PL.308	A	Consumer	14.97Y	124.8	0.00	1.24	0.16	0	2	1	89	0.00	0.0	1.915	0.000	2	1	1	1	
		B		15.12Y	126.0	0.00	-0.02	0.16	0	2	1	94					2	1	1	1	
675007	PL.308	A	Consumer	14.97Y	124.8	0.00	1.24	0.06	0	1	0	100	0.00	0.0	1.915	0.000	1	0	1	1	
		B		15.12Y	126.0	0.00	-0.02	0.06	0	1	0	90					1	0	1	1	
675004	PL.308	A	Consumer	14.97Y	124.8	0.00	1.24	0.16	0	2	1	89	0.00	0.0	1.915	0.000	2	1	1	1	
		B		15.12Y	126.0	0.00	-0.02	0.16	0	2	1	94					2	1	1	1	
674001	PL.25127	C	Consumer	15.05Y	125.4	0.00	0.56	0.70	0	10	4	93	0.00	0.0	1.878	0.000	10	4	1	1	
675006	PL.25127	C	Consumer	15.05Y	125.4	0.00	0.56	0.26	0	4	1	97	0.00	0.0	1.878	0.000	4	1	1	1	
PL.8621	PL.25127	A	4ACSR	14.97Y	124.8	0.00	1.24	0.72	1	10	4	93	0.00	0.0	1.926	0.048	0	0	0	3	
		B		15.12Y	126.0	0.00	-0.02	0.71	1	10	4	94					0	0	0	3	
PL.8622	PL.8621	A	4ACSR	14.97Y	124.8	0.00	1.24	0.31	0	4	2	89	0.00	0.0	1.962	0.037	0	0	0	1	
		B		15.12Y	126.0	0.00	-0.02	0.30	0	4	2	94					0	0	0	1	
674009	PL.8622	A	Consumer	14.97Y	124.8	0.00	1.24	0.02	0	0	0	100	0.00	0.0	1.962	0.000	0	0	1	1	
		B		15.12Y	126.0	0.00	-0.02	0.02	0	0	0	90					0	0	1	1	
674005	PL.8622	A	Consumer	14.97Y	124.8	0.00	1.24	0.28	0	4	1	97	0.00	0.0	1.962	0.000	4	1	1	1	
		B		15.12Y	126.0	0.00	-0.02	0.28	0	4	1	94					4	1	1	1	
674004	PL.8621	A	Consumer	14.97Y	124.8	0.00	1.24	0.25	0	4	1	97	0.00	0.0	1.926	0.000	4	1	1	1	
		B		15.12Y	126.0	0.00	-0.02	0.25	0	4	1	94					4	1	1	1	
674002	PL.8621	A	Consumer	14.97Y	124.8	0.00	1.24	0.15	0	2	1	89	0.00	0.0	1.926	0.000	2	1	1	1	
		B		15.12Y	126.0	0.00	-0.02	0.15	0	2	1	94					2	1	1	1	
674003	PL.8621	A	Consumer	14.97Y	124.8	0.00	1.24	0.01	0	0	0	100	0.00	0.0	1.926	0.000	0	0	1	1	
		B		15.12Y	126.0	0.00	-0.02	0.01	0	0	0	94					0	0	1	1	
PL.22296	PL.25334	A	4ACSR	14.97Y	124.8	0.00	1.24	3.12	3	44	16	94	0.00	0.0	1.740	0.002	0	0	0	8	
PD.2969	PL.22296	A	fuse6AMP	14.97Y	124.8	0.00	1.24	3.12	53	44	16	94	0.00	0.0	1.740	0.000	0	0	0	8	
PL.22297	PD.2969	A	4ACSR	14.97Y	124.8	0.00	1.24	3.12	3	44	16	94	0.00	0.0	1.791	0.051	0	0	0	8	
674909	PL.22297	A	Consumer	14.97Y	124.8	0.00	1.24	0.36	0	5	2	93	0.00	0.0	1.791	0.000	5	2	1	1	
674802	PL.22297	A	Consumer	14.97Y	124.8	0.00	1.24	0.41	0	6	2	95	0.00	0.0	1.791	0.000	6	2	1	1	
674903	PL.22297	A	Consumer	14.97Y	124.8	0.00	1.24	0.39	0	5	2	93	0.00	0.0	1.791	0.000	5	2	1	1	
674901	PL.22297	A	Consumer	14.97Y	124.8	0.00	1.24	0.40	0	6	2	95	0.00	0.0	1.791	0.000	6	2	1	1	
674801	PL.22297	A	Consumer	14.97Y	124.8	0.00	1.24	0.81	0	11	4	94	0.00	0.0	1.791	0.000	11	4	1	1	
674902	PL.22297	A	Consumer	14.97Y	124.8	0.00	1.24	0.24	0	3	1	95	0.00	0.0	1.791	0.000	3	1	1	1	
674908	PL.22297	A	Consumer	14.97Y	124.8	0.00	1.24	0.23	0	3	1	95	0.00	0.0	1.791	0.000	3	1	1	1	
674910	PL.22297	A	Consumer	14.97Y	124.8	0.00	1.24	0.29	0	4	1	97	0.00	0.0	1.791	0.000	4	1	1	1	
PL.38974	PL.25333	A	4ACSR	14.97Y	124.8	0.00	1.23	3.56	3	50	18	94	0.00	0.0	1.680	0.005	0	0	0	8	
PD.6794	PL.38974	A	fuse6AMP	14.97Y	124.8	0.00	1.23	3.56	61	50	18	94	0.00	0.0	1.680	0.000	0	0	0	8	
PL.38975	PD.6794	A	4ACSR	14.97Y	124.8	0.00	1.23	3.56	3	50	18	94	0.00	0.0	1.703	0.023	0	0	0	8	

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.28650	PL.38975	A	4ACSR	14.97Y	124.8	0.00	1.23	1.67	1	24	8	95	0.00	0.0	1.730	0.027	0	0	0	4	
675806	PL.28650	A	Consumer	14.97Y	124.8	0.00	1.23	0.43	0	6	2	95	0.00	0.0	1.730	0.000	6	2	1	1	
675805	PL.28650	A	Consumer	14.97Y	124.8	0.00	1.23	0.38	0	5	2	93	0.00	0.0	1.730	0.000	5	2	1	1	
675919	PL.28650	A	Consumer	14.97Y	124.8	0.00	1.23	0.47	0	7	2	96	0.00	0.0	1.730	0.000	7	2	1	1	
675920	PL.28650	A	Consumer	14.97Y	124.8	0.00	1.23	0.39	0	5	2	93	0.00	0.0	1.730	0.000	5	2	1	1	
675922	PL.38975	A	Consumer	14.97Y	124.8	0.00	1.23	0.63	0	9	3	95	0.00	0.0	1.703	0.000	9	3	1	1	
675917	PL.38975	A	Consumer	14.97Y	124.8	0.00	1.23	0.49	0	7	2	96	0.00	0.0	1.703	0.000	7	2	1	1	
675918	PL.38975	A	Consumer	14.97Y	124.8	0.00	1.23	0.58	0	8	3	94	0.00	0.0	1.703	0.000	8	3	1	1	
675921	PL.38975	A	Consumer	14.97Y	124.8	0.00	1.23	0.19	0	3	1	95	0.00	0.0	1.703	0.000	3	1	1	1	
PL.38977	PL.25333	C	4ACSR	15.05Y	125.4	0.00	0.55	2.04	2	29	10	95	0.00	0.0	1.680	0.004	0	0	0	4	
PD.6795	PL.38977	C	fuse6AMP	15.05Y	125.4	0.00	0.55	2.04	35	29	10	95	0.00	0.0	1.680	0.000	0	0	0	4	
PL.38976	PD.6795	C	4ACSR	15.05Y	125.4	0.00	0.55	2.04	2	29	10	95	0.00	0.0	1.705	0.025	0	0	0	4	
675914	PL.38976	C	Consumer	15.05Y	125.4	0.00	0.55	0.34	0	5	2	93	0.00	0.0	1.705	0.000	5	2	1	1	
675926	PL.38976	C	Consumer	15.05Y	125.4	0.00	0.55	0.74	0	11	4	94	0.00	0.0	1.705	0.000	11	4	1	1	
675913	PL.38976	C	Consumer	15.05Y	125.4	0.00	0.55	0.57	0	8	3	94	0.00	0.0	1.705	0.000	8	3	1	1	
675925	PL.38976	C	Consumer	15.05Y	125.4	0.00	0.55	0.38	0	5	2	93	0.00	0.0	1.705	0.000	5	2	1	1	
675915	PL.25333	C	Consumer	15.05Y	125.4	0.00	0.55	0.37	0	5	2	93	0.00	0.0	1.676	0.000	5	2	1	1	
675923	PL.25333	C	Consumer	15.05Y	125.4	0.00	0.55	0.39	0	6	2	95	0.00	0.0	1.676	0.000	6	2	1	1	
675924	PL.25333	C	Consumer	15.05Y	125.4	0.00	0.55	0.43	0	6	2	95	0.00	0.0	1.676	0.000	6	2	1	1	
675916	PL.25333	C	Consumer	15.05Y	125.4	0.00	0.55	0.42	0	6	2	95	0.00	0.0	1.676	0.000	6	2	1	1	
PL.38973	PL.25332	B	4ACSR	15.12Y	126.0	0.00	-0.02	1.41	1	20	7	94	0.00	0.0	1.624	0.003	0	0	0	4	
PD.6793	PL.38973	B	fuse6AMP	15.12Y	126.0	0.00	-0.02	1.41	24	20	7	94	0.00	0.0	1.624	0.000	0	0	0	4	
PL.38972	PD.6793	B	4ACSR	15.12Y	126.0	0.00	-0.02	1.41	1	20	7	94	0.00	0.0	1.649	0.026	0	0	0	4	
676918	PL.38972	B	Consumer	15.12Y	126.0	0.00	-0.02	0.32	0	5	2	93	0.00	0.0	1.649	0.000	5	2	1	1	
675908	PL.38972	B	Consumer	15.12Y	126.0	0.00	-0.02	0.40	0	6	2	95	0.00	0.0	1.649	0.000	6	2	1	1	
676919	PL.38972	B	Consumer	15.12Y	126.0	0.00	-0.02	0.46	0	7	2	96	0.00	0.0	1.649	0.000	7	2	1	1	
675909	PL.38972	B	Consumer	15.12Y	126.0	0.00	-0.02	0.24	0	3	1	95	0.00	0.0	1.649	0.000	3	1	1	1	
676902	PL.7437	B	Consumer	15.12Y	126.0	0.00	-0.02	0.28	0	4	1	97	0.00	0.0	1.547	0.000	4	1	1	1	
676901	PL.7437	B	Consumer	15.12Y	126.0	0.00	-0.02	0.26	0	4	1	97	0.00	0.0	1.547	0.000	4	1	1	1	
676903	PL.7437	B	Consumer	15.12Y	126.0	0.00	-0.02	0.44	0	6	2	95	0.00	0.0	1.547	0.000	6	2	1	1	
PL.22298	PL.7437	B	4ACSR	15.12Y	126.0	0.00	-0.02	2.18	2	31	11	94	0.00	0.0	1.548	0.002	0	0	0	6	
PD.2970	PL.22298	B	fuse6AMP	15.12Y	126.0	0.00	-0.02	2.18	37	31	11	94	0.00	0.0	1.548	0.000	0	0	0	6	
PL.22299	PD.2970	B	4ACSR	15.12Y	126.0	0.00	-0.02	2.18	2	31	11	94	0.00	0.0	1.576	0.027	0	0	0	6	
676911	PL.22299	B	Consumer	15.12Y	126.0	0.00	-0.02	0.43	0	6	2	95	0.00	0.0	1.576	0.000	6	2	1	1	
676904	PL.22299	B	Consumer	15.12Y	126.0	0.00	-0.02	0.52	0	7	3	92	0.00	0.0	1.576	0.000	7	3	1	1	
676913	PL.22299	B	Consumer	15.12Y	126.0	0.00	-0.02	0.46	0	7	2	96	0.00	0.0	1.576	0.000	7	2	1	1	
676906	PL.22299	B	Consumer	15.12Y	126.0	0.00	-0.02	0.28	0	4	1	97	0.00	0.0	1.576	0.000	4	1	1	1	
676912	PL.22299	B	Consumer	15.12Y	126.0	0.00	-0.02	0.13	0	2	1	89	0.00	0.0	1.576	0.000	2	1	1	1	

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
676905	PL.22299	B	Consumer	15.12Y	126.0	0.00	-0.02	0.36	0	5	2	93	0.00	0.0	1.576	0.000	5	2	1	1
677910	PL.7601	B	Consumer	15.12Y	126.0	0.00	-0.03	0.31	0	4	2	89	0.00	0.0	1.459	0.000	4	2	1	1
677918	PL.7601	B	Consumer	15.12Y	126.0	0.00	-0.03	0.76	0	11	4	94	0.00	0.0	1.459	0.000	11	4	1	1
677909	PL.7601	B	Consumer	15.12Y	126.0	0.00	-0.03	0.20	0	3	1	95	0.00	0.0	1.459	0.000	3	1	1	1
677915	PL.7601	B	Consumer	15.12Y	126.0	0.00	-0.03	0.37	0	5	2	93	0.00	0.0	1.459	0.000	5	2	1	1
677911	PL.7601	B	Consumer	15.12Y	126.0	0.00	-0.03	0.31	0	4	2	89	0.00	0.0	1.459	0.000	4	2	1	1
677916	PL.7601	B	Consumer	15.12Y	126.0	0.00	-0.03	0.58	0	8	3	94	0.00	0.0	1.459	0.000	8	3	1	1
677917	PL.7601	B	Consumer	15.12Y	126.0	0.00	-0.03	0.61	0	9	3	95	0.00	0.0	1.459	0.000	9	3	1	1
677908	PL.7601	B	Consumer	15.12Y	126.0	0.00	-0.03	0.14	0	2	1	89	0.00	0.0	1.459	0.000	2	1	1	1
PL.17741	PL.7814	A	4ACSR	14.98Y	124.8	0.00	1.17	6.58	6	93	33	94	0.00	0.0	1.398	0.003	0	0	0	23
PD.3586	PL.17741	A	25V4E	14.98Y	124.8	0.00	1.17	6.58	26	93	33	94	0.00	0.0	1.398	0.000	0	0	0	23
PL.17742	PD.3586	A	4ACSR	14.98Y	124.8	0.01	1.18	6.58	6	93	33	94	0.00	0.0	1.434	0.036	0	0	0	23
678902	PL.17742	A	Consumer	14.98Y	124.8	0.00	1.18	0.34	0	5	2	93	0.00	0.0	1.434	0.000	5	2	1	1
678905	PL.17742	A	Consumer	14.98Y	124.8	0.00	1.18	0.18	0	3	1	95	0.00	0.0	1.434	0.000	3	1	1	1
678904	PL.17742	A	Consumer	14.98Y	124.8	0.00	1.18	0.18	0	3	1	95	0.00	0.0	1.434	0.000	3	1	1	1
678912	PL.17742	A	Consumer	14.98Y	124.8	0.00	1.18	0.40	0	6	2	95	0.00	0.0	1.434	0.000	6	2	1	1
678903	PL.17742	A	Consumer	14.98Y	124.8	0.00	1.18	0.22	0	3	1	95	0.00	0.0	1.434	0.000	3	1	1	1
678920	PL.17742	A	Consumer	14.98Y	124.8	0.00	1.18	0.28	0	4	1	97	0.00	0.0	1.434	0.000	4	1	1	1
678911	PL.17742	A	Consumer	14.98Y	124.8	0.00	1.18	0.30	0	4	2	89	0.00	0.0	1.434	0.000	4	2	1	1
678906	PL.17742	A	Consumer	14.98Y	124.8	0.00	1.18	0.36	0	5	2	93	0.00	0.0	1.434	0.000	5	2	1	1
PL.24365	PL.17742	A	4ACSR	14.98Y	124.8	0.01	1.18	4.32	4	61	22	94	0.00	0.0	1.488	0.055	0	0	0	15
677905	PL.24365	A	Consumer	14.98Y	124.8	0.00	1.18	0.21	0	3	1	95	0.00	0.0	1.488	0.000	3	1	1	1
677906	PL.24365	A	Consumer	14.98Y	124.8	0.00	1.18	0.41	0	6	2	95	0.00	0.0	1.488	0.000	6	2	1	1
677808	PL.24365	A	Consumer	14.98Y	124.8	0.00	1.18	0.15	0	2	1	89	0.00	0.0	1.488	0.000	2	1	1	1
678807	PL.24365	A	Consumer	14.98Y	124.8	0.00	1.18	0.18	0	3	1	95	0.00	0.0	1.488	0.000	3	1	1	1
677907	PL.24365	A	Consumer	14.98Y	124.8	0.00	1.18	0.33	0	5	2	93	0.00	0.0	1.488	0.000	5	2	1	1
678901	PL.24365	A	Consumer	14.98Y	124.8	0.00	1.18	0.24	0	3	1	95	0.00	0.0	1.488	0.000	3	1	1	1
PL.7815	PL.24365	A	4ACSR	14.98Y	124.8	0.00	1.18	2.80	2	40	14	94	0.00	0.0	1.520	0.032	0	0	0	9
677904	PL.7815	A	Consumer	14.98Y	124.8	0.00	1.18	0.33	0	5	2	93	0.00	0.0	1.520	0.000	5	2	1	1
677811	PL.7815	A	Consumer	14.98Y	124.8	0.00	1.18	0.22	0	3	1	95	0.00	0.0	1.520	0.000	3	1	1	1
677903	PL.7815	A	Consumer	14.98Y	124.8	0.00	1.18	0.31	0	4	2	89	0.00	0.0	1.520	0.000	4	2	1	1
677809	PL.7815	A	Consumer	14.98Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	1.520	0.000	0	0	0	0
677810	PL.7815	A	Consumer	14.98Y	124.8	0.00	1.18	0.33	0	5	2	93	0.00	0.0	1.520	0.000	5	2	1	1
PL.7816	PL.7815	A	4ACSR	14.98Y	124.8	0.00	1.19	1.62	1	23	8	94	0.00	0.0	1.554	0.033	0	0	0	5
677901	PL.7816	A	Consumer	14.98Y	124.8	0.00	1.19	0.17	0	2	1	89	0.00	0.0	1.554	0.000	2	1	1	1
677812	PL.7816	A	Consumer	14.98Y	124.8	0.00	1.19	0.23	0	3	1	95	0.00	0.0	1.554	0.000	3	1	1	1
677813	PL.7816	A	Consumer	14.98Y	124.8	0.00	1.19	0.48	0	7	2	96	0.00	0.0	1.554	0.000	7	2	1	1
677814	PL.7816	A	Consumer	14.98Y	124.8	0.00	1.19	0.50	0	7	3	92	0.00	0.0	1.554	0.000	7	3	1	1

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
677902	PL.7816	A	Consumer	14.98Y	124.8	0.00	1.19	0.24	0	3	1	95	0.00	0.0	1.554	0.000	3	1	1	1
678917	PL.17744	C	Consumer	15.06Y	125.5	0.00	0.51	0.62	0	9	3	95	0.00	0.0	1.348	0.000	9	3	1	1
678918	PL.17744	C	Consumer	15.06Y	125.5	0.00	0.51	0.20	0	3	1	95	0.00	0.0	1.348	0.000	3	1	1	1
677929	PL.17744	C	Consumer	15.06Y	125.5	0.00	0.51	0.41	0	6	2	95	0.00	0.0	1.348	0.000	6	2	1	1
PL.17737	PL.17744	C	4ACSR	15.06Y	125.5	0.00	0.52	9.76	8	138	49	94	0.00	0.0	1.354	0.005	0	0	0	26
PD.3584	PL.17737	C	70E	15.06Y	125.5	0.00	0.52	9.76	14	138	49	94	0.00	0.0	1.354	0.000	0	0	0	26
PL.17738	PD.3584	C	4ACSR	15.06Y	125.5	0.00	0.52	9.76	8	138	49	94	0.00	0.0	1.365	0.011	0	0	0	26
678002	PL.17738	C	Consumer	15.06Y	125.5	0.00	0.52	0.27	0	4	1	97	0.00	0.0	1.365	0.000	4	1	1	1
678001	PL.17738	C	Consumer	15.06Y	125.5	0.00	0.52	0.45	0	6	2	95	0.00	0.0	1.365	0.000	6	2	1	1
PL.7433	PL.17738	C	4ACSR	15.06Y	125.5	0.01	0.53	9.04	8	128	46	94	0.01	0.0	1.407	0.042	0	0	0	24
PL.7434	PL.7433	C	4ACSR	15.06Y	125.5	0.01	0.54	8.83	7	125	45	94	0.01	0.0	1.455	0.048	0	0	0	23
678007	PL.7434	C	Consumer	15.06Y	125.5	0.00	0.54	0.63	0	9	3	95	0.00	0.0	1.455	0.000	9	3	1	1
678006	PL.7434	C	Consumer	15.06Y	125.5	0.00	0.54	0.37	0	5	2	93	0.00	0.0	1.455	0.000	5	2	1	1
678005	PL.7434	C	Consumer	15.06Y	125.5	0.00	0.54	0.15	0	2	1	89	0.00	0.0	1.455	0.000	2	1	1	1
PL.8615	PL.7434	C	4ACSR	15.06Y	125.5	0.00	0.54	7.68	6	109	39	94	0.00	0.0	1.481	0.026	0	0	0	20
PL.8616	PL.8615	C	4ACSR	15.05Y	125.5	0.00	0.54	6.78	6	96	34	94	0.00	0.0	1.504	0.023	0	0	0	18
677002	PL.8616	C	Consumer	15.05Y	125.5	0.00	0.54	0.91	0	13	5	93	0.00	0.0	1.504	0.000	13	5	1	1
677003	PL.8616	C	Consumer	15.05Y	125.5	0.00	0.54	0.25	0	4	1	97	0.00	0.0	1.504	0.000	4	1	1	1
PL.7438	PL.8616	C	4ACSR	15.05Y	125.5	0.00	0.55	5.62	5	80	28	94	0.00	0.0	1.536	0.031	0	0	0	16
PL.7436	PL.7438	C	4ACSR	15.05Y	125.4	0.00	0.55	4.44	4	63	22	94	0.00	0.0	1.557	0.021	0	0	0	14
676909	PL.7436	C	Consumer	15.05Y	125.4	0.00	0.55	0.31	0	4	2	89	0.00	0.0	1.557	0.000	4	2	1	1
676910	PL.7436	C	Consumer	15.05Y	125.4	0.00	0.55	0.42	0	6	2	95	0.00	0.0	1.557	0.000	6	2	1	1
PL.7435	PL.7436	C	4ACSR	15.05Y	125.4	0.00	0.55	3.71	3	53	19	94	0.00	0.0	1.606	0.050	0	0	0	12
PL.8617	PL.7435	C	4ACSR	15.05Y	125.4	0.00	0.56	2.87	2	41	15	94	0.00	0.0	1.637	0.030	0	0	0	8
675912	PL.8617	C	Consumer	15.05Y	125.4	0.00	0.56	0.43	0	6	2	95	0.00	0.0	1.637	0.000	6	2	1	1
676001	PL.8617	C	Consumer	15.05Y	125.4	0.00	0.56	0.28	0	4	1	97	0.00	0.0	1.637	0.000	4	1	1	1
675911	PL.8617	C	Consumer	15.05Y	125.4	0.00	0.56	0.29	0	4	1	97	0.00	0.0	1.637	0.000	4	1	1	1
PL.8618	PL.8617	C	4ACSR	15.05Y	125.4	0.00	0.56	1.87	2	26	9	94	0.00	0.0	1.675	0.039	0	0	0	5
PL.8619	PL.8618	C	4ACSR	15.05Y	125.4	0.00	0.56	1.32	1	19	7	94	0.00	0.0	1.710	0.035	0	0	0	3
675002	PL.8619	C	Consumer	15.05Y	125.4	0.00	0.56	0.29	0	4	1	97	0.00	0.0	1.710	0.000	4	1	1	1
675001	PL.8619	C	Consumer	15.05Y	125.4	0.00	0.56	0.50	0	7	3	92	0.00	0.0	1.710	0.000	7	3	1	1
675003	PL.8619	C	Consumer	15.05Y	125.4	0.00	0.56	0.53	0	7	3	92	0.00	0.0	1.710	0.000	7	3	1	1
PL.8620	PL.8619	C	4ACSR	15.05Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	1.738	0.028	0	0	0	0
676002	PL.8618	C	Consumer	15.05Y	125.4	0.00	0.56	0.11	0	2	1	89	0.00	0.0	1.675	0.000	2	1	1	1
676003	PL.8618	C	Consumer	15.05Y	125.4	0.00	0.56	0.44	0	6	2	95	0.00	0.0	1.675	0.000	6	2	1	1
676908	PL.7435	C	Consumer	15.05Y	125.4	0.00	0.55	0.23	0	3	1	95	0.00	0.0	1.606	0.000	3	1	1	1
677004	PL.7435	C	Consumer	15.05Y	125.4	0.00	0.55	0.32	0	5	2	93	0.00	0.0	1.606	0.000	5	2	1	1
675910	PL.7435	C	Consumer	15.05Y	125.4	0.00	0.55	0.22	0	3	1	95	0.00	0.0	1.606	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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						
677005	PL.7435	C	Consumer	15.05Y	125.4	0.00	0.55	0.07	0	1	0	100	0.00	0.0	1.606	0.000	1	0	1	1		
677001	PL.7438	C	Consumer	15.05Y	125.5	0.00	0.55	0.83	0	12	4	95	0.00	0.0	1.536	0.000	12	4	1	1		
676907	PL.7438	C	Consumer	15.05Y	125.5	0.00	0.55	0.35	0	5	2	93	0.00	0.0	1.536	0.000	5	2	1	1		
678008	PL.8615	C	Consumer	15.06Y	125.5	0.00	0.54	0.60	0	9	3	95	0.00	0.0	1.481	0.000	9	3	1	1		
678009	PL.8615	C	Consumer	15.06Y	125.5	0.00	0.54	0.30	0	4	2	89	0.00	0.0	1.481	0.000	4	2	1	1		
678003	PL.7433	C	Consumer	15.06Y	125.5	0.00	0.53	0.21	0	3	1	95	0.00	0.0	1.407	0.000	3	1	1	1		
PL.24364	PL.25324	A	1/0ACSR	14.99Y	124.9	0.00	1.12	0.65	0	9	4	91	0.00	0.0	1.266	0.048	0	0	0	1		
		B		15.13Y	126.1	-0.00	-0.05	0.00	0	0	0	100			0	0	0	0	0			
		C		15.06Y	125.5	0.00	0.47	0.65	0	9	4	90			0	0	0	0	1			
678919	PL.24364	A	Consumer	14.99Y	124.9	0.00	1.12	0.65	0	9	4	91	0.00	0.0	1.266	0.000	9	4	1	1		
		C		15.06Y	125.5	0.00	0.47	0.65	0	9	4	90			9	4	1	1				
PL.28243	PL.25323	A	4ACSR	14.99Y	124.9	0.00	1.12	14.41	12	203	73	94	0.00	0.0	1.200	0.005	0	0	0	39		
PD.3522	PL.28243	A	70E	14.99Y	124.9	0.00	1.12	14.41	21	203	73	94	0.00	0.0	1.200	0.000	0	0	0	39		
PL.28244	PD.3522	A	4ACSR	14.98Y	124.9	0.03	1.15	14.41	12	203	73	94	0.04	0.0	1.285	0.085	0	0	0	39		
PL.25326	PL.28244	A	4ACSR	14.98Y	124.8	0.02	1.17	14.41	12	203	73	94	0.04	0.0	1.356	0.072	0	0	0	39		
678811	PL.25326	A	Consumer	14.98Y	124.8	0.00	1.17	0.31	0	4	2	89	0.00	0.0	1.356	0.000	4	2	1	1		
678810	PL.25326	A	Consumer	14.98Y	124.8	0.00	1.17	0.33	0	5	2	93	0.00	0.0	1.356	0.000	5	2	1	1		
678809	PL.25326	A	Consumer	14.98Y	124.8	0.00	1.17	0.13	0	2	1	89	0.00	0.0	1.356	0.000	2	1	1	1		
678808	PL.25326	A	Consumer	14.98Y	124.8	0.00	1.17	0.54	0	8	3	94	0.00	0.0	1.356	0.000	8	3	1	1		
PL.25327	PL.25326	A	4ACSR	14.98Y	124.8	0.01	1.18	13.10	11	185	66	94	0.01	0.0	1.377	0.020	0	0	0	35		
PL.7813	PL.25327	A	4ACSR	14.98Y	124.8	0.01	1.19	12.44	10	175	63	94	0.01	0.0	1.415	0.038	0	0	0	33		
PL.7812	PL.7813	A	4ACSR	14.98Y	124.8	0.02	1.20	11.25	9	159	57	94	0.02	0.0	1.474	0.059	0	0	0	30		
677806	PL.7812	A	Consumer	14.98Y	124.8	0.00	1.20	0.69	0	10	3	96	0.00	0.0	1.474	0.000	10	3	1	1		
677804	PL.7812	A	Consumer	14.98Y	124.8	0.00	1.20	0.76	0	11	4	94	0.00	0.0	1.474	0.000	11	4	1	1		
677805	PL.7812	A	Consumer	14.98Y	124.8	0.00	1.20	0.10	0	1	1	71	0.00	0.0	1.474	0.000	1	1	1	1		
PL.25328	PL.7812	A	4ACSR	14.97Y	124.8	0.01	1.22	9.70	8	137	49	94	0.01	0.0	1.534	0.059	0	0	0	27		
PL.38966	PL.25328	A	4ACSR	14.97Y	124.8	0.00	1.22	3.00	3	42	15	94	0.00	0.0	1.537	0.004	0	0	0	8		
PD.6790	PL.38966	A	fuse6AMP	14.97Y	124.8	0.00	1.22	3.00	51	42	15	94	0.00	0.0	1.537	0.000	0	0	0	8		
PL.38967	PD.6790	A	4ACSR	14.97Y	124.8	0.00	1.22	3.00	3	42	15	94	0.00	0.0	1.562	0.025	0	0	0	8		
PL.28429	PL.38967	A	4ACSR	14.97Y	124.8	0.00	1.22	1.08	1	15	5	95	0.00	0.0	1.620	0.058	0	0	0	3		
676915	PL.28429	A	Consumer	14.97Y	124.8	0.00	1.22	0.26	0	4	1	97	0.00	0.0	1.620	0.000	4	1	1	1		
676914	PL.28429	A	Consumer	14.97Y	124.8	0.00	1.22	0.39	0	5	2	93	0.00	0.0	1.620	0.000	5	2	1	1		
676916	PL.28429	A	Consumer	14.97Y	124.8	0.00	1.22	0.44	0	6	2	95	0.00	0.0	1.620	0.000	6	2	1	1		
676801	PL.38967	A	Consumer	14.97Y	124.8	0.00	1.22	0.44	0	6	2	95	0.00	0.0	1.562	0.000	6	2	1	1		
676803	PL.38967	A	Consumer	14.97Y	124.8	0.00	1.22	0.53	0	7	3	92	0.00	0.0	1.562	0.000	7	3	1	1		
676802	PL.38967	A	Consumer	14.97Y	124.8	0.00	1.22	0.34	0	5	2	93	0.00	0.0	1.562	0.000	5	2	1	1		
676805	PL.38967	A	Consumer	14.97Y	124.8	0.00	1.22	0.30	0	4	1	97	0.00	0.0	1.562	0.000	4	1	1	1		
676804	PL.38967	A	Consumer	14.97Y	124.8	0.00	1.22	0.31	0	4	2	89	0.00	0.0	1.562	0.000	4	2	1	1		
PL.25329	PL.25328	A	4ACSR	14.97Y	124.8	0.01	1.22	6.23	5	88	31	94	0.00	0.0	1.579	0.045	0	0	0	17		
676807	PL.25329	A	Consumer	14.97Y	124.8	0.00	1.22	0.43	0	6	2	95	0.00	0.0	1.579	0.000	6	2	1	1		

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
676806	PL.25329	A	Consumer	14.97Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	1.579	0.000	0	0	0	0
PL.25330	PL.25329	A	4ACSR	14.97Y	124.8	0.01	1.23	5.80	5	82	29	94	0.00	0.0	1.618	0.039	0	0	0	16
PL.25331	PL.25330	A	4ACSR	14.97Y	124.8	0.00	1.23	4.49	4	63	23	94	0.00	0.0	1.663	0.045	0	0	0	13
675812	PL.25331	A	Consumer	14.97Y	124.8	0.00	1.23	0.62	0	9	3	95	0.00	0.0	1.663	0.000	9	3	1	1
675810	PL.25331	A	Consumer	14.97Y	124.8	0.00	1.23	0.59	0	8	3	94	0.00	0.0	1.663	0.000	8	3	1	1
675811	PL.25331	A	Consumer	14.97Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	1.663	0.000	0	0	1	1
PL.7439	PL.25331	A	4ACSR	14.97Y	124.8	0.00	1.24	3.27	3	46	16	94	0.00	0.0	1.709	0.047	0	0	0	10
PL.25340	PL.7439	A	4ACSR	14.97Y	124.8	0.00	1.24	2.42	2	34	12	94	0.00	0.0	1.751	0.042	0	0	0	7
674806	PL.25340	A	Consumer	14.97Y	124.8	0.00	1.24	0.32	0	4	2	89	0.00	0.0	1.751	0.000	4	2	1	1
674807	PL.25340	A	Consumer	14.97Y	124.8	0.00	1.24	0.13	0	2	1	89	0.00	0.0	1.751	0.000	2	1	1	1
674808	PL.25340	A	Consumer	14.97Y	124.8	0.00	1.24	0.35	0	5	2	93	0.00	0.0	1.751	0.000	5	2	1	1
PL.25341	PL.25340	A	4ACSR	14.97Y	124.8	0.00	1.24	1.62	1	23	8	94	0.00	0.0	1.794	0.043	0	0	0	4
674809	PL.25341	A	Consumer	14.97Y	124.8	0.00	1.24	0.32	0	4	2	89	0.00	0.0	1.794	0.000	4	2	1	1
673801	PL.25341	A	Consumer	14.97Y	124.8	0.00	1.24	0.18	0	3	1	95	0.00	0.0	1.794	0.000	3	1	1	1
673803	PL.25341	A	Consumer	14.97Y	124.8	0.00	1.24	0.55	0	8	3	94	0.00	0.0	1.794	0.000	8	3	1	1
673802	PL.25341	A	Consumer	14.97Y	124.8	0.00	1.24	0.57	0	8	3	94	0.00	0.0	1.794	0.000	8	3	1	1
674805	PL.7439	A	Consumer	14.97Y	124.8	0.00	1.24	0.16	0	2	1	89	0.00	0.0	1.709	0.000	2	1	1	1
674803	PL.7439	A	Consumer	14.97Y	124.8	0.00	1.24	0.42	0	6	2	95	0.00	0.0	1.709	0.000	6	2	1	1
674804	PL.7439	A	Consumer	14.97Y	124.8	0.00	1.24	0.27	0	4	1	97	0.00	0.0	1.709	0.000	4	1	1	1
675809	PL.25330	A	Consumer	14.97Y	124.8	0.00	1.23	0.44	0	6	2	95	0.00	0.0	1.618	0.000	6	2	1	1
675808	PL.25330	A	Consumer	14.97Y	124.8	0.00	1.23	0.40	0	6	2	95	0.00	0.0	1.618	0.000	6	2	1	1
675807	PL.25330	A	Consumer	14.97Y	124.8	0.00	1.23	0.46	0	7	2	96	0.00	0.0	1.618	0.000	7	2	1	1
676808	PL.25328	A	Consumer	14.97Y	124.8	0.00	1.22	0.07	0	1	0	100	0.00	0.0	1.534	0.000	1	0	1	1
677807	PL.25328	A	Consumer	14.97Y	124.8	0.00	1.22	0.39	0	5	2	93	0.00	0.0	1.534	0.000	5	2	1	1
677803	PL.7813	A	Consumer	14.98Y	124.8	0.00	1.19	0.37	0	5	2	93	0.00	0.0	1.415	0.000	5	2	1	1
677801	PL.7813	A	Consumer	14.98Y	124.8	0.00	1.19	0.38	0	5	2	93	0.00	0.0	1.415	0.000	5	2	1	1
677802	PL.7813	A	Consumer	14.98Y	124.8	0.00	1.19	0.43	0	6	2	95	0.00	0.0	1.415	0.000	6	2	1	1
678806	PL.25327	A	Consumer	14.98Y	124.8	0.00	1.18	0.38	0	5	2	93	0.00	0.0	1.377	0.000	5	2	1	1
678805	PL.25327	A	Consumer	14.98Y	124.8	0.00	1.18	0.29	0	4	1	97	0.00	0.0	1.377	0.000	4	1	1	1
PL.24363	PL.28244	A	4ACSR	14.98Y	124.9	0.00	1.15	0.00	0	0	0	100	0.00	0.0	1.308	0.024	0	0	0	0
PL.38968	PL.28244	A	4ACSR	14.98Y	124.9	0.00	1.15	0.00	0	0	0	100	0.00	0.0	1.287	0.002	0	0	0	0
PD.6791	PL.38968	A	fuse6AMP	14.98Y	124.9	0.00	1.15	0.00	0	0	0	100	0.00	0.0	1.287	0.000	0	0	0	0
PL.38969	PD.6791	A	4ACSR	14.98Y	124.9	0.00	1.15	0.00	0	0	0	100	0.00	0.0	1.334	0.047	0	0	0	0
PL.22300	PL.25322	A	4ACSR	14.99Y	124.9	0.00	1.10	0.60	1	8	3	94	0.00	0.0	1.159	0.006	0	0	0	1
PD.2972	PL.22300	A	fuse6AMP	14.99Y	124.9	0.00	1.10	0.60	10	8	3	94	0.00	0.0	1.159	0.000	0	0	0	1
PL.28242	PD.2972	A	4ACSR	14.99Y	124.9	0.00	1.10	0.60	1	8	3	94	0.00	0.0	1.188	0.029	0	0	0	1
679904	PL.28242	A	Consumer	14.99Y	124.9	0.00	1.10	0.60	0	8	3	94	0.00	0.0	1.188	0.000	8	3	1	1
PL.18758	PL.25319	C	4ACSR	15.09Y	125.7	0.00	0.27	3.43	3	49	17	94	0.00	0.0	0.698	0.009	0	0	0	9

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.3291	PL.18758	C	70V4E	15.09Y	125.7	0.00	0.27	3.43	5	49	17	94	0.00	0.0	0.698	0.000	0	0	0	9
PL.18759	PD.3291	C	4ACSR	15.09Y	125.7	0.01	0.28	3.43	3	49	17	94	0.00	0.0	0.804	0.106	0	0	0	9
PL.25320	PL.18759	C	4ACSR	15.09Y	125.7	0.00	0.28	1.07	1	15	5	95	0.00	0.0	0.916	0.112	0	0	0	5
PL.36635	PL.25320	C	4ACSR	15.09Y	125.7	0.00	0.29	0.67	1	10	3	96	0.00	0.0	0.925	0.009	0	0	0	2
PD.5692	PL.36635	C	fuse6AMP	15.09Y	125.7	0.00	0.29	0.67	12	10	3	96	0.00	0.0	0.925	0.000	0	0	0	2
PL.36636	PD.5692	C	4ACSR	15.09Y	125.7	0.00	0.29	0.67	1	10	3	96	0.00	0.0	0.947	0.021	0	0	0	2
1143119	PL.36636	C	Consumer	15.09Y	125.7	0.00	0.29	0.00	0	0	0	100	0.00	0.0	0.947	0.000	0	0	0	0
PL.22391	PL.36636	C	4ACSR	15.09Y	125.7	0.00	0.29	0.67	1	10	3	96	0.00	0.0	0.980	0.034	0	0	0	2
PL.21678	PL.22391	C	4ACSR	15.09Y	125.7	0.00	0.29	0.00	0	0	0	100	0.00	0.0	1.004	0.024	0	0	0	0
1143117	PL.22391	C	Consumer	15.09Y	125.7	0.00	0.29	0.47	0	7	2	96	0.00	0.0	0.980	0.000	7	2	1	1
1143118	PL.22391	C	Consumer	15.09Y	125.7	0.00	0.29	0.20	0	3	1	95	0.00	0.0	0.980	0.000	3	1	1	1
PL.25321	PL.25320	C	4ACSR	15.09Y	125.7	0.00	0.29	0.06	0	1	0	100	0.00	0.0	0.986	0.069	0	0	0	2
1143116	PL.25321	C	Consumer	15.09Y	125.7	0.00	0.29	0.05	0	1	0	100	0.00	0.0	0.986	0.000	1	0	1	1
1143178	PL.25321	C	Consumer	15.09Y	125.7	0.00	0.29	0.01	0	0	0	100	0.00	0.0	0.986	0.000	0	0	1	1
1143108	PL.25320	C	Consumer	15.09Y	125.7	0.00	0.28	0.33	0	5	2	93	0.00	0.0	0.916	0.000	5	2	1	1
PL.36633	PL.18759	C	4ACSR	15.09Y	125.7	0.00	0.28	2.37	2	34	12	94	0.00	0.0	0.809	0.005	0	0	0	4
PD.5691	PL.36633	C	fuse6AMP	15.09Y	125.7	0.00	0.28	2.37	40	34	12	94	0.00	0.0	0.809	0.000	0	0	0	4
PL.36634	PD.5691	C	4ACSR	15.09Y	125.7	0.00	0.28	2.37	2	34	12	94	0.00	0.0	0.822	0.013	0	0	0	4
PL.21646	PL.36634	C	4ACSR	15.09Y	125.7	0.00	0.29	1.32	1	19	7	94	0.00	0.0	0.906	0.084	0	0	0	3
1143121	PL.21646	C	Consumer	15.09Y	125.7	0.00	0.29	0.41	0	6	2	95	0.00	0.0	0.906	0.000	6	2	1	1
PL.33899	PL.21646	C	2ACSR	15.09Y	125.7	0.00	0.29	0.00	0	0	0	100	0.00	0.0	0.952	0.045	0	0	0	0
PL.21647	PL.21646	C	4ACSR	15.09Y	125.7	0.00	0.29	0.49	0	7	2	96	0.00	0.0	0.939	0.033	0	0	0	1
1143120	PL.21647	C	Consumer	15.09Y	125.7	0.00	0.29	0.49	0	7	2	96	0.00	0.0	0.939	0.000	7	2	1	1
PL.21636	PL.21646	C	4ACSR	15.09Y	125.7	0.00	0.29	0.42	0	6	2	95	0.00	0.0	0.922	0.015	0	0	0	1
1143122	PL.21636	C	Consumer	15.09Y	125.7	0.00	0.29	0.42	0	6	2	95	0.00	0.0	0.922	0.000	6	2	1	1
1143184	PL.36634	C	Consumer	15.09Y	125.7	0.00	0.28	1.05	0	15	5	95	0.00	0.0	0.822	0.000	15	5	1	1
PL.17251	PL.25318	C	4ACSR	15.10Y	125.9	0.00	0.13	0.65	1	9	3	95	0.00	0.0	0.384	0.014	0	0	0	1
PD.799	PL.17251	C	fuse6AMP	15.10Y	125.9	0.00	0.13	0.65	11	9	3	95	0.00	0.0	0.384	0.000	0	0	0	1
PL.17252	PD.799	C	4ACSR	15.10Y	125.9	0.00	0.13	0.65	1	9	3	95	0.00	0.0	0.411	0.027	0	0	0	1
114335	PL.17252	C	Consumer	15.10Y	125.9	0.00	0.13	0.65	0	9	3	95	0.00	0.0	0.411	0.000	9	3	1	1
PL.17249	PL.25318	B	4ACSR	15.11Y	126.0	0.00	0.05	0.35	0	5	2	93	0.00	0.0	0.384	0.014	0	0	0	1
PD.8603	PL.17249	B	fuse6AMP	15.11Y	126.0	0.00	0.05	0.35	6	5	2	93	0.00	0.0	0.384	0.000	0	0	0	1
PL.17250	PD.8603	B	4ACSR	15.11Y	126.0	0.00	0.05	0.35	0	5	2	93	0.00	0.0	0.418	0.034	0	0	0	1
1143177	PL.17250	B	Consumer	15.11Y	126.0	0.00	0.05	0.35	0	5	2	93	0.00	0.0	0.418	0.000	5	2	1	1
114350	PL.5350	C	Consumer	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	0.296	0.000	0	0	1	1
PL.17	PL.5350	B	4ACSR	15.11Y	125.9	0.02	0.08	21.48	18	306	109	94	0.05	0.0	0.346	0.050	0	0	0	48
PL.14832	PL.17	B	4ACSR	15.11Y	125.9	0.00	0.09	21.48	18	306	109	94	0.01	0.0	0.352	0.006	0	0	0	48
PD.3304	PL.14832	B	70V4E	15.11Y	125.9	0.00	0.09	21.48	31	306	109	94	0.00	0.0	0.352	0.000	0	0	0	48

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.14833	PD.3304	B	4ACSR	15.10Y	125.9	0.04	0.13	21.48	18	306	109	94	0.10	0.0	0.443	0.092	0	0	0	48
1153139	PL.14833	B	Consumer	15.10Y	125.9	0.00	0.13	0.55	0	8	3	94	0.00	0.0	0.443	0.000	8	3	1	1
PL.5484	PL.14833	B	4ACSR	15.10Y	125.9	0.02	0.15	16.26	14	231	82	94	0.03	0.0	0.484	0.041	0	0	0	37
1153134	PL.5484	B	Consumer	15.10Y	125.9	0.00	0.15	0.49	0	7	2	96	0.00	0.0	0.484	0.000	7	2	1	1
1153115	PL.5484	B	Consumer	15.10Y	125.9	0.00	0.15	0.68	0	10	3	96	0.00	0.0	0.484	0.000	10	3	1	1
1153119	PL.5484	B	Consumer	15.10Y	125.9	0.00	0.15	0.57	0	8	3	94	0.00	0.0	0.484	0.000	8	3	1	1
PL.36656	PL.5484	B	4ACSR	15.10Y	125.8	0.02	0.16	14.52	12	206	74	94	0.02	0.0	0.531	0.047	0	0	0	34
C PD.5702	PL.36656	B	fuse6AMP	15.10Y	125.8	0.00	0.16	14.52	248	206	74	94	0.00	0.0	0.531	0.000	0	0	0	34 C
PL.36657	PD.5702	B	4ACSR	15.10Y	125.8	0.00	0.16	14.52	12	206	74	94	0.01	0.0	0.542	0.011	0	0	0	34
PL.8628	PL.36657	B	4ACSR	15.10Y	125.8	0.00	0.17	13.79	12	196	70	94	0.00	0.0	0.543	0.001	0	0	0	32
1153109	PL.8628	B	Consumer	15.10Y	125.8	0.00	0.17	0.31	0	4	2	89	0.00	0.0	0.543	0.000	4	2	1	1
1153114	PL.8628	B	Consumer	15.10Y	125.8	0.00	0.17	0.59	0	8	3	94	0.00	0.0	0.543	0.000	8	3	1	1
1153127	PL.8628	B	Consumer	15.10Y	125.8	0.00	0.17	0.50	0	7	3	92	0.00	0.0	0.543	0.000	7	3	1	1
115382	PL.8628	B	Consumer	15.10Y	125.8	0.00	0.17	0.45	0	6	2	95	0.00	0.0	0.543	0.000	6	2	1	1
PL.8631	PL.8628	B	4ACSR	15.10Y	125.8	0.01	0.18	11.94	10	170	61	94	0.01	0.0	0.582	0.039	0	0	0	28
115384	PL.8631	B	Consumer	15.10Y	125.8	0.00	0.18	0.30	0	4	2	89	0.00	0.0	0.582	0.000	4	2	1	1
PL.8632	PL.8631	B	4ACSR	15.10Y	125.8	0.01	0.19	11.64	10	165	59	94	0.01	0.0	0.624	0.042	0	0	0	27
PL.8633	PL.8632	B	4ACSR	15.10Y	125.8	0.01	0.20	10.55	9	150	53	94	0.02	0.0	0.682	0.058	0	0	0	25
115365	PL.8633	B	Consumer	15.10Y	125.8	0.00	0.20	0.76	0	11	4	94	0.00	0.0	0.682	0.000	11	4	1	1
115396	PL.8633	B	Consumer	15.10Y	125.8	0.00	0.20	0.59	0	8	3	94	0.00	0.0	0.682	0.000	8	3	1	1
PL.8634	PL.8633	B	4ACSR	15.09Y	125.8	0.01	0.21	9.20	8	131	47	94	0.01	0.0	0.722	0.041	0	0	0	23
PL.36658	PL.8634	B	4ACSR	15.09Y	125.8	0.00	0.21	6.47	5	92	33	94	0.00	0.0	0.735	0.013	0	0	0	16
C PD.5703	PL.36658	B	fuse6AMP	15.09Y	125.8	0.00	0.21	6.47	110	92	33	94	0.00	0.0	0.735	0.000	0	0	0	16 C
PL.36659	PD.5703	B	4ACSR	15.09Y	125.8	0.00	0.21	6.47	5	92	33	94	0.00	0.0	0.749	0.014	0	0	0	16
PL.8636	PL.36659	B	4ACSR	15.09Y	125.8	0.00	0.22	5.27	4	75	27	94	0.00	0.0	0.786	0.036	0	0	0	14
1153117	PL.8636	B	Consumer	15.09Y	125.8	0.00	0.22	0.43	0	6	2	95	0.00	0.0	0.786	0.000	6	2	1	1
1153144	PL.8636	B	Consumer	15.09Y	125.8	0.00	0.22	0.31	0	4	2	89	0.00	0.0	0.786	0.000	4	2	1	1
PL.8637	PL.8636	B	4ACSR	15.09Y	125.8	0.00	0.22	4.53	4	64	23	94	0.00	0.0	0.820	0.035	0	0	0	12
PL.8638	PL.8637	B	4ACSR	15.09Y	125.8	0.01	0.23	3.91	3	56	20	94	0.00	0.0	0.887	0.067	0	0	0	10
1153135	PL.8638	B	Consumer	15.09Y	125.8	0.00	0.23	0.56	0	8	3	94	0.00	0.0	0.887	0.000	8	3	1	1
1153143	PL.8638	B	Consumer	15.09Y	125.8	0.00	0.23	0.55	0	8	3	94	0.00	0.0	0.887	0.000	8	3	1	1
1153122	PL.8638	B	Consumer	15.09Y	125.8	0.00	0.23	0.50	0	7	3	92	0.00	0.0	0.887	0.000	7	3	1	1
PL.5475	PL.8638	B	4ACSR	15.09Y	125.8	0.00	0.23	2.29	2	33	12	94	0.00	0.0	0.949	0.062	0	0	0	7
1153136	PL.5475	B	Consumer	15.09Y	125.8	0.00	0.23	0.41	0	6	2	95	0.00	0.0	0.949	0.000	6	2	1	1
115310	PL.5475	B	Consumer	15.09Y	125.8	0.00	0.23	0.23	0	3	1	95	0.00	0.0	0.949	0.000	3	1	1	1
115303	PL.5475	B	Consumer	15.09Y	125.8	0.00	0.23	0.31	0	4	2	89	0.00	0.0	0.949	0.000	4	2	1	1
PL.8639	PL.5475	B	4ACSR	15.09Y	125.8	0.00	0.23	1.34	1	19	7	94	0.00	0.0	0.984	0.034	0	0	0	4
PL.36660	PL.8639	B	4ACSR	15.09Y	125.8	0.00	0.23	1.34	1	19	7	94	0.00	0.0	0.989	0.006	0	0	0	4

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	
PD.5704-A	PL.36660	B	Closed	15.09Y	125.8	0.00	0.23	1.34	0	19	7	94	0.00	0.0	0.989	0.000	0	0	0	4
PD.5704-B	PD.5704-A	B	Closed	15.09Y	125.8	0.00	0.23	1.34	0	19	7	94	0.00	0.0	0.989	0.000	0	0	0	4
PL.36661	PD.5704-B	B	4ACSR	15.09Y	125.8	0.00	0.23	1.34	1	19	7	94	0.00	0.0	1.013	0.024	0	0	0	4
PL.8641	PL.36661	B	4ACSR	15.09Y	125.8	0.00	0.23	0.87	1	12	4	95	0.00	0.0	1.052	0.039	0	0	0	2
PL.22406	PL.8641	B	4ACSR	15.09Y	125.8	0.00	0.23	0.87	1	12	4	95	0.00	0.0	1.076	0.024	0	0	0	2
115309	PL.22406	B	Consumer	15.09Y	125.8	0.00	0.23	0.52	0	7	3	92	0.00	0.0	1.076	0.000	7	3	1	1
PL.22407	PL.22406	B	4ACSR	15.09Y	125.8	0.00	0.23	0.36	0	5	2	93	0.00	0.0	1.104	0.029	0	0	0	1
115308	PL.22407	B	Consumer	15.09Y	125.8	0.00	0.23	0.36	0	5	2	93	0.00	0.0	1.104	0.000	5	2	1	1
PL.775	PL.36661	B	4ACSR	15.09Y	125.8	0.00	0.23	0.46	0	7	2	96	0.00	0.0	1.109	0.096	0	0	0	2
1153123	PL.775	B	Consumer	15.09Y	125.8	0.00	0.23	0.43	0	6	2	95	0.00	0.0	1.109	0.000	6	2	1	1
1153145	PL.775	B	Consumer	15.09Y	125.8	0.00	0.23	0.03	0	0	0	100	0.00	0.0	1.109	0.000	0	0	1	1
PL.771	PL.36661	B	4ACSR	15.09Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	1.050	0.037	0	0	0	0
115318	PL.771	B	Consumer	15.09Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	1.050	0.000	0	0	0	0
PL.27787	PL.8639	B	4ACSR	15.09Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	0.999	0.015	0	0	0	0
PD.879	PL.27787	B	fuse6AMP	15.09Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	0.999	0.000	0	0	0	0
PL.27788	PD.879	B	4ACSR	15.09Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	1.040	0.041	0	0	0	0
1153137	PL.8637	B	Consumer	15.09Y	125.8	0.00	0.22	0.41	0	6	2	95	0.00	0.0	0.820	0.000	6	2	1	1
1153120	PL.8637	B	Consumer	15.09Y	125.8	0.00	0.22	0.21	0	3	1	95	0.00	0.0	0.820	0.000	3	1	1	1
1153142	PL.36659	B	Consumer	15.09Y	125.8	0.00	0.21	0.46	0	7	2	96	0.00	0.0	0.749	0.000	7	2	1	1
1153141	PL.36659	B	Consumer	15.09Y	125.8	0.00	0.21	0.73	0	10	4	93	0.00	0.0	0.749	0.000	10	4	1	1
PL.8642	PL.8634	B	4ACSR	15.09Y	125.8	0.00	0.21	2.18	2	31	11	94	0.00	0.0	0.808	0.086	0	0	0	6
115380	PL.8642	B	Consumer	15.09Y	125.8	0.00	0.21	0.60	0	9	3	95	0.00	0.0	0.808	0.000	9	3	1	1
PL.8643	PL.8642	B	4ACSR	15.09Y	125.8	0.00	0.21	1.58	1	22	8	94	0.00	0.0	0.832	0.024	0	0	0	5
115387	PL.8643	B	Consumer	15.09Y	125.8	0.00	0.21	0.42	0	6	2	95	0.00	0.0	0.832	0.000	6	2	1	1
115374	PL.8643	B	Consumer	15.09Y	125.8	0.00	0.21	0.25	0	4	1	97	0.00	0.0	0.832	0.000	4	1	1	1
PL.27789	PL.8643	B	4ACSR	15.09Y	125.8	0.00	0.22	0.91	1	13	5	93	0.00	0.0	0.865	0.033	0	0	0	3
PD.64-A	PL.27789	B	Closed	15.09Y	125.8	0.00	0.22	0.91	0	13	5	93	0.00	0.0	0.865	0.000	0	0	0	3
PD.64-B	PD.64-A	B	Closed	15.09Y	125.8	0.00	0.22	0.91	0	13	5	93	0.00	0.0	0.865	0.000	0	0	0	3
PL.27790	PD.64-B	B	4ACSR	15.09Y	125.8	0.00	0.22	0.91	1	13	5	93	0.00	0.0	0.886	0.021	0	0	0	3
115397	PL.27790	B	Consumer	15.09Y	125.8	0.00	0.22	0.47	0	7	2	96	0.00	0.0	0.886	0.000	7	2	1	1
PL.8644	PL.27790	B	4ACSR	15.09Y	125.8	0.00	0.22	0.44	0	6	2	95	0.00	0.0	0.951	0.064	0	0	0	2
115388	PL.8644	B	Consumer	15.09Y	125.8	0.00	0.22	0.43	0	6	2	95	0.00	0.0	0.951	0.000	6	2	1	1
1153100	PL.8644	B	Consumer	15.09Y	125.8	0.00	0.22	0.01	0	0	0	100	0.00	0.0	0.951	0.000	0	0	1	1
115383	PL.8634	B	Consumer	15.09Y	125.8	0.00	0.21	0.56	0	8	3	94	0.00	0.0	0.722	0.000	8	3	1	1
115364	PL.8632	B	Consumer	15.10Y	125.8	0.00	0.19	0.58	0	8	3	94	0.00	0.0	0.624	0.000	8	3	1	1
1153105	PL.8632	B	Consumer	15.10Y	125.8	0.00	0.19	0.50	0	7	3	92	0.00	0.0	0.624	0.000	7	3	1	1
PL.770	PL.36657	B	4ACSR	15.10Y	125.8	0.00	0.17	0.72	1	10	4	93	0.00	0.0	0.584	0.042	0	0	0	2
PL.157	PL.770	B	4ACSR	15.10Y	125.8	0.00	0.17	0.72	1	10	4	93	0.00	0.0	0.604	0.020	0	0	0	2

Unbalanced Voltage Drop Report
Source: THREE FORKS

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
114397	PL.157	B	Consumer	15.10Y	125.8	0.00	0.17	0.49	0	7	2	96	0.00	0.0	0.604	0.000	7	2	1	1
114396	PL.157	B	Consumer	15.10Y	125.8	0.00	0.17	0.23	0	3	1	95	0.00	0.0	0.604	0.000	3	1	1	1
PL.8629	PL.14833	B	4ACSR	15.10Y	125.9	0.01	0.14	4.67	4	66	24	94	0.00	0.0	0.520	0.076	0	0	0	10
PL.8630	PL.8629	B	4ACSR	15.10Y	125.9	0.00	0.14	2.57	2	37	13	94	0.00	0.0	0.557	0.038	0	0	0	5
1153131	PL.8630	B	Consumer	15.10Y	125.9	0.00	0.14	0.25	0	4	1	97	0.00	0.0	0.557	0.000	4	1	1	1
1153125	PL.8630	B	Consumer	15.10Y	125.9	0.00	0.14	0.40	0	6	2	95	0.00	0.0	0.557	0.000	6	2	1	1
PL.5481	PL.8630	B	4ACSR	15.10Y	125.9	0.00	0.14	1.93	2	27	10	94	0.00	0.0	0.597	0.040	0	0	0	3
1153133	PL.5481	B	Consumer	15.10Y	125.9	0.00	0.14	0.46	0	7	2	96	0.00	0.0	0.597	0.000	7	2	1	1
1153121	PL.5481	B	Consumer	15.10Y	125.9	0.00	0.14	0.51	0	7	3	92	0.00	0.0	0.597	0.000	7	3	1	1
1153130	PL.5481	B	Consumer	15.10Y	125.9	0.00	0.14	0.95	0	14	5	94	0.00	0.0	0.597	0.000	14	5	1	1
1153132	PL.8629	B	Consumer	15.10Y	125.9	0.00	0.14	0.41	0	6	2	95	0.00	0.0	0.520	0.000	6	2	1	1
1153140	PL.8629	B	Consumer	15.10Y	125.9	0.00	0.14	0.43	0	6	2	95	0.00	0.0	0.520	0.000	6	2	1	1
1153118	PL.8629	B	Consumer	15.10Y	125.9	0.00	0.14	0.13	0	2	1	89	0.00	0.0	0.520	0.000	2	1	1	1
1153129	PL.8629	B	Consumer	15.10Y	125.9	0.00	0.14	0.79	0	11	4	94	0.00	0.0	0.520	0.000	11	4	1	1
1153124	PL.8629	B	Consumer	15.10Y	125.9	0.00	0.14	0.33	0	5	2	93	0.00	0.0	0.520	0.000	5	2	1	1
1143167	PL.25315	B	Consumer	15.12Y	126.0	0.00	0.04	0.59	0	8	3	94	0.00	0.0	0.119	0.000	8	3	1	1
PL.14830	PL.32835	B	4ACSR	15.12Y	126.0	0.01	0.04	41.89	35	599	206	95	0.04	0.0	0.058	0.010	0	0	0	87
C PD.3289	PL.14830	B	50V4E	15.12Y	126.0	0.00	0.04	41.89	84	599	206	95	0.00	0.0	0.058	0.000	0	0	0	87 C
PL.14831	PD.3289	B	4ACSR	15.11Y	125.9	0.02	0.06	41.89	35	599	206	95	0.08	0.0	0.076	0.018	0	0	0	87
PL.8647	PL.14831	B	4ACSR	15.11Y	125.9	0.05	0.11	40.40	34	577	199	95	0.23	0.0	0.135	0.059	0	0	0	83
PL.8648	PL.8647	B	4ACSR	15.10Y	125.8	0.06	0.17	40.40	34	577	199	95	0.26	0.0	0.202	0.066	0	0	0	83
PL.36646	PL.8648	B	4ACSR	15.10Y	125.8	0.00	0.17	1.00	1	14	5	94	0.00	0.0	0.208	0.007	0	0	0	2
PD.5697	PL.36646	B	fuse6AMP	15.10Y	125.8	0.00	0.17	1.00	17	14	5	94	0.00	0.0	0.208	0.000	0	0	0	2
PL.36647	PD.5697	B	4ACSR	15.10Y	125.8	0.00	0.17	1.00	1	14	5	94	0.00	0.0	0.240	0.032	0	0	0	2
1153108	PL.36647	B	Consumer	15.10Y	125.8	0.00	0.17	0.48	0	7	2	96	0.00	0.0	0.240	0.000	7	2	1	1
1153107	PL.36647	B	Consumer	15.10Y	125.8	0.00	0.17	0.52	0	7	3	92	0.00	0.0	0.240	0.000	7	3	1	1
PL.8649	PL.8648	B	4ACSR	15.10Y	125.8	0.02	0.20	39.40	33	563	193	95	0.10	0.0	0.228	0.027	0	0	0	81
PL.8650	PL.8649	B	4ACSR	15.09Y	125.8	0.05	0.25	38.78	33	554	190	95	0.20	0.0	0.283	0.055	0	0	0	80
115376	PL.8650	B	Consumer	15.09Y	125.8	0.00	0.25	0.58	0	8	3	94	0.00	0.0	0.283	0.000	8	3	1	1
115379	PL.8650	B	Consumer	15.09Y	125.8	0.00	0.25	0.31	0	4	2	89	0.00	0.0	0.283	0.000	4	2	1	1
PL.8651	PL.8650	B	4ACSR	15.08Y	125.7	0.06	0.30	37.89	32	541	185	95	0.22	0.0	0.347	0.064	0	0	0	78
PL.8652	PL.8651	B	4ACSR	15.08Y	125.7	0.04	0.34	36.92	31	527	180	95	0.14	0.0	0.390	0.043	0	0	0	76
115369	PL.8652	B	Consumer	15.08Y	125.7	0.00	0.34	0.37	0	5	2	93	0.00	0.0	0.390	0.000	5	2	1	1
115370	PL.8652	B	Consumer	15.08Y	125.7	0.00	0.34	0.34	0	5	2	93	0.00	0.0	0.390	0.000	5	2	1	1
PL.8903	PL.8652	B	4ACSR	15.07Y	125.6	0.07	0.40	36.21	30	517	177	95	0.25	0.0	0.470	0.080	0	0	0	74
PL.8904	PL.8903	B	4ACSR	15.06Y	125.5	0.09	0.49	35.22	30	502	172	95	0.33	0.1	0.580	0.111	0	0	0	72
115324	PL.8904	B	Consumer	15.06Y	125.5	0.00	0.49	0.48	0	7	2	96	0.00	0.0	0.580	0.000	7	2	1	1
PL.8905	PL.8904	B	4ACSR	15.06Y	125.5	0.05	0.54	34.74	29	495	169	95	0.16	0.0	0.637	0.057	0	0	0	71

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.8645	PL.8905	B	4ACSR	15.05Y	125.4	0.06	0.60	33.62	28	479	163	95	0.21	0.0	0.716	0.078	0	0	0	69
PL.36640	PL.8645	B	4ACSR	15.05Y	125.4	0.03	0.62	33.12	28	472	161	95	0.09	0.0	0.751	0.036	0	0	0	68
PL.36641	PL.36640	B	4ACSR	15.04Y	125.4	0.01	0.64	32.47	27	463	157	95	0.05	0.0	0.772	0.020	0	0	0	67
115372	PL.36641	B	Consumer	15.04Y	125.4	0.00	0.64	0.59	0	8	3	94	0.00	0.0	0.772	0.000	8	3	1	1
PL.28944	PL.36641	B	4ACSR	15.04Y	125.3	0.07	0.71	31.88	27	454	154	95	0.23	0.1	0.866	0.095	0	0	0	66
PD.7353-A	PL.28944	B	Closed	15.04Y	125.3	0.00	0.71	31.88	0	454	154	95	0.00	0.0	0.866	0.000	0	0	0	66
PD.7353-B	PD.7353-A	B	Closed	15.04Y	125.3	0.00	0.71	31.88	0	454	154	95	0.00	0.0	0.866	0.000	0	0	0	66
PL.36654	PD.7353-B	B	4ACSR	15.03Y	125.3	0.00	0.71	31.88	27	454	154	95	0.01	0.0	0.872	0.006	0	0	0	66
PL.36655	PL.36654	B	4ACSR	15.03Y	125.3	0.01	0.72	31.88	27	454	154	95	0.03	0.0	0.885	0.013	0	0	0	66
PL.29042	PL.36655	B	4ACSR	15.03Y	125.3	0.00	0.72	31.88	27	454	154	95	0.00	0.0	0.887	0.002	0	0	0	66
PL.5472	PL.29042	B	4ACSR	15.02Y	125.2	0.09	0.81	31.32	26	446	151	95	0.29	0.1	1.011	0.124	0	0	0	64
115398	PL.5472	B	Consumer	15.02Y	125.2	0.00	0.81	0.03	0	0	0	100	0.00	0.0	1.011	0.000	0	0	1	1
1153111	PL.5472	B	Consumer	15.02Y	125.2	0.00	0.81	0.14	0	2	1	89	0.00	0.0	1.011	0.000	2	1	1	1
1153110	PL.5472	B	Consumer	15.02Y	125.2	0.00	0.81	0.04	0	1	0	100	0.00	0.0	1.011	0.000	1	0	1	1
115301	PL.5472	B	Consumer	15.02Y	125.2	0.00	0.81	0.45	0	6	2	95	0.00	0.0	1.011	0.000	6	2	1	1
PL.18307	PL.5472	B	4ACSR	15.02Y	125.2	0.01	0.82	30.66	26	436	148	95	0.02	0.0	1.020	0.009	0	0	0	60
PD.66-A	PL.18307	B	Closed	15.02Y	125.2	0.00	0.82	30.66	0	436	148	95	0.00	0.0	1.020	0.000	0	0	0	60
PD.66-B	PD.66-A	B	Closed	15.02Y	125.2	0.00	0.82	30.66	0	436	148	95	0.00	0.0	1.020	0.000	0	0	0	60
PL.18308	PD.66-B	B	4ACSR	15.02Y	125.1	0.04	0.85	30.66	26	436	148	95	0.12	0.0	1.073	0.053	0	0	0	60
115363	PL.18308	B	Consumer	15.02Y	125.1	0.00	0.85	0.57	0	8	3	94	0.00	0.0	1.073	0.000	8	3	1	1
PL.18862	PL.18308	B	4ACSR	15.02Y	125.1	0.00	0.85	2.95	2	42	15	94	0.00	0.0	1.083	0.010	0	0	0	7
PD.880	PL.18862	B	fuse6AMP	15.02Y	125.1	0.00	0.85	2.95	50	42	15	94	0.00	0.0	1.083	0.000	0	0	0	7
PL.18863	PD.880	B	4ACSR	15.02Y	125.1	0.00	0.85	2.95	2	42	15	94	0.00	0.0	1.108	0.025	0	0	0	7
PL.21925	PL.18863	B	4ACSR	15.02Y	125.1	0.00	0.86	0.97	1	14	5	94	0.00	0.0	1.139	0.031	0	0	0	2
115354	PL.21925	B	Consumer	15.02Y	125.1	0.00	0.86	0.57	0	8	3	94	0.00	0.0	1.139	0.000	8	3	1	1
115343	PL.21925	B	Consumer	15.02Y	125.1	0.00	0.86	0.40	0	6	2	95	0.00	0.0	1.139	0.000	6	2	1	1
PL.8906	PL.18863	B	4ACSR	15.02Y	125.1	0.00	0.86	1.99	2	28	10	94	0.00	0.0	1.199	0.090	0	0	0	5
PL.21924	PL.8906	B	4ACSR	15.02Y	125.1	0.00	0.86	0.24	0	3	1	95	0.00	0.0	1.250	0.051	0	0	0	1
115347	PL.21924	B	Consumer	15.02Y	125.1	0.00	0.86	0.24	0	3	1	95	0.00	0.0	1.250	0.000	3	1	1	1
PL.8907	PL.8906	B	4ACSR	15.02Y	125.1	0.00	0.86	1.33	1	19	7	94	0.00	0.0	1.297	0.098	0	0	0	3
115325	PL.8907	B	Consumer	15.02Y	125.1	0.00	0.86	0.68	0	10	3	96	0.00	0.0	1.297	0.000	10	3	1	1
PL.5471	PL.8907	B	4ACSR	15.02Y	125.1	0.00	0.86	0.65	1	9	3	95	0.00	0.0	1.349	0.052	0	0	0	2
115362	PL.5471	B	Consumer	15.02Y	125.1	0.00	0.86	0.11	0	2	1	89	0.00	0.0	1.349	0.000	2	1	1	1
115358	PL.5471	B	Consumer	15.02Y	125.1	0.00	0.86	0.54	0	8	3	94	0.00	0.0	1.349	0.000	8	3	1	1
115373	PL.8906	B	Consumer	15.02Y	125.1	0.00	0.86	0.42	0	6	2	95	0.00	0.0	1.199	0.000	6	2	1	1
PL.28086	PL.18308	B	4ACSR	15.02Y	125.1	0.00	0.85	20.32	17	290	95	95	0.01	0.0	1.078	0.005	0	0	0	38
PD.3303	PL.28086	B	35L	15.02Y	125.1	0.00	0.85	20.32	58	290	95	95	0.00	0.0	1.078	0.000	0	0	0	38
PL.28087	PD.3303	B	4ACSR	15.01Y	125.1	0.06	0.91	20.32	17	290	95	95	0.13	0.0	1.208	0.130	0	0	0	38

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.36726	PL.28087	B	4ACSR	15.01Y	125.1	0.00	0.91	0.85	1	12	4	95	0.00	0.0	1.212	0.005	0	0	0	2
PD.5724	PL.36726	B	fuse6AMP	15.01Y	125.1	0.00	0.91	0.85	15	12	4	95	0.00	0.0	1.212	0.000	0	0	0	2
PL.36727	PD.5724	B	4ACSR	15.01Y	125.1	0.00	0.92	0.85	1	12	4	95	0.00	0.0	1.264	0.052	0	0	0	2
115371	PL.36727	B	Consumer	15.01Y	125.1	0.00	0.92	0.59	0	8	3	94	0.00	0.0	1.264	0.000	8	3	1	1
115350	PL.36727	B	Consumer	15.01Y	125.1	0.00	0.92	0.26	0	4	1	97	0.00	0.0	1.264	0.000	4	1	1	1
PL.8908	PL.28087	B	4ACSR	15.01Y	125.0	0.04	0.96	19.46	16	278	91	95	0.09	0.0	1.303	0.095	0	0	0	36
PL.36729	PL.8908	B	4ACSR	15.01Y	125.0	0.00	0.96	2.56	2	36	13	94	0.00	0.0	1.309	0.006	0	0	0	5
PD.5725	PL.36729	B	fuse6AMP	15.01Y	125.0	0.00	0.96	2.56	44	36	13	94	0.00	0.0	1.309	0.000	0	0	0	5
PL.36728	PD.5725	B	4ACSR	15.00Y	125.0	0.00	0.96	2.56	2	36	13	94	0.00	0.0	1.342	0.033	0	0	0	5
115316	PL.36728	B	Consumer	15.00Y	125.0	0.00	0.96	0.54	0	8	3	94	0.00	0.0	1.342	0.000	8	3	1	1
1153106	PL.36728	B	Consumer	15.00Y	125.0	0.00	0.96	0.31	0	4	2	89	0.00	0.0	1.342	0.000	4	2	1	1
PL.22404	PL.36728	B	4ACSR	15.00Y	125.0	0.00	0.96	1.70	1	24	9	94	0.00	0.0	1.435	0.093	0	0	0	3
PL.21932	PL.22404	B	4ACSR	15.00Y	125.0	0.00	0.96	1.12	1	16	6	94	0.00	0.0	1.498	0.063	0	0	0	2
115352	PL.21932	B	Consumer	15.00Y	125.0	0.00	0.96	0.35	0	5	2	93	0.00	0.0	1.498	0.000	5	2	1	1
PL.21931	PL.21932	B	4ACSR	15.00Y	125.0	0.00	0.96	0.77	1	11	4	94	0.00	0.0	1.529	0.031	0	0	0	1
115315	PL.21931	B	Consumer	15.00Y	125.0	0.00	0.96	0.77	0	11	4	94	0.00	0.0	1.529	0.000	11	4	1	1
115311	PL.22404	B	Consumer	15.00Y	125.0	0.00	0.96	0.58	0	8	3	94	0.00	0.0	1.435	0.000	8	3	1	1
PL.18313	PL.8908	B	4ACSR	15.00Y	125.0	0.05	1.00	16.91	14	241	78	95	0.08	0.0	1.423	0.120	0	0	0	31
PL.18314	PL.18313	B	4ACSR	15.00Y	125.0	0.01	1.01	16.91	14	241	78	95	0.01	0.0	1.436	0.013	0	0	0	31
PL.8909	PL.18314	B	4ACSR	15.00Y	125.0	0.02	1.03	14.95	13	214	68	95	0.04	0.0	1.508	0.072	0	0	0	29
PL.36732	PL.8909	B	4ACSR	15.00Y	125.0	0.00	1.03	1.18	1	17	6	94	0.00	0.0	1.517	0.009	0	0	0	2
PD.5726	PL.36732	B	fuse6AMP	15.00Y	125.0	0.00	1.03	1.18	20	17	6	94	0.00	0.0	1.517	0.000	0	0	0	2
PL.36733	PD.5726	B	4ACSR	15.00Y	125.0	0.00	1.03	1.18	1	17	6	94	0.00	0.0	1.589	0.072	0	0	0	2
115341	PL.36733	B	Consumer	15.00Y	125.0	0.00	1.03	1.13	0	16	6	94	0.00	0.0	1.589	0.000	16	6	1	1
115368	PL.36733	B	Consumer	15.00Y	125.0	0.00	1.03	0.05	0	1	0	100	0.00	0.0	1.589	0.000	1	0	1	1
PL.5482	PL.8909	B	4ACSR	15.00Y	125.0	0.00	1.03	0.49	0	7	2	96	0.00	0.0	1.508	0.000	0	0	0	2
PL.36735	PL.5482	B	4ACSR	15.00Y	125.0	0.00	1.03	0.42	0	6	2	95	0.00	0.0	1.514	0.006	0	0	0	1
PD.5727	PL.36735	B	fuse6AMP	15.00Y	125.0	0.00	1.03	0.42	7	6	2	95	0.00	0.0	1.514	0.000	0	0	0	1
PL.36734	PD.5727	B	4ACSR	15.00Y	125.0	0.00	1.03	0.42	0	6	2	95	0.00	0.0	1.591	0.077	0	0	0	1
115201	PL.36734	B	Consumer	15.00Y	125.0	0.00	1.03	0.42	0	6	2	95	0.00	0.0	1.591	0.000	6	2	1	1
1153128	PL.5482	B	Consumer	15.00Y	125.0	0.00	1.03	0.08	0	1	0	100	0.00	0.0	1.508	0.000	1	0	1	1
PL.8910	PL.8909	B	4ACSR	14.99Y	124.9	0.04	1.07	13.28	11	190	60	95	0.05	0.0	1.626	0.119	0	0	0	25
115313	PL.8910	B	Consumer	14.99Y	124.9	0.00	1.07	0.73	0	10	4	93	0.00	0.0	1.626	0.000	10	4	1	1
PL.5476	PL.8910	B	4ACSR	14.99Y	124.9	0.01	1.08	12.55	11	180	56	95	0.02	0.0	1.675	0.048	0	0	0	24
PL.5477	PL.5476	B	4ACSR	14.99Y	124.9	0.02	1.10	12.03	10	172	53	96	0.02	0.0	1.739	0.065	0	0	0	23
PL.32	PL.5477	B	4ACSR	14.98Y	124.9	0.03	1.13	10.89	9	156	48	96	0.04	0.0	1.872	0.132	0	0	0	20
PL.5485	PL.32	B	1/0EPRJCN	14.98Y	124.9	0.01	1.14	10.89	6	156	48	96	0.01	0.0	1.961	0.090	0	0	0	20
1152014	PL.5485	B	Consumer	14.98Y	124.9	0.00	1.14	0.37	0	5	2	93	0.00	0.0	1.961	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
115203	PL.5485	B	Consumer	14.98Y	124.9	0.00	1.14	0.24	0	3	1	95	0.00	0.0	1.961	0.000	3	1	1	1
1152010	PL.5485	B	Consumer	14.98Y	124.9	0.00	1.14	0.85	0	12	4	95	0.00	0.0	1.961	0.000	12	4	1	1
PL.5486	PL.5485	B	1/0EPRJCN	14.98Y	124.9	0.01	1.15	9.46	5	135	42	95	0.01	0.0	2.030	0.069	0	0	0	17
PL.27660	PL.5486	B	1/0EPRJCN	14.98Y	124.9	0.00	1.15	3.18	2	45	15	95	0.00	0.0	2.069	0.039	0	0	0	6
1152013	PL.27660	B	Consumer	14.98Y	124.9	0.00	1.15	0.57	0	8	3	94	0.00	0.0	2.069	0.000	8	3	1	1
1152011	PL.27660	B	Consumer	14.98Y	124.9	0.00	1.15	0.49	0	7	2	96	0.00	0.0	2.069	0.000	7	2	1	1
1152012	PL.27660	B	Consumer	14.98Y	124.9	0.00	1.15	0.44	0	6	2	95	0.00	0.0	2.069	0.000	6	2	1	1
1152016	PL.27660	B	Consumer	14.98Y	124.9	0.00	1.15	0.59	0	8	3	94	0.00	0.0	2.069	0.000	8	3	1	1
PL.27661	PL.27660	B	1/0EPRJCN	14.98Y	124.8	0.00	1.15	1.10	1	16	5	95	0.00	0.0	2.103	0.034	0	0	0	2
1152015	PL.27661	B	Consumer	14.98Y	124.8	0.00	1.15	0.63	0	9	3	95	0.00	0.0	2.103	0.000	9	3	1	1
115208	PL.27661	B	Consumer	14.98Y	124.8	0.00	1.15	0.48	0	7	2	96	0.00	0.0	2.103	0.000	7	2	1	1
PL.8913	PL.5486	B	1/0EPRJCN	14.98Y	124.9	0.00	1.15	6.31	3	90	29	95	0.00	0.0	2.049	0.019	0	0	0	11
PL.8914	PL.8913	B	1/0EPRJCN	14.98Y	124.8	0.00	1.15	4.49	2	64	20	95	0.00	0.0	2.077	0.028	0	0	0	8
PL.8911	PL.8914	B	1/0EPRJCN	14.98Y	124.8	0.00	1.15	4.50	2	64	20	95	0.00	0.0	2.106	0.030	0	0	0	8
PL.8912	PL.8911	B	1/0EPRJCN	14.98Y	124.8	0.00	1.15	3.40	2	49	16	95	0.00	0.0	2.163	0.057	0	0	0	6
114201	PL.8912	B	Consumer	14.98Y	124.8	0.00	1.15	0.75	0	11	4	94	0.00	0.0	2.163	0.000	11	4	1	1
1142005	PL.8912	B	Consumer	14.98Y	124.8	0.00	1.15	0.52	0	7	3	92	0.00	0.0	2.163	0.000	7	3	1	1
114202	PL.8912	B	Consumer	14.98Y	124.8	0.00	1.15	0.42	0	6	2	95	0.00	0.0	2.163	0.000	6	2	1	1
PL.5368	PL.8912	B	1/0EPRJCN	14.98Y	124.8	0.00	1.16	1.73	1	25	8	95	0.00	0.0	2.198	0.035	0	0	0	3
1142009	PL.5368	B	Consumer	14.98Y	124.8	0.00	1.16	0.00	0	0	0	100	0.00	0.0	2.198	0.000	0	0	0	0
114203	PL.5368	B	Consumer	14.98Y	124.8	0.00	1.16	0.50	0	7	3	92	0.00	0.0	2.198	0.000	7	3	1	1
1142007	PL.5368	B	Consumer	14.98Y	124.8	0.00	1.16	0.32	0	4	2	89	0.00	0.0	2.198	0.000	4	2	1	1
1142006	PL.5368	B	Consumer	14.98Y	124.8	0.00	1.16	0.93	0	13	5	93	0.00	0.0	2.198	0.000	13	5	1	1
PL.164	PL.8911	B	1/0EPRJCN	14.98Y	124.8	0.00	1.15	1.11	1	16	5	95	0.00	0.0	2.128	0.021	0	0	0	2
1142004	PL.164	B	Consumer	14.98Y	124.8	0.00	1.15	0.61	0	9	3	95	0.00	0.0	2.128	0.000	9	3	1	1
1142008	PL.164	B	Consumer	14.98Y	124.8	0.00	1.15	0.51	0	7	3	92	0.00	0.0	2.128	0.000	7	3	1	1
115209	PL.8913	B	Consumer	14.98Y	124.9	0.00	1.15	0.65	0	9	3	95	0.00	0.0	2.049	0.000	9	3	1	1
115204	PL.8913	B	Consumer	14.98Y	124.9	0.00	1.15	0.58	0	8	3	94	0.00	0.0	2.049	0.000	8	3	1	1
1152017	PL.8913	B	Consumer	14.98Y	124.9	0.00	1.15	0.59	0	8	3	94	0.00	0.0	2.049	0.000	8	3	1	1
115304	PL.5477	B	Consumer	14.99Y	124.9	0.00	1.10	0.39	0	5	2	93	0.00	0.0	1.739	0.000	5	2	1	1
115305	PL.5477	B	Consumer	14.99Y	124.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	1.739	0.000	0	0	0	0
PL.36736	PL.5477	B	4ACSR	14.99Y	124.9	0.00	1.10	0.75	1	11	4	94	0.00	0.0	1.747	0.008	0	0	0	2
PD.5728	PL.36736	B	fuse6AMP	14.99Y	124.9	0.00	1.10	0.75	13	11	4	94	0.00	0.0	1.747	0.000	0	0	0	2
PL.36737	PD.5728	B	4ACSR	14.99Y	124.9	0.00	1.10	0.75	1	11	4	94	0.00	0.0	1.799	0.052	0	0	0	2
115321	PL.36737	B	Consumer	14.99Y	124.9	0.00	1.10	0.47	0	7	2	96	0.00	0.0	1.799	0.000	7	2	1	1
115357	PL.36737	B	Consumer	14.99Y	124.9	0.00	1.10	0.28	0	4	1	97	0.00	0.0	1.799	0.000	4	1	1	1
115345	PL.5476	B	Consumer	14.99Y	124.9	0.00	1.08	0.52	0	7	3	92	0.00	0.0	1.675	0.000	7	3	1	1
PL.36730	PL.18314	B	4ACSR	15.00Y	125.0	0.00	1.01	1.95	2	28	10	94	0.00	0.0	1.441	0.005	0	0	0	2

Unbalanced Voltage Drop Report
Source: THREE FORKS

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
PD.881	PL.36730	B	fuse6AMP	15.00Y	125.0	0.00	1.01	1.95	33	28	10	94	0.00	0.0	1.441	0.000	0	0	0	2
PL.36731	PD.881	B	4ACSR	15.00Y	125.0	0.00	1.01	1.95	2	28	10	94	0.00	0.0	1.470	0.029	0	0	0	2
PL.21650	PL.36731	B	4ACSR	15.00Y	125.0	0.00	1.01	1.51	1	21	8	93	0.00	0.0	1.578	0.109	0	0	0	1
PL.21929	PL.21650	B	4ACSR	15.00Y	125.0	0.00	1.01	1.51	1	21	8	93	0.00	0.0	1.621	0.043	0	0	0	1
115202	PL.21929	B	Consumer	15.00Y	125.0	0.00	1.01	1.51	0	21	8	93	0.00	0.0	1.621	0.000	21	8	1	1
PL.22131	PL.36731	B	4ACSR	15.00Y	125.0	0.00	1.01	0.45	0	6	2	95	0.00	0.0	1.523	0.054	0	0	0	1
115394	PL.22131	B	Consumer	15.00Y	125.0	0.00	1.01	0.45	0	6	2	95	0.00	0.0	1.523	0.000	6	2	1	1
PL.5470	PL.18308	B	4ACSR	15.02Y	125.1	0.02	0.87	6.83	6	97	34	94	0.02	0.0	1.212	0.139	0	0	0	14
PL.36691	PL.5470	B	4ACSR	15.02Y	125.1	0.00	0.87	0.37	0	5	2	93	0.00	0.0	1.222	0.010	0	0	0	1
PD.5707	PL.36691	B	fuse6AMP	15.02Y	125.1	0.00	0.87	0.37	6	5	2	93	0.00	0.0	1.222	0.000	0	0	0	1
PL.36692	PD.5707	B	4ACSR	15.02Y	125.1	0.00	0.87	0.37	0	5	2	93	0.00	0.0	1.299	0.077	0	0	0	1
115306	PL.36692	B	Consumer	15.02Y	125.1	0.00	0.87	0.37	0	5	2	93	0.00	0.0	1.299	0.000	5	2	1	1
115323	PL.5470	B	Consumer	15.02Y	125.1	0.00	0.87	1.00	0	14	5	94	0.00	0.0	1.212	0.000	14	5	1	1
PL.8915	PL.5470	B	4ACSR	15.02Y	125.1	0.00	0.87	5.46	5	77	28	94	0.00	0.0	1.214	0.002	0	0	0	12
PL.36694	PL.8915	B	4ACSR	15.02Y	125.1	0.00	0.87	0.69	1	10	3	96	0.00	0.0	1.231	0.017	0	0	0	1
PD.5708	PL.36694	B	fuse6AMP	15.02Y	125.1	0.00	0.87	0.69	12	10	3	96	0.00	0.0	1.231	0.000	0	0	0	1
PL.36693	PD.5708	B	4ACSR	15.01Y	125.1	0.00	0.88	0.69	1	10	3	96	0.00	0.0	1.281	0.050	0	0	0	1
115322	PL.36693	B	Consumer	15.01Y	125.1	0.00	0.88	0.69	0	10	3	96	0.00	0.0	1.281	0.000	10	3	1	1
PL.8916	PL.8915	B	4ACSR	15.01Y	125.1	0.01	0.88	4.76	4	67	24	94	0.00	0.0	1.284	0.070	0	0	0	11
115348	PL.8916	B	Consumer	15.01Y	125.1	0.00	0.88	0.60	0	8	3	94	0.00	0.0	1.284	0.000	8	3	1	1
PL.20829	PL.8916	B	4ACSR	15.01Y	125.1	0.00	0.88	4.16	3	59	21	94	0.00	0.0	1.294	0.010	0	0	0	10
PD.3504	PL.20829	B	35E	15.01Y	125.1	0.00	0.88	4.16	12	59	21	94	0.00	0.0	1.294	0.000	0	0	0	10
PL.22252	PD.3504	B	4ACSR	15.01Y	125.1	0.01	0.89	4.16	3	59	21	94	0.00	0.0	1.392	0.099	0	0	0	10
PL.21651	PL.22252	B	4ACSR	15.01Y	125.1	0.00	0.89	4.16	3	59	21	94	0.00	0.0	1.403	0.011	0	0	0	10
PL.36689	PL.21651	B	2ACSR	15.01Y	125.1	0.00	0.89	0.72	0	10	4	93	0.00	0.0	1.417	0.013	0	0	0	1
PD.5706	PL.36689	B	fuse6AMP	15.01Y	125.1	0.00	0.89	0.72	12	10	4	93	0.00	0.0	1.417	0.000	0	0	0	1
PL.36690	PD.5706	B	2ACSR	15.01Y	125.1	0.00	0.89	0.72	0	10	4	93	0.00	0.0	1.436	0.019	0	0	0	1
115332	PL.36690	B	Consumer	15.01Y	125.1	0.00	0.89	0.72	0	10	4	93	0.00	0.0	1.436	0.000	10	4	1	1
PL.14898	PL.21651	B	4ACSR	15.01Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	1.411	0.008	0	0	0	0
PL.45482	PL.14898	B	4ACSR	15.01Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	1.429	0.018	0	0	0	0
PD.68-B	PL.45482	B	Open	15.01Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	1.429	0.000	0	0	0	0
PL.36686	PL.21651	B	4ACSR	15.01Y	125.1	0.00	0.89	3.45	3	49	17	94	0.00	0.0	1.411	0.008	0	0	0	9
PL.45483	PL.36686	B	4ACSR	15.01Y	125.1	0.00	0.89	3.45	3	49	17	94	0.00	0.0	1.421	0.010	0	0	0	9
PD.5705	PL.45483	B	fuse6AMP	15.01Y	125.1	0.00	0.89	3.45	59	49	17	94	0.00	0.0	1.421	0.000	0	0	0	9
PL.45484	PD.5705	B	4ACSR	15.01Y	125.1	0.03	0.93	3.45	3	49	17	94	0.01	0.0	1.844	0.423	0	0	0	9
PL.25375	PL.45484	B	4ACSR	15.01Y	125.1	0.02	0.95	3.45	3	49	17	94	0.01	0.0	2.100	0.256	0	0	0	8
PL.25376	PL.25375	B	4ACSR	15.01Y	125.0	0.01	0.95	3.12	3	44	16	94	0.00	0.0	2.184	0.084	0	0	0	7
PL.21875	PL.25376	B	4ACSR	15.01Y	125.0	0.00	0.95	0.50	0	7	3	92	0.00	0.0	2.206	0.022	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: THREE FORKS

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: THREE FORKS

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 (THRFRKS1) beginning with Device PD.3879.

Unbalanced Voltage Drop Report
Source: THREE FORKS

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.36497, 114402, PL.5360, etc.

Unbalanced Voltage Drop Report
Source: THREE FORKS

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: THREE FORKS

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.5651, PL.36509, etc.

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.3286	PL.21820	A	VWVE	15.13Y	126.0	0.00	-0.05	19.62	0	279	100	94	0.00	0.0	4.415	0.000	0	0	0	48
		B		14.96Y	124.7	0.00	1.32	19.97	0	281	103	94					0	0	0	48
		C		14.71Y	122.6	0.00	3.38	45.52	0	629	230	94					0	0	0	140
PL.16802	PD.3286	A	1/0ACSR	15.12Y	126.0	0.01	-0.04	19.62	10	279	100	94	0.34	0.0	4.546	0.131	0	0	0	48
		B		14.96Y	124.7	0.03	1.35	19.97	10	281	103	94					0	0	0	48
		C		14.71Y	122.6	0.07	3.45	45.52	23	629	230	94					0	0	0	140
PL.9282	PL.16802	A	1/0ACSR	15.12Y	126.0	0.01	-0.03	19.31	10	275	99	94	0.31	0.0	4.664	0.118	0	0	0	47
		B		14.95Y	124.6	0.03	1.38	19.97	10	281	103	94					0	0	0	48
		C		14.70Y	122.5	0.06	3.51	45.52	23	629	230	94					0	0	0	140
111518	PL.9282	A	Consumer	15.12Y	126.0	0.00	-0.03	0.06	0	1	0	100	0.00	0.0	4.664	0.000	1	0	1	1
PL.9281	PL.9282	A	1/0ACSR	15.12Y	126.0	0.00	-0.03	19.25	10	274	98	94	0.14	0.0	4.718	0.054	0	0	0	46
		B		14.95Y	124.6	0.01	1.39	19.97	10	280	103	94					0	0	0	48
		C		14.70Y	122.5	0.03	3.53	45.52	23	628	230	94					0	0	0	140
PL.9283	PL.9281	A	4ACSR	15.12Y	126.0	0.00	-0.02	2.70	2	38	14	94	0.00	0.0	4.770	0.052	0	0	0	9
PL.9284	PL.9283	A	4ACSR	15.12Y	126.0	0.00	-0.02	2.70	2	38	14	94	0.00	0.0	4.800	0.031	0	0	0	8
PL.247	PL.9284	A	4ACSR	15.12Y	126.0	0.00	-0.02	0.00	0	0	0	100	0.00	0.0	4.803	0.002	0	0	0	0
PL.9285	PL.9284	A	4ACSR	15.12Y	126.0	0.00	-0.02	2.70	2	38	14	94	0.00	0.0	4.871	0.071	0	0	0	8
PL.35693	PL.9285	A	4ACSR	15.12Y	126.0	0.00	-0.02	0.26	0	4	1	97	0.00	0.0	4.876	0.004	0	0	0	1
PD.5260	PL.35693	A	fuse6AMP	15.12Y	126.0	0.00	-0.02	0.26	5	4	1	97	0.00	0.0	4.876	0.000	0	0	0	1
PL.35694	PD.5260	A	4ACSR	15.12Y	126.0	0.00	-0.02	0.26	0	4	1	97	0.00	0.0	4.995	0.120	0	0	0	1
111602	PL.35694	A	Consumer	15.12Y	126.0	0.00	-0.02	0.26	0	4	1	97	0.00	0.0	4.995	0.000	4	1	1	1
PL.9286	PL.9285	A	4ACSR	15.12Y	126.0	0.02	0.00	2.44	2	35	12	95	0.01	0.0	5.252	0.380	0	0	0	7
PL.41188	PL.9286	A	4ACSR	15.12Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	5.253	0.002	0	0	0	0
PL.41190	PL.41188	A	4ACSR	15.12Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	5.255	0.002	0	0	0	0
PL.41192	PL.41190	A	4ACSR	15.12Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	5.261	0.006	0	0	0	0
PD.7356-B	PL.41192	A	Open	15.12Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	5.261	0.000	0	0	0	0
PL.9512	PL.9286	A	4ACSR	15.12Y	126.0	0.00	0.00	2.44	2	35	12	95	0.00	0.0	5.255	0.003	0	0	0	7
PL.35695	PL.9512	A	4ACSR	15.12Y	126.0	0.00	0.00	0.64	1	9	3	95	0.00	0.0	5.261	0.006	0	0	0	1
PD.5261	PL.35695	A	fuse6AMP	15.12Y	126.0	0.00	0.00	0.64	11	9	3	95	0.00	0.0	5.261	0.000	0	0	0	1
PL.35696	PD.5261	A	4ACSR	15.12Y	126.0	0.00	0.01	0.64	1	9	3	95	0.00	0.0	5.443	0.182	0	0	0	1
PL.36494	PL.35696	A	4ACSR	15.12Y	126.0	0.00	0.01	0.64	1	9	3	95	0.00	0.0	5.488	0.045	0	0	0	1
PL.36495	PL.36494	A	4ACSR	15.12Y	126.0	0.00	0.01	0.64	1	9	3	95	0.00	0.0	5.565	0.078	0	0	0	1
111613	PL.36495	A	Consumer	15.12Y	126.0	0.00	0.01	0.64	0	9	3	95	0.00	0.0	5.565	0.000	9	3	1	1
PL.9513	PL.9512	A	4ACSR	15.12Y	126.0	0.01	0.01	1.79	2	26	9	94	0.00	0.0	5.380	0.125	0	0	0	6
111607	PL.9513	A	Consumer	15.12Y	126.0	0.00	0.01	0.00	0	0	0	100	0.00	0.0	5.380	0.000	0	0	1	1
PL.35698	PL.9513	A	4ACSR	15.12Y	126.0	0.01	0.02	1.79	2	26	9	94	0.00	0.0	5.647	0.267	0	0	0	5
PL.35701	PL.35698	A	4ACSR	15.12Y	126.0	0.00	0.02	0.39	0	6	2	95	0.00	0.0	5.651	0.004	0	0	0	1
PD.5262	PL.35701	A	fuse6AMP	15.12Y	126.0	0.00	0.02	0.39	7	6	2	95	0.00	0.0	5.651	0.000	0	0	0	1
PL.35700	PD.5262	A	4ACSR	15.12Y	126.0	0.00	0.02	0.39	0	6	2	95	0.00	0.0	5.694	0.043	0	0	0	1
111616	PL.35700	A	Consumer	15.12Y	126.0	0.00	0.02	0.39	0	6	2	95	0.00	0.0	5.694	0.000	6	2	1	1
PL.35699	PL.35698	A	4ACSR	15.12Y	126.0	0.00	0.02	1.40	1	20	7	94	0.00	0.0	5.727	0.081	0	0	0	4
PL.35702	PL.35699	A	4ACSR	15.12Y	126.0	0.00	0.02	0.16	0	2	1	89	0.00	0.0	5.731	0.004	0	0	0	1

Unbalanced Voltage Drop Report
Source: THREE FORKS

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			
PD.5263	PL.35702	A	fuse6AMP	15.12Y	126.0	0.00	0.02	0.16	3	2	1	89	0.00	0.0	5.731	0.000	0	0	0	1	
PL.35703	PD.5263	A	4ACSR	15.12Y	126.0	0.00	0.02	0.16	0	2	1	89	0.00	0.0	5.763	0.032	0	0	0	1	
111609	PL.35703	A	Consumer	15.12Y	126.0	0.00	0.02	0.16	0	2	1	89	0.00	0.0	5.763	0.000	2	1	1	1	
PL.9516	PL.35699	A	4ACSR	15.12Y	126.0	0.00	0.02	1.24	1	18	6	95	0.00	0.0	5.831	0.103	0	0	0	3	
PL.9514	PL.9516	A	4ACSR	15.12Y	126.0	0.00	0.03	0.73	1	10	4	93	0.00	0.0	5.880	0.049	0	0	0	2	
111615	PL.9514	A	Consumer	15.12Y	126.0	0.00	0.03	0.04	0	1	0	100	0.00	0.0	5.880	0.000	1	0	1	1	
111608	PL.9514	A	Consumer	15.12Y	126.0	0.00	0.03	0.68	0	10	3	96	0.00	0.0	5.880	0.000	10	3	1	1	
PL.35704	PL.9516	A	4ACSR	15.12Y	126.0	0.00	0.02	0.51	0	7	3	92	0.00	0.0	5.834	0.004	0	0	0	1	
PD.5264	PL.35704	A	fuse6AMP	15.12Y	126.0	0.00	0.02	0.51	9	7	3	92	0.00	0.0	5.834	0.000	0	0	0	1	
PL.35705	PD.5264	A	4ACSR	15.12Y	126.0	0.00	0.03	0.51	0	7	3	92	0.00	0.0	5.916	0.081	0	0	0	1	
111610	PL.35705	A	Consumer	15.12Y	126.0	0.00	0.03	0.51	0	7	3	92	0.00	0.0	5.916	0.000	7	3	1	1	
PL.17750	PL.9283	A	4ACSR	15.12Y	126.0	0.00	-0.02	0.00	0	0	0	100	0.00	0.0	4.782	0.012	0	0	0	1	
PD.783-A	PL.17750	A	Closed	15.12Y	126.0	0.00	-0.02	0.00	0	0	0	100	0.00	0.0	4.782	0.000	0	0	0	1	
PD.783-B	PD.783-A	A	Closed	15.12Y	126.0	0.00	-0.02	0.00	0	0	0	100	0.00	0.0	4.782	0.000	0	0	0	1	
PL.35692	PD.783-B	A	4ACSR	15.12Y	126.0	0.00	-0.02	0.00	0	0	0	100	0.00	0.0	4.828	0.046	0	0	0	1	
PD.5259	PL.35692	A	fuse6AMP	15.12Y	126.0	0.00	-0.02	0.00	0	0	0	100	0.00	0.0	4.828	0.000	0	0	0	1	
PL.35691	PD.5259	A	4ACSR	15.12Y	126.0	0.00	-0.02	0.00	0	0	0	100	0.00	0.0	4.838	0.010	0	0	0	1	
PL.8346	PL.35691	A	4ACSR	15.12Y	126.0	0.00	-0.02	0.00	0	0	0	100	0.00	0.0	4.982	0.144	0	0	0	1	
PL.8485	PL.8346	A	4ACSR	15.12Y	126.0	0.00	-0.02	0.00	0	0	0	100	0.00	0.0	5.040	0.058	0	0	0	1	
111516	PL.8485	A	Consumer	15.12Y	126.0	0.00	-0.02	0.00	0	0	0	100	0.00	0.0	5.040	0.000	0	0	1	1	
111614	PL.35691	A	Consumer	15.12Y	126.0	0.00	-0.02	0.00	0	0	0	100	0.00	0.0	4.838	0.000	0	0	0	0	
PL.12	PL.9281	A B C	1/0ACSR	15.12Y 14.94Y 14.66Y	126.0 124.5 122.2	0.01 0.13 0.29	-0.01 1.52 3.82	16.56 19.97 45.52	8 10 23	236 280 628	85 103 229	94 94 94	1.47 0.1	0.1	5.298	0.581	0 0 0	0 0 0	0 0 0	37 48 140	
PL.21811	PL.12	C	4ACSR	14.66Y	122.2	0.01	3.83	19.64	17	271	98	94	0.02	0.0	5.316	0.018	0	0	0	65	
C PD.42	PL.21811	C	fuse6AMP	14.66Y	122.2	0.00	3.83	19.64	335	271	98	94	0.00	0.0	5.316	0.000	0	0	0	65 C	
PL.16783	PD.42	C	4ACSR	14.65Y	122.1	0.07	3.90	19.64	17	271	98	94	0.14	0.1	5.473	0.157	0	0	0	65	
PL.150	PL.16783	C	4ACSR	14.65Y	122.1	0.00	3.90	0.00	0	0	0	100	0.00	0.0	5.474	0.001	0	0	0	0	
PL.9517	PL.16783	C	4ACSR	14.63Y	121.9	0.16	4.06	19.64	17	271	98	94	0.33	0.1	5.831	0.358	0	0	0	65	
PL.28317	PL.9517	C	4ACSR	14.63Y	121.9	0.02	4.08	19.31	16	266	96	94	0.04	0.0	5.879	0.048	0	0	0	64	
PL.22362	PL.28317	C	4ACSR	14.63Y	121.9	0.01	4.09	19.02	16	262	94	94	0.02	0.0	5.901	0.022	0	0	0	63	
PL.21664	PL.22362	C	4ACSR	14.60Y	121.7	0.26	4.35	19.02	16	262	94	94	0.51	0.2	6.491	0.590	0	0	0	63	
C PD.763	PL.21664	C	fuse6AMP	14.60Y	121.7	0.00	4.35	19.02	325	261	94	94	0.00	0.0	6.491	0.000	0	0	0	63 C	
PL.17547	PD.763	C	4ACSR	14.60Y	121.6	0.02	4.37	19.02	16	261	94	94	0.05	0.0	6.544	0.053	0	0	0	63	
PL.10273	PL.17547	C	4ACSR	14.58Y	121.5	0.11	4.48	18.80	16	258	93	94	0.21	0.1	6.792	0.248	0	0	0	61	
PL.22686	PL.10273	C	4ACSR	14.58Y	121.5	0.00	4.48	1.30	1	18	6	95	0.00	0.0	6.935	0.143	0	0	0	3	
111701	PL.22686	C	Consumer	14.58Y	121.5	0.00	4.48	0.68	0	9	3	95	0.00	0.0	6.935	0.000	9	3	1	1	
PL.22687	PL.22686	C	4ACSR	14.58Y	121.5	0.00	4.48	0.62	1	9	3	95	0.00	0.0	7.027	0.092	0	0	0	2	
111737	PL.22687	C	Consumer	14.58Y	121.5	0.00	4.48	0.61	0	8	3	94	0.00	0.0	7.027	0.000	8	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: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
1117051	PL.22687	C	Consumer	14.58Y	121.5	0.00	4.48	0.01	0	0	0	100	0.00	0.0	7.027	0.000	0	0	1	1
PL.10274	PL.10273	C	4ACSR	14.57Y	121.4	0.08	4.55	17.50	15	240	86	94	0.14	0.1	6.989	0.197	0	0	0	58
PL.16796	PL.10274	C	4ACSR	14.57Y	121.4	0.00	4.56	17.21	14	236	85	94	0.01	0.0	6.996	0.007	0	0	0	56
PD.31-A	PL.16796	C	Closed	14.57Y	121.4	0.00	4.56	17.21	0	236	85	94	0.00	0.0	6.996	0.000	0	0	0	56
PD.31-B	PD.31-A	C	Closed	14.57Y	121.4	0.00	4.56	17.21	0	236	85	94	0.00	0.0	6.996	0.000	0	0	0	56
PL.16797	PD.31-B	C	4ACSR	14.57Y	121.4	0.05	4.61	17.21	14	236	85	94	0.09	0.0	7.124	0.128	0	0	0	56
111702	PL.16797	C	Consumer	14.57Y	121.4	0.00	4.61	1.01	0	14	5	94	0.00	0.0	7.124	0.000	14	5	1	1
PL.10275	PL.16797	C	4ACSR	14.56Y	121.4	0.02	4.63	16.20	14	222	80	94	0.04	0.0	7.185	0.061	0	0	0	55
PL.22673	PL.10275	C	4ACSR	14.56Y	121.4	0.00	4.63	0.64	1	9	3	95	0.00	0.0	7.496	0.311	0	0	0	1
PL.22920	PL.22673	C	4ACSR	14.56Y	121.4	0.00	4.64	0.64	1	9	3	95	0.00	0.0	7.647	0.151	0	0	0	1
112723	PL.22920	C	Consumer	14.56Y	121.4	0.00	4.64	0.64	0	9	3	95	0.00	0.0	7.647	0.000	9	3	1	1
PL.22679	PL.10275	C	4ACSR	14.56Y	121.4	0.00	4.63	0.00	0	0	0	100	0.00	0.0	7.300	0.115	0	0	0	1
PL.22680	PL.22679	C	4ACSR	14.56Y	121.4	0.00	4.63	0.00	0	0	0	100	0.00	0.0	7.400	0.100	0	0	0	1
111703	PL.22680	C	Consumer	14.56Y	121.4	0.00	4.63	0.00	0	0	0	100	0.00	0.0	7.400	0.000	0	0	1	1
111741	PL.22679	C	Consumer	14.56Y	121.4	0.00	4.63	0.00	0	0	0	100	0.00	0.0	7.300	0.000	0	0	0	0
PL.16794	PL.10275	C	4ACSR	14.56Y	121.4	0.01	4.64	15.56	13	213	77	94	0.01	0.0	7.200	0.015	0	0	0	53
C PD.764	PL.16794	C	fuse6AMP	14.56Y	121.4	0.00	4.64	15.56	266	213	77	94	0.00	0.0	7.200	0.000	0	0	0	53 C
PL.16795	PD.764	C	4ACSR	14.56Y	121.3	0.04	4.67	15.56	13	213	77	94	0.06	0.0	7.305	0.105	0	0	0	53
PL.10276	PL.16795	C	4ACSR	14.55Y	121.3	0.06	4.74	14.65	12	201	72	94	0.10	0.0	7.499	0.194	0	0	0	48
PL.10277	PL.10276	C	4ACSR	14.55Y	121.2	0.03	4.77	14.65	12	201	72	94	0.05	0.0	7.595	0.097	0	0	0	48
PL.22681	PL.10277	C	4ACSR	14.55Y	121.2	0.00	4.77	0.80	1	11	4	94	0.00	0.0	7.677	0.081	0	0	0	2
PL.22683	PL.22681	C	4ACSR	14.55Y	121.2	0.00	4.77	0.80	1	11	4	94	0.00	0.0	7.721	0.044	0	0	0	2
1117052	PL.22683	C	Consumer	14.55Y	121.2	0.00	4.77	0.00	0	0	0	100	0.00	0.0	7.721	0.000	0	0	0	0
111734	PL.22683	C	Consumer	14.55Y	121.2	0.00	4.77	0.00	0	0	0	100	0.00	0.0	7.721	0.000	0	0	0	0
PL.22684	PL.22683	C	4ACSR	14.55Y	121.2	0.00	4.78	0.80	1	11	4	94	0.00	0.0	7.963	0.242	0	0	0	2
111730	PL.22684	C	Consumer	14.55Y	121.2	0.00	4.78	0.04	0	1	0	100	0.00	0.0	7.963	0.000	1	0	1	1
111729	PL.22684	C	Consumer	14.55Y	121.2	0.00	4.78	0.76	0	10	4	93	0.00	0.0	7.963	0.000	10	4	1	1
111706	PL.22681	C	Consumer	14.55Y	121.2	0.00	4.77	0.00	0	0	0	100	0.00	0.0	7.677	0.000	0	0	0	0
PL.10278	PL.10277	C	4ACSR	14.54Y	121.2	0.03	4.80	13.85	12	190	68	94	0.04	0.0	7.683	0.088	0	0	0	46
PL.10279	PL.10278	C	4ACSR	14.54Y	121.1	0.07	4.87	13.85	12	190	68	94	0.10	0.1	7.898	0.214	0	0	0	45
111750	PL.10279	C	Consumer	14.54Y	121.1	0.00	4.87	0.44	0	6	2	95	0.00	0.0	7.898	0.000	6	2	1	1
PL.10280	PL.10279	C	4ACSR	14.53Y	121.1	0.04	4.90	13.41	11	184	66	94	0.05	0.0	8.021	0.123	0	0	0	44
PL.16792	PL.10280	C	4ACSR	14.53Y	121.1	0.03	4.93	12.55	11	172	62	94	0.04	0.0	8.128	0.107	0	0	0	43
C PD.765	PL.16792	C	fuse6AMP	14.53Y	121.1	0.00	4.93	12.55	214	172	62	94	0.00	0.0	8.128	0.000	0	0	0	43 C
PL.16793	PD.765	C	4ACSR	14.53Y	121.1	0.00	4.94	12.55	11	172	62	94	0.00	0.0	8.141	0.013	0	0	0	43
PL.17543	PL.16793	C	4ACSR	14.53Y	121.1	0.01	4.95	12.46	10	170	61	94	0.01	0.0	8.174	0.034	0	0	0	40
PD.2141	PL.17543	C	25E	14.53Y	121.1	0.00	4.95	12.46	50	170	61	94	0.00	0.0	8.174	0.000	0	0	0	40
PL.17544	PD.2141	C	4ACSR	14.53Y	121.1	0.00	4.95	12.46	10	170	61	94	0.00	0.0	8.180	0.006	0	0	0	40

Unbalanced Voltage Drop Report
Source: THREE FORKS

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: THREE FORKS

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 PL.10239, PL.10238, PL.10237, etc.

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.22376	PL.22375	C	4ACSR	14.50Y	120.8	0.00	5.20	0.00	0	0	0	100	0.00	0.0	11.008	0.059	0	0	0	1
110907	PL.22376	C	Consumer	14.50Y	120.8	0.00	5.20	0.00	0	0	0	100	0.00	0.0	11.008	0.000	0	0	1	1
110912	PL.22375	C	Consumer	14.50Y	120.8	0.00	5.20	0.33	0	5	2	93	0.00	0.0	10.949	0.000	5	2	1	1
PL.10248	PL.10247	C	4ACSR	14.50Y	120.8	0.00	5.20	1.74	1	24	8	95	0.00	0.0	10.383	0.067	0	0	0	8
PL.5071	PL.10248	C	4ACSR	14.50Y	120.8	0.00	5.20	1.45	1	20	7	94	0.00	0.0	10.487	0.104	0	0	0	7
111807	PL.5071	C	Consumer	14.50Y	120.8	0.00	5.20	0.32	0	4	2	89	0.00	0.0	10.487	0.000	4	2	1	1
PL.16784	PL.5071	C	4ACSR	14.50Y	120.8	0.00	5.20	1.13	1	15	6	93	0.00	0.0	10.498	0.011	0	0	0	6
PD.36-A	PL.16784	C	Closed	14.50Y	120.8	0.00	5.20	1.13	0	15	6	93	0.00	0.0	10.498	0.000	0	0	0	6
PD.36-B	PD.36-A	C	Closed	14.50Y	120.8	0.00	5.20	1.13	0	15	6	93	0.00	0.0	10.498	0.000	0	0	0	6
PL.16785	PD.36-B	C	4ACSR	14.50Y	120.8	0.00	5.20	1.13	1	15	6	93	0.00	0.0	10.533	0.034	0	0	0	6
PL.21816	PL.16785	C	4ACSR	14.50Y	120.8	0.00	5.20	0.57	0	8	3	94	0.00	0.0	10.545	0.012	0	0	0	1
PD.35-A	PL.21816	C	Closed	14.50Y	120.8	0.00	5.20	0.57	0	8	3	94	0.00	0.0	10.545	0.000	0	0	0	1
PD.35-B	PD.35-A	C	Closed	14.50Y	120.8	0.00	5.20	0.57	0	8	3	94	0.00	0.0	10.545	0.000	0	0	0	1
PL.21817	PD.35-B	C	4ACSR	14.50Y	120.8	0.00	5.20	0.57	0	8	3	94	0.00	0.0	10.614	0.069	0	0	0	1
PL.22928	PL.21817	C	4ACSR	14.50Y	120.8	0.00	5.20	0.57	0	8	3	94	0.00	0.0	10.647	0.033	0	0	0	1
111809	PL.22928	C	Consumer	14.50Y	120.8	0.00	5.20	0.57	0	8	3	94	0.00	0.0	10.647	0.000	8	3	1	1
PL.10249	PL.16785	C	4ACSR	14.50Y	120.8	0.00	5.20	0.56	0	8	3	94	0.00	0.0	10.742	0.209	0	0	0	5
110803	PL.10249	C	Consumer	14.50Y	120.8	0.00	5.20	0.10	0	1	0	100	0.00	0.0	10.742	0.000	1	0	1	1
PL.10250	PL.10249	C	4ACSR	14.50Y	120.8	0.00	5.21	0.46	0	6	2	95	0.00	0.0	10.926	0.183	0	0	0	4
PL.22930	PL.10250	C	4ACSR	14.50Y	120.8	0.00	5.21	0.20	0	3	1	95	0.00	0.0	11.026	0.101	0	0	0	2
111810	PL.22930	C	Consumer	14.50Y	120.8	0.00	5.21	0.03	0	0	0	100	0.00	0.0	11.026	0.000	0	0	1	1
111816	PL.22930	C	Consumer	14.50Y	120.8	0.00	5.21	0.16	0	2	1	89	0.00	0.0	11.026	0.000	2	1	1	1
PL.10251	PL.10250	C	4ACSR	14.50Y	120.8	0.00	5.21	0.26	0	4	1	97	0.00	0.0	11.110	0.184	0	0	0	2
111818	PL.10251	C	Consumer	14.50Y	120.8	0.00	5.21	0.02	0	0	0	100	0.00	0.0	11.110	0.000	0	0	1	1
111813	PL.10251	C	Consumer	14.50Y	120.8	0.00	5.21	0.00	0	0	0	100	0.00	0.0	11.110	0.000	0	0	0	0
PL.5070	PL.10251	C	4ACSR	14.50Y	120.8	0.00	5.21	0.24	0	3	1	95	0.00	0.0	11.238	0.128	0	0	0	1
111814	PL.5070	C	Consumer	14.50Y	120.8	0.00	5.21	0.24	0	3	1	95	0.00	0.0	11.238	0.000	3	1	1	1
111905	PL.10248	C	Consumer	14.50Y	120.8	0.00	5.20	0.29	0	4	1	97	0.00	0.0	10.383	0.000	4	1	1	1
PL.21824	PL.10247	C	4ACSR	14.50Y	120.8	0.00	5.19	0.00	0	0	0	100	0.00	0.0	10.560	0.245	0	0	0	0
PL.21825	PL.21824	C	4ACSR	14.50Y	120.8	0.00	5.19	0.00	0	0	0	100	0.00	0.0	10.741	0.181	0	0	0	0
PL.22929	PL.21825	C	4ACSR	14.50Y	120.8	0.00	5.19	0.00	0	0	0	100	0.00	0.0	10.878	0.137	0	0	0	0
111901	PL.21824	C	Consumer	14.50Y	120.8	0.00	5.19	0.00	0	0	0	100	0.00	0.0	10.560	0.000	0	0	0	0
PL.22925	PL.10246	C	4ACSR	14.50Y	120.8	0.00	5.19	0.94	1	13	5	93	0.00	0.0	10.319	0.116	0	0	0	4
111903	PL.22925	C	Consumer	14.50Y	120.8	0.00	5.19	0.04	0	1	0	100	0.00	0.0	10.319	0.000	1	0	1	1
PL.22926	PL.22925	C	4ACSR	14.50Y	120.8	0.00	5.19	0.55	0	8	3	94	0.00	0.0	10.391	0.072	0	0	0	1
PL.22927	PL.22926	C	4ACSR	14.50Y	120.8	0.00	5.19	0.55	0	8	3	94	0.00	0.0	10.461	0.070	0	0	0	1
111819	PL.22927	C	Consumer	14.50Y	120.8	0.00	5.19	0.55	0	8	3	94	0.00	0.0	10.461	0.000	8	3	1	1
111906	PL.22926	C	Consumer	14.50Y	120.8	0.00	5.19	0.00	0	0	0	100	0.00	0.0	10.391	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.22371	PL.22925	C	4ACSR	14.50Y	120.8	0.00	5.19	0.35	0	5	2	93	0.00	0.0	10.377	0.059	0	0	0	2
PL.22372	PL.22371	C	4ACSR	14.50Y	120.8	0.00	5.19	0.35	0	5	2	93	0.00	0.0	10.823	0.446	0	0	0	1
111907	PL.22372	C	Consumer	14.50Y	120.8	0.00	5.19	0.35	0	5	2	93	0.00	0.0	10.823	0.000	5	2	1	1
111908	PL.22371	C	Consumer	14.50Y	120.8	0.00	5.19	0.00	0	0	0	100	0.00	0.0	10.377	0.000	0	0	1	1
PL.252	PL.10244	C	4ACSR	14.50Y	120.9	0.00	5.15	0.66	1	9	3	95	0.00	0.0	9.705	0.083	0	0	0	2
111815	PL.252	C	Consumer	14.50Y	120.9	0.00	5.15	0.03	0	0	0	100	0.00	0.0	9.705	0.000	0	0	1	1
PL.253	PL.252	C	4ACSR	14.50Y	120.9	0.00	5.15	0.64	1	9	3	95	0.00	0.0	9.760	0.055	0	0	0	1
111811	PL.253	C	Consumer	14.50Y	120.9	0.00	5.15	0.64	0	9	3	95	0.00	0.0	9.760	0.000	9	3	1	1
PL.10242	PL.17549	C	4ACSR	14.50Y	120.9	0.00	5.14	0.23	0	3	1	95	0.00	0.0	9.846	0.287	0	0	0	1
PL.22922	PL.10242	C	4ACSR	14.50Y	120.9	0.00	5.14	0.23	0	3	1	95	0.00	0.0	9.933	0.087	0	0	0	1
112802	PL.22922	C	Consumer	14.50Y	120.9	0.00	5.14	0.23	0	3	1	95	0.00	0.0	9.933	0.000	3	1	1	1
112803	PL.22922	C	Consumer	14.50Y	120.9	0.00	5.14	0.00	0	0	0	100	0.00	0.0	9.933	0.000	0	0	0	0
PL.10243	PL.10242	C	4ACSR	14.50Y	120.9	0.00	5.14	0.00	0	0	0	100	0.00	0.0	9.933	0.086	0	0	0	0
112912	PL.10243	C	Consumer	14.50Y	120.9	0.00	5.14	0.00	0	0	0	100	0.00	0.0	9.933	0.000	0	0	0	0
PL.5072	PL.10243	C	4ACSR	14.50Y	120.9	0.00	5.14	0.00	0	0	0	100	0.00	0.0	10.184	0.252	0	0	0	0
112908	PL.5072	C	Consumer	14.50Y	120.9	0.00	5.14	0.00	0	0	0	100	0.00	0.0	10.184	0.000	0	0	0	0
111804	PL.17549	C	Consumer	14.50Y	120.9	0.00	5.14	0.74	0	10	4	93	0.00	0.0	9.559	0.000	10	4	1	1
111820	PL.17549	C	Consumer	14.50Y	120.9	0.00	5.14	0.00	0	0	0	100	0.00	0.0	9.559	0.000	0	0	1	1
111823	PL.17549	C	Consumer	14.50Y	120.9	0.00	5.14	0.02	0	0	0	100	0.00	0.0	9.559	0.000	0	0	1	1
112801	PL.17546	C	Consumer	14.51Y	120.9	0.00	5.07	0.44	0	6	2	95	0.00	0.0	8.988	0.000	6	2	1	1
111735	PL.10253	C	Consumer	14.52Y	121.0	0.00	4.97	0.00	0	0	0	100	0.00	0.0	8.244	0.000	0	0	1	1
PL.22678	PL.16793	C	4ACSR	14.53Y	121.1	0.00	4.94	0.09	0	1	1	71	0.00	0.0	8.272	0.131	0	0	0	3
PL.22373	PL.22678	C	4ACSR	14.53Y	121.1	0.00	4.94	0.09	0	1	1	71	0.00	0.0	8.454	0.182	0	0	0	3
111801	PL.22373	C	Consumer	14.53Y	121.1	0.00	4.94	0.08	0	1	1	71	0.00	0.0	8.454	0.000	1	0	1	2
111822	111801	C	Consumer	14.53Y	121.1	0.00	4.94	0.03	0	0	0	100	0.00	0.0	8.454	0.000	0	0	1	1
PL.22374	PL.22373	C	4ACSR	14.53Y	121.1	0.00	4.94	0.01	0	0	0	100	0.00	0.0	8.534	0.080	0	0	0	1
PL.22931	PL.22374	C	4ACSR	14.53Y	121.1	0.00	4.94	0.01	0	0	0	100	0.00	0.0	8.583	0.049	0	0	0	1
111812	PL.22931	C	Consumer	14.53Y	121.1	0.00	4.94	0.01	0	0	0	100	0.00	0.0	8.583	0.000	0	0	1	1
PL.22688	PL.10280	C	4ACSR	14.53Y	121.1	0.00	4.90	0.86	1	12	4	95	0.00	0.0	8.089	0.068	0	0	0	1
111743	PL.22688	C	Consumer	14.53Y	121.1	0.00	4.90	0.86	0	12	4	95	0.00	0.0	8.089	0.000	12	4	1	1
PL.22682	PL.10278	C	4ACSR	14.54Y	121.2	0.00	4.80	0.00	0	0	0	100	0.00	0.0	7.855	0.172	0	0	0	1
111714	PL.22682	C	Consumer	14.54Y	121.2	0.00	4.80	0.00	0	0	0	100	0.00	0.0	7.855	0.000	0	0	1	1
PL.21565	PL.16795	C	4ACSR	14.56Y	121.3	0.00	4.67	0.91	1	12	5	92	0.00	0.0	7.399	0.094	0	0	0	5
PL.21566	PL.21565	C	4ACSR	14.56Y	121.3	0.00	4.68	0.30	0	4	1	97	0.00	0.0	7.475	0.076	0	0	0	2
PL.22675	PL.21566	C	4ACSR	14.56Y	121.3	0.00	4.68	0.11	0	1	1	71	0.00	0.0	7.523	0.049	0	0	0	1
111742	PL.22675	C	Consumer	14.56Y	121.3	0.00	4.68	0.11	0	1	1	71	0.00	0.0	7.523	0.000	1	1	1	1
111705	PL.21566	C	Consumer	14.56Y	121.3	0.00	4.68	0.19	0	3	1	95	0.00	0.0	7.475	0.000	3	1	1	1
PL.22674	PL.21565	C	4ACSR	14.56Y	121.3	0.00	4.68	0.61	1	8	3	94	0.00	0.0	7.466	0.067	0	0	0	3

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.36763	PL.22674	C	2ACSR	14.56Y	121.3	0.00	4.68	0.49	0	7	2	96	0.00	0.0	7.483	0.017	0	0	0	2
1117055	PL.36763	C	Consumer	14.56Y	121.3	0.00	4.68	0.00	0	0	0	100	0.00	0.0	7.483	0.000	0	0	1	1
1117054	PL.36763	C	Consumer	14.56Y	121.3	0.00	4.68	0.49	0	7	2	96	0.00	0.0	7.483	0.000	7	2	1	1
PL.22676	PL.22674	C	4ACSR	14.56Y	121.3	0.00	4.68	0.12	0	2	1	89	0.00	0.0	7.563	0.097	0	0	0	1
111747	PL.22676	C	Consumer	14.56Y	121.3	0.00	4.68	0.12	0	2	1	89	0.00	0.0	7.563	0.000	2	1	1	1
PL.22685	PL.10274	C	4ACSR	14.57Y	121.4	0.00	4.56	0.30	0	4	1	97	0.00	0.0	7.089	0.100	0	0	0	2
111732	PL.22685	C	Consumer	14.57Y	121.4	0.00	4.56	0.00	0	0	0	100	0.00	0.0	7.089	0.000	0	0	1	1
111719	PL.22685	C	Consumer	14.57Y	121.4	0.00	4.56	0.30	0	4	1	97	0.00	0.0	7.089	0.000	4	1	1	1
111611	PL.17547	C	Consumer	14.60Y	121.6	0.00	4.37	0.08	0	1	0	100	0.00	0.0	6.544	0.000	1	0	1	1
PL.9518	PL.17547	C	4ACSR	14.60Y	121.6	0.00	4.37	0.13	0	2	1	89	0.00	0.0	6.615	0.071	0	0	0	1
PL.21812	PL.9518	C	4ACSR	14.60Y	121.6	0.00	4.37	0.13	0	2	1	89	0.00	0.0	6.627	0.012	0	0	0	1
PL.21813	PL.21812	C	4ACSR	14.60Y	121.6	0.00	4.37	0.13	0	2	1	89	0.00	0.0	6.671	0.045	0	0	0	1
110606	PL.21813	C	Consumer	14.60Y	121.6	0.00	4.37	0.13	0	2	1	89	0.00	0.0	6.671	0.000	2	1	1	1
PL.41078	PL.9518	C	4ACSR	14.60Y	121.6	0.00	4.37	0.00	0	0	0	100	0.00	0.0	6.632	0.017	0	0	0	0
PD.7352-B	PL.41078	C	Open	14.60Y	121.6	0.00	4.37	0.00	0	0	0	100	0.00	0.0	6.632	0.000	0	0	0	0
PL.21814	PL.22362	C	4ACSR	14.63Y	121.9	0.00	4.09	0.00	0	0	0	100	0.00	0.0	5.939	0.038	0	0	0	0
PD.30-A	PL.21814	C	Closed	14.63Y	121.9	0.00	4.09	0.00	0	0	0	100	0.00	0.0	5.939	0.000	0	0	0	0
PD.30-B	PD.30-A	C	Closed	14.63Y	121.9	0.00	4.09	0.00	0	0	0	100	0.00	0.0	5.939	0.000	0	0	0	0
PL.41191	PD.30-B	C	4ACSR	14.63Y	121.9	0.00	4.09	0.00	0	0	0	100	0.00	0.0	6.319	0.380	0	0	0	0
PD.7356-A	PL.41191	C	Open	14.63Y	121.9	0.00	4.09	0.00	0	0	0	100	0.00	0.0	6.319	0.000	0	0	0	0
111601	PL.28317	C	Consumer	14.63Y	121.9	0.00	4.08	0.29	0	4	1	97	0.00	0.0	5.879	0.000	4	1	1	1
PL.28318	PL.9517	C	4ACSR	14.63Y	121.9	0.00	4.06	0.33	0	5	2	93	0.00	0.0	6.032	0.201	0	0	0	1
PL.22695	PL.28318	C	4ACSR	14.63Y	121.9	0.00	4.06	0.00	0	0	0	100	0.00	0.0	6.187	0.155	0	0	0	0
110608	PL.22695	C	Consumer	14.63Y	121.9	0.00	4.06	0.00	0	0	0	100	0.00	0.0	6.187	0.000	0	0	0	0
PL.22015	PL.28318	C	4ACSR	14.63Y	121.9	0.00	4.06	0.33	0	5	2	93	0.00	0.0	6.065	0.033	0	0	0	1
110602	PL.22015	C	Consumer	14.63Y	121.9	0.00	4.06	0.33	0	5	2	93	0.00	0.0	6.065	0.000	5	2	1	1
PL.9394	PL.12	A	1/0ACSR	15.12Y	126.0	0.01	-0.01	15.31	8	218	78	94	0.11	0.0	5.397	0.098	0	0	0	33
		B		14.94Y	124.5	0.02	1.54	19.97	10	280	103	94					0	0	0	48
		C		14.66Y	122.2	0.02	3.85	25.88	13	356	130	94					0	0	0	75
PL.9395	PL.9394	A	1/0ACSR	15.12Y	126.0	0.01	0.01	14.07	7	200	72	94	0.19	0.0	5.571	0.174	0	0	0	27
		B		14.93Y	124.4	0.04	1.58	19.97	10	280	103	94					0	0	0	48
		C		14.65Y	122.1	0.04	3.89	25.88	13	356	130	94					0	0	0	75
PL.5345	PL.9395	A	1/0ACSR	15.12Y	126.0	0.00	0.01	14.07	7	200	72	94	0.06	0.0	5.627	0.057	0	0	0	27
		B		14.93Y	124.4	0.01	1.59	19.58	10	274	101	94					0	0	0	47
		C		14.65Y	122.1	0.01	3.90	25.88	13	356	130	94					0	0	0	75
PL.9391	PL.5345	A	1/0ACSR	15.12Y	126.0	0.00	0.02	14.07	7	200	72	94	0.02	0.0	5.649	0.021	0	0	0	27
		B		14.93Y	124.4	0.00	1.60	19.58	10	274	101	94					0	0	0	47
		C		14.65Y	122.1	0.01	3.91	25.88	13	356	130	94					0	0	0	75
PL.9392	PL.9391	A	1/0ACSR	15.12Y	126.0	0.00	0.02	14.07	7	200	72	94	0.04	0.0	5.686	0.037	0	0	0	27
		B		14.93Y	124.4	0.01	1.60	19.58	10	274	101	94					0	0	0	47
		C		14.65Y	122.1	0.01	3.92	25.88	13	356	130	94					0	0	0	75
PL.30925	PL.9392	A	1/0ACSR	15.12Y	126.0	0.00	0.02	14.07	7	200	72	94	0.00	0.0	5.690	0.004	0	0	0	27
		B		14.93Y	124.4	0.00	1.60	19.58	10	274	101	94					0	0	0	47
		C		14.65Y	122.1	0.00	3.92	25.88	13	356	130	94					0	0	0	74

Unbalanced Voltage Drop Report
Source: THREE FORKS

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, On, Thru), Cons On, Cons Thru. Includes data for elements like RG.1, PL.35615, PL.35616, PL.199, PL.9389, PL.16661, PD.2825, PL.16662, 537605, 536602, 536601, 537602, 537604, PL.16664, PD.2823, PL.16663, 536701, 536702, PL.9390, PL.16668, PD.2824, PL.16665, 536604, 535602, 535606, 535605, PL.19126, PL.19125, PL.16667, 535516.

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: THREE FORKS

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 536501, PL.30828, PD.186-B, etc.

Unbalanced Voltage Drop Report
Source: THREE FORKS

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 and Base Voltage:120.0-

Unbalanced Voltage Drop Report
Source: THREE FORKS

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.186-A, 535505, etc.

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.9443	PL.9442	A	397ACSR	15.10Y	125.9	0.00	0.13	4.11	1	58	21	94	0.00	0.0	7.814	0.067	0	0	0	8			
		B		15.10Y	125.8	0.00	0.20	12.95	3	183	68	94	0	0							0	0	31
		C		15.11Y	125.9	-0.00	0.11	1.24	0	18	6	94	0	0							0	0	6
PL.16153	PL.9443	B	4ACSR	15.10Y	125.8	0.01	0.20	2.40	2	34	13	93	0.00	0.0	7.908	0.094	0	0	0	7			
PD.1892	PL.16153	B	fuse6AMP	15.10Y	125.8	0.00	0.20	2.40	41	34	13	93	0.00	0.0	7.908	0.000	0	0	0	7			
PL.16154	PD.1892	B	4ACSR	15.10Y	125.8	0.00	0.21	2.40	2	34	13	93	0.00	0.0	7.928	0.020	0	0	0	7			
PL.21242	PL.16154	B	4ACSR	15.10Y	125.8	0.00	0.21	0.59	0	8	3	94	0.00	0.0	7.994	0.066	0	0	0	1			
058623	PL.21242	B	Consumer	15.10Y	125.8	0.00	0.21	0.59	0	8	3	94	0.00	0.0	7.994	0.000	8	3	1	1			
058618	PL.16154	B	Consumer	15.10Y	125.8	0.00	0.21	0.05	0	1	0	100	0.00	0.0	7.928	0.000	1	0	1	1			
PL.9444	PL.16154	B	4ACSR	15.10Y	125.8	0.00	0.21	1.77	1	25	10	93	0.00	0.0	7.993	0.065	0	0	0	5			
058616	PL.9444	B	Consumer	15.10Y	125.8	0.00	0.21	0.00	0	0	0	100	0.00	0.0	7.993	0.000	0	0	0	0			
PL.9445	PL.9444	B	4ACSR	15.09Y	125.8	0.01	0.22	1.77	1	25	10	93	0.00	0.0	8.323	0.330	0	0	0	5			
PL.22034	PL.9445	B	4ACSR	15.09Y	125.8	0.00	0.22	1.28	1	18	7	93	0.00	0.0	8.391	0.069	0	0	0	4			
PL.22035	PL.22034	B	4ACSR	15.09Y	125.8	0.00	0.22	1.28	1	18	7	93	0.00	0.0	8.427	0.036	0	0	0	4			
PL.22033	PL.22035	B	4ACSR	15.09Y	125.8	0.00	0.22	0.14	0	2	1	89	0.00	0.0	8.537	0.109	0	0	0	1			
058608	PL.22033	B	Consumer	15.09Y	125.8	0.00	0.22	0.14	0	2	1	89	0.00	0.0	8.537	0.000	2	1	1	1			
058617	PL.22033	B	Consumer	15.09Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	8.537	0.000	0	0	0	0			
PL.22032	PL.22035	B	4ACSR	15.09Y	125.8	0.00	0.23	1.14	1	16	6	94	0.00	0.0	8.490	0.063	0	0	0	3			
058610	PL.22032	B	Consumer	15.09Y	125.8	0.00	0.23	0.07	0	1	0	100	0.00	0.0	8.490	0.000	1	0	1	1			
058604	PL.22032	B	Consumer	15.09Y	125.8	0.00	0.23	0.71	0	10	4	93	0.00	0.0	8.490	0.000	10	4	1	1			
058614	PL.22032	B	Consumer	15.09Y	125.8	0.00	0.23	0.36	0	5	2	93	0.00	0.0	8.490	0.000	5	2	1	1			
PL.9446	PL.9445	B	4ACSR	15.09Y	125.8	0.00	0.22	0.49	0	7	2	96	0.00	0.0	8.367	0.044	0	0	0	1			
PL.22036	PL.9446	B	4ACSR	15.09Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	8.471	0.104	0	0	0	0			
PL.21243	PL.22036	B	4ACSR	15.09Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	8.513	0.042	0	0	0	0			
058609	PL.21243	B	Consumer	15.09Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	8.513	0.000	0	0	0	0			
PL.9447	PL.9446	B	4ACSR	15.09Y	125.8	0.00	0.22	0.49	0	7	2	96	0.00	0.0	8.530	0.163	0	0	0	1			
058613	PL.9447	B	Consumer	15.09Y	125.8	0.00	0.22	0.49	0	7	2	96	0.00	0.0	8.530	0.000	7	2	1	1			
PL.9448	PL.9443	A	397ACSR	15.10Y	125.9	0.00	0.13	4.11	1	58	21	94	0.00	0.0	7.867	0.053	0	0	0	8			
		B		15.10Y	125.8	0.00	0.20	10.55	2	149	55	94	0	0							0	24	
		C		15.11Y	125.9	-0.00	0.11	1.24	0	18	6	94	0	0							0	6	
058624	PL.9448	B	Consumer	15.10Y	125.8	0.00	0.20	0.57	0	8	3	94	0.00	0.0	7.867	0.000	8	3	1	1			
058627	PL.9448	B	Consumer	15.10Y	125.8	0.00	0.20	0.03	0	0	0	100	0.00	0.0	7.867	0.000	0	0	1	1			
PL.23219	PL.9448	A	4ACSR	15.10Y	125.9	0.00	0.13	1.19	1	17	6	94	0.00	0.0	7.878	0.011	0	0	0	2			
PD.1893	PL.23219	A	fuse6AMP	15.10Y	125.9	0.00	0.13	1.19	20	17	6	94	0.00	0.0	7.878	0.000	0	0	0	2			
PL.23220	PD.1893	A	4ACSR	15.10Y	125.9	0.00	0.13	1.19	1	17	6	94	0.00	0.0	7.897	0.019	0	0	0	2			
PL.28403	PL.23220	A	4ACSR	15.10Y	125.9	0.00	0.13	0.65	1	9	3	95	0.00	0.0	7.963	0.066	0	0	0	1			
PL.21244	PL.28403	A	4ACSR	15.10Y	125.9	0.00	0.13	0.65	1	9	3	95	0.00	0.0	8.009	0.046	0	0	0	1			
058621	PL.21244	A	Consumer	15.10Y	125.9	0.00	0.13	0.65	0	9	3	95	0.00	0.0	8.009	0.000	9	3	1	1			
058601	PL.28403	A	Consumer	15.10Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	7.963	0.000	0	0	0	0			
058615	PL.23220	A	Consumer	15.10Y	125.9	0.00	0.13	0.54	0	8	3	94	0.00	0.0	7.897	0.000	8	3	1	1			

Unbalanced Voltage Drop Report
Source: THREE FORKS

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 for various elements like 0586031, PL.16151, PD.2319-A, etc.

Unbalanced Voltage Drop Report
Source: THREE FORKS

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: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.46086	PL.9459	A	397ACSR	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	9.126	0.050	0	0	0	1
		B		15.09Y	125.8	0.00	0.22	0.74	0	11	4	94					0	0	0	1
		C		15.11Y	125.9	-0.00	0.10	0.00	0	0	0	100					0	0	0	0
PL.46524	PL.46086	A	397ACSR	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	9.163	0.037	0	0	0	1
		B		15.09Y	125.8	0.00	0.22	0.74	0	11	4	94					0	0	0	1
		C		15.11Y	125.9	-0.00	0.10	0.00	0	0	0	100					0	0	0	0
PL.46525	PL.46524	A	397ACSR	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	9.172	0.009	0	0	0	1
		B		15.09Y	125.8	0.00	0.22	0.74	0	11	4	94					0	0	0	1
		C		15.11Y	125.9	-0.00	0.10	0.00	0	0	0	100					0	0	0	0
PL.9462	PL.46525	A	397ACSR	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	9.325	0.153	0	0	0	1
		B		15.09Y	125.8	0.00	0.22	0.74	0	11	4	94					0	0	0	1
		C		15.11Y	125.9	-0.00	0.10	0.00	0	0	0	100					0	0	0	0
PL.16174	PL.9462	A	4ACSR	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	9.348	0.023	0	0	0	1
PD.1877	PL.16174	A	fuse6AMP	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	9.348	0.000	0	0	0	1
PL.16175	PD.1877	A	4ACSR	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	9.494	0.145	0	0	0	1
056604	PL.16175	A	Consumer	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	9.494	0.000	0	0	1	1
PL.9463	PL.9462	A	397ACSR	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	9.349	0.024	0	0	0	0
		B		15.09Y	125.8	0.00	0.22	0.74	0	11	4	94					0	0	0	1
		C		15.11Y	125.9	-0.00	0.10	0.00	0	0	0	100					0	0	0	0
PL.6919	PL.9463	A	397ACSR	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	9.382	0.033	0	0	0	0
		B		15.09Y	125.8	0.00	0.22	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.10	0.00	0	0	0	100					0	0	0	0
056605	PL.6919	B	Consumer	15.09Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	9.382	0.000	0	0	0	0
PL.218	PL.6919	A	397ACSR	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	9.415	0.033	0	0	0	0
		B		15.09Y	125.8	0.00	0.22	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.10	0.00	0	0	0	100					0	0	0	0
PD.4346-A	PL.218	A	Open	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	9.415	0.000	0	0	0	0
		B		15.09Y	125.8	0.00	0.22	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.10	0.00	0	0	0	100					0	0	0	0
056603	PL.9463	B	Consumer	15.09Y	125.8	0.00	0.22	0.74	0	11	4	94	0.00	0.0	9.349	0.000	11	4	1	1
PL.46526	PL.46524	C	2ACSR	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	9.176	0.013	0	0	0	0
PD.8752	PL.46526	C	fuse6AMP	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	9.176	0.000	0	0	0	0
PL.46527	PD.8752	C	2ACSR	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	9.423	0.247	0	0	0	0
0576035	PL.46527	C	Consumer	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	9.423	0.000	0	0	0	0
0576034	PL.46086	B	Consumer	15.09Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	9.126	0.000	0	0	0	0
PL.40442	PL.9459	B	2ACSR	15.09Y	125.8	0.00	0.22	0.01	0	0	0	100	0.00	0.0	9.086	0.010	0	0	0	1
PD.7178	PL.40442	B	fuse6AMP	15.09Y	125.8	0.00	0.22	0.01	0	0	0	100	0.00	0.0	9.086	0.000	0	0	0	1
PL.40443	PD.7178	B	2ACSR	15.09Y	125.8	0.00	0.22	0.01	0	0	0	100	0.00	0.0	9.149	0.063	0	0	0	1
0576033	PL.40443	B	Consumer	15.09Y	125.8	0.00	0.22	0.01	0	0	0	100	0.00	0.0	9.149	0.000	0	0	1	1
PL.28349	PL.28338	A	4ACSR	15.10Y	125.9	0.00	0.14	0.46	0	7	2	96	0.00	0.0	9.046	0.063	0	0	0	2
PD.1889	PL.28349	A	fuse6AMP	15.10Y	125.9	0.00	0.14	0.46	8	7	2	96	0.00	0.0	9.046	0.000	0	0	0	2
PL.28350	PD.1889	A	4ACSR	15.10Y	125.9	0.00	0.14	0.46	0	7	2	96	0.00	0.0	9.220	0.174	0	0	0	2
057627	PL.28350	A	Consumer	15.10Y	125.9	0.00	0.14	0.01	0	0	0	100	0.00	0.0	9.220	0.000	0	0	1	1
PL.28405	PL.28350	A	4ACSR	15.10Y	125.9	0.00	0.14	0.45	0	6	2	95	0.00	0.0	9.285	0.066	0	0	0	1
PL.28404	PL.28405	A	4ACSR	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	9.365	0.080	0	0	0	0
PL.21246	PL.28404	A	4ACSR	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	9.541	0.176	0	0	0	0

Unbalanced Voltage Drop Report
Source: THREE FORKS

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: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.21768	PL.28414	A	4ACSR	15.11Y	125.9	0.00	0.12	0.75	1	11	4	94	0.00	0.0	7.605	0.059	0	0	0	1
058512	PL.21768	A	Consumer	15.11Y	125.9	0.00	0.12	0.75	0	11	4	94	0.00	0.0	7.605	0.000	11	4	1	1
058513	PL.28413	A	Consumer	15.11Y	125.9	0.00	0.12	1.22	0	17	6	94	0.00	0.0	7.518	0.000	17	6	1	1
PL.21765	PL.23224	A	4ACSR	15.11Y	125.9	0.00	0.12	3.15	3	45	16	94	0.00	0.0	7.504	0.035	0	0	0	8
058509	PL.21765	A	Consumer	15.11Y	125.9	0.00	0.12	0.19	0	3	1	95	0.00	0.0	7.504	0.000	3	1	1	1
PL.21766	PL.21765	A	4ACSR	15.11Y	125.9	0.00	0.12	2.30	2	33	12	94	0.00	0.0	7.553	0.048	0	0	0	4
PL.21764	PL.21766	A	4ACSR	15.10Y	125.9	0.00	0.13	1.45	1	21	7	95	0.00	0.0	7.677	0.124	0	0	0	3
058502	PL.21764	A	Consumer	15.10Y	125.9	0.00	0.13	0.37	0	5	2	93	0.00	0.0	7.677	0.000	5	2	1	1
058508	PL.21764	A	Consumer	15.10Y	125.9	0.00	0.13	0.39	0	6	2	95	0.00	0.0	7.677	0.000	6	2	1	1
058511	PL.21764	A	Consumer	15.10Y	125.9	0.00	0.13	0.69	0	10	4	93	0.00	0.0	7.677	0.000	10	4	1	1
058510	PL.21766	A	Consumer	15.11Y	125.9	0.00	0.12	0.85	0	12	4	95	0.00	0.0	7.553	0.000	12	4	1	1
PL.21767	PL.21765	A	4ACSR	15.11Y	125.9	0.00	0.12	0.67	1	10	3	96	0.00	0.0	7.535	0.030	0	0	0	3
058507	PL.21767	A	Consumer	15.11Y	125.9	0.00	0.12	0.47	0	7	2	96	0.00	0.0	7.535	0.000	7	2	1	1
058506	PL.21767	A	Consumer	15.11Y	125.9	0.00	0.12	0.01	0	0	0	100	0.00	0.0	7.535	0.000	0	0	1	1
058515	PL.21767	A	Consumer	15.11Y	125.9	0.00	0.12	0.19	0	3	1	95	0.00	0.0	7.535	0.000	3	1	1	1
530903	PL.9439	B	Consumer	15.10Y	125.8	0.00	0.16	0.51	0	7	3	92	0.00	0.0	7.171	0.000	7	3	1	1
PL.34498	PL.19630	C	4ACSR	15.10Y	125.9	0.00	0.13	2.21	2	31	13	92	0.00	0.0	7.023	0.004	0	0	0	4
PD.4829	PL.34498	C	fuse6AMP	15.10Y	125.9	0.00	0.13	2.21	38	31	13	92	0.00	0.0	7.023	0.000	0	0	0	4
PL.34499	PD.4829	C	4ACSR	15.10Y	125.9	0.00	0.13	2.21	2	31	13	92	0.00	0.0	7.070	0.048	0	0	0	4
PL.16067	PL.34499	C	4ACSR	15.10Y	125.9	0.00	0.13	0.65	1	9	3	95	0.00	0.0	7.087	0.016	0	0	0	2
PL.6969	PL.16067	C	4ACSR	15.10Y	125.9	0.00	0.13	0.25	0	4	1	97	0.00	0.0	7.108	0.021	0	0	0	1
531705	PL.6969	C	Consumer	15.10Y	125.9	0.00	0.13	0.25	0	4	1	97	0.00	0.0	7.108	0.000	4	1	1	1
531706	PL.16067	C	Consumer	15.10Y	125.9	0.00	0.13	0.40	0	6	2	95	0.00	0.0	7.087	0.000	6	2	1	1
531701	PL.34499	C	Consumer	15.10Y	125.9	0.00	0.13	0.15	0	2	1	89	0.00	0.0	7.070	0.000	2	1	1	1
531703	PL.34499	C	Consumer	15.10Y	125.9	0.00	0.13	1.41	0	19	9	90	0.00	0.0	7.070	0.000	19	9	1	1
532707	PL.19629	B	Consumer	15.10Y	125.8	0.00	0.15	0.11	0	2	1	89	0.00	0.0	6.936	0.000	2	1	1	1
532705	PL.19629	B	Consumer	15.10Y	125.8	0.00	0.15	0.26	0	4	1	97	0.00	0.0	6.936	0.000	4	1	1	1
532706	PL.19629	B	Consumer	15.10Y	125.8	0.00	0.15	0.44	0	6	2	95	0.00	0.0	6.936	0.000	6	2	1	1
PL.34496	PL.9437	B	4ACSR	15.10Y	125.9	0.00	0.15	1.11	1	16	6	94	0.00	0.0	6.832	0.005	0	0	0	2
PD.4828	PL.34496	B	fuse6AMP	15.10Y	125.9	0.00	0.15	1.11	19	16	6	94	0.00	0.0	6.832	0.000	0	0	0	2
PL.34497	PD.4828	B	4ACSR	15.10Y	125.9	0.00	0.15	1.11	1	16	6	94	0.00	0.0	6.890	0.058	0	0	0	2
5327001	PL.34497	B	Consumer	15.10Y	125.9	0.00	0.15	0.00	0	0	0	100	0.00	0.0	6.890	0.000	0	0	0	0
532701	PL.34497	B	Consumer	15.10Y	125.9	0.00	0.15	0.56	0	8	3	94	0.00	0.0	6.890	0.000	8	3	1	1
532704	PL.34497	B	Consumer	15.10Y	125.9	0.00	0.15	0.55	0	8	3	94	0.00	0.0	6.890	0.000	8	3	1	1
532601	PL.34497	B	Consumer	15.10Y	125.9	0.00	0.15	0.00	0	0	0	100	0.00	0.0	6.890	0.000	0	0	0	0
534610	PL.9397	B	Consumer	15.10Y	125.9	0.00	0.14	0.27	0	4	1	97	0.00	0.0	6.716	0.000	4	1	1	1
534606	PL.9397	B	Consumer	15.10Y	125.9	0.00	0.14	0.49	0	7	2	96	0.00	0.0	6.716	0.000	7	2	1	1
534603	PL.9397	B	Consumer	15.10Y	125.9	0.00	0.14	0.60	0	9	3	95	0.00	0.0	6.716	0.000	9	3	1	1

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
534613	PL.9396	C	Consumer	15.10Y	125.9	0.00	0.13	0.11	0	2	1	89	0.00	0.0	6.685	0.000	2	1	1	1
534609	PL.9396	C	Consumer	15.10Y	125.9	0.00	0.13	0.46	0	7	2	96	0.00	0.0	6.685	0.000	7	2	1	1
534607	PL.9396	C	Consumer	15.10Y	125.9	0.00	0.13	1.18	0	17	6	94	0.00	0.0	6.685	0.000	17	6	1	1
534614	PL.9396	C	Consumer	15.10Y	125.9	0.00	0.13	0.26	0	4	1	97	0.00	0.0	6.685	0.000	4	1	1	1
534608	PL.9396	C	Consumer	15.10Y	125.9	0.00	0.13	0.35	0	5	2	93	0.00	0.0	6.685	0.000	5	2	1	1
534612	PL.9396	C	Consumer	15.10Y	125.9	0.00	0.13	0.55	0	8	3	94	0.00	0.0	6.685	0.000	8	3	1	1
536505	PL.9390	C	Consumer	15.11Y	125.9	0.00	0.12	0.09	0	1	1	71	0.00	0.0	6.392	0.000	1	1	1	1
536603	PL.9390	B	Consumer	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	6.392	0.000	0	0	1	1
PL.7374	PL.199	C	4ACSR	15.11Y	125.9	0.00	0.11	8.58	7	122	44	94	0.00	0.0	6.155	0.012	0	0	0	22
PL.9387	PL.7374	C	4ACSR	15.11Y	125.9	0.01	0.12	7.92	7	113	40	94	0.01	0.0	6.222	0.066	0	0	0	21
PL.3508	PL.9387	C	4ACSR	15.11Y	125.9	0.00	0.12	0.14	0	2	1	89	0.00	0.0	6.362	0.140	0	0	0	1
537801	PL.3508	C	Consumer	15.11Y	125.9	0.00	0.12	0.14	0	2	1	89	0.00	0.0	6.362	0.000	2	1	1	1
PL.9388	PL.9387	C	4ACSR	15.10Y	125.9	0.01	0.13	7.78	7	111	39	94	0.01	0.0	6.281	0.060	0	0	0	20
PL.16659	PL.9388	C	4ACSR	15.10Y	125.8	0.02	0.16	6.94	6	99	35	94	0.02	0.0	6.423	0.141	0	0	0	19
PD.3717	PL.16659	C	50V4E	15.10Y	125.8	0.00	0.16	6.94	14	99	35	94	0.00	0.0	6.423	0.000	0	0	0	19
PL.16660	PD.3717	C	4ACSR	15.10Y	125.8	0.01	0.17	6.94	6	99	35	94	0.01	0.0	6.498	0.075	0	0	0	19
PL.9385	PL.16660	C	4ACSR	15.10Y	125.8	0.02	0.19	6.94	6	99	35	94	0.02	0.0	6.630	0.133	0	0	0	19
PL.9386	PL.9385	C	4ACSR	15.09Y	125.8	0.04	0.23	6.59	6	94	33	94	0.03	0.0	6.887	0.257	0	0	0	17
PL.22028	PL.9386	C	4ACSR	15.09Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	7.080	0.193	0	0	0	0
PL.22031	PL.22028	C	4ACSR	15.09Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	7.136	0.055	0	0	0	0
059607	PL.22031	C	Consumer	15.09Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	7.136	0.000	0	0	0	0
PL.9384	PL.9386	C	4ACSR	15.09Y	125.8	0.01	0.24	6.59	6	94	33	94	0.01	0.0	6.945	0.058	0	0	0	17
PL.22029	PL.9384	C	4ACSR	15.09Y	125.8	0.00	0.24	0.66	1	9	3	95	0.00	0.0	7.026	0.081	0	0	0	2
PL.22021	PL.22029	C	4ACSR	15.09Y	125.8	0.00	0.24	0.66	1	9	3	95	0.00	0.0	7.170	0.144	0	0	0	2
PL.22692	PL.22021	C	4ACSR	15.09Y	125.8	0.00	0.24	0.66	1	9	3	95	0.00	0.0	7.181	0.010	0	0	0	2
PL.22360	PL.22692	C	4ACSR	15.09Y	125.8	0.00	0.24	0.66	1	9	3	95	0.00	0.0	7.201	0.020	0	0	0	2
PL.22361	PL.22360	C	4ACSR	15.09Y	125.8	0.00	0.24	0.25	0	4	1	97	0.00	0.0	7.331	0.130	0	0	0	1
110601	PL.22361	C	Consumer	15.09Y	125.8	0.00	0.24	0.25	0	4	1	97	0.00	0.0	7.331	0.000	4	1	1	1
059610	PL.22360	C	Consumer	15.09Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	7.201	0.000	0	0	0	0
110615	PL.22360	C	Consumer	15.09Y	125.8	0.00	0.24	0.41	0	6	2	95	0.00	0.0	7.201	0.000	6	2	1	1
PL.9383	PL.9384	C	4ACSR	15.09Y	125.7	0.02	0.25	5.93	5	84	30	94	0.01	0.0	7.070	0.125	0	0	0	15
PL.9381	PL.9383	C	4ACSR	15.09Y	125.7	0.01	0.27	5.93	5	84	30	94	0.01	0.0	7.161	0.090	0	0	0	15
PL.9382	PL.9381	C	4ACSR	15.09Y	125.7	0.01	0.27	4.99	4	71	25	94	0.00	0.0	7.227	0.066	0	0	0	14
PL.9622	PL.9382	C	4ACSR	15.09Y	125.7	0.02	0.29	4.99	4	71	25	94	0.01	0.0	7.373	0.146	0	0	0	14
PL.9621	PL.9622	C	4ACSR	15.08Y	125.7	0.00	0.29	4.48	4	64	23	94	0.00	0.0	7.399	0.026	0	0	0	13
PL.22022	PL.9621	C	4ACSR	15.08Y	125.7	0.00	0.29	0.22	0	3	1	95	0.00	0.0	7.556	0.157	0	0	0	1
PL.22358	PL.22022	C	4ACSR	15.08Y	125.7	0.00	0.29	0.22	0	3	1	95	0.00	0.0	7.560	0.004	0	0	0	1
PL.22359	PL.22358	C	4ACSR	15.08Y	125.7	0.00	0.29	0.00	0	0	0	100	0.00	0.0	7.594	0.034	0	0	0	0

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
110610	PL.22358	C	Consumer	15.08Y	125.7	0.00	0.29	0.22	0	3	1	95	0.00	0.0	7.560	0.000	3	1	1	1
0596016	PL.9621	C	Consumer	15.08Y	125.7	0.00	0.29	0.43	0	6	2	95	0.00	0.0	7.399	0.000	6	2	1	1
PL.9620	PL.9621	C	4ACSR	15.08Y	125.7	0.00	0.30	3.83	3	54	19	94	0.00	0.0	7.437	0.037	0	0	0	11
PL.22023	PL.9620	C	4ACSR	15.08Y	125.7	0.00	0.30	1.14	1	16	6	94	0.00	0.0	7.523	0.087	0	0	0	2
PL.249	PL.22023	C	4ACSR	15.08Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	7.525	0.002	0	0	0	0
PL.22693	PL.22023	C	4ACSR	15.08Y	125.7	0.00	0.30	1.14	1	16	6	94	0.00	0.0	7.565	0.041	0	0	0	2
110612	PL.22693	C	Consumer	15.08Y	125.7	0.00	0.30	0.69	0	10	3	96	0.00	0.0	7.565	0.000	10	3	1	1
PL.22694	PL.22693	C	4ACSR	15.08Y	125.7	0.00	0.30	0.45	0	6	2	95	0.00	0.0	7.637	0.072	0	0	0	1
PL.22690	PL.22694	C	4ACSR	15.08Y	125.7	0.00	0.30	0.45	0	6	2	95	0.00	0.0	7.814	0.177	0	0	0	1
110614	PL.22690	C	Consumer	15.08Y	125.7	0.00	0.30	0.45	0	6	2	95	0.00	0.0	7.814	0.000	6	2	1	1
PL.9619	PL.9620	C	4ACSR	15.08Y	125.7	0.00	0.30	2.22	2	32	11	95	0.00	0.0	7.512	0.075	0	0	0	8
059614	PL.9619	C	Consumer	15.08Y	125.7	0.00	0.30	0.01	0	0	0	100	0.00	0.0	7.512	0.000	0	0	1	1
PL.9618	PL.9619	C	4ACSR	15.08Y	125.7	0.00	0.30	1.62	1	23	8	94	0.00	0.0	7.557	0.046	0	0	0	5
PL.9162	PL.9618	C	4ACSR	15.08Y	125.7	0.00	0.30	1.62	1	23	8	94	0.00	0.0	7.573	0.015	0	0	0	5
PL.22691	PL.9162	C	4ACSR	15.08Y	125.7	0.00	0.30	0.72	1	10	4	93	0.00	0.0	7.673	0.101	0	0	0	2
110605	PL.22691	C	Consumer	15.08Y	125.7	0.00	0.30	0.62	0	9	3	95	0.00	0.0	7.673	0.000	9	3	1	1
110616	PL.22691	C	Consumer	15.08Y	125.7	0.00	0.30	0.10	0	1	1	71	0.00	0.0	7.673	0.000	1	1	1	1
PL.9163	PL.9162	C	4ACSR	15.08Y	125.7	0.00	0.30	0.90	1	13	5	93	0.00	0.0	7.688	0.115	0	0	0	3
PL.9161	PL.9163	C	4ACSR	15.08Y	125.7	0.00	0.31	0.90	1	13	5	93	0.00	0.0	7.808	0.121	0	0	0	3
110609	PL.9161	C	Consumer	15.08Y	125.7	0.00	0.31	0.30	0	4	2	89	0.00	0.0	7.808	0.000	4	2	1	1
PL.5329	PL.9161	C	4ACSR	15.08Y	125.7	0.00	0.31	0.61	1	9	3	95	0.00	0.0	7.915	0.107	0	0	0	2
PL.9519	PL.5329	C	4ACSR	15.08Y	125.7	0.00	0.31	0.17	0	2	1	89	0.00	0.0	8.040	0.125	0	0	0	1
PL.41077	PL.9519	C	4ACSR	15.08Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	8.126	0.086	0	0	0	0
PD.7352-A	PL.41077	C	Open	15.08Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	8.126	0.000	0	0	0	0
PL.22689	PL.9519	C	4ACSR	15.08Y	125.7	0.00	0.31	0.17	0	2	1	89	0.00	0.0	8.074	0.034	0	0	0	1
110607	PL.22689	C	Consumer	15.08Y	125.7	0.00	0.31	0.17	0	2	1	89	0.00	0.0	8.074	0.000	2	1	1	1
110611	PL.5329	C	Consumer	15.08Y	125.7	0.00	0.31	0.43	0	6	2	95	0.00	0.0	7.915	0.000	6	2	1	1
110613	PL.9163	C	Consumer	15.08Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	7.688	0.000	0	0	0	0
PL.29005	PL.9619	C	4ACSR	15.08Y	125.7	0.00	0.30	0.59	0	8	3	94	0.00	0.0	7.512	0.000	0	0	0	2
PL.28402	PL.29005	C	4ACSR	15.08Y	125.7	0.00	0.30	0.59	0	8	3	94	0.00	0.0	7.720	0.208	0	0	0	2
059611	PL.28402	C	Consumer	15.08Y	125.7	0.00	0.30	0.07	0	1	0	100	0.00	0.0	7.720	0.000	1	0	1	1
0596017	PL.28402	C	Consumer	15.08Y	125.7	0.00	0.30	0.52	0	7	3	92	0.00	0.0	7.720	0.000	7	3	1	1
059612	PL.9620	C	Consumer	15.08Y	125.7	0.00	0.30	0.47	0	7	2	96	0.00	0.0	7.437	0.000	7	2	1	1
PL.3678	PL.9622	C	4ACSR	15.09Y	125.7	0.00	0.29	0.51	0	7	3	92	0.00	0.0	7.434	0.061	0	0	0	1
059613	PL.3678	C	Consumer	15.09Y	125.7	0.00	0.29	0.51	0	7	3	92	0.00	0.0	7.434	0.000	7	3	1	1
059604	PL.9382	C	Consumer	15.09Y	125.7	0.00	0.27	0.00	0	0	0	100	0.00	0.0	7.227	0.000	0	0	0	0
PL.22030	PL.9381	C	4ACSR	15.09Y	125.7	0.00	0.27	0.93	1	13	5	93	0.00	0.0	7.204	0.043	0	0	0	1
059603	PL.22030	C	Consumer	15.09Y	125.7	0.00	0.27	0.93	0	13	5	93	0.00	0.0	7.204	0.000	13	5	1	1

Unbalanced Voltage Drop Report
Source: THREE FORKS

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 059602, PL.22024, etc.

Unbalanced Voltage Drop Report
Source: THREE FORKS

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.22948, PL.33898, 1115020, etc.

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.46015	PD.43-B	C	4ACSR	14.74Y	122.9	0.10	3.15	25.33	21	352	126	94	0.28	0.1	3.907	0.180	0	0	0	87	
PL.27645	PL.46015	C	4ACSR	14.74Y	122.8	0.06	3.21	25.01	21	347	124	94	0.16	0.0	4.014	0.107	0	0	0	85	
PL.27644	PL.27645	C	4ACSR	14.73Y	122.8	0.03	3.24	25.01	21	347	124	94	0.09	0.0	4.072	0.058	0	0	0	84	
112540	PL.27644	C	Consumer	14.73Y	122.8	0.00	3.24	0.04	0	0	0	100	0.00	0.0	4.072	0.000	0	0	1	1	
PL.5342	PL.27644	C	4ACSR	14.73Y	122.7	0.05	3.29	24.97	21	346	124	94	0.13	0.0	4.160	0.088	0	0	0	83	
PL.16813	PL.5342	C	4ACSR	14.72Y	122.7	0.01	3.30	24.49	21	340	121	94	0.03	0.0	4.179	0.019	0	0	0	82	
PD.3287	PL.16813	C	50E	14.72Y	122.7	0.00	3.30	24.49	49	340	121	94	0.00	0.0	4.179	0.000	0	0	0	82	
PL.16812	PD.3287	C	4ACSR	14.72Y	122.7	0.00	3.30	24.49	21	340	121	94	0.01	0.0	4.185	0.006	0	0	0	82	
PL.5347	PL.16812	C	4ACSR	14.72Y	122.7	0.00	3.31	24.49	21	340	121	94	0.01	0.0	4.192	0.008	0	0	0	82	
PL.5346	PL.5347	C	4ACSR	14.72Y	122.7	0.04	3.35	24.42	21	339	121	94	0.10	0.0	4.263	0.071	0	0	0	81	
PL.25064	PL.5346	C	4ACSR	14.71Y	122.6	0.03	3.38	23.49	20	326	116	94	0.07	0.0	4.320	0.056	0	0	0	79	
112517	PL.25064	C	Consumer	14.71Y	122.6	0.00	3.38	0.10	0	1	1	71	0.00	0.0	4.320	0.000	1	1	1	1	
PL.16814	PL.25064	C	4ACSR	14.71Y	122.6	0.00	3.38	0.72	1	10	4	93	0.00	0.0	4.329	0.009	0	0	0	3	
PD.791	PL.16814	C	fuse6AMP	14.71Y	122.6	0.00	3.38	0.72	12	10	4	93	0.00	0.0	4.329	0.000	0	0	0	3	
PL.21323	PD.791	C	4ACSR	14.71Y	122.6	0.00	3.38	0.72	1	10	4	93	0.00	0.0	4.379	0.050	0	0	0	3	
112534	PL.21323	C	Consumer	14.71Y	122.6	0.00	3.38	0.35	0	5	2	93	0.00	0.0	4.379	0.000	5	2	1	1	
PL.21630	PL.21323	C	4ACSR	14.71Y	122.6	0.00	3.38	0.01	0	0	0	100	0.00	0.0	4.419	0.040	0	0	0	1	
112550	PL.21630	C	Consumer	14.71Y	122.6	0.00	3.38	0.01	0	0	0	100	0.00	0.0	4.419	0.000	0	0	1	1	
PL.21626	PL.21323	C	4ACSR	14.71Y	122.6	0.00	3.38	0.37	0	5	2	93	0.00	0.0	4.487	0.108	0	0	0	1	
112524	PL.21626	C	Consumer	14.71Y	122.6	0.00	3.38	0.37	0	5	2	93	0.00	0.0	4.487	0.000	5	2	1	1	
PL.25063	PL.25064	C	4ACSR	14.69Y	122.4	0.18	3.56	22.66	19	314	112	94	0.43	0.1	4.668	0.348	0	0	0	75	
112511	PL.25063	C	Consumer	14.69Y	122.4	0.00	3.56	0.00	0	0	0	100	0.00	0.0	4.668	0.000	0	0	1	1	
112510	PL.25063	C	Consumer	14.69Y	122.4	0.00	3.56	0.07	0	1	0	100	0.00	0.0	4.668	0.000	1	0	1	1	
112519	PL.25063	C	Consumer	14.69Y	122.4	0.00	3.56	0.10	0	1	1	71	0.00	0.0	4.668	0.000	1	1	1	1	
PL.25065	PL.25063	C	4ACSR	14.68Y	122.4	0.08	3.64	22.49	19	311	111	94	0.20	0.1	4.831	0.163	0	0	0	72	
PL.28245	PL.25065	C	4ACSR	14.68Y	122.4	0.00	3.64	7.02	6	97	35	94	0.00	0.0	4.853	0.022	0	0	0	19	
C PD.785	PL.28245	C	fuse6AMP	14.68Y	122.4	0.00	3.64	7.02	120	97	35	94	0.00	0.0	4.853	0.000	0	0	0	19 C	
PL.28246	PD.785	C	4ACSR	14.68Y	122.3	0.01	3.65	7.02	6	97	35	94	0.01	0.0	4.915	0.062	0	0	0	19	
112530	PL.28246	C	Consumer	14.68Y	122.3	0.00	3.65	0.00	0	0	0	100	0.00	0.0	4.915	0.000	0	0	1	1	
112512	PL.28246	C	Consumer	14.68Y	122.3	0.00	3.65	0.47	0	6	2	95	0.00	0.0	4.915	0.000	6	2	1	1	
112523	PL.28246	C	Consumer	14.68Y	122.3	0.00	3.65	0.23	0	3	1	95	0.00	0.0	4.915	0.000	3	1	1	1	
PL.28594	PL.28246	C	4ACSR	14.68Y	122.3	0.01	3.66	6.31	5	87	32	94	0.00	0.0	4.957	0.042	0	0	0	16	
PL.28595	PL.28594	C	4ACSR	14.68Y	122.3	0.00	3.66	5.92	5	82	30	94	0.00	0.0	4.989	0.032	0	0	0	15	
112549	PL.28595	C	Consumer	14.68Y	122.3	0.00	3.66	0.38	0	5	2	93	0.00	0.0	4.989	0.000	5	2	1	1	
112546	PL.28595	C	Consumer	14.68Y	122.3	0.00	3.66	0.44	0	6	2	95	0.00	0.0	4.989	0.000	6	2	1	1	
PL.28307	PL.28595	C	4ACSR	14.68Y	122.3	0.01	3.67	5.11	4	70	26	94	0.00	0.0	5.059	0.070	0	0	0	13	
PL.28308	PL.28307	C	4ACSR	14.68Y	122.3	0.01	3.68	3.37	3	46	17	94	0.00	0.0	5.138	0.079	0	0	0	9	
PL.28311	PL.28308	C	4ACSR	14.68Y	122.3	0.00	3.68	1.53	1	21	8	93	0.00	0.0	5.211	0.073	0	0	0	5	

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
112535	PL.28311	C	Consumer	14.68Y	122.3	0.00	3.68	0.31	0	4	2	89	0.00	0.0	5.211	0.000	4	2	1	1
112518	PL.28311	C	Consumer	14.68Y	122.3	0.00	3.68	0.00	0	0	0	100	0.00	0.0	5.211	0.000	0	0	1	1
112532	PL.28311	C	Consumer	14.68Y	122.3	0.00	3.68	0.18	0	3	1	95	0.00	0.0	5.211	0.000	3	1	1	1
PL.28312	PL.28311	C	4ACSR	14.68Y	122.3	0.00	3.68	1.03	1	14	5	94	0.00	0.0	5.247	0.036	0	0	0	2
112516	PL.28312	C	Consumer	14.68Y	122.3	0.00	3.68	0.78	0	11	4	94	0.00	0.0	5.247	0.000	11	4	1	1
112533	PL.28312	C	Consumer	14.68Y	122.3	0.00	3.68	0.25	0	3	1	95	0.00	0.0	5.247	0.000	3	1	1	1
112528	PL.28308	C	Consumer	14.68Y	122.3	0.00	3.68	0.29	0	4	2	89	0.00	0.0	5.138	0.000	4	2	1	1
112520	PL.28308	C	Consumer	14.68Y	122.3	0.00	3.68	0.00	0	0	0	100	0.00	0.0	5.138	0.000	0	0	0	0
112521	PL.28308	C	Consumer	14.68Y	122.3	0.00	3.68	0.00	0	0	0	100	0.00	0.0	5.138	0.000	0	0	0	0
PL.28309	PL.28308	C	4ACSR	14.68Y	122.3	0.00	3.68	1.55	1	21	8	93	0.00	0.0	5.183	0.045	0	0	0	3
PL.28310	PL.28309	C	4ACSR	14.68Y	122.3	0.00	3.68	1.09	1	15	5	95	0.00	0.0	5.235	0.052	0	0	0	2
112543	PL.28310	C	Consumer	14.68Y	122.3	0.00	3.68	0.65	0	9	3	95	0.00	0.0	5.235	0.000	9	3	1	1
112544	PL.28310	C	Consumer	14.68Y	122.3	0.00	3.68	0.45	0	6	2	95	0.00	0.0	5.235	0.000	6	2	1	1
112547	PL.28309	C	Consumer	14.68Y	122.3	0.00	3.68	0.45	0	6	2	95	0.00	0.0	5.183	0.000	6	2	1	1
112545	PL.28307	C	Consumer	14.68Y	122.3	0.00	3.67	0.75	0	10	4	93	0.00	0.0	5.059	0.000	10	4	1	1
112539	PL.28307	C	Consumer	14.68Y	122.3	0.00	3.67	0.00	0	0	0	100	0.00	0.0	5.059	0.000	0	0	1	1
112515	PL.28307	C	Consumer	14.68Y	122.3	0.00	3.67	0.40	0	6	2	95	0.00	0.0	5.059	0.000	6	2	1	1
112542	PL.28307	C	Consumer	14.68Y	122.3	0.00	3.67	0.59	0	8	3	94	0.00	0.0	5.059	0.000	8	3	1	1
112536	PL.28594	C	Consumer	14.68Y	122.3	0.00	3.66	0.39	0	5	2	93	0.00	0.0	4.957	0.000	5	2	1	1
PL.36517	PL.25065	C	4ACSR	14.68Y	122.4	0.00	3.64	15.47	13	214	76	94	0.00	0.0	4.836	0.005	0	0	0	53
PD.5655-A	PL.36517	C	Closed	14.68Y	122.4	0.00	3.64	15.47	0	214	76	94	0.00	0.0	4.836	0.000	0	0	0	53
PD.5655-B	PD.5655-A	C	Closed	14.68Y	122.4	0.00	3.64	15.47	0	214	76	94	0.00	0.0	4.836	0.000	0	0	0	53
PL.36516	PD.5655-B	C	4ACSR	14.68Y	122.3	0.01	3.66	15.47	13	214	76	94	0.02	0.0	4.875	0.040	0	0	0	53
PL.25068	PL.36516	C	4ACSR	14.67Y	122.3	0.06	3.71	15.16	13	210	74	94	0.09	0.0	5.043	0.168	0	0	0	52
PL.36521	PL.25068	C	4ACSR	14.67Y	122.3	0.00	3.71	0.34	0	5	2	93	0.00	0.0	5.049	0.006	0	0	0	2
PD.5657	PL.36521	C	fuse6AMP	14.67Y	122.3	0.00	3.71	0.34	6	5	2	93	0.00	0.0	5.049	0.000	0	0	0	2
PL.36520	PD.5657	C	4ACSR	14.67Y	122.3	0.00	3.71	0.34	0	5	2	93	0.00	0.0	5.097	0.047	0	0	0	2
112522	PL.36520	C	Consumer	14.67Y	122.3	0.00	3.71	0.20	0	3	1	95	0.00	0.0	5.097	0.000	3	1	1	1
112527	PL.36520	C	Consumer	14.67Y	122.3	0.00	3.71	0.14	0	2	1	89	0.00	0.0	5.097	0.000	2	1	1	1
PL.25067	PL.25068	C	4ACSR	14.67Y	122.3	0.03	3.74	14.82	12	205	73	94	0.04	0.0	5.124	0.081	0	0	0	50
PL.25070	PL.25067	C	4ACSR	14.67Y	122.2	0.02	3.76	14.82	12	205	72	94	0.03	0.0	5.190	0.066	0	0	0	50
112604	PL.25070	C	Consumer	14.67Y	122.2	0.00	3.76	0.43	0	6	2	95	0.00	0.0	5.190	0.000	6	2	1	1
PL.21324	PL.25070	C	4ACSR	14.67Y	122.2	0.00	3.76	1.58	1	22	7	95	0.00	0.0	5.212	0.023	0	0	0	4
PD.769	PL.21324	C	fuse6AMP	14.67Y	122.2	0.00	3.76	1.58	27	22	7	95	0.00	0.0	5.212	0.000	0	0	0	4
PL.21325	PD.769	C	4ACSR	14.67Y	122.2	0.01	3.77	1.58	1	22	7	95	0.00	0.0	5.427	0.215	0	0	0	4
PL.22915	PL.21325	C	4ACSR	14.67Y	122.2	0.00	3.77	1.58	1	22	7	95	0.00	0.0	5.500	0.073	0	0	0	4
112607	PL.22915	C	Consumer	14.67Y	122.2	0.00	3.77	0.33	0	5	2	93	0.00	0.0	5.500	0.000	5	2	1	1
112612	PL.22915	C	Consumer	14.67Y	122.2	0.00	3.77	0.44	0	6	2	95	0.00	0.0	5.500	0.000	6	2	1	1

Unbalanced Voltage Drop Report
Source: THREE FORKS

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: THREE FORKS

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: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.36577	PL.17753	C	4ACSR	14.59Y	121.6	0.00	4.43	4.87	4	67	24	94	0.00	0.0	8.722	0.026	0	0	0	13
PD.5662-A	PL.36577	C	Closed	14.59Y	121.6	0.00	4.43	4.87	0	67	24	94	0.00	0.0	8.722	0.000	0	0	0	13
PD.5662-B	PD.5662-A	C	Closed	14.59Y	121.6	0.00	4.43	4.87	0	67	24	94	0.00	0.0	8.722	0.000	0	0	0	13
PL.36578	PD.5662-B	C	4ACSR	14.59Y	121.6	0.00	4.43	4.87	4	67	24	94	0.00	0.0	8.753	0.031	0	0	0	13
PL.5332	PL.36578	C	4ACSR	14.59Y	121.6	0.01	4.44	4.50	4	62	22	94	0.01	0.0	8.860	0.107	0	0	0	12
PL.10264	PL.5332	C	4ACSR	14.59Y	121.5	0.01	4.45	3.81	3	52	19	94	0.00	0.0	8.935	0.075	0	0	0	11
PL.10265	PL.10264	C	4ACSR	14.58Y	121.5	0.01	4.46	3.31	3	46	16	94	0.00	0.0	9.120	0.185	0	0	0	9
112702	PL.10265	C	Consumer	14.58Y	121.5	0.00	4.46	0.30	0	4	1	97	0.00	0.0	9.120	0.000	4	1	1	1
PL.10266	PL.10265	C	4ACSR	14.58Y	121.5	0.01	4.47	2.59	2	36	13	94	0.00	0.0	9.217	0.097	0	0	0	6
PL.10267	PL.10266	C	4ACSR	14.58Y	121.5	0.00	4.47	2.59	2	36	13	94	0.00	0.0	9.286	0.069	0	0	0	6
112714	PL.10267	C	Consumer	14.58Y	121.5	0.00	4.47	0.09	0	1	0	100	0.00	0.0	9.286	0.000	1	0	1	1
PL.10268	PL.10267	C	4ACSR	14.58Y	121.5	0.00	4.48	2.50	2	34	12	94	0.00	0.0	9.346	0.059	0	0	0	5
PL.22698	PL.10268	C	4ACSR	14.58Y	121.5	0.00	4.48	2.50	2	34	12	94	0.00	0.0	9.412	0.066	0	0	0	4
PL.22699	PL.22698	C	4ACSR	14.58Y	121.5	0.00	4.49	1.96	2	27	10	94	0.00	0.0	9.517	0.105	0	0	0	3
PL.22701	PL.22699	C	4ACSR	14.58Y	121.5	0.01	4.49	1.55	1	21	8	93	0.00	0.0	9.681	0.165	0	0	0	2
112715	PL.22701	C	Consumer	14.58Y	121.5	0.00	4.49	0.96	0	13	5	93	0.00	0.0	9.681	0.000	13	5	1	1
PL.22700	PL.22701	C	4ACSR	14.58Y	121.5	0.00	4.49	0.59	0	8	3	94	0.00	0.0	9.746	0.064	0	0	0	1
112720	PL.22700	C	Consumer	14.58Y	121.5	0.00	4.49	0.59	0	8	3	94	0.00	0.0	9.746	0.000	8	3	1	1
112722	PL.22700	C	Consumer	14.58Y	121.5	0.00	4.49	0.00	0	0	0	100	0.00	0.0	9.746	0.000	0	0	0	0
PL.36583	PL.22699	C	4ACSR	14.58Y	121.5	0.00	4.49	0.41	0	6	2	95	0.00	0.0	9.523	0.007	0	0	0	1
PD.5665	PL.36583	C	fuse6AMP	14.58Y	121.5	0.00	4.49	0.41	7	6	2	95	0.00	0.0	9.523	0.000	0	0	0	1
PL.36584	PD.5665	C	4ACSR	14.58Y	121.5	0.00	4.49	0.41	0	6	2	95	0.00	0.0	9.560	0.037	0	0	0	1
112721	PL.36584	C	Consumer	14.58Y	121.5	0.00	4.49	0.41	0	6	2	95	0.00	0.0	9.560	0.000	6	2	1	1
112712	PL.22698	C	Consumer	14.58Y	121.5	0.00	4.48	0.53	0	7	3	92	0.00	0.0	9.412	0.000	7	3	1	1
PL.36581	PL.10268	C	4ACSR	14.58Y	121.5	0.00	4.48	0.00	0	0	0	100	0.00	0.0	9.352	0.006	0	0	0	1
PD.5664	PL.36581	C	fuse6AMP	14.58Y	121.5	0.00	4.48	0.00	0	0	0	100	0.00	0.0	9.352	0.000	0	0	0	1
PL.36582	PD.5664	C	4ACSR	14.58Y	121.5	0.00	4.48	0.00	0	0	0	100	0.00	0.0	9.615	0.264	0	0	0	1
112701	PL.36582	C	Consumer	14.58Y	121.5	0.00	4.48	0.00	0	0	0	100	0.00	0.0	9.615	0.000	0	0	1	1
PL.21334	PL.10265	C	4ACSR	14.58Y	121.5	0.00	4.46	0.42	0	6	2	95	0.00	0.0	9.137	0.017	0	0	0	2
PD.773	PL.21334	C	fuse6AMP	14.58Y	121.5	0.00	4.46	0.42	7	6	2	95	0.00	0.0	9.137	0.000	0	0	0	2
PL.21335	PD.773	C	4ACSR	14.58Y	121.5	0.00	4.46	0.42	0	6	2	95	0.00	0.0	9.179	0.042	0	0	0	2
PL.22368	PL.21335	C	4ACSR	14.58Y	121.5	0.00	4.47	0.42	0	6	2	95	0.00	0.0	9.262	0.083	0	0	0	2
PL.22369	PL.22368	C	4ACSR	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	9.263	0.000	0	0	0	0
112716	PL.22368	C	Consumer	14.58Y	121.5	0.00	4.47	0.42	0	6	2	95	0.00	0.0	9.262	0.000	6	2	1	1
112717	PL.22368	C	Consumer	14.58Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	9.262	0.000	0	0	1	1
PL.36579	PL.10264	C	4ACSR	14.59Y	121.5	0.00	4.45	0.49	0	7	2	96	0.00	0.0	8.939	0.004	0	0	0	2
PD.5663	PL.36579	C	fuse6AMP	14.59Y	121.5	0.00	4.45	0.49	8	7	2	96	0.00	0.0	8.939	0.000	0	0	0	2
PL.36580	PD.5663	C	4ACSR	14.59Y	121.5	0.00	4.45	0.49	0	7	2	96	0.00	0.0	9.017	0.077	0	0	0	2

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
112706	PL.36580	C	Consumer	14.59Y	121.5	0.00	4.45	0.24	0	3	1	95	0.00	0.0	9.017	0.000	3	1	1	1
112708	PL.36580	C	Consumer	14.59Y	121.5	0.00	4.45	0.25	0	3	1	95	0.00	0.0	9.017	0.000	3	1	1	1
112703	PL.5332	C	Consumer	14.59Y	121.6	0.00	4.44	0.69	0	9	3	95	0.00	0.0	8.860	0.000	9	3	1	1
112705	PL.36578	C	Consumer	14.59Y	121.6	0.00	4.43	0.37	0	5	2	93	0.00	0.0	8.753	0.000	5	2	1	1
PL.36575	PL.17753	C	4ACSR	14.59Y	121.6	0.00	4.43	0.63	1	9	3	95	0.00	0.0	8.705	0.009	0	0	0	1
PD.5661	PL.36575	C	fuse6AMP	14.59Y	121.6	0.00	4.43	0.63	11	9	3	95	0.00	0.0	8.705	0.000	0	0	0	1
PL.36576	PD.5661	C	4ACSR	14.59Y	121.6	0.00	4.43	0.63	1	9	3	95	0.00	0.0	8.725	0.020	0	0	0	1
112713	PL.36576	C	Consumer	14.59Y	121.6	0.00	4.43	0.00	0	0	0	100	0.00	0.0	8.725	0.000	0	0	0	0
PL.21564	PL.36576	C	4ACSR	14.59Y	121.6	0.00	4.43	0.63	1	9	3	95	0.00	0.0	8.872	0.147	0	0	0	1
PL.22696	PL.21564	C	4ACSR	14.59Y	121.6	0.00	4.43	0.63	1	9	3	95	0.00	0.0	8.932	0.060	0	0	0	1
PL.22939	PL.22696	C	4ACSR	14.59Y	121.6	0.00	4.43	0.63	1	9	3	95	0.00	0.0	9.103	0.171	0	0	0	1
113708	PL.22939	C	Consumer	14.59Y	121.6	0.00	4.43	0.63	0	9	3	95	0.00	0.0	9.103	0.000	9	3	1	1
113715	PL.10255	C	Consumer	14.60Y	121.6	0.00	4.37	0.00	0	0	0	100	0.00	0.0	8.208	0.000	0	0	1	1
PL.28251	PL.17757	C	4ACSR	14.62Y	121.9	0.00	4.15	0.00	0	0	0	100	0.00	0.0	6.780	0.007	0	0	0	0
PD.38-A	PL.28251	C	Closed	14.62Y	121.9	0.00	4.15	0.00	0	0	0	100	0.00	0.0	6.780	0.000	0	0	0	0
PD.38-B	PD.38-A	C	Closed	14.62Y	121.9	0.00	4.15	0.00	0	0	0	100	0.00	0.0	6.780	0.000	0	0	0	0
PL.28252	PD.38-B	C	4ACSR	14.62Y	121.9	0.00	4.15	0.00	0	0	0	100	0.00	0.0	6.906	0.125	0	0	0	0
113606	PL.28252	C	Consumer	14.62Y	121.9	0.00	4.15	0.00	0	0	0	100	0.00	0.0	6.906	0.000	0	0	0	0
113603	PL.4838	C	Consumer	14.62Y	121.9	0.00	4.14	0.14	0	2	1	89	0.00	0.0	6.714	0.000	2	1	1	1
PL.7	PL.4840	C	4ACSR	14.62Y	121.9	0.03	4.14	1.94	2	27	10	94	0.01	0.0	7.260	0.694	0	0	0	7
PL.9380	PL.7	C	4ACSR	14.62Y	121.9	0.00	4.14	1.94	2	27	10	94	0.00	0.0	7.272	0.012	0	0	0	7
PL.21253	PL.9380	C	4ACSR	14.62Y	121.9	0.00	4.14	0.38	0	5	2	93	0.00	0.0	7.305	0.033	0	0	0	2
113506	PL.21253	C	Consumer	14.62Y	121.9	0.00	4.14	0.11	0	2	1	89	0.00	0.0	7.305	0.000	2	1	1	1
113505	PL.21253	C	Consumer	14.62Y	121.9	0.00	4.14	0.27	0	4	1	97	0.00	0.0	7.305	0.000	4	1	1	1
PL.8831	PL.9380	C	4ACSR	14.62Y	121.9	0.00	4.14	1.56	1	22	8	94	0.00	0.0	7.360	0.088	0	0	0	5
PL.8830	PL.8831	C	4ACSR	14.62Y	121.8	0.01	4.15	1.56	1	22	8	94	0.00	0.0	7.669	0.309	0	0	0	5
PL.46084	PL.8830	C	4ACSR	14.62Y	121.8	0.00	4.15	0.00	0	0	0	100	0.00	0.0	7.783	0.114	0	0	0	0
PD.50-A	PL.46084	C	Open	14.62Y	121.8	0.00	4.15	0.00	0	0	0	100	0.00	0.0	7.783	0.000	0	0	0	0
PL.22397	PL.8830	C	4ACSR	14.62Y	121.8	0.00	4.16	1.20	1	17	6	94	0.00	0.0	7.724	0.055	0	0	0	3
PL.21252	PL.22397	C	4ACSR	14.62Y	121.8	0.00	4.16	0.00	0	0	0	100	0.00	0.0	7.785	0.061	0	0	0	0
113502	PL.22397	C	Consumer	14.62Y	121.8	0.00	4.16	0.01	0	0	0	100	0.00	0.0	7.724	0.000	0	0	1	1
PL.28253	PL.22397	C	4ACSR	14.62Y	121.8	0.00	4.16	1.19	1	16	6	94	0.00	0.0	7.735	0.011	0	0	0	2
PD.802	PL.28253	C	fuse6AMP	14.62Y	121.8	0.00	4.16	1.19	20	16	6	94	0.00	0.0	7.735	0.000	0	0	0	2
PL.28254	PD.802	C	4ACSR	14.62Y	121.8	0.00	4.16	1.19	1	16	6	94	0.00	0.0	7.833	0.098	0	0	0	2
PL.28314	PL.28254	C	4ACSR	14.62Y	121.8	0.00	4.16	1.19	1	16	6	94	0.00	0.0	7.992	0.159	0	0	0	2
PL.22932	PL.28314	C	4ACSR	14.62Y	121.8	0.00	4.16	0.00	0	0	0	100	0.00	0.0	8.260	0.268	0	0	0	0
1136012	PL.22932	C	Consumer	14.62Y	121.8	0.00	4.16	0.00	0	0	0	100	0.00	0.0	8.260	0.000	0	0	0	0
PL.28315	PL.28314	C	4ACSR	14.62Y	121.8	0.00	4.16	1.19	1	16	6	94	0.00	0.0	8.050	0.058	0	0	0	2

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
114608	PL.28315	C	Consumer	14.62Y	121.8	0.00	4.16	0.40	0	5	2	93	0.00	0.0	8.050	0.000	5	2	1	1
114601	PL.28315	C	Consumer	14.62Y	121.8	0.00	4.16	0.79	0	11	4	94	0.00	0.0	8.050	0.000	11	4	1	1
PL.21255	PL.8830	C	4ACSR	14.62Y	121.8	0.00	4.16	0.36	0	5	2	93	0.00	0.0	7.966	0.297	0	0	0	2
PL.28249	PL.21255	C	4ACSR	14.62Y	121.8	0.00	4.16	0.36	0	5	2	93	0.00	0.0	7.982	0.016	0	0	0	2
PD.801	PL.28249	C	fuse6AMP	14.62Y	121.8	0.00	4.16	0.36	6	5	2	93	0.00	0.0	7.982	0.000	0	0	0	2
PL.28250	PD.801	C	4ACSR	14.62Y	121.8	0.00	4.16	0.36	0	5	2	93	0.00	0.0	8.245	0.263	0	0	0	2
PL.21251	PL.28250	C	4ACSR	14.62Y	121.8	0.00	4.16	0.20	0	3	1	95	0.00	0.0	8.300	0.055	0	0	0	1
113510	PL.21251	C	Consumer	14.62Y	121.8	0.00	4.16	0.20	0	3	1	95	0.00	0.0	8.300	0.000	3	1	1	1
PL.28313	PL.28250	C	4ACSR	14.62Y	121.8	0.00	4.16	0.16	0	2	1	89	0.00	0.0	8.464	0.219	0	0	0	1
113509	PL.28313	C	Consumer	14.62Y	121.8	0.00	4.16	0.16	0	2	1	89	0.00	0.0	8.464	0.000	2	1	1	1
113501	PL.21255	C	Consumer	14.62Y	121.8	0.00	4.16	0.00	0	0	0	100	0.00	0.0	7.966	0.000	0	0	0	0
PL.21254	PL.8831	C	4ACSR	14.62Y	121.9	0.00	4.14	0.00	0	0	0	100	0.00	0.0	7.592	0.232	0	0	0	0
PL.22940	PL.9379	C	4ACSR	14.64Y	122.0	0.00	4.03	0.00	0	0	0	100	0.00	0.0	6.337	0.122	0	0	0	1
113607	PL.22940	C	Consumer	14.64Y	122.0	0.00	4.03	0.00	0	0	0	100	0.00	0.0	6.337	0.000	0	0	1	1
PL.21331	PL.9377	C	4ACSR	14.64Y	122.0	0.00	4.00	0.58	0	8	3	94	0.00	0.0	6.096	0.027	0	0	0	1
PD.771	PL.21331	C	fuse6AMP	14.64Y	122.0	0.00	4.00	0.58	10	8	3	94	0.00	0.0	6.096	0.000	0	0	0	1
PL.21330	PD.771	C	4ACSR	14.64Y	122.0	0.00	4.00	0.58	0	8	3	94	0.00	0.0	6.164	0.068	0	0	0	1
112614	PL.21330	C	Consumer	14.64Y	122.0	0.00	4.00	0.58	0	8	3	94	0.00	0.0	6.164	0.000	8	3	1	1
PL.21332	PL.36524	C	4ACSR	14.64Y	122.0	0.00	3.96	0.02	0	0	0	100	0.00	0.0	5.935	0.028	0	0	0	1
PD.766	PL.21332	C	fuse6AMP	14.64Y	122.0	0.00	3.96	0.02	0	0	0	100	0.00	0.0	5.935	0.000	0	0	0	1
PL.21333	PD.766	C	4ACSR	14.64Y	122.0	0.00	3.96	0.02	0	0	0	100	0.00	0.0	6.305	0.370	0	0	0	1
PL.22916	PL.21333	C	4ACSR	14.64Y	122.0	0.00	3.96	0.02	0	0	0	100	0.00	0.0	6.523	0.218	0	0	0	1
112608	PL.22916	C	Consumer	14.64Y	122.0	0.00	3.96	0.02	0	0	0	100	0.00	0.0	6.523	0.000	0	0	1	1
112603	PL.25071	C	Consumer	14.65Y	122.1	0.00	3.94	0.50	0	7	2	96	0.00	0.0	5.831	0.000	7	2	1	1
112615	PL.25071	C	Consumer	14.65Y	122.1	0.00	3.94	0.04	0	1	0	100	0.00	0.0	5.831	0.000	1	0	1	1
PL.21326	PL.16815	C	4ACSR	14.65Y	122.1	0.00	3.92	0.68	1	9	3	95	0.00	0.0	5.759	0.021	0	0	0	2
PD.772	PL.21326	C	fuse8AMP	14.65Y	122.1	0.00	3.92	0.68	9	9	3	95	0.00	0.0	5.759	0.000	0	0	0	2
PL.21327	PD.772	C	4ACSR	14.65Y	122.1	0.00	3.92	0.68	1	9	3	95	0.00	0.0	5.848	0.088	0	0	0	2
PL.22914	PL.21327	C	4ACSR	14.65Y	122.1	0.00	3.92	0.68	1	9	3	95	0.00	0.0	5.927	0.080	0	0	0	2
112616	PL.22914	C	Consumer	14.65Y	122.1	0.00	3.92	0.63	0	9	3	95	0.00	0.0	5.927	0.000	9	3	1	1
112617	PL.22914	C	Consumer	14.65Y	122.1	0.00	3.92	0.05	0	1	0	100	0.00	0.0	5.927	0.000	1	0	1	1
PL.44737	PL.16815	C	2ACSR	14.65Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	5.757	0.018	0	0	0	0
PD.8596	PL.44737	C	fuse6AMP	14.65Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	5.757	0.000	0	0	0	0
PL.44738	PD.8596	C	2ACSR	14.65Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	5.944	0.187	0	0	0	0
1126025	PL.44738	C	Consumer	14.65Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	5.944	0.000	0	0	0	0
PL.21328	PL.5330	C	4ACSR	14.66Y	122.2	0.00	3.85	0.49	0	7	2	96	0.00	0.0	5.504	0.019	0	0	0	1
PD.770	PL.21328	C	fuse6AMP	14.66Y	122.2	0.00	3.85	0.49	8	7	2	96	0.00	0.0	5.504	0.000	0	0	0	1
PL.21329	PD.770	C	4ACSR	14.66Y	122.1	0.00	3.85	0.49	0	7	2	96	0.00	0.0	5.591	0.088	0	0	0	1

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.22913	PL.21329	C	4ACSR	14.66Y	122.1	0.00	3.85	0.49	0	7	2	96	0.00	0.0	5.638	0.046	0	0	0	1
112609	PL.22913	C	Consumer	14.66Y	122.1	0.00	3.85	0.49	0	7	2	96	0.00	0.0	5.638	0.000	7	2	1	1
112606	PL.5331	C	Consumer	14.66Y	122.2	0.00	3.82	0.08	0	1	0	100	0.00	0.0	5.377	0.000	1	0	1	1
PL.36518	PL.36516	C	4ACSR	14.68Y	122.3	0.00	3.66	0.31	0	4	2	89	0.00	0.0	4.881	0.005	0	0	0	1
PD.5656	PL.36518	C	fuse6AMP	14.68Y	122.3	0.00	3.66	0.31	5	4	2	89	0.00	0.0	4.881	0.000	0	0	0	1
PL.36519	PD.5656	C	4ACSR	14.68Y	122.3	0.00	3.66	0.31	0	4	2	89	0.00	0.0	4.917	0.037	0	0	0	1
112513	PL.36519	C	Consumer	14.68Y	122.3	0.00	3.66	0.31	0	4	2	89	0.00	0.0	4.917	0.000	4	2	1	1
112538	PL.5346	C	Consumer	14.72Y	122.7	0.00	3.35	0.61	0	8	3	94	0.00	0.0	4.263	0.000	8	3	1	1
112505	PL.5346	C	Consumer	14.72Y	122.7	0.00	3.35	0.32	0	4	2	89	0.00	0.0	4.263	0.000	4	2	1	1
112541	PL.5347	C	Consumer	14.72Y	122.7	0.00	3.31	0.07	0	1	0	100	0.00	0.0	4.192	0.000	1	0	1	1
112504	PL.5342	C	Consumer	14.73Y	122.7	0.00	3.29	0.48	0	7	2	96	0.00	0.0	4.160	0.000	7	2	1	1
112526	PL.27645	C	Consumer	14.74Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	4.014	0.000	0	0	1	1
PL.21321	PL.46015	C	4ACSR	14.74Y	122.9	0.00	3.15	0.33	0	5	2	93	0.00	0.0	3.930	0.023	0	0	0	2
PD.786	PL.21321	C	fuse6AMP	14.74Y	122.9	0.00	3.15	0.33	6	5	2	93	0.00	0.0	3.930	0.000	0	0	0	2
PL.21322	PD.786	C	4ACSR	14.74Y	122.9	0.00	3.15	0.33	0	5	2	93	0.00	0.0	4.066	0.136	0	0	0	2
PL.21629	PL.21322	C	4ACSR	14.74Y	122.9	0.00	3.15	0.06	0	1	0	100	0.00	0.0	4.128	0.062	0	0	0	1
112548	PL.21629	C	Consumer	14.74Y	122.9	0.00	3.15	0.06	0	1	0	100	0.00	0.0	4.128	0.000	1	0	1	1
112503	PL.21322	C	Consumer	14.74Y	122.9	0.00	3.15	0.27	0	4	1	97	0.00	0.0	4.066	0.000	4	1	1	1
PL.21320	PL.25061	A	4ACSR	15.13Y	126.1	0.00	-0.07	0.27	0	4	1	97	0.00	0.0	2.700	0.013	0	0	0	2
PD.787	PL.21320	A	fuse6AMP	15.13Y	126.1	0.00	-0.07	0.27	5	4	1	97	0.00	0.0	2.700	0.000	0	0	0	2
PL.21319	PD.787	A	4ACSR	15.13Y	126.1	0.00	-0.07	0.27	0	4	1	97	0.00	0.0	2.899	0.198	0	0	0	2
112401	PL.21319	A	Consumer	15.13Y	126.1	0.00	-0.07	0.26	0	4	1	97	0.00	0.0	2.899	0.000	4	1	1	1
PL.21624	PL.21319	A	4ACSR	15.13Y	126.1	-0.00	-0.07	0.00	0	0	0	100	0.00	0.0	2.988	0.089	0	0	0	1
112412	PL.21624	A	Consumer	15.13Y	126.1	0.00	-0.07	0.00	0	0	0	100	0.00	0.0	2.988	0.000	0	0	1	1
PL.17009	PL.25525	C	4ACSR	15.00Y	125.0	0.00	1.01	0.17	0	2	1	89	0.00	0.0	1.239	0.010	0	0	0	2
PD.793	PL.17009	C	fuse6AMP	15.00Y	125.0	0.00	1.01	0.17	3	2	1	89	0.00	0.0	1.239	0.000	0	0	0	2
PL.17008	PD.793	C	4ACSR	15.00Y	125.0	0.00	1.01	0.17	0	2	1	89	0.00	0.0	1.330	0.091	0	0	0	2
113303	PL.17008	C	Consumer	15.00Y	125.0	0.00	1.01	0.17	0	2	1	89	0.00	0.0	1.330	0.000	2	1	1	1
113401	PL.17008	C	Consumer	15.00Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	1.330	0.000	0	0	0	0
PL.151	PL.17008	C	4ACSR	15.00Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	1.432	0.102	0	0	0	1
113304	PL.151	C	Consumer	15.00Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	1.432	0.000	0	0	1	1
PL.17755	PL.25525	A	4ACSR	15.12Y	126.0	0.00	-0.02	0.42	0	6	2	95	0.00	0.0	1.245	0.016	0	0	0	1
PD.792	PL.17755	A	fuse6AMP	15.12Y	126.0	0.00	-0.02	0.42	7	6	2	95	0.00	0.0	1.245	0.000	0	0	0	1
PL.17754	PD.792	A	4ACSR	15.12Y	126.0	0.00	-0.02	0.42	0	6	2	95	0.00	0.0	1.390	0.145	0	0	0	1
114360	PL.17754	A	Consumer	15.12Y	126.0	0.00	-0.02	0.42	0	6	2	95	0.00	0.0	1.390	0.000	6	2	1	1
PL.39450	PL.32837	C	4ACSR	15.05Y	125.4	0.00	0.59	0.98	1	14	5	94	0.00	0.0	0.713	0.007	0	0	0	3
PD.795	PL.39450	C	fuse6AMP	15.05Y	125.4	0.00	0.59	0.98	17	14	5	94	0.00	0.0	0.713	0.000	0	0	0	3
PL.39453	PD.795	C	4ACSR	15.05Y	125.4	0.00	0.59	0.98	1	14	5	94	0.00	0.0	0.899	0.186	0	0	0	3

Unbalanced Voltage Drop Report
Source: THREE FORKS

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 (THRFRKS3) beginning with Device PD.3880.

Unbalanced Voltage Drop Report
Source: THREE FORKS

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 PL.14834, PL.20917, PD.891, PL.20918, 115428, 115423, PL.14835, PL.14836, PL.9418, PL.18501, PD.886, PL.18502, 115416, 115411, PL.18503, PD.885, PL.18504, 115404, PL.9623, 115412, PL.5493, PL.9624, 115407, PL.17732, PD.887, PL.17733, PL.777, 115415, PL.9625.

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: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	mi Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.9626	PL.9625	A	336ACSR	15.10Y	125.9	0.00	0.14	0.63	0	9	3	95	0.00	0.0	1.738	0.072	0	0	0	4
		B		15.13Y	126.1	-0.00	-0.06	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	126.0	0.00	0.05	0.36	0	5	2	94					0	0	0	2
115403	PL.9626	A	Consumer	15.10Y	125.9	0.00	0.14	0.10	0	1	1	71	0.00	0.0	1.738	0.000	1	1	1	1
PL.17730	PL.9626	A	336ACSR	15.10Y	125.9	0.00	0.14	0.53	0	8	3	94	0.00	0.0	1.812	0.074	0	0	0	3
		B		15.13Y	126.1	-0.00	-0.06	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	126.0	0.00	0.05	0.36	0	5	2	94					0	0	0	2
PD.71-A	PL.17730	A	Closed	15.10Y	125.9	0.00	0.14	0.53	0	8	3	94	0.00	0.0	1.812	0.000	0	0	0	3
		B		15.13Y	126.1	0.00	-0.06	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	126.0	0.00	0.05	0.36	0	5	2	94					0	0	0	2
PD.71-B	PD.71-A	A	Closed	15.10Y	125.9	0.00	0.14	0.53	0	8	3	94	0.00	0.0	1.812	0.000	0	0	0	3
		B		15.13Y	126.1	0.00	-0.06	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	126.0	0.00	0.05	0.36	0	5	2	94					0	0	0	2
PL.17731	PD.71-B	A	336ACSR	15.10Y	125.9	0.00	0.14	0.53	0	8	3	94	0.00	0.0	2.355	0.542	0	0	0	3
		B		15.13Y	126.1	-0.00	-0.06	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	126.0	0.00	0.05	0.36	0	5	2	94					0	0	0	2
PL.22294	PL.17731	A	336ACSR	15.10Y	125.9	0.00	0.14	0.53	0	8	3	94	0.00	0.0	2.558	0.203	0	0	0	3
		B		15.13Y	126.1	-0.00	-0.06	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.05	0.36	0	5	2	94					0	0	0	2
PD.2637-A	PL.22294	A	Closed	15.10Y	125.9	0.00	0.14	0.53	0	8	3	94	0.00	0.0	2.558	0.000	0	0	0	3
		B		15.13Y	126.1	0.00	-0.06	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.05	0.36	0	5	2	94					0	0	0	2
PD.2637-B	PD.2637-A	A	Closed	15.10Y	125.9	0.00	0.14	0.53	0	8	3	94	0.00	0.0	2.558	0.000	0	0	0	3
		B		15.13Y	126.1	0.00	-0.06	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.05	0.36	0	5	2	94					0	0	0	2
PL.22295	PD.2637-B	A	336ACSR	15.10Y	125.9	0.00	0.14	0.53	0	8	3	94	0.00	0.0	2.895	0.338	0	0	0	3
		B		15.13Y	126.1	-0.00	-0.06	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.05	0.36	0	5	2	94					0	0	0	2
PL.9627	PL.22295	A	336ACSR	15.10Y	125.9	0.00	0.14	0.53	0	8	3	94	0.00	0.0	2.955	0.060	0	0	0	3
		B		15.13Y	126.1	-0.00	-0.06	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.05	0.35	0	5	2	94					0	0	0	1
PL.17726	PL.9627	A	4ACSR	15.10Y	125.9	0.00	0.14	0.39	0	6	2	95	0.00	0.0	2.969	0.013	0	0	0	1
PD.889	PL.17726	A	fuse6AMP	15.10Y	125.9	0.00	0.14	0.39	7	6	2	95	0.00	0.0	2.969	0.000	0	0	0	1
PL.17727	PD.889	A	4ACSR	15.10Y	125.9	0.00	0.14	0.39	0	6	2	95	0.00	0.0	3.006	0.038	0	0	0	1
116544	PL.17727	A	Consumer	15.10Y	125.9	0.00	0.14	0.39	0	6	2	95	0.00	0.0	3.006	0.000	6	2	1	1
PL.9628	PL.9627	A	336ACSR	15.10Y	125.9	-0.00	0.14	0.13	0	2	1	89	0.00	0.0	3.202	0.246	0	0	0	2
		B		15.13Y	126.1	0.00	-0.06	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.05	0.35	0	5	2	94					0	0	0	1
PL.17724	PL.9628	A	4ACSR	15.10Y	125.9	0.00	0.14	0.13	0	2	1	89	0.00	0.0	3.218	0.016	0	0	0	2
PD.888	PL.17724	A	fuse6AMP	15.10Y	125.9	0.00	0.14	0.13	2	2	1	89	0.00	0.0	3.218	0.000	0	0	0	2
PL.17725	PD.888	A	4ACSR	15.10Y	125.9	0.00	0.14	0.13	0	2	1	89	0.00	0.0	3.282	0.064	0	0	0	2
PL.23693	PL.17725	A	4ACSR	15.10Y	125.9	0.00	0.14	0.11	0	2	1	89	0.00	0.0	3.327	0.045	0	0	0	1
116551	PL.23693	A	Consumer	15.10Y	125.9	0.00	0.14	0.11	0	2	1	89	0.00	0.0	3.327	0.000	2	1	1	1
116552	PL.17725	A	Consumer	15.10Y	125.9	0.00	0.14	0.02	0	0	0	100	0.00	0.0	3.282	0.000	0	0	1	1
PL.9629	PL.9628	A	336ACSR	15.10Y	125.9	-0.00	0.14	0.00	0	0	0	100	0.00	0.0	3.296	0.094	0	0	0	0
		B		15.13Y	126.1	0.00	-0.06	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.05	0.35	0	5	2	94					0	0	0	1
PL.9630	PL.9629	A	336ACSR	15.10Y	125.9	-0.00	0.14	0.00	0	0	0	100	0.00	0.0	3.462	0.166	0	0	0	0
		B		15.13Y	126.1	0.00	-0.06	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.05	0.35	0	5	2	94					0	0	0	1

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.9631	PL.9630	A	336ACSR	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	3.527	0.065	0	0	0	0		
		B		15.13Y	126.1	0.00	-0.06	0.00	0	0	0	100					0	0	0	0		
		C		15.11Y	125.9	0.00	0.05	0.00	0	0	0	100					0	0	0	0		
PL.17722	PL.9631	A	336ACSR	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	3.549	0.022	0	0	0	0		
		B		15.13Y	126.1	0.00	-0.06	0.00	0	0	0	100					0	0	0	0		
		C		15.11Y	125.9	0.00	0.05	0.00	0	0	0	100					0	0	0	0		
PD.70-A	PL.17722	A	Open	15.10Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	3.549	0.000	0	0	0	0		
		B		15.13Y	126.1	0.00	-0.06	0.00	0	0	0	100					0	0	0	0		
		C		15.11Y	125.9	0.00	0.05	0.00	0	0	0	100					0	0	0	0		
PL.23688	PL.9630	C	4ACSR	15.11Y	125.9	0.00	0.05	0.35	0	5	2	93	0.00	0.0	3.526	0.064	0	0	0	1		
116546	PL.23688	C	Consumer	15.11Y	125.9	0.00	0.05	0.35	0	5	2	93	0.00	0.0	3.526	0.000	5	2	1	1		
PL.17728	PL.22295	C	4ACSR	15.11Y	125.9	0.00	0.05	0.01	0	0	0	100	0.00	0.0	2.907	0.012	0	0	0	1		
PD.890	PL.17728	C	fuse6AMP	15.11Y	125.9	0.00	0.05	0.01	0	0	0	100	0.00	0.0	2.907	0.000	0	0	0	1		
PL.17729	PD.890	C	4ACSR	15.11Y	125.9	0.00	0.05	0.01	0	0	0	100	0.00	0.0	2.953	0.046	0	0	0	1		
116547	PL.17729	C	Consumer	15.11Y	125.9	0.00	0.05	0.01	0	0	0	100	0.00	0.0	2.953	0.000	0	0	1	1		
115420	PL.9625	B	Consumer	15.13Y	126.1	0.00	-0.06	0.06	0	1	0	100	0.00	0.0	1.666	0.000	1	0	1	1		
115406	PL.9625	B	Consumer	15.13Y	126.1	0.00	-0.06	0.17	0	2	1	89	0.00	0.0	1.666	0.000	2	1	1	1		
115414	PL.9625	B	Consumer	15.13Y	126.1	0.00	-0.06	0.01	0	0	0	100	0.00	0.0	1.666	0.000	0	0	1	1		
115419	PL.5493	B	Consumer	15.13Y	126.1	0.00	-0.06	0.24	0	3	1	95	0.00	0.0	1.549	0.000	3	1	1	1		
115417	PL.14836	B	Consumer	15.13Y	126.1	0.00	-0.06	0.24	0	3	1	95	0.00	0.0	1.302	0.000	3	1	1	1		
PL.23691	PL.14836	C	4ACSR	15.11Y	126.0	0.00	0.05	0.55	0	8	4	89	0.00	0.0	1.412	0.110	0	0	0	1		
115426	PL.23691	C	Consumer	15.11Y	126.0	0.00	0.05	0.55	0	8	4	89	0.00	0.0	1.412	0.000	8	4	1	1		
PL.9417	PL.14836	A	4ACSR	15.10Y	125.8	0.02	0.16	17.54	15	250	89	94	0.04	0.0	1.351	0.049	0	0	0	38		
PL.36714	PL.9417	A	4ACSR	15.10Y	125.8	0.00	0.16	0.54	0	8	3	94	0.00	0.0	1.358	0.007	0	0	0	1		
PD.5718	PL.36714	A	fuse6AMP	15.10Y	125.8	0.00	0.16	0.54	9	8	3	94	0.00	0.0	1.358	0.000	0	0	0	1		
PL.36715	PD.5718	A	4ACSR	15.10Y	125.8	0.00	0.16	0.54	0	8	3	94	0.00	0.0	1.419	0.061	0	0	0	1		
115421	PL.36715	A	Consumer	15.10Y	125.8	0.00	0.16	0.54	0	8	3	94	0.00	0.0	1.419	0.000	8	3	1	1		
PL.18222	PL.9417	A	4ACSR	15.10Y	125.8	0.00	0.16	17.01	14	242	86	94	0.00	0.0	1.357	0.005	0	0	0	37		
PD.3306	PL.18222	A	70L	15.10Y	125.8	0.00	0.16	17.01	24	242	86	94	0.00	0.0	1.357	0.000	0	0	0	37		
PL.18223	PD.3306	A	4ACSR	15.10Y	125.8	0.05	0.21	17.01	14	242	86	94	0.09	0.0	1.481	0.125	0	0	0	37		
PL.36716	PL.18223	A	4ACSR	15.10Y	125.8	0.00	0.21	1.08	1	15	5	95	0.00	0.0	1.488	0.006	0	0	0	2		
PD.5719	PL.36716	A	fuse6AMP	15.10Y	125.8	0.00	0.21	1.08	18	15	5	95	0.00	0.0	1.488	0.000	0	0	0	2		
PL.36717	PD.5719	A	4ACSR	15.10Y	125.8	0.00	0.21	1.08	1	15	5	95	0.00	0.0	1.525	0.037	0	0	0	2		
PL.801	PL.36717	A	4ACSR	15.09Y	125.8	0.00	0.21	0.78	1	11	4	94	0.00	0.0	1.624	0.099	0	0	0	1		
115401	PL.801	A	Consumer	15.09Y	125.8	0.00	0.21	0.78	0	11	4	94	0.00	0.0	1.624	0.000	11	4	1	1		
115427	PL.36717	A	Consumer	15.10Y	125.8	0.00	0.21	0.30	0	4	2	89	0.00	0.0	1.525	0.000	4	2	1	1		
PL.9416	PL.18223	A	4ACSR	15.09Y	125.8	0.03	0.24	15.93	13	226	81	94	0.05	0.0	1.563	0.081	0	0	0	35		
PL.36718	PL.9416	A	4ACSR	15.09Y	125.8	-0.00	0.24	0.01	0	0	0	100	0.00	0.0	1.569	0.006	0	0	0	1		
PD.5720	PL.36718	A	fuse6AMP	15.09Y	125.8	0.00	0.24	0.01	0	0	0	100	0.00	0.0	1.569	0.000	0	0	0	1		
PL.36719	PD.5720	A	4ACSR	15.09Y	125.8	-0.00	0.24	0.01	0	0	0	100	0.00	0.0	1.599	0.030	0	0	0	1		
115418	PL.36719	A	Consumer	15.09Y	125.8	0.00	0.24	0.01	0	0	0	100	0.00	0.0	1.599	0.000	0	0	1	1		

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.9415	PL.9416	A	4ACSR	15.09Y	125.7	0.02	0.25	15.92	13	226	81	94	0.03	0.0	1.605	0.042	0	0	0	34	
PL.9413	PL.9415	A	4ACSR	15.08Y	125.7	0.05	0.30	15.92	13	226	81	94	0.08	0.0	1.733	0.128	0	0	0	34	
115342	PL.9413	A	Consumer	15.08Y	125.7	0.00	0.30	0.54	0	8	3	94	0.00	0.0	1.733	0.000	8	3	1	1	
PL.9414	PL.9413	A	4ACSR	15.08Y	125.7	0.05	0.35	13.63	11	194	69	94	0.07	0.0	1.894	0.161	0	0	0	30	
PL.5474	PL.9414	A	4ACSR	15.08Y	125.6	0.02	0.37	13.31	11	189	67	94	0.03	0.0	1.973	0.080	0	0	0	29	
PL.5473	PL.5474	A	4ACSR	15.08Y	125.6	0.00	0.37	11.41	10	162	58	94	0.00	0.0	1.975	0.002	0	0	0	26	
PL.36722	PL.5473	A	4ACSR	15.08Y	125.6	0.00	0.37	10.91	9	155	55	94	0.00	0.0	1.986	0.010	0	0	0	25	
C PD.5722	PL.36722	A	fuse6AMP	15.08Y	125.6	0.00	0.37	10.91	186	155	55	94	0.00	0.0	1.986	0.000	0	0	0	25 C	
PL.36723	PD.5722	A	4ACSR	15.07Y	125.6	0.02	0.40	10.91	9	155	55	94	0.02	0.0	2.070	0.084	0	0	0	25	
PL.36695	PL.36723	A	4ACSR	15.07Y	125.6	0.00	0.40	0.35	0	5	2	93	0.00	0.0	2.080	0.010	0	0	0	1	
PL.36696	PL.36695	A	4ACSR	15.07Y	125.6	0.00	0.40	0.35	0	5	2	93	0.00	0.0	2.128	0.048	0	0	0	1	
1153113	PL.36696	A	Consumer	15.07Y	125.6	0.00	0.40	0.35	0	5	2	93	0.00	0.0	2.128	0.000	5	2	1	1	
115395	PL.36723	A	Consumer	15.07Y	125.6	0.00	0.40	0.62	0	9	3	95	0.00	0.0	2.070	0.000	9	3	1	1	
PL.25385	PL.36723	A	4ACSR	15.07Y	125.6	0.01	0.40	9.94	8	141	50	94	0.01	0.0	2.105	0.035	0	0	0	23	
PL.25386	PL.25385	A	4ACSR	15.07Y	125.6	0.01	0.41	9.40	8	133	48	94	0.01	0.0	2.139	0.034	0	0	0	22	
115307	PL.25386	A	Consumer	15.07Y	125.6	0.00	0.41	1.10	0	16	6	94	0.00	0.0	2.139	0.000	16	6	1	1	
115351	PL.25386	A	Consumer	15.07Y	125.6	0.00	0.41	0.02	0	0	0	100	0.00	0.0	2.139	0.000	0	0	1	1	
PL.5479	PL.25386	A	4ACSR	15.07Y	125.6	0.01	0.42	8.28	7	118	42	94	0.01	0.0	2.184	0.046	0	0	0	20	
PL.25384	PL.5479	A	4ACSR	15.07Y	125.6	0.01	0.43	8.25	7	117	42	94	0.01	0.0	2.246	0.061	0	0	0	19	
115329	PL.25384	A	Consumer	15.07Y	125.6	0.00	0.43	1.05	0	15	5	95	0.00	0.0	2.246	0.000	15	5	1	1	
PL.36699	PL.25384	A	4ACSR	15.07Y	125.6	0.00	0.43	2.02	2	29	10	95	0.00	0.0	2.257	0.011	0	0	0	7	
PL.45479	PL.36699	A	4ACSR	15.07Y	125.6	0.00	0.43	2.02	2	29	10	95	0.00	0.0	2.265	0.008	0	0	0	7	
PD.8653	PL.45479	A	fuse6AMP	15.07Y	125.6	0.00	0.43	2.02	35	29	10	95	0.00	0.0	2.265	0.000	0	0	0	7	
PL.45480	PD.8653	A	4ACSR	15.07Y	125.6	0.00	0.43	2.02	2	29	10	95	0.00	0.0	2.326	0.061	0	0	0	7	
PL.21948	PL.45480	A	4ACSR	15.07Y	125.6	0.00	0.44	1.78	1	25	9	94	0.00	0.0	2.418	0.092	0	0	0	6	
115335	PL.21948	A	Consumer	15.07Y	125.6	0.00	0.44	0.28	0	4	1	97	0.00	0.0	2.418	0.000	4	1	1	1	
PL.21944	PL.21948	A	4ACSR	15.07Y	125.6	0.00	0.44	1.50	1	21	8	93	0.00	0.0	2.483	0.065	0	0	0	5	
PL.21947	PL.21944	A	4ACSR	15.07Y	125.6	0.00	0.44	1.08	1	15	5	95	0.00	0.0	2.581	0.098	0	0	0	3	
PL.27475	PL.21947	A	4ACSR	15.07Y	125.6	0.00	0.44	1.08	1	15	5	95	0.00	0.0	2.631	0.050	0	0	0	3	
PL.33904	PL.27475	A	4ACSR	15.07Y	125.6	0.00	0.45	0.86	1	12	4	95	0.00	0.0	2.770	0.139	0	0	0	2	
PL.33905	PL.33904	A	4ACSR	15.07Y	125.6	0.00	0.45	0.86	1	12	4	95	0.00	0.0	2.864	0.094	0	0	0	2	
116317	PL.33905	A	Consumer	15.07Y	125.6	0.00	0.45	0.44	0	6	2	95	0.00	0.0	2.864	0.000	6	2	1	1	
116316	PL.33905	A	Consumer	15.07Y	125.6	0.00	0.45	0.42	0	6	2	95	0.00	0.0	2.864	0.000	6	2	1	1	
1163018	PL.33904	A	Consumer	15.07Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	2.770	0.000	0	0	0	0	
PL.27476	PL.27475	A	4ACSR	15.07Y	125.6	0.00	0.44	0.23	0	3	1	95	0.00	0.0	2.650	0.019	0	0	0	1	
116311	PL.27476	A	Consumer	15.07Y	125.6	0.00	0.44	0.23	0	3	1	95	0.00	0.0	2.650	0.000	3	1	1	1	
PL.21945	PL.21944	A	4ACSR	15.07Y	125.6	0.00	0.44	0.05	0	1	0	100	0.00	0.0	2.537	0.054	0	0	0	1	
115339	PL.21945	A	Consumer	15.07Y	125.6	0.00	0.44	0.05	0	1	0	100	0.00	0.0	2.537	0.000	1	0	1	1	

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.21946	PL.21944	A	4ACSR	15.07Y	125.6	0.00	0.44	0.36	0	5	2	93	0.00	0.0	2.618	0.135	0	0	0	1
115349	PL.21946	A	Consumer	15.07Y	125.6	0.00	0.44	0.36	0	5	2	93	0.00	0.0	2.618	0.000	5	2	1	1
115355	PL.21946	A	Consumer	15.07Y	125.6	0.00	0.44	0.00	0	0	0	100	0.00	0.0	2.618	0.000	0	0	0	0
PL.21943	PL.45480	A	4ACSR	15.07Y	125.6	0.00	0.44	0.25	0	4	1	97	0.00	0.0	2.440	0.114	0	0	0	1
116309	PL.21943	A	Consumer	15.07Y	125.6	0.00	0.44	0.25	0	4	1	97	0.00	0.0	2.440	0.000	4	1	1	1
PL.18858	PL.25384	A	4ACSR	15.07Y	125.6	0.00	0.43	5.18	4	74	26	94	0.00	0.0	2.261	0.015	0	0	0	11
PD.8134-A	PL.18858	A	Closed	15.07Y	125.6	0.00	0.43	5.18	0	74	26	94	0.00	0.0	2.261	0.000	0	0	0	11
PD.8134-B	PD.8134-A	A	Closed	15.07Y	125.6	0.00	0.43	5.18	0	74	26	94	0.00	0.0	2.261	0.000	0	0	0	11
PL.18859	PD.8134-B	A	4ACSR	15.07Y	125.6	0.01	0.44	5.18	4	74	26	94	0.01	0.0	2.347	0.087	0	0	0	11
PL.25383	PL.18859	A	4ACSR	15.07Y	125.6	0.00	0.45	4.47	4	63	23	94	0.00	0.0	2.379	0.031	0	0	0	9
PL.25381	PL.25383	A	4ACSR	15.06Y	125.5	0.01	0.46	3.97	3	56	20	94	0.01	0.0	2.541	0.162	0	0	0	8
PL.25382	PL.25381	A	4ACSR	15.06Y	125.5	0.00	0.46	2.20	2	31	11	94	0.00	0.0	2.581	0.041	0	0	0	4
115319	PL.25382	A	Consumer	15.06Y	125.5	0.00	0.46	0.94	0	13	5	93	0.00	0.0	2.581	0.000	13	5	1	1
PL.25379	PL.25382	A	4ACSR	15.06Y	125.5	0.00	0.46	1.26	1	18	6	95	0.00	0.0	2.654	0.073	0	0	0	3
PL.36710	PL.25379	A	4ACSR	15.06Y	125.5	0.00	0.46	0.00	0	0	0	100	0.00	0.0	2.663	0.009	0	0	0	0
PD.5716	PL.36710	A	fuse6AMP	15.06Y	125.5	0.00	0.46	0.00	0	0	0	100	0.00	0.0	2.663	0.000	0	0	0	0
PL.36711	PD.5716	A	4ACSR	15.06Y	125.5	0.00	0.46	0.00	0	0	0	100	0.00	0.0	2.703	0.041	0	0	0	0
PL.25380	PL.25379	A	4ACSR	15.06Y	125.5	0.00	0.47	0.71	1	10	4	93	0.00	0.0	2.714	0.060	0	0	0	2
1153103	PL.25380	A	Consumer	15.06Y	125.5	0.00	0.47	0.37	0	5	2	93	0.00	0.0	2.714	0.000	5	2	1	1
PL.25373	PL.25380	A	4ACSR	15.06Y	125.5	0.00	0.47	0.34	0	5	2	93	0.00	0.0	2.736	0.023	0	0	0	1
PL.36713	PL.25373	A	4ACSR	15.06Y	125.5	0.00	0.47	0.34	0	5	2	93	0.00	0.0	2.745	0.009	0	0	0	1
PD.5717	PL.36713	A	fuse6AMP	15.06Y	125.5	0.00	0.47	0.34	6	5	2	93	0.00	0.0	2.745	0.000	0	0	0	1
PL.36712	PD.5717	A	4ACSR	15.06Y	125.5	0.00	0.47	0.34	0	5	2	93	0.00	0.0	2.792	0.047	0	0	0	1
115331	PL.36712	A	Consumer	15.06Y	125.5	0.00	0.47	0.34	0	5	2	93	0.00	0.0	2.792	0.000	5	2	1	1
PL.45481	PL.25373	A	4ACSR	15.06Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	2.805	0.068	0	0	0	0
PD.68-A	PL.45481	A	Open	15.06Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	2.805	0.000	0	0	0	0
115386	PL.25379	A	Consumer	15.06Y	125.5	0.00	0.46	0.00	0	0	0	100	0.00	0.0	2.654	0.000	0	0	0	0
115317	PL.25379	A	Consumer	15.06Y	125.5	0.00	0.46	0.55	0	8	3	94	0.00	0.0	2.654	0.000	8	3	1	1
PL.36708	PL.25381	A	4ACSR	15.06Y	125.5	0.00	0.46	1.37	1	19	7	94	0.00	0.0	2.544	0.003	0	0	0	2
PD.5715	PL.36708	A	fuse6AMP	15.06Y	125.5	0.00	0.46	1.37	23	19	7	94	0.00	0.0	2.544	0.000	0	0	0	2
PL.36709	PD.5715	A	4ACSR	15.06Y	125.5	0.00	0.46	1.37	1	19	7	94	0.00	0.0	2.583	0.039	0	0	0	2
PL.22132	PL.36709	A	4ACSR	15.06Y	125.5	0.00	0.46	0.44	0	6	2	95	0.00	0.0	2.627	0.044	0	0	0	1
115399	PL.22132	A	Consumer	15.06Y	125.5	0.00	0.46	0.44	0	6	2	95	0.00	0.0	2.627	0.000	6	2	1	1
PL.22127	PL.36709	A	4ACSR	15.06Y	125.5	0.00	0.46	0.93	1	13	5	93	0.00	0.0	2.648	0.065	0	0	0	1
115353	PL.22127	A	Consumer	15.06Y	125.5	0.00	0.46	0.93	0	13	5	93	0.00	0.0	2.648	0.000	13	5	1	1
PL.45485	PL.25381	A	4ACSR	15.06Y	125.5	0.00	0.46	0.40	0	6	2	95	0.00	0.0	2.554	0.013	0	0	0	2
PD.8654	PL.45485	A	fuse6AMP	15.06Y	125.5	0.00	0.46	0.40	7	6	2	95	0.00	0.0	2.554	0.000	0	0	0	2
PL.45486	PD.8654	A	4ACSR	15.06Y	125.5	0.00	0.46	0.40	0	6	2	95	0.00	0.0	2.564	0.010	0	0	0	2

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.21940	PL.45486	A	4ACSR	15.06Y	125.5	0.00	0.46	0.40	0	6	2	95	0.00	0.0	2.609	0.044	0	0	0	2
PL.21941	PL.21940	A	4ACSR	15.06Y	125.5	0.00	0.46	0.40	0	6	2	95	0.00	0.0	2.663	0.055	0	0	0	2
PL.21935	PL.21941	A	4ACSR	15.06Y	125.5	0.00	0.46	0.40	0	6	2	95	0.00	0.0	2.745	0.082	0	0	0	2
PL.22402	PL.21935	A	4ACSR	15.06Y	125.5	0.00	0.46	0.10	0	1	0	100	0.00	0.0	2.812	0.067	0	0	0	1
PL.22403	PL.22402	A	4ACSR	15.06Y	125.5	-0.00	0.46	0.10	0	1	0	100	0.00	0.0	2.812	0.000	0	0	0	1
116312	PL.22403	A	Consumer	15.06Y	125.5	0.00	0.46	0.10	0	1	0	100	0.00	0.0	2.812	0.000	1	0	1	1
PL.21936	PL.21935	A	4ACSR	15.06Y	125.5	0.00	0.46	0.30	0	4	2	89	0.00	0.0	2.795	0.050	0	0	0	1
116308	PL.21936	A	Consumer	15.06Y	125.5	0.00	0.46	0.30	0	4	2	89	0.00	0.0	2.795	0.000	4	2	1	1
115327	PL.25383	A	Consumer	15.07Y	125.6	0.00	0.45	0.51	0	7	3	92	0.00	0.0	2.379	0.000	7	3	1	1
PL.36703	PL.18859	A	4ACSR	15.07Y	125.6	0.00	0.44	0.71	1	10	4	93	0.00	0.0	2.352	0.004	0	0	0	2
PD.5714	PL.36703	A	fuse6AMP	15.07Y	125.6	0.00	0.44	0.71	12	10	4	93	0.00	0.0	2.352	0.000	0	0	0	2
PL.36706	PD.5714	A	4ACSR	15.07Y	125.6	0.00	0.44	0.71	1	10	4	93	0.00	0.0	2.357	0.005	0	0	0	2
PL.36707	PL.36706	A	4ACSR	15.07Y	125.6	0.00	0.44	0.48	0	7	2	96	0.00	0.0	2.432	0.075	0	0	0	1
115359	PL.36707	A	Consumer	15.07Y	125.6	0.00	0.44	0.48	0	7	2	96	0.00	0.0	2.432	0.000	7	2	1	1
1153147	PL.36707	A	Consumer	15.07Y	125.6	0.00	0.44	0.00	0	0	0	100	0.00	0.0	2.432	0.000	0	0	0	0
PL.36705	PL.36706	A	4ACSR	15.07Y	125.6	0.00	0.44	0.23	0	3	1	95	0.00	0.0	2.389	0.032	0	0	0	1
115328	PL.36705	A	Consumer	15.07Y	125.6	0.00	0.44	0.23	0	3	1	95	0.00	0.0	2.389	0.000	3	1	1	1
1153116	PL.5479	A	Consumer	15.07Y	125.6	0.00	0.42	0.02	0	0	0	100	0.00	0.0	2.184	0.000	0	0	1	1
PL.36697	PL.25385	A	4ACSR	15.07Y	125.6	0.00	0.40	0.54	0	8	3	94	0.00	0.0	2.110	0.005	0	0	0	1
PD.5710	PL.36697	A	fuse6AMP	15.07Y	125.6	0.00	0.40	0.54	9	8	3	94	0.00	0.0	2.110	0.000	0	0	0	1
PL.36698	PD.5710	A	4ACSR	15.07Y	125.6	0.00	0.40	0.54	0	8	3	94	0.00	0.0	2.138	0.028	0	0	0	1
115375	PL.36698	A	Consumer	15.07Y	125.6	0.00	0.40	0.54	0	8	3	94	0.00	0.0	2.138	0.000	8	3	1	1
115314	PL.5473	A	Consumer	15.08Y	125.6	0.00	0.37	0.50	0	7	3	92	0.00	0.0	1.975	0.000	7	3	1	1
PL.25387	PL.5474	A	4ACSR	15.08Y	125.6	0.00	0.37	1.90	2	27	10	94	0.00	0.0	2.051	0.078	0	0	0	3
1153146	PL.25387	A	Consumer	15.08Y	125.6	0.00	0.37	0.57	0	8	3	94	0.00	0.0	2.051	0.000	8	3	1	1
PL.36724	PL.25387	A	4ACSR	15.08Y	125.6	0.00	0.37	1.33	1	19	7	94	0.00	0.0	2.057	0.005	0	0	0	2
PD.5723	PL.36724	A	fuse6AMP	15.08Y	125.6	0.00	0.37	1.33	23	19	7	94	0.00	0.0	2.057	0.000	0	0	0	2
PL.36725	PD.5723	A	4ACSR	15.07Y	125.6	0.00	0.38	1.33	1	19	7	94	0.00	0.0	2.122	0.065	0	0	0	2
115340	PL.36725	A	Consumer	15.07Y	125.6	0.00	0.38	0.43	0	6	2	95	0.00	0.0	2.122	0.000	6	2	1	1
1153101	PL.36725	A	Consumer	15.07Y	125.6	0.00	0.38	0.91	0	13	5	93	0.00	0.0	2.122	0.000	13	5	1	1
PL.45477	PL.25387	A	4ACSR	15.08Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	2.199	0.148	0	0	0	0
PD.3660-A	PL.45477	A	Open	15.08Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	2.199	0.000	0	0	0	0
1153112	PL.9414	A	Consumer	15.08Y	125.7	0.00	0.35	0.33	0	5	2	93	0.00	0.0	1.894	0.000	5	2	1	1
PL.36720	PL.9413	A	4ACSR	15.08Y	125.7	0.00	0.30	1.75	1	25	9	94	0.00	0.0	1.741	0.009	0	0	0	3
PD.5721	PL.36720	A	fuse6AMP	15.08Y	125.7	0.00	0.30	1.75	30	25	9	94	0.00	0.0	1.741	0.000	0	0	0	3
PL.36721	PD.5721	A	4ACSR	15.08Y	125.7	0.01	0.30	1.75	1	25	9	94	0.00	0.0	1.884	0.143	0	0	0	3
115336	PL.36721	A	Consumer	15.08Y	125.7	0.00	0.30	0.71	0	10	4	93	0.00	0.0	1.884	0.000	10	4	1	1
115346	PL.36721	A	Consumer	15.08Y	125.7	0.00	0.30	0.05	0	1	0	100	0.00	0.0	1.884	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: THREE FORKS

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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 Drop	% Amps	Thru Cap	KW	KVAR							% PF
PL.21934	PL.36721	A	4ACSR	15.08Y	125.7	0.00	0.31	0.99	1	14	5	94	0.00	0.0	1.972	0.088	0	0	0	1
115337	PL.21934	A	Consumer	15.08Y	125.7	0.00	0.31	0.99	0	14	5	94	0.00	0.0	1.972	0.000	14	5	1	1
PL.23690	PL.14835	B	4ACSR	15.13Y	126.1	0.00	-0.05	0.40	0	6	2	95	0.00	0.0	1.295	0.068	0	0	0	1
115422	PL.23690	B	Consumer	15.13Y	126.1	0.00	-0.05	0.40	0	6	2	95	0.00	0.0	1.295	0.000	6	2	1	1
PL.152	PL.29041	A	336ACSR	15.12Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	0.479	0.168	0	0	0	0
		B		15.12Y	126.0	0.00	-0.01	0.00	0	0	0	100			0		0	0	0	0
		C		15.12Y	126.0	0.00	0.01	0.00	0	0	0	100			0		0	0	0	0
PL.29188	PD.3665	C	4ACSR	15.12Y	126.0	0.00	0.00	2.24	2	32	11	95	0.00	0.0	0.040	0.030	0	0	0	5
PL.29195	PL.29188	C	4ACSR	15.12Y	126.0	0.00	0.01	2.24	2	32	11	95	0.00	0.0	0.130	0.090	0	0	0	5
PL.28300	PL.29195	C	4ACSR	15.12Y	126.0	0.00	0.01	1.84	2	26	9	94	0.00	0.0	0.206	0.077	0	0	0	3
PL.21919	PL.28300	C	4ACSR	15.12Y	126.0	0.00	0.01	1.84	2	26	9	94	0.00	0.0	0.236	0.029	0	0	0	3
PL.767	PL.21919	C	4ACSR	15.12Y	126.0	0.00	0.01	1.03	1	15	5	95	0.00	0.0	0.274	0.039	0	0	0	2
115360	PL.767	C	Consumer	15.12Y	126.0	0.00	0.01	0.28	0	4	1	97	0.00	0.0	0.274	0.000	4	1	1	1
115344	PL.767	C	Consumer	15.12Y	126.0	0.00	0.01	0.75	0	11	4	94	0.00	0.0	0.274	0.000	11	4	1	1
PL.25523	PL.21919	C	4ACSR	15.12Y	126.0	0.00	0.01	0.81	1	12	4	95	0.00	0.0	0.332	0.096	0	0	0	1
115302	PL.25523	C	Consumer	15.12Y	126.0	0.00	0.01	0.81	0	12	4	95	0.00	0.0	0.332	0.000	12	4	1	1
114356	PL.29195	C	Consumer	15.12Y	126.0	0.00	0.01	0.04	0	1	0	100	0.00	0.0	0.130	0.000	1	0	1	1
114336	PL.29195	C	Consumer	15.12Y	126.0	0.00	0.01	0.36	0	5	2	93	0.00	0.0	0.130	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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	5100	0	0	0	0	0	51		0.00	5151
KVAR	1830	0	0	-9	0	0	51			1871

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 124.26 volts on PL.22394	1.74 volts on PL.22394	0.33 volts on PL.16
B-Phase -> 124.40 volts on PL.30925	1.60 volts on PL.30925	0.26 volts on PL.16810
C-Phase -> 120.79 volts on PL.5070	5.21 volts on PL.5070	0.83 volts on PL.16810

Unbalanced Voltage Drop Report
Source: TRAPP

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. 3 (TRAPP3) Beginning with Device PD.3929.

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.2146-B	PD.2146-A	A	Closed	7.54Y	125.6	0.00	0.41	38.53	0	281	72	97	0.00	0.0	0.727	0.000	0	0	0	84		
		B		7.57Y	126.1	0.00	-0.14	8.99	0	57	-37	-84					0	0	0	10		
		C		7.55Y	125.8	0.00	0.21	16.29	0	123	-5	-100					0	0	0	41		
PL.16990	PD.2146-B	A	1/0ACSR	7.53Y	125.6	0.03	0.44	38.53	19	281	72	97	0.07	0.0	0.765	0.038	0	0	0	84		
		B		7.57Y	126.1	-0.01	-0.15	8.99	4	57	-37	-84					0	0	0	10		
		C		7.55Y	125.8	0.01	0.23	16.29	8	123	-5	-100					0	0	0	41		
PL.16989	PL.16990	A	1/0ACSR	7.53Y	125.5	0.03	0.47	40.94	20	281	127	91	0.06	0.0	0.794	0.029	0	0	0	84		
		B		7.57Y	126.1	-0.00	-0.15	7.96	4	57	19	95					0	0	0	10		
		C		7.55Y	125.8	0.01	0.24	17.56	9	123	50	93					0	0	0	41		
PL.45890	PL.16989	C	2ACSR	7.55Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	0.834	0.041	0	0	0	0		
0697063	PL.45890	C	Consumer	7.55Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	0.834	0.000	0	0	0	0		
PL.10544	PL.16989	A	1/0ACSR	7.53Y	125.5	0.07	0.54	40.23	20	276	124	91	0.15	0.0	0.873	0.080	0	0	0	83		
		B		7.57Y	126.2	-0.01	-0.16	7.96	4	57	19	95					0	0	0	10		
		C		7.54Y	125.7	0.04	0.28	17.56	9	123	50	93					0	0	0	41		
PL.16992	PL.10544	C	4ACSR	7.54Y	125.7	0.00	0.28	1.17	1	8	4	89	0.00	0.0	0.881	0.008	0	0	0	1		
PD.3134	PL.16992	C	fuse6AMP	7.54Y	125.7	0.00	0.28	1.17	20	8	4	89	0.00	0.0	0.881	0.000	0	0	0	1		
PL.16993	PD.3134	C	4ACSR	7.54Y	125.7	0.00	0.28	1.17	1	8	4	89	0.00	0.0	0.937	0.055	0	0	0	1		
069743	PL.16993	C	Consumer	7.54Y	125.7	0.00	0.28	1.17	0	8	4	89	0.00	0.0	0.937	0.000	8	4	1	1		
069739	PL.16993	C	Consumer	7.54Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	0.937	0.000	0	0	0	0		
069702	PL.16993	C	Consumer	7.54Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	0.937	0.000	0	0	0	0		
PL.10545	PL.10544	A	1/0ACSR	7.52Y	125.4	0.08	0.61	39.43	20	271	122	91	0.15	0.0	0.957	0.084	0	0	0	82		
		B		7.57Y	126.2	-0.01	-0.17	7.96	4	57	19	95					0	0	0	10		
		C		7.54Y	125.7	0.04	0.31	16.40	8	115	46	93					0	0	0	40		
PL.27367	PL.10545	A	4ACSR	7.52Y	125.4	0.00	0.61	1.79	2	12	6	89	0.00	0.0	0.966	0.008	0	0	0	2		
PD.3137	PL.27367	A	fuse6AMP	7.52Y	125.4	0.00	0.61	1.79	30	12	6	89	0.00	0.0	0.966	0.000	0	0	0	2		
PL.27368	PD.3137	A	4ACSR	7.52Y	125.4	0.00	0.62	1.79	2	12	6	89	0.00	0.0	1.002	0.036	0	0	0	2		
069718	PL.27368	A	Consumer	7.52Y	125.4	0.00	0.62	0.94	0	6	3	89	0.00	0.0	1.002	0.000	6	3	1	1		
069610	PL.27368	A	Consumer	7.52Y	125.4	0.00	0.62	0.84	0	6	3	89	0.00	0.0	1.002	0.000	6	3	1	1		
PL.10989	PL.10545	A	1/0ACSR	7.52Y	125.4	0.03	0.64	37.65	19	259	116	91	0.05	0.0	0.987	0.030	0	0	0	80		
		B		7.57Y	126.2	-0.00	-0.17	7.96	4	57	19	95					0	0	0	10		
		C		7.54Y	125.7	0.01	0.32	16.40	8	115	46	93					0	0	0	40		
PL.16994	PL.10989	C	4ACSR	7.54Y	125.7	0.00	0.33	3.13	3	21	10	90	0.00	0.0	0.996	0.009	0	0	0	8		
PD.3135	PL.16994	C	fuse6AMP	7.54Y	125.7	0.00	0.33	3.13	53	21	10	90	0.00	0.0	0.996	0.000	0	0	0	8		
PL.16995	PD.3135	C	4ACSR	7.54Y	125.7	0.00	0.33	3.13	3	21	10	90	0.00	0.0	1.025	0.029	0	0	0	8		
PL.25193	PL.16995	C	4ACSR	7.54Y	125.7	0.01	0.34	2.45	2	17	8	90	0.00	0.0	1.088	0.063	0	0	0	7		
069609	PL.25193	C	Consumer	7.54Y	125.7	0.00	0.34	0.08	0	1	0	100	0.00	0.0	1.088	0.000	1	0	1	1		
PL.25192	PL.25193	C	4ACSR	7.54Y	125.7	0.01	0.34	2.37	2	16	8	89	0.00	0.0	1.143	0.054	0	0	0	6		
PL.3901	PL.25192	C	4ACSR	7.54Y	125.7	0.00	0.34	0.00	0	0	0	100	0.00	0.0	1.211	0.068	0	0	0	0		
069633	PL.3901	C	Consumer	7.54Y	125.7	0.00	0.34	0.00	0	0	0	100	0.00	0.0	1.211	0.000	0	0	0	0		
PL.4414	PL.25192	C	4ACSR	7.54Y	125.7	0.00	0.35	0.69	1	5	2	93	0.00	0.0	1.255	0.113	0	0	0	3		
069626	PL.4414	C	Consumer	7.54Y	125.7	0.00	0.35	0.22	0	1	1	71	0.00	0.0	1.255	0.000	1	1	1	1		
069625	PL.4414	C	Consumer	7.54Y	125.7	0.00	0.35	0.04	0	0	0	100	0.00	0.0	1.255	0.000	0	0	1	1		
069612	PL.4414	C	Consumer	7.54Y	125.7	0.00	0.35	0.43	0	3	1	95	0.00	0.0	1.255	0.000	3	1	1	1		
PL.4413	PL.25192	C	4ACSR	7.54Y	125.7	0.00	0.35	1.68	1	11	5	91	0.00	0.0	1.201	0.059	0	0	0	3		

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.4150	PL.4413	C	4ACSR	7.54Y	125.6	0.01	0.35	1.02	1	7	3	92	0.00	0.0	1.328	0.127	0	0	0	1	
069630	PL.4150	C	Consumer	7.54Y	125.6	0.00	0.35	1.02	0	7	3	92	0.00	0.0	1.328	0.000	7	3	1	1	
069635	PL.4413	C	Consumer	7.54Y	125.7	0.00	0.35	0.56	0	4	2	89	0.00	0.0	1.201	0.000	4	2	1	1	
069608	PL.4413	C	Consumer	7.54Y	125.7	0.00	0.35	0.10	0	1	0	100	0.00	0.0	1.201	0.000	1	0	1	1	
069611	PL.16995	C	Consumer	7.54Y	125.7	0.00	0.33	0.69	0	5	2	93	0.00	0.0	1.025	0.000	5	2	1	1	
PL.10990	PL.10989	A	1/0ACSR	7.52Y	125.3	0.09	0.73	37.01	18	254	114	91	0.16	0.0	1.093	0.106	0	0	0	79	
		B		7.57Y	126.2	-0.01	-0.19	7.96	4	57	19	95					0	0	0	10	
		C		7.54Y	125.6	0.04	0.36	13.27	7	93	36	93					0	0	0	32	
PL.10992	PL.10990	A	1/0ACSR	7.51Y	125.2	0.03	0.76	37.01	18	254	113	91	0.05	0.0	1.125	0.032	0	0	0	79	
		B		7.57Y	126.2	-0.00	-0.19	7.14	4	52	16	96					0	0	0	8	
		C		7.54Y	125.6	0.01	0.37	13.27	7	93	36	93					0	0	0	32	
PL.10991	PL.10992	A	1/0ACSR	7.51Y	125.2	0.04	0.79	37.01	18	254	113	91	0.06	0.0	1.167	0.042	0	0	0	79	
		B		7.57Y	126.2	-0.01	-0.20	6.60	3	48	14	96					0	0	0	7	
		C		7.54Y	125.6	0.01	0.39	13.27	7	93	36	93					0	0	0	32	
PL.364	PL.10991	A	4ACSR	7.51Y	125.2	0.01	0.81	5.47	5	37	18	90	0.01	0.0	1.225	0.059	0	0	0	10	
		B		7.57Y	126.2	-0.00	-0.20	0.00	0	0	0	100					0	0	0	0	
		C		7.54Y	125.6	0.01	0.39	2.75	2	19	9	90					0	0	0	6	
069622	PL.364	C	Consumer	7.54Y	125.6	0.00	0.39	0.00	0	0	0	100	0.00	0.0	1.225	0.000	0	0	1	1	
PL.27371	PL.364	A	4ACSR	7.51Y	125.2	0.01	0.81	5.47	5	37	18	90	0.00	0.0	1.248	0.022	0	0	0	10	
C PD.3140	PL.27371	A	fuse6AMP	7.51Y	125.2	0.00	0.81	5.47	93	37	18	90	0.00	0.0	1.248	0.000	0	0	0	10 C	
PL.27372	PD.3140	A	4ACSR	7.51Y	125.1	0.05	0.86	5.47	5	37	18	90	0.01	0.0	1.428	0.181	0	0	0	10	
069617	PL.27372	A	Consumer	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	1.428	0.000	0	0	0	0	
PL.10995	PL.27372	A	4ACSR	7.50Y	125.0	0.11	0.96	5.47	5	37	18	90	0.03	0.1	1.855	0.426	0	0	0	10	
PL.10996	PL.10995	A	4ACSR	7.50Y	125.0	0.02	0.98	4.54	4	31	15	90	0.00	0.0	1.932	0.078	0	0	0	7	
PL.3946	PL.10996	A	4ACSR	7.50Y	125.0	0.00	0.98	0.37	0	3	1	95	0.00	0.0	2.089	0.157	0	0	0	1	
068603	PL.3946	A	Consumer	7.50Y	125.0	0.00	0.98	0.37	0	3	1	95	0.00	0.0	2.089	0.000	3	1	1	1	
PL.10997	PL.10996	A	4ACSR	7.50Y	125.0	0.01	0.99	4.17	4	28	14	89	0.00	0.0	1.965	0.033	0	0	0	6	
PL.10998	PL.10997	A	4ACSR	7.50Y	125.0	0.01	1.00	2.51	2	17	8	90	0.00	0.0	2.088	0.123	0	0	0	5	
PL.3949	PL.10998	A	4ACSR	7.50Y	125.0	0.01	1.01	2.19	2	15	7	91	0.00	0.0	2.184	0.096	0	0	0	3	
068623	PL.3949	A	Consumer	7.50Y	125.0	0.00	1.01	1.38	0	9	4	91	0.00	0.0	2.184	0.000	9	4	1	1	
068620	PL.3949	A	Consumer	7.50Y	125.0	0.00	1.01	0.73	0	5	2	93	0.00	0.0	2.184	0.000	5	2	1	1	
068624	PL.3949	A	Consumer	7.50Y	125.0	0.00	1.01	0.07	0	1	0	100	0.00	0.0	2.184	0.000	1	0	1	1	
PL.10999	PL.10998	A	4ACSR	7.50Y	125.0	0.00	1.00	0.33	0	2	1	89	0.00	0.0	2.211	0.123	0	0	0	2	
068628	PL.10999	A	Consumer	7.50Y	125.0	0.00	1.00	0.03	0	0	0	100	0.00	0.0	2.211	0.000	0	0	1	1	
068622	PL.10999	A	Consumer	7.50Y	125.0	0.00	1.00	0.00	0	0	0	100	0.00	0.0	2.211	0.000	0	0	0	0	
PL.24766	PL.10999	A	4ACSR	7.50Y	125.0	0.00	1.01	0.30	0	2	1	89	0.00	0.0	2.353	0.141	0	0	0	1	
068602	PL.24766	A	Consumer	7.50Y	125.0	0.00	1.01	0.30	0	2	1	89	0.00	0.0	2.353	0.000	2	1	1	1	
PL.4147	PL.10997	A	4ACSR	7.50Y	125.0	0.01	1.00	1.66	1	11	5	91	0.00	0.0	2.072	0.107	0	0	0	1	
068619	PL.4147	A	Consumer	7.50Y	125.0	0.00	1.00	1.66	0	11	5	91	0.00	0.0	2.072	0.000	11	5	1	1	
PL.3945	PL.10995	A	4ACSR	7.50Y	125.0	0.00	0.97	0.93	1	6	3	89	0.00	0.0	1.891	0.037	0	0	0	3	
PL.3947	PL.3945	A	4ACSR	7.50Y	125.0	0.00	0.97	0.93	1	6	3	89	0.00	0.0	2.003	0.112	0	0	0	3	
069618	PL.3947	A	Consumer	7.50Y	125.0	0.00	0.97	0.05	0	0	0	100	0.00	0.0	2.003	0.000	0	0	1	1	

Unbalanced Voltage Drop Report
Source: TRAPP

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.3948, PL.25196, etc.

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
120613	PL.821	A	Consumer	7.48Y	124.7	0.00	1.30	0.83	0	6	3	89	0.00	0.0	2.048	0.000	6	3	1	1
120633	PL.821	A	Consumer	7.48Y	124.7	0.00	1.30	0.01	0	0	0	100	0.00	0.0	2.048	0.000	0	0	1	1
120628	PL.27362	A	Consumer	7.48Y	124.7	0.00	1.29	0.00	0	0	0	100	0.00	0.0	1.858	0.000	0	0	0	0
120609	PL.27362	A	Consumer	7.48Y	124.7	0.00	1.29	0.00	0	0	0	100	0.00	0.0	1.858	0.000	0	0	0	0
PL.27363	PL.27359	A	4ACSR	7.48Y	124.7	0.00	1.29	0.37	0	3	1	95	0.00	0.0	1.779	0.016	0	0	0	1
PD.587	PL.27363	A	fuse6AMP	7.48Y	124.7	0.00	1.29	0.37	6	3	1	95	0.00	0.0	1.779	0.000	0	0	0	1
PL.27364	PD.587	A	4ACSR	7.48Y	124.7	0.00	1.29	0.37	0	3	1	95	0.00	0.0	1.859	0.080	0	0	0	1
120607	PL.27364	A	Consumer	7.48Y	124.7	0.00	1.29	0.37	0	3	1	95	0.00	0.0	1.859	0.000	3	1	1	1
PL.9169	PL.27359	A	4ACSR	7.48Y	124.6	0.08	1.36	21.71	18	146	70	90	0.09	0.1	1.839	0.076	0	0	0	53
120610	PL.9169	A	Consumer	7.48Y	124.6	0.00	1.36	0.74	0	5	2	93	0.00	0.0	1.839	0.000	5	2	1	1
PL.5103	PL.9169	A	4ACSR	7.47Y	124.5	0.12	1.49	20.97	18	141	68	90	0.13	0.1	1.967	0.128	0	0	0	52
PL.9170	PL.5103	A	4ACSR	7.47Y	124.5	0.05	1.54	20.64	17	139	67	90	0.06	0.0	2.022	0.054	0	0	0	51
PL.9171	PL.9170	A	4ACSR	7.46Y	124.4	0.07	1.61	20.14	17	136	65	90	0.07	0.1	2.093	0.071	0	0	0	50
PL.9173	PL.9171	A	4ACSR	7.46Y	124.4	0.03	1.63	19.76	17	133	64	90	0.03	0.0	2.123	0.030	0	0	0	49
121606	PL.9173	A	Consumer	7.46Y	124.4	0.00	1.63	0.24	0	2	1	89	0.00	0.0	2.123	0.000	2	1	1	1
PL.9172	PL.9173	A	4ACSR	7.46Y	124.3	0.08	1.72	19.52	16	131	63	90	0.08	0.1	2.213	0.090	0	0	0	48
PL.9174	PL.9172	A	4ACSR	7.46Y	124.3	0.02	1.74	19.52	16	131	63	90	0.02	0.0	2.237	0.023	0	0	0	48
PL.28387	PL.9174	A	4ACSR	7.45Y	124.2	0.08	1.82	19.44	16	131	63	90	0.08	0.1	2.325	0.088	0	0	0	46
PL.28386	PL.28387	A	4ACSR	7.45Y	124.1	0.08	1.90	17.82	15	120	57	90	0.07	0.1	2.422	0.097	0	0	0	43
PL.5099	PL.28386	A	4ACSR	7.44Y	124.0	0.09	1.99	16.53	14	111	53	90	0.08	0.1	2.545	0.123	0	0	0	41
121608	PL.5099	A	Consumer	7.44Y	124.0	0.00	1.99	0.27	0	2	1	89	0.00	0.0	2.545	0.000	2	1	1	1
PL.17161	PL.5099	A	4ACSR	7.44Y	124.0	0.00	1.99	0.65	1	4	2	89	0.00	0.0	2.556	0.011	0	0	0	3
PD.590	PL.17161	A	fuse6AMP	7.44Y	124.0	0.00	1.99	0.65	11	4	2	89	0.00	0.0	2.556	0.000	0	0	0	3
PL.17162	PD.590	A	4ACSR	7.44Y	124.0	0.00	1.99	0.65	1	4	2	89	0.00	0.0	2.642	0.086	0	0	0	3
121612	PL.17162	A	Consumer	7.44Y	124.0	0.00	1.99	0.09	0	1	0	100	0.00	0.0	2.642	0.000	1	0	1	1
121640	PL.17162	A	Consumer	7.44Y	124.0	0.00	1.99	0.56	0	4	2	89	0.00	0.0	2.642	0.000	4	2	1	1
121625	PL.17162	A	Consumer	7.44Y	124.0	0.00	1.99	0.01	0	0	0	100	0.00	0.0	2.642	0.000	0	0	1	1
PL.5098	PL.5099	A	4ACSR	7.44Y	124.0	0.03	2.03	15.61	13	105	50	90	0.03	0.0	2.593	0.048	0	0	0	37
PL.42250	PL.5098	A	4ACSR	7.44Y	124.0	0.02	2.05	15.61	13	105	50	90	0.02	0.0	2.622	0.029	0	0	0	37
PD.7667-A	PL.42250	A	Closed	7.44Y	124.0	0.00	2.05	15.61	0	105	50	90	0.00	0.0	2.622	0.000	0	0	0	37
PD.7667-B	PD.7667-A	A	Closed	7.44Y	124.0	0.00	2.05	15.61	0	105	50	90	0.00	0.0	2.622	0.000	0	0	0	37
PL.42251	PD.7667-B	A	4ACSR	7.44Y	123.9	0.01	2.05	15.61	13	105	50	90	0.00	0.0	2.630	0.008	0	0	0	37
PL.17163	PL.42251	A	4ACSR	7.44Y	123.9	0.00	2.05	0.33	0	2	1	89	0.00	0.0	2.645	0.016	0	0	0	1
PD.591	PL.17163	A	fuse6AMP	7.44Y	123.9	0.00	2.05	0.33	6	2	1	89	0.00	0.0	2.645	0.000	0	0	0	1
PL.17164	PD.591	A	4ACSR	7.44Y	123.9	0.00	2.05	0.33	0	2	1	89	0.00	0.0	2.732	0.087	0	0	0	1
121631	PL.17164	A	Consumer	7.44Y	123.9	0.00	2.05	0.33	0	2	1	89	0.00	0.0	2.732	0.000	2	1	1	1
121630	PL.17164	A	Consumer	7.44Y	123.9	0.00	2.05	0.00	0	0	0	100	0.00	0.0	2.732	0.000	0	0	0	0
PL.9176	PL.42251	A	4ACSR	7.43Y	123.9	0.07	2.12	15.28	13	102	49	90	0.06	0.1	2.731	0.101	0	0	0	35

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.9177	PL.9176	A	4ACSR	7.43Y	123.8	0.07	2.19	15.28	13	102	49	90	0.06	0.1	2.832	0.101	0	0	0	35
PL.17167	PL.9177	A	4ACSR	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	2.852	0.020	0	0	0	0
PD.593	PL.17167	A	fuse6AMP	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	2.852	0.000	0	0	0	0
PL.17168	PD.593	A	4ACSR	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	3.005	0.153	0	0	0	0
1216049	PL.17168	A	Consumer	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	3.005	0.000	0	0	0	0
PL.17165	PL.9177	A	4ACSR	7.43Y	123.8	0.00	2.20	1.28	1	9	4	91	0.00	0.0	2.845	0.013	0	0	0	1
PD.594	PL.17165	A	fuse6AMP	7.43Y	123.8	0.00	2.20	1.28	22	9	4	91	0.00	0.0	2.845	0.000	0	0	0	1
PL.17166	PD.594	A	4ACSR	7.43Y	123.8	0.00	2.20	1.28	1	9	4	91	0.00	0.0	2.918	0.073	0	0	0	1
121614	PL.17166	A	Consumer	7.43Y	123.8	0.00	2.20	1.28	0	9	4	91	0.00	0.0	2.918	0.000	9	4	1	1
PL.9178	PL.9177	A	4ACSR	7.43Y	123.8	0.03	2.22	14.00	12	94	45	90	0.02	0.0	2.871	0.039	0	0	0	34
PL.5534	PL.9178	A	4ACSR	7.42Y	123.6	0.18	2.40	14.00	12	94	45	90	0.13	0.1	3.148	0.277	0	0	0	34
PL.9179	PL.5534	A	4ACSR	7.41Y	123.5	0.06	2.46	13.06	11	87	42	90	0.04	0.0	3.249	0.102	0	0	0	33
PL.9180	PL.9179	A	4ACSR	7.41Y	123.4	0.11	2.57	12.41	10	83	40	90	0.07	0.1	3.436	0.186	0	0	0	32
PL.21660	PL.9180	A	4ACSR	7.41Y	123.4	0.00	2.57	0.66	1	4	2	89	0.00	0.0	3.445	0.009	0	0	0	3
PD.3077	PL.21660	A	fuse6AMP	7.41Y	123.4	0.00	2.57	0.66	11	4	2	89	0.00	0.0	3.445	0.000	0	0	0	3
PL.21661	PD.3077	A	4ACSR	7.41Y	123.4	0.00	2.57	0.66	1	4	2	89	0.00	0.0	3.464	0.019	0	0	0	3
PL.819	PL.21661	A	4ACSR	7.41Y	123.4	0.00	2.57	0.63	1	4	2	89	0.00	0.0	3.526	0.062	0	0	0	1
122611	PL.819	A	Consumer	7.41Y	123.4	0.00	2.57	0.63	0	4	2	89	0.00	0.0	3.526	0.000	4	2	1	1
PL.5528	PL.21661	A	4ACSR	7.41Y	123.4	0.00	2.57	0.02	0	0	0	100	0.00	0.0	3.608	0.144	0	0	0	2
122634	PL.5528	A	Consumer	7.41Y	123.4	0.00	2.57	0.00	0	0	0	100	0.00	0.0	3.608	0.000	0	0	1	1
PL.5529	PL.5528	A	4ACSR	7.41Y	123.4	0.00	2.57	0.02	0	0	0	100	0.00	0.0	3.831	0.223	0	0	0	1
PL.817	PL.5529	A	4ACSR	7.41Y	123.4	0.00	2.57	0.02	0	0	0	100	0.00	0.0	4.011	0.180	0	0	0	1
PL.31879	PL.817	A	4ACSR	7.41Y	123.4	0.00	2.57	0.02	0	0	0	100	0.00	0.0	4.060	0.049	0	0	0	1
1226044	PL.31879	A	Consumer	7.41Y	123.4	0.00	2.57	0.02	0	0	0	100	0.00	0.0	4.060	0.000	0	0	1	1
122606	PL.9180	A	Consumer	7.41Y	123.4	0.00	2.57	1.12	0	7	4	87	0.00	0.0	3.436	0.000	7	4	1	1
PL.17171	PL.9180	A	4ACSR	7.41Y	123.4	0.01	2.57	10.64	9	71	34	90	0.00	0.0	3.447	0.011	0	0	0	28
PD.3308	PL.17171	A	25L	7.41Y	123.4	0.00	2.57	10.64	43	71	34	90	0.00	0.0	3.447	0.000	0	0	0	28
PL.17172	PD.3308	A	4ACSR	7.40Y	123.4	0.06	2.63	10.64	9	71	34	90	0.03	0.0	3.567	0.120	0	0	0	28
PL.17203	PL.17172	A	4ACSR	7.40Y	123.4	0.00	2.63	1.52	1	10	5	89	0.00	0.0	3.577	0.010	0	0	0	2
PD.596	PL.17203	A	fuse6AMP	7.40Y	123.4	0.00	2.63	1.52	26	10	5	89	0.00	0.0	3.577	0.000	0	0	0	2
PL.17204	PD.596	A	4ACSR	7.40Y	123.4	0.01	2.64	1.52	1	10	5	89	0.00	0.0	3.683	0.106	0	0	0	2
122639	PL.17204	A	Consumer	7.40Y	123.4	0.00	2.64	1.04	0	7	3	92	0.00	0.0	3.683	0.000	7	3	1	1
122640	PL.17204	A	Consumer	7.40Y	123.4	0.00	2.64	0.49	0	3	2	83	0.00	0.0	3.683	0.000	3	2	1	1
PL.9181	PL.17172	A	4ACSR	7.40Y	123.3	0.03	2.66	9.12	8	61	29	90	0.01	0.0	3.636	0.069	0	0	0	26
PL.30800	PL.9181	A	4ACSR	7.40Y	123.3	0.00	2.66	1.07	1	7	3	92	0.00	0.0	3.648	0.012	0	0	0	2
PL.17205	PL.30800	A	4ACSR	7.40Y	123.3	0.01	2.67	1.07	1	7	3	92	0.00	0.0	3.819	0.171	0	0	0	2
PL.806	PL.17205	A	4ACSR	7.40Y	123.3	0.00	2.67	0.55	0	4	2	89	0.00	0.0	3.956	0.137	0	0	0	1
PL.36528	PL.806	A	2ACSR	7.40Y	123.3	0.00	2.68	0.55	0	4	2	89	0.00	0.0	3.986	0.030	0	0	0	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
1227029	PL.36528	A	Consumer	7.40Y	123.3	0.00	2.68	0.55	0	4	2	89	0.00	0.0	3.986	0.000	4	2	1	1
PL.27708	PL.17205	A	4ACSR	7.40Y	123.3	0.00	2.67	0.52	0	3	2	83	0.00	0.0	3.826	0.006	0	0	0	1
PD.77	PL.27708	A	fuse6AMP	7.40Y	123.3	0.00	2.67	0.52	9	3	2	83	0.00	0.0	3.826	0.000	0	0	0	1
PL.27707	PD.77	A	4ACSR	7.40Y	123.3	0.00	2.67	0.52	0	3	2	83	0.00	0.0	3.968	0.143	0	0	0	1
PL.807	PL.27707	A	4ACSR	7.40Y	123.3	0.00	2.68	0.52	0	3	2	83	0.00	0.0	4.067	0.099	0	0	0	1
122723	PL.807	A	Consumer	7.40Y	123.3	0.00	2.68	0.52	0	3	2	83	0.00	0.0	4.067	0.000	3	2	1	1
PL.5526	PL.9181	A	4ACSR	7.40Y	123.3	0.04	2.71	7.35	6	49	24	90	0.02	0.0	3.765	0.129	0	0	0	23
PL.42221	PL.5526	A	4ACSR	7.40Y	123.3	0.00	2.71	0.83	1	6	3	89	0.00	0.0	3.774	0.009	0	0	0	3
PD.7651	PL.42221	A	fuse6AMP	7.40Y	123.3	0.00	2.71	0.83	14	6	3	89	0.00	0.0	3.774	0.000	0	0	0	3
PL.42222	PD.7651	A	4ACSR	7.40Y	123.3	0.00	2.71	0.83	1	6	3	89	0.00	0.0	3.782	0.009	0	0	0	3
PL.18771	PL.42222	A	4ACSR	7.40Y	123.3	0.00	2.71	0.83	1	6	3	89	0.00	0.0	3.868	0.086	0	0	0	3
122637	PL.18771	A	Consumer	7.40Y	123.3	0.00	2.71	0.42	0	3	1	95	0.00	0.0	3.868	0.000	3	1	1	1
PL.815	PL.18771	A	4ACSR	7.40Y	123.3	0.00	2.71	0.41	0	3	1	95	0.00	0.0	4.019	0.151	0	0	0	2
122636	PL.815	A	Consumer	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	4.019	0.000	0	0	1	1
122638	PL.815	A	Consumer	7.40Y	123.3	0.00	2.71	0.41	0	3	1	95	0.00	0.0	4.019	0.000	3	1	1	1
122642	PL.5526	A	Consumer	7.40Y	123.3	0.00	2.71	0.28	0	2	1	89	0.00	0.0	3.765	0.000	2	1	1	1
PL.42223	PL.5526	A	4ACSR	7.40Y	123.3	0.00	2.71	0.57	0	4	2	89	0.00	0.0	3.776	0.011	0	0	0	2
PD.7652	PL.42223	A	fuse6AMP	7.40Y	123.3	0.00	2.71	0.57	10	4	2	89	0.00	0.0	3.776	0.000	0	0	0	2
PL.42224	PD.7652	A	4ACSR	7.40Y	123.3	0.00	2.71	0.57	0	4	2	89	0.00	0.0	3.885	0.109	0	0	0	2
122627	PL.42224	A	Consumer	7.40Y	123.3	0.00	2.71	0.57	0	4	2	89	0.00	0.0	3.885	0.000	4	2	1	1
122632	PL.42224	A	Consumer	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	3.885	0.000	0	0	1	1
PL.42219	PL.5526	A	4ACSR	7.40Y	123.3	0.00	2.71	5.68	5	38	18	90	0.00	0.0	3.777	0.012	0	0	0	17
PD.78-A	PL.42219	A	Closed	7.40Y	123.3	0.00	2.71	5.68	0	38	18	90	0.00	0.0	3.777	0.000	0	0	0	17
PD.78-B	PD.78-A	A	Closed	7.40Y	123.3	0.00	2.71	5.68	0	38	18	90	0.00	0.0	3.777	0.000	0	0	0	17
PL.42220	PD.78-B	A	4ACSR	7.40Y	123.3	0.01	2.72	5.68	5	38	18	90	0.00	0.0	3.812	0.035	0	0	0	17
PL.36534	PL.42220	A	2ACSR	7.40Y	123.3	0.00	2.72	0.29	0	2	1	89	0.00	0.0	3.868	0.056	0	0	0	1
1226045	PL.36534	A	Consumer	7.40Y	123.3	0.00	2.72	0.29	0	2	1	89	0.00	0.0	3.868	0.000	2	1	1	1
PL.36536	PL.42220	A	4ACSR	7.40Y	123.3	0.01	2.73	5.39	5	36	17	90	0.00	0.0	3.844	0.032	0	0	0	16
122629	PL.36536	A	Consumer	7.40Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	3.844	0.000	0	0	0	0
PL.10947	PL.36536	A	4ACSR	7.40Y	123.3	0.01	2.73	5.39	5	36	17	90	0.00	0.0	3.865	0.021	0	0	0	16
PL.10948	PL.10947	A	4ACSR	7.40Y	123.3	0.01	2.74	5.39	5	36	17	90	0.00	0.0	3.886	0.021	0	0	0	16
PL.10949	PL.10948	A	4ACSR	7.40Y	123.3	0.01	2.75	4.78	4	32	15	91	0.00	0.0	3.929	0.043	0	0	0	14
PL.17209	PL.10949	A	4ACSR	7.40Y	123.3	0.00	2.75	0.45	0	3	1	95	0.00	0.0	3.938	0.010	0	0	0	5
PD.626	PL.17209	A	fuse6AMP	7.40Y	123.3	0.00	2.75	0.45	8	3	1	95	0.00	0.0	3.938	0.000	0	0	0	5
PL.17210	PD.626	A	4ACSR	7.40Y	123.3	0.00	2.75	0.45	0	3	1	95	0.00	0.0	4.023	0.085	0	0	0	5
123607	PL.17210	A	Consumer	7.40Y	123.3	0.00	2.75	0.40	0	3	1	95	0.00	0.0	4.023	0.000	3	1	1	1
PL.35584	PL.17210	A	4ACSR	7.40Y	123.3	0.00	2.75	0.04	0	0	0	100	0.00	0.0	4.130	0.107	0	0	0	4
1236014	PL.35584	A	Consumer	7.40Y	123.3	0.00	2.75	0.02	0	0	0	100	0.00	0.0	4.130	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.35585	PL.35584	A	4ACSR	7.40Y	123.3	0.00	2.75	0.02	0	0	0	100	0.00	0.0	4.275	0.145	0	0	0	3
PL.330	PL.35585	A	4ACSR	7.40Y	123.3	0.00	2.75	0.02	0	0	0	100	0.00	0.0	4.523	0.248	0	0	0	2
PL.333	PL.330	A	4ACSR	7.40Y	123.3	-0.00	2.75	0.00	0	0	0	100	0.00	0.0	4.592	0.069	0	0	0	1
123613	PL.333	A	Consumer	7.40Y	123.3	0.00	2.75	0.00	0	0	0	100	0.00	0.0	4.592	0.000	0	0	1	1
123606	PL.330	A	Consumer	7.40Y	123.3	0.00	2.75	0.02	0	0	0	100	0.00	0.0	4.523	0.000	0	0	1	1
PL.331	PL.35585	A	4ACSR	7.40Y	123.3	0.00	2.75	0.00	0	0	0	100	0.00	0.0	4.410	0.136	0	0	0	1
123701	PL.331	A	Consumer	7.40Y	123.3	0.00	2.75	0.00	0	0	0	100	0.00	0.0	4.410	0.000	0	0	1	1
PL.10605	PL.10949	A	4ACSR	7.39Y	123.2	0.02	2.76	4.34	4	29	14	90	0.00	0.0	4.013	0.084	0	0	0	9
PL.10606	PL.10605	A	4ACSR	7.39Y	123.2	0.01	2.77	2.65	2	18	8	91	0.00	0.0	4.070	0.057	0	0	0	8
123604	PL.10606	A	Consumer	7.39Y	123.2	0.00	2.77	0.61	0	4	2	89	0.00	0.0	4.070	0.000	4	2	1	1
PL.42229	PL.10606	A	4ACSR	7.39Y	123.2	0.02	2.79	1.85	2	12	6	89	0.00	0.0	4.257	0.187	0	0	0	5
PD.7655-A	PL.42229	A	Closed	7.39Y	123.2	0.00	2.79	1.85	0	12	6	89	0.00	0.0	4.257	0.000	0	0	0	5
PD.7655-B	PD.7655-A	A	Closed	7.39Y	123.2	0.00	2.79	1.85	0	12	6	89	0.00	0.0	4.257	0.000	0	0	0	5
PL.42230	PD.7655-B	A	4ACSR	7.39Y	123.2	0.01	2.79	1.85	2	12	6	89	0.00	0.0	4.341	0.084	0	0	0	5
PL.28870	PL.42230	A	4ACSR	7.39Y	123.2	0.00	2.79	1.85	2	12	6	89	0.00	0.0	4.341	0.000	0	0	0	5
PL.10607	PL.28870	A	4ACSR	7.39Y	123.2	0.03	2.83	1.85	2	12	6	89	0.00	0.0	4.712	0.371	0	0	0	5
PL.329	PL.10607	A	4ACSR	7.39Y	123.2	0.00	2.83	0.79	1	5	3	86	0.00	0.0	4.767	0.056	0	0	0	1
123603	PL.329	A	Consumer	7.39Y	123.2	0.00	2.83	0.79	0	5	3	86	0.00	0.0	4.767	0.000	5	3	1	1
PL.10608	PL.10607	A	4ACSR	7.39Y	123.2	0.01	2.84	1.06	1	7	3	92	0.00	0.0	5.011	0.300	0	0	0	4
124604	PL.10608	A	Consumer	7.39Y	123.2	0.00	2.84	0.20	0	1	1	71	0.00	0.0	5.011	0.000	1	1	1	1
124601	PL.10608	A	Consumer	7.39Y	123.2	0.00	2.84	0.09	0	1	0	100	0.00	0.0	5.011	0.000	1	0	1	1
PL.5129	PL.10608	A	4ACSR	7.39Y	123.2	0.01	2.85	0.77	1	5	2	93	0.00	0.0	5.210	0.199	0	0	0	2
PL.5128	PL.5129	A	4ACSR	7.39Y	123.2	0.00	2.85	0.00	0	0	0	100	0.00	0.0	5.289	0.079	0	0	0	0
124603	PL.5128	A	Consumer	7.39Y	123.2	0.00	2.85	0.00	0	0	0	100	0.00	0.0	5.289	0.000	0	0	0	0
124602	PL.5129	A	Consumer	7.39Y	123.2	0.00	2.85	0.16	0	1	1	71	0.00	0.0	5.210	0.000	1	1	1	1
124605	PL.5129	A	Consumer	7.39Y	123.2	0.00	2.85	0.61	0	4	2	89	0.00	0.0	5.210	0.000	4	2	1	1
PL.42227	PL.10606	A	4ACSR	7.39Y	123.2	0.00	2.77	0.18	0	1	1	71	0.00	0.0	4.077	0.007	0	0	0	2
PD.7654	PL.42227	A	fuse6AMP	7.39Y	123.2	0.00	2.77	0.18	3	1	1	71	0.00	0.0	4.077	0.000	0	0	0	2
PL.42228	PD.7654	A	4ACSR	7.39Y	123.2	0.00	2.77	0.18	0	1	1	71	0.00	0.0	4.151	0.074	0	0	0	2
123601	PL.42228	A	Consumer	7.39Y	123.2	0.00	2.77	0.18	0	1	1	71	0.00	0.0	4.151	0.000	1	1	1	1
123609	PL.42228	A	Consumer	7.39Y	123.2	0.00	2.77	0.01	0	0	0	100	0.00	0.0	4.151	0.000	0	0	1	1
123612	PL.10605	A	Consumer	7.39Y	123.2	0.00	2.76	1.69	0	11	5	91	0.00	0.0	4.013	0.000	11	5	1	1
PL.42225	PL.10948	A	4ACSR	7.40Y	123.3	0.00	2.74	0.61	1	4	2	89	0.00	0.0	3.892	0.006	0	0	0	2
PD.7653	PL.42225	A	fuse6AMP	7.40Y	123.3	0.00	2.74	0.61	10	4	2	89	0.00	0.0	3.892	0.000	0	0	0	2
PL.42226	PD.7653	A	4ACSR	7.40Y	123.3	0.00	2.74	0.61	1	4	2	89	0.00	0.0	3.935	0.043	0	0	0	2
123608	PL.42226	A	Consumer	7.40Y	123.3	0.00	2.74	0.32	0	2	1	89	0.00	0.0	3.935	0.000	2	1	1	1
PL.5131	PL.42226	A	4ACSR	7.40Y	123.3	0.00	2.74	0.29	0	2	1	89	0.00	0.0	4.109	0.174	0	0	0	1
123611	PL.5131	A	Consumer	7.40Y	123.3	0.00	2.74	0.29	0	2	1	89	0.00	0.0	4.109	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.17207	PL.9181	A	4ACSR	7.40Y	123.3	0.00	2.66	0.00	0	0	0	100	0.00	0.0	3.646	0.010	0	0	0	0
PD.598	PL.17207	A	fuse6AMP	7.40Y	123.3	0.00	2.66	0.00	0	0	0	100	0.00	0.0	3.646	0.000	0	0	0	0
PL.17208	PD.598	A	4ACSR	7.40Y	123.3	0.00	2.66	0.00	0	0	0	100	0.00	0.0	3.697	0.051	0	0	0	0
122607	PL.17208	A	Consumer	7.40Y	123.3	0.00	2.66	0.00	0	0	0	100	0.00	0.0	3.697	0.000	0	0	0	0
122615	PL.9181	A	Consumer	7.40Y	123.3	0.00	2.66	0.69	0	5	2	93	0.00	0.0	3.636	0.000	5	2	1	1
PL.17169	PL.9179	A	4ACSR	7.41Y	123.5	0.00	2.46	0.65	1	4	2	89	0.00	0.0	3.263	0.013	0	0	0	1
PD.595	PL.17169	A	fuse6AMP	7.41Y	123.5	0.00	2.46	0.65	11	4	2	89	0.00	0.0	3.263	0.000	0	0	0	1
PL.17170	PD.595	A	4ACSR	7.41Y	123.5	0.00	2.46	0.65	1	4	2	89	0.00	0.0	3.331	0.069	0	0	0	1
122624	PL.17170	A	Consumer	7.41Y	123.5	0.00	2.46	0.65	0	4	2	89	0.00	0.0	3.331	0.000	4	2	1	1
122605	PL.5534	A	Consumer	7.42Y	123.6	0.00	2.40	0.94	0	6	3	89	0.00	0.0	3.148	0.000	6	3	1	1
121638	PL.9178	A	Consumer	7.43Y	123.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	2.871	0.000	0	0	0	0
121609	PL.42251	A	Consumer	7.44Y	123.9	0.00	2.05	0.00	0	0	0	100	0.00	0.0	2.630	0.000	0	0	1	1
121622	PL.28386	A	Consumer	7.45Y	124.1	0.00	1.90	0.60	0	4	2	89	0.00	0.0	2.422	0.000	4	2	1	1
121616	PL.28386	A	Consumer	7.45Y	124.1	0.00	1.90	0.69	0	5	2	93	0.00	0.0	2.422	0.000	5	2	1	1
121617	PL.28387	A	Consumer	7.45Y	124.2	0.00	1.82	1.04	0	7	3	92	0.00	0.0	2.325	0.000	7	3	1	1
121643	PL.28387	A	Consumer	7.45Y	124.2	0.00	1.82	0.22	0	1	1	71	0.00	0.0	2.325	0.000	1	1	1	1
121626	PL.28387	A	Consumer	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	2.325	0.000	0	0	0	0
121641	PL.28387	A	Consumer	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	2.325	0.000	0	0	0	0
121645	PL.28387	A	Consumer	7.45Y	124.2	0.00	1.82	0.36	0	2	1	89	0.00	0.0	2.325	0.000	2	1	1	1
PL.16949	PL.9174	A	4ACSR	7.46Y	124.3	0.00	1.74	0.04	0	0	0	100	0.00	0.0	2.248	0.012	0	0	0	1
PD.589	PL.16949	A	fuse6AMP	7.46Y	124.3	0.00	1.74	0.04	1	0	0	100	0.00	0.0	2.248	0.000	0	0	0	1
PL.17149	PD.589	A	4ACSR	7.46Y	124.3	0.00	1.74	0.04	0	0	0	100	0.00	0.0	2.363	0.115	0	0	0	1
121611	PL.17149	A	Consumer	7.46Y	124.3	0.00	1.74	0.04	0	0	0	100	0.00	0.0	2.363	0.000	0	0	1	1
121647	PL.9174	A	Consumer	7.46Y	124.3	0.00	1.74	0.03	0	0	0	100	0.00	0.0	2.237	0.000	0	0	1	1
121620	PL.9171	A	Consumer	7.46Y	124.4	0.00	1.61	0.38	0	3	1	95	0.00	0.0	2.093	0.000	3	1	1	1
PL.27365	PL.9170	A	4ACSR	7.47Y	124.5	0.00	1.54	0.51	0	3	2	83	0.00	0.0	2.032	0.010	0	0	0	1
PD.588	PL.27365	A	fuse6AMP	7.47Y	124.5	0.00	1.54	0.51	9	3	2	83	0.00	0.0	2.032	0.000	0	0	0	1
PL.27366	PD.588	A	4ACSR	7.47Y	124.5	0.00	1.54	0.51	0	3	2	83	0.00	0.0	2.107	0.075	0	0	0	1
121610	PL.27366	A	Consumer	7.47Y	124.5	0.00	1.54	0.51	0	3	2	83	0.00	0.0	2.107	0.000	3	2	1	1
121605	PL.5103	A	Consumer	7.47Y	124.5	0.00	1.49	0.33	0	2	1	89	0.00	0.0	1.967	0.000	2	1	1	1
PL.702	PL.5520	A	1/0ACSR	7.49Y	124.9	0.02	1.11	8.37	4	60	20	95	0.03	0.0	1.732	0.149	0	0	0	12
		B		7.57Y	126.2	0.01	-0.23	5.20	3	38	9	97					0	0	0	3
		C		7.53Y	125.5	0.04	0.53	10.53	5	75	27	94					0	0	0	25
PL.705	PL.702	A	4ACSR	7.49Y	124.9	0.00	1.12	1.30	1	9	4	91	0.00	0.0	1.810	0.077	0	0	0	1
120627	PL.705	A	Consumer	7.49Y	124.9	0.00	1.12	1.30	0	9	4	91	0.00	0.0	1.810	0.000	9	4	1	1
PL.26900	PL.702	A	4ACSR	7.49Y	124.9	0.00	1.12	1.84	2	12	6	89	0.00	0.0	1.743	0.011	0	0	0	3
PD.600	PL.26900	A	fuse6AMP	7.49Y	124.9	0.00	1.12	1.84	31	12	6	89	0.00	0.0	1.743	0.000	0	0	0	3
PL.26901	PD.600	A	4ACSR	7.49Y	124.9	0.00	1.12	1.84	2	12	6	89	0.00	0.0	1.794	0.050	0	0	0	3
120626	PL.26901	A	Consumer	7.49Y	124.9	0.00	1.12	0.65	0	4	2	89	0.00	0.0	1.794	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: TRAPP

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 components and their associated voltage drop and loss data.

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: TRAPP

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-----		Cons On	Cons Thru
PL.50	PL.35	A	1/0ACSR	7.48Y	124.7	0.08	1.26	5.26	3	38	9	97	0.03	0.0	3.458	0.769	0	0	0	8
		B		7.57Y	126.2	0.02	-0.16	3.02	2	23	2	100					0	0	0	0
		C		7.52Y	125.3	0.04	0.73	3.04	2	23	2	100					0	0	0	0
PL.26888	PL.50	A	1/0ACSR	7.48Y	124.7	0.02	1.28	5.26	3	38	9	97	0.01	0.0	3.619	0.161	0	0	0	7
		B		7.57Y	126.2	0.00	-0.16	3.02	2	23	2	100					0	0	0	0
		C		7.52Y	125.3	0.01	0.74	3.04	2	23	2	100					0	0	0	0
PD.93-A	PL.26888	A	Closed	7.48Y	124.7	0.00	1.28	5.26	0	38	9	97	0.00	0.0	3.619	0.000	0	0	0	7
		B		7.57Y	126.2	0.00	-0.16	3.02	0	23	2	100					0	0	0	0
		C		7.52Y	125.3	0.00	0.74	3.04	0	23	2	100					0	0	0	0
PD.93-B	PD.93-A	A	Closed	7.48Y	124.7	0.00	1.28	5.26	0	38	9	97	0.00	0.0	3.619	0.000	0	0	0	7
		B		7.57Y	126.2	0.00	-0.16	3.02	0	23	2	100					0	0	0	0
		C		7.52Y	125.3	0.00	0.74	3.04	0	23	2	100					0	0	0	0
PL.20936	PD.93-B	A	1/0ACSR	7.48Y	124.6	0.10	1.38	5.26	3	38	9	97	0.04	0.0	4.529	0.910	0	0	0	7
		B		7.57Y	126.1	0.02	-0.13	3.02	2	23	2	100					0	0	0	0
		C		7.51Y	125.2	0.05	0.79	3.04	2	23	2	100					0	0	0	0
PL.20935	PL.20936	A	1/0ACSR	7.48Y	124.6	0.02	1.40	5.26	3	38	9	97	0.01	0.0	4.719	0.190	0	0	0	7
		B		7.57Y	126.1	0.00	-0.13	3.02	2	23	2	100					0	0	0	0
		C		7.51Y	125.2	0.01	0.80	3.04	2	23	2	100					0	0	0	0
PD.7656-A	PL.20935	A	Closed	7.48Y	124.6	0.00	1.40	5.26	0	38	9	97	0.00	0.0	4.719	0.000	0	0	0	7
		B		7.57Y	126.1	0.00	-0.13	3.02	0	23	2	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.80	3.04	0	23	2	100					0	0	0	0
PD.7656-B	PD.7656-A	A	Closed	7.48Y	124.6	0.00	1.40	5.26	0	38	9	97	0.00	0.0	4.719	0.000	0	0	0	7
		B		7.57Y	126.1	0.00	-0.13	3.02	0	23	2	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.80	3.04	0	23	2	100					0	0	0	0
PL.16935	PD.7656-B	A	1/0ACSR	7.48Y	124.6	0.00	1.40	5.26	3	38	9	97	0.00	0.0	4.730	0.011	0	0	0	7
		B		7.57Y	126.1	0.00	-0.13	3.02	2	23	2	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.80	3.04	2	23	2	100					0	0	0	0
PL.21659	PL.16935	A	1/0ACSR	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	5.085	0.355	0	0	0	0
		B		7.57Y	126.1	0.00	-0.13	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.80	0.00	0	0	0	100					0	0	0	0
PD.2638-B	PL.21659	A	Open	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	5.085	0.000	0	0	0	0
		B		7.57Y	126.1	0.00	-0.13	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.80	0.00	0	0	0	100					0	0	0	0
PL.9857	PL.16935	A	6ACWC	7.47Y	124.5	0.07	1.47	5.26	4	38	9	97	0.03	0.0	5.045	0.315	0	0	0	7
		B		7.57Y	126.1	0.03	-0.10	3.02	3	23	2	100					0	0	0	0
		C		7.51Y	125.2	0.04	0.84	3.04	3	23	2	100					0	0	0	0
PL.9858	PL.9857	A	6ACWC	7.47Y	124.5	0.01	1.48	4.38	4	32	6	98	0.01	0.0	5.128	0.083	0	0	0	5
		B		7.57Y	126.1	0.01	-0.09	3.02	3	23	2	100					0	0	0	0
		C		7.51Y	125.2	0.01	0.85	3.04	3	23	2	100					0	0	0	0
PL.9859	PL.9858	A	6ACWC	7.47Y	124.5	0.02	1.51	3.05	3	23	2	100	0.01	0.0	5.313	0.185	0	0	0	0
		B		7.56Y	126.1	0.02	-0.07	3.02	3	23	2	100					0	0	0	0
		C		7.51Y	125.1	0.02	0.87	3.04	3	23	2	100					0	0	0	0
121407	PL.9859	A	Consumer	7.47Y	124.5	0.00	1.51	3.05	0	23	2	100	0.00	0.0	5.313	0.000	23	2	0	0
		B		7.56Y	126.1	0.00	-0.07	3.02	0	23	2	100					23	2	0	0
		C		7.51Y	125.1	0.00	0.87	3.04	0	23	2	100					23	2	0	0
PL.42233	PL.9858	A	1/0ACSR	7.47Y	124.5	0.00	1.48	1.38	1	9	4	91	0.00	0.0	5.134	0.006	0	0	0	5
PD.7658-A	PL.42233	A	Closed	7.47Y	124.5	0.00	1.48	1.38	0	9	4	91	0.00	0.0	5.134	0.000	0	0	0	5
PD.7658-B	PD.7658-A	A	Closed	7.47Y	124.5	0.00	1.48	1.38	0	9	4	91	0.00	0.0	5.134	0.000	0	0	0	5
PL.42234	PD.7658-B	A	1/0ACSR	7.47Y	124.5	0.01	1.49	1.38	1	9	4	91	0.00	0.0	5.390	0.256	0	0	0	5
121401	PL.42234	A	Consumer	7.47Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	5.390	0.000	0	0	1	1
PL.16096	PL.42234	A	4ACSR	7.47Y	124.5	0.00	1.49	1.38	1	9	4	91	0.00	0.0	5.404	0.014	0	0	0	4
PD.7660	PL.16096	A	fuse6AMP	7.47Y	124.5	0.00	1.49	1.38	24	9	4	91	0.00	0.0	5.404	0.000	0	0	0	4
PL.16934	PD.7660	A	4ACSR	7.47Y	124.5	0.02	1.52	1.38	1	9	4	91	0.00	0.0	5.755	0.351	0	0	0	4

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	
121402	PL.16934	A	Consumer	7.47Y	124.5	0.00	1.52	0.07	0	0	0	100	0.00	0.0	5.755	0.000	0	0	1	1
PL.23443	PL.16934	A	4ACSR	7.47Y	124.5	0.00	1.52	0.76	1	5	2	93	0.00	0.0	5.849	0.094	0	0	0	1
121403	PL.23443	A	Consumer	7.47Y	124.5	0.00	1.52	0.76	0	5	2	93	0.00	0.0	5.849	0.000	5	2	1	1
PL.23444	PL.16934	A	4ACSR	7.47Y	124.5	0.00	1.52	0.56	0	4	2	89	0.00	0.0	5.873	0.119	0	0	0	2
PL.23446	PL.23444	A	4ACSR	7.47Y	124.5	0.00	1.52	0.45	0	3	1	95	0.00	0.0	5.985	0.112	0	0	0	1
121408	PL.23446	A	Consumer	7.47Y	124.5	0.00	1.52	0.45	0	3	1	95	0.00	0.0	5.985	0.000	3	1	1	1
PL.23445	PL.23444	A	4ACSR	7.47Y	124.5	0.00	1.52	0.11	0	1	0	100	0.00	0.0	5.930	0.057	0	0	0	1
PL.23702	PL.23445	A	4ACSR	7.47Y	124.5	0.00	1.52	0.11	0	1	0	100	0.00	0.0	6.080	0.150	0	0	0	1
121405	PL.23702	A	Consumer	7.47Y	124.5	0.00	1.52	0.11	0	1	0	100	0.00	0.0	6.080	0.000	1	0	1	1
PL.23447	PL.9857	A	4ACSR	7.47Y	124.5	0.01	1.48	0.91	1	6	3	89	0.00	0.0	5.321	0.276	0	0	0	2
PL.23448	PL.23447	A	4ACSR	7.47Y	124.5	0.00	1.48	0.91	1	6	3	89	0.00	0.0	5.367	0.046	0	0	0	2
PL.341	PL.23448	A	4ACSR	7.47Y	124.5	0.01	1.49	0.91	1	6	3	89	0.00	0.0	5.498	0.132	0	0	0	2
PL.342	PL.341	A	4ACSR	7.47Y	124.5	0.01	1.50	0.91	1	6	3	89	0.00	0.0	5.783	0.284	0	0	0	2
120302	PL.342	A	Consumer	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	5.783	0.000	0	0	1	1
PL.893	PL.342	A	4ACSR	7.47Y	124.5	0.01	1.51	0.91	1	6	3	89	0.00	0.0	5.944	0.161	0	0	0	1
120303	PL.893	A	Consumer	7.47Y	124.5	0.00	1.51	0.91	0	6	3	89	0.00	0.0	5.944	0.000	6	3	1	1
PL.42231	PL.23447	A	4ACSR	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	5.327	0.006	0	0	0	0
PD.7657	PL.42231	A	fuse6AMP	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	5.327	0.000	0	0	0	0
PL.42232	PD.7657	A	4ACSR	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	5.422	0.095	0	0	0	0
PL.26889	PL.50	A	1/0ACSR	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	3.477	0.019	0	0	0	1
		B		7.57Y	126.2	0.00	-0.16	0.00	0	0	0	100			0	0	0	0	0	
		C		7.52Y	125.3	0.00	0.73	0.00	0	0	0	100			0	0	0	0	0	
PD.642	PL.26889	A	fuse6AMP	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	3.477	0.000	0	0	0	1
		B		7.57Y	126.2	0.00	-0.16	0.00	0	0	0	100			0	0	0	0	0	
		C		7.52Y	125.3	0.00	0.73	0.00	0	0	0	100			0	0	0	0	0	
PL.26890	PD.642	A	1/0ACSR	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	3.916	0.440	0	0	0	1
		B		7.57Y	126.2	0.00	-0.16	0.00	0	0	0	100			0	0	0	0	0	
		C		7.52Y	125.3	0.00	0.73	0.00	0	0	0	100			0	0	0	0	0	
PL.9860	PL.26890	A	1/0ACSR	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	3.947	0.031	0	0	0	1
		B		7.57Y	126.2	0.00	-0.16	0.00	0	0	0	100			0	0	0	0	0	
		C		7.52Y	125.3	0.00	0.73	0.00	0	0	0	100			0	0	0	0	0	
PL.9861	PL.9860	A	1/0ACSR	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	4.030	0.083	0	0	0	1
		B		7.57Y	126.2	0.00	-0.16	0.00	0	0	0	100			0	0	0	0	0	
		C		7.52Y	125.3	0.00	0.73	0.00	0	0	0	100			0	0	0	0	0	
PL.26891	PL.9861	A	4ACSR	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	4.057	0.027	0	0	0	1
PD.3195	PL.26891	A	fuse6AMP	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	4.057	0.000	0	0	0	1
PL.26892	PD.3195	A	4ACSR	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	4.129	0.071	0	0	0	1
PL.5611	PL.26892	A	4ACSR	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	4.237	0.108	0	0	0	1
PL.5612	PL.5611	A	4ACSR	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	4.339	0.102	0	0	0	0
PL.9862	PL.5612	A	4ACSR	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	5.098	0.759	0	0	0	0
PL.9863	PL.9862	A	4ACSR	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	5.185	0.087	0	0	0	0
PL.9164	PL.9863	A	4ACSR	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	5.636	0.450	0	0	0	0
PL.23560	PL.9863	A	4ACSR	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	5.275	0.090	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	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
068404	PL.23560	A	Consumer	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	5.275	0.000	0	0	0	0
PL.23559	PL.9862	A	4ACSR	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	5.214	0.116	0	0	0	0
120514	PL.5611	A	Consumer	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	4.237	0.000	0	0	1	1
PL.4559	PL.9860	C	4ACSR	7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	4.457	0.510	0	0	0	0
PL.539	PL.4559	C	4ACSR	7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	4.562	0.105	0	0	0	0
PL.540	PL.26890	A	1/0ACSR	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	3.917	0.000	0	0	0	0
		B		7.57Y	126.2	0.00	-0.16	0.00	0	0	0	100					0	0	0	0
		C		7.52Y	125.3	0.00	0.73	0.00	0	0	0	100					0	0	0	0
PL.17873	PL.26886	C	4ACSR	7.52Y	125.3	0.00	0.69	3.99	3	27	13	90	0.00	0.0	2.624	0.013	0	0	0	15
PD.80-A	PL.17873	C	Closed	7.52Y	125.3	0.00	0.69	3.99	0	27	13	90	0.00	0.0	2.624	0.000	0	0	0	15
PD.80-B	PD.80-A	C	Closed	7.52Y	125.3	0.00	0.69	3.99	0	27	13	90	0.00	0.0	2.624	0.000	0	0	0	15
PL.17874	PD.80-B	C	4ACSR	7.52Y	125.3	0.00	0.69	3.99	3	27	13	90	0.00	0.0	2.646	0.022	0	0	0	15
PD.3307	PL.17874	C	35H	7.52Y	125.3	0.00	0.69	3.99	11	27	13	90	0.00	0.0	2.646	0.000	0	0	0	15
PL.26887	PD.3307	C	4ACSR	7.52Y	125.3	0.02	0.72	3.99	3	27	13	90	0.00	0.0	2.767	0.120	0	0	0	15
121623	PL.26887	C	Consumer	7.52Y	125.3	0.00	0.72	0.35	0	2	1	89	0.00	0.0	2.767	0.000	2	1	1	1
PL.41340	PL.26887	C	4ACSR	7.51Y	125.2	0.04	0.76	3.64	3	25	12	90	0.01	0.0	2.995	0.229	0	0	0	14
PL.42236	PL.41340	C	4ACSR	7.51Y	125.2	0.00	0.76	0.69	1	5	2	93	0.00	0.0	3.004	0.008	0	0	0	1
PD.7661	PL.42236	C	fuse6AMP	7.51Y	125.2	0.00	0.76	0.69	12	5	2	93	0.00	0.0	3.004	0.000	0	0	0	1
PL.42235	PD.7661	C	4ACSR	7.51Y	125.2	0.00	0.76	0.69	1	5	2	93	0.00	0.0	3.062	0.058	0	0	0	1
121602	PL.42235	C	Consumer	7.51Y	125.2	0.00	0.76	0.69	0	5	2	93	0.00	0.0	3.062	0.000	5	2	1	1
PL.41341	PL.41340	C	4ACSR	7.51Y	125.2	0.02	0.78	2.94	2	20	10	89	0.00	0.0	3.155	0.160	0	0	0	13
121603	PL.41341	C	Consumer	7.51Y	125.2	0.00	0.78	0.21	0	1	1	71	0.00	0.0	3.155	0.000	1	1	1	1
PL.9165	PL.41341	C	4ACSR	7.51Y	125.2	0.01	0.78	2.73	2	18	9	89	0.00	0.0	3.214	0.059	0	0	0	12
121644	PL.9165	C	Consumer	7.51Y	125.2	0.00	0.78	0.01	0	0	0	100	0.00	0.0	3.214	0.000	0	0	1	1
121639	PL.9165	C	Consumer	7.51Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	3.214	0.000	0	0	0	0
1216048	PL.9165	C	Consumer	7.51Y	125.2	0.00	0.78	0.93	0	6	3	89	0.00	0.0	3.214	0.000	6	3	1	1
PL.19891	PL.9165	C	4ACSR	7.51Y	125.2	0.01	0.79	1.78	1	12	6	89	0.00	0.0	3.325	0.111	0	0	0	10
PL.45179	PL.19891	C	4ACSR	7.51Y	125.2	0.00	0.80	1.23	1	8	4	89	0.00	0.0	3.361	0.036	0	0	0	9
PD.8604	PL.45179	C	fuse6AMP	7.51Y	125.2	0.00	0.80	1.23	21	8	4	89	0.00	0.0	3.361	0.000	0	0	0	9
PL.45180	PD.8604	C	4ACSR	7.51Y	125.2	0.00	0.80	1.23	1	8	4	89	0.00	0.0	3.373	0.012	0	0	0	9
PL.20555	PL.45180	C	4ACSR	7.51Y	125.2	0.00	0.80	1.23	1	8	4	89	0.00	0.0	3.385	0.012	0	0	0	9
121635	PL.20555	C	Consumer	7.51Y	125.2	0.00	0.80	0.00	0	0	0	100	0.00	0.0	3.385	0.000	0	0	1	1
PL.5097	PL.20555	C	4ACSR	7.51Y	125.2	0.02	0.82	1.23	1	8	4	89	0.00	0.0	3.707	0.322	0	0	0	8
PL.42237	PL.5097	C	4ACSR	7.51Y	125.2	0.00	0.82	0.06	0	0	0	100	0.00	0.0	3.711	0.004	0	0	0	1
PD.7662	PL.42237	C	fuse6AMP	7.51Y	125.2	0.00	0.82	0.06	1	0	0	100	0.00	0.0	3.711	0.000	0	0	0	1
PL.42238	PD.7662	C	4ACSR	7.51Y	125.2	0.00	0.82	0.06	0	0	0	100	0.00	0.0	3.826	0.115	0	0	0	1
1226043	PL.42238	C	Consumer	7.51Y	125.2	0.00	0.82	0.06	0	0	0	100	0.00	0.0	3.826	0.000	0	0	1	1
PL.42239	PL.5097	C	4ACSR	7.51Y	125.2	0.00	0.82	0.68	1	5	2	93	0.00	0.0	3.718	0.011	0	0	0	4
PD.7663	PL.42239	C	fuse6AMP	7.51Y	125.2	0.00	0.82	0.68	12	5	2	93	0.00	0.0	3.718	0.000	0	0	0	4

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	Length (mi)	KW		KVAR			
PL.42240	PD.7663	C	4ACSR	7.51Y	125.2	0.00	0.82	0.68	1	5	2	93	0.00	0.0	3.801	0.084	0	0	0	4	
122619	PL.42240	C	Consumer	7.51Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	3.801	0.000	0	0	0	0	
122630	PL.42240	C	Consumer	7.51Y	125.2	0.00	0.82	0.03	0	0	0	100	0.00	0.0	3.801	0.000	0	0	1	1	
122620	PL.42240	C	Consumer	7.51Y	125.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	3.801	0.000	0	0	0	0	
PL.5533	PL.42240	C	4ACSR	7.51Y	125.2	0.00	0.82	0.64	1	4	2	89	0.00	0.0	3.921	0.120	0	0	0	3	
122635	PL.5533	C	Consumer	7.51Y	125.2	0.00	0.82	0.01	0	0	0	100	0.00	0.0	3.921	0.000	0	0	1	1	
122633	PL.5533	C	Consumer	7.51Y	125.2	0.00	0.82	0.25	0	2	1	89	0.00	0.0	3.921	0.000	2	1	1	1	
122621	PL.5533	C	Consumer	7.51Y	125.2	0.00	0.82	0.38	0	3	1	95	0.00	0.0	3.921	0.000	3	1	1	1	
122610	PL.5097	C	Consumer	7.51Y	125.2	0.00	0.82	0.24	0	2	1	89	0.00	0.0	3.707	0.000	2	1	1	1	
122631	PL.5097	C	Consumer	7.51Y	125.2	0.00	0.82	0.10	0	1	0	100	0.00	0.0	3.707	0.000	1	0	1	1	
122609	PL.5097	C	Consumer	7.51Y	125.2	0.00	0.82	0.15	0	1	0	100	0.00	0.0	3.707	0.000	1	0	1	1	
121642	PL.19891	C	Consumer	7.51Y	125.2	0.00	0.79	0.55	0	4	2	89	0.00	0.0	3.325	0.000	4	2	1	1	
121632	PL.19891	C	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	3.325	0.000	0	0	0	0	
121601	PL.9168	C	Consumer	7.52Y	125.3	0.00	0.66	0.43	0	3	1	95	0.00	0.0	2.459	0.000	3	1	1	1	
120629	PL.26894	B	Consumer	7.57Y	126.2	0.00	-0.19	0.61	0	4	2	89	0.00	0.0	2.349	0.000	4	2	1	1	
PL.26895	PL.9167	C	4ACSR	7.52Y	125.4	0.00	0.61	0.60	1	4	2	89	0.00	0.0	2.160	0.012	0	0	0	2	
PD.601	PL.26895	C	fuse6AMP	7.52Y	125.4	0.00	0.61	0.60	10	4	2	89	0.00	0.0	2.160	0.000	0	0	0	2	
PL.26896	PD.601	C	4ACSR	7.52Y	125.4	0.00	0.62	0.60	1	4	2	89	0.00	0.0	2.223	0.063	0	0	0	2	
120632	PL.26896	C	Consumer	7.52Y	125.4	0.00	0.62	0.60	0	4	2	89	0.00	0.0	2.223	0.000	4	2	1	1	
120635	PL.26896	C	Consumer	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	2.223	0.000	0	0	1	1	
120620	PL.9166	C	Consumer	7.52Y	125.4	0.00	0.61	0.00	0	0	0	100	0.00	0.0	2.146	0.000	0	0	1	1	
120614	PL.9166	C	Consumer	7.52Y	125.4	0.00	0.61	0.41	0	3	1	95	0.00	0.0	2.146	0.000	3	1	1	1	
1206037	PL.28015	C	Consumer	7.53Y	125.4	0.00	0.56	0.12	0	1	0	100	0.00	0.0	1.844	0.000	1	0	1	1	
120604	PL.28015	C	Consumer	7.53Y	125.4	0.00	0.56	0.86	0	6	3	89	0.00	0.0	1.844	0.000	6	3	1	1	
PL.26899	PL.702	C	4ACSR	7.53Y	125.5	0.00	0.53	0.74	1	5	2	93	0.00	0.0	1.741	0.009	0	0	0	1	
PL.28704	PL.26899	C	4ACSR	7.53Y	125.5	0.00	0.53	0.74	1	5	2	93	0.00	0.0	1.741	0.000	0	0	0	1	
PD.599	PL.28704	C	fuse6AMP	7.53Y	125.5	0.00	0.53	0.74	13	5	2	93	0.00	0.0	1.741	0.000	0	0	0	1	
PL.28705	PD.599	C	4ACSR	7.53Y	125.5	0.00	0.54	0.74	1	5	2	93	0.00	0.0	1.778	0.037	0	0	0	1	
PL.29160	PL.28705	C	4ACSR	7.53Y	125.5	0.00	0.54	0.74	1	5	2	93	0.00	0.0	1.807	0.029	0	0	0	1	
120636	PL.29160	C	Consumer	7.53Y	125.5	0.00	0.54	0.74	0	5	2	93	0.00	0.0	1.807	0.000	5	2	1	1	
120608	PL.9182	B	Consumer	7.57Y	126.2	0.00	-0.23	0.44	0	3	1	95	0.00	0.0	1.472	0.000	3	1	1	1	
120622	PL.9182	C	Consumer	7.53Y	125.5	0.00	0.47	0.01	0	0	0	100	0.00	0.0	1.472	0.000	0	0	1	1	
120619	PL.9183	B	Consumer	7.57Y	126.2	0.00	-0.22	0.45	0	3	1	95	0.00	0.0	1.369	0.000	3	1	1	1	
069605	PL.10993	B	Consumer	7.57Y	126.2	0.00	-0.21	0.40	0	3	1	95	0.00	0.0	1.307	0.000	3	1	1	1	
PL.27373	PL.10994	A	4ACSR	7.51Y	125.2	0.00	0.85	0.30	0	2	1	89	0.00	0.0	1.251	0.009	0	0	0	1	
PD.3139	PL.27373	A	fuse6AMP	7.51Y	125.2	0.00	0.85	0.30	5	2	1	89	0.00	0.0	1.251	0.000	0	0	0	1	
PL.27374	PD.3139	A	4ACSR	7.51Y	125.2	0.00	0.85	0.30	0	2	1	89	0.00	0.0	1.302	0.051	0	0	0	1	
069614	PL.27374	A	Consumer	7.51Y	125.2	0.00	0.85	0.30	0	2	1	89	0.00	0.0	1.302	0.000	2	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
069603	PL.10994	B	Consumer	7.57Y	126.2	0.00	-0.20	0.00	0	0	0	100	0.00	0.0	1.243	0.000	0	0	0	0
069621	PL.10994	B	Consumer	7.57Y	126.2	0.00	-0.20	0.13	0	1	0	100	0.00	0.0	1.243	0.000	1	0	1	1
069628	PL.10992	B	Consumer	7.57Y	126.2	0.00	-0.19	0.55	0	4	2	89	0.00	0.0	1.125	0.000	4	2	1	1
069615	PL.10990	B	Consumer	7.57Y	126.2	0.00	-0.19	0.81	0	5	3	86	0.00	0.0	1.093	0.000	5	3	1	1
069632	PL.10990	B	Consumer	7.57Y	126.2	0.00	-0.19	0.03	0	0	0	100	0.00	0.0	1.093	0.000	0	0	1	1
069629	PL.10989	A	Consumer	7.52Y	125.4	0.00	0.64	0.64	0	4	2	89	0.00	0.0	0.987	0.000	4	2	1	1
PL.16996	PL.10544	A	4ACSR	7.53Y	125.5	0.00	0.54	0.79	1	5	3	86	0.00	0.0	0.881	0.008	0	0	0	1
PD.3138	PL.16996	A	fuse6AMP	7.53Y	125.5	0.00	0.54	0.79	14	5	3	86	0.00	0.0	0.881	0.000	0	0	0	1
PL.16997	PD.3138	A	4ACSR	7.53Y	125.5	0.00	0.54	0.79	1	5	3	86	0.00	0.0	0.906	0.024	0	0	0	1
069738	PL.16997	A	Consumer	7.53Y	125.5	0.00	0.54	0.79	0	5	3	86	0.00	0.0	0.906	0.000	5	3	1	1
069703	PL.16989	A	Consumer	7.53Y	125.5	0.00	0.47	0.72	0	5	2	93	0.00	0.0	0.794	0.000	5	2	1	1
P CP.32	PL.16990	A	Cap (150)	7.53Y	125.6	0.00	0.44	-7.27	0	0	-55	0	0.00	0.0	0.765	0.000	0	0	0	0 P
P		B		7.57Y	126.1	0.00	-0.15	-7.30	0	0	-55	0			0	0	0	0	0 P	
		C		7.55Y	125.8	0.00	0.23	-7.28	0	0	-55	0			0	0	0	0	0	
PL.16987	PL.10543	C	4ACSR	7.55Y	125.8	0.00	0.20	0.83	1	6	3	89	0.00	0.0	0.689	0.014	0	0	0	2
PD.3133	PL.16987	C	fuse6AMP	7.55Y	125.8	0.00	0.20	0.83	14	6	3	89	0.00	0.0	0.689	0.000	0	0	0	2
PL.16988	PD.3133	C	4ACSR	7.55Y	125.8	0.00	0.20	0.83	1	6	3	89	0.00	0.0	0.741	0.052	0	0	0	2
069715	PL.16988	C	Consumer	7.55Y	125.8	0.00	0.20	0.83	0	6	3	89	0.00	0.0	0.741	0.000	6	3	1	1
069740	PL.16988	C	Consumer	7.55Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	0.741	0.000	0	0	1	1
PL.16985	PL.10543	A	4ACSR	7.54Y	125.6	0.00	0.37	1.73	1	12	6	89	0.00	0.0	0.684	0.009	0	0	0	2
PD.3156	PL.16985	A	fuse6AMP	7.54Y	125.6	0.00	0.37	1.73	30	12	6	89	0.00	0.0	0.684	0.000	0	0	0	2
PL.16986	PD.3156	A	4ACSR	7.54Y	125.6	0.00	0.37	1.73	1	12	6	89	0.00	0.0	0.740	0.056	0	0	0	2
PL.4415	PL.16986	A	4ACSR	7.54Y	125.6	0.00	0.37	0.75	1	5	2	93	0.00	0.0	0.806	0.067	0	0	0	1
069748	PL.4415	A	Consumer	7.54Y	125.6	0.00	0.37	0.75	0	5	2	93	0.00	0.0	0.806	0.000	5	2	1	1
PL.3900	PL.16986	A	4ACSR	7.54Y	125.6	0.00	0.37	0.98	1	7	3	92	0.00	0.0	0.805	0.066	0	0	0	1
069760	PL.3900	A	Consumer	7.54Y	125.6	0.00	0.37	0.98	0	7	3	92	0.00	0.0	0.805	0.000	7	3	1	1
PL.16983	PL.10542	A	4ACSR	7.54Y	125.7	0.00	0.28	0.23	0	2	1	89	0.00	0.0	0.582	0.011	0	0	0	2
PD.3132	PL.16983	A	fuse6AMP	7.54Y	125.7	0.00	0.28	0.23	4	2	1	89	0.00	0.0	0.582	0.000	0	0	0	2
PL.16984	PD.3132	A	4ACSR	7.54Y	125.7	0.00	0.28	0.23	0	2	1	89	0.00	0.0	0.639	0.057	0	0	0	2
069724	PL.16984	A	Consumer	7.54Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	0.639	0.000	0	0	0	0
069756	PL.16984	A	Consumer	7.54Y	125.7	0.00	0.28	0.23	0	2	1	89	0.00	0.0	0.639	0.000	2	1	1	1
069755	PL.16984	A	Consumer	7.54Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	0.639	0.000	0	0	1	1
PL.16981	PL.10542	C	4ACSR	7.55Y	125.8	0.00	0.16	2.42	2	17	8	90	0.00	0.0	0.579	0.008	0	0	0	3
PD.3155	PL.16981	C	fuse6AMP	7.55Y	125.8	0.00	0.16	2.42	41	17	8	90	0.00	0.0	0.579	0.000	0	0	0	3
PL.16982	PD.3155	C	4ACSR	7.55Y	125.8	0.00	0.16	2.42	2	17	8	90	0.00	0.0	0.606	0.027	0	0	0	3
PL.24768	PL.16982	C	4ACSR	7.55Y	125.8	0.01	0.17	2.42	2	17	8	90	0.00	0.0	0.681	0.075	0	0	0	3
068758	PL.24768	C	Consumer	7.55Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	0.681	0.000	0	0	0	0
PL.24769	PL.24768	C	4ACSR	7.55Y	125.8	0.00	0.17	2.42	2	17	8	90	0.00	0.0	0.682	0.001	0	0	0	3
PL.3936	PL.24769	C	4ACSR	7.55Y	125.8	0.01	0.18	2.42	2	17	8	90	0.00	0.0	0.795	0.113	0	0	0	3

Unbalanced Voltage Drop Report
Source: TRAPP

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 (TRAPP1) beginning with Device PD.3927.

Unbalanced Voltage Drop Report
Source: TRAPP

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

Title:
Case: 10/22/2007 09:02 Page 1791

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 %	Thru KW	KVAR	% PF	kW Loss	% Loss	KW			KVAR	Cons On	Cons Thru	
							Thru %	Thru KW														
068712	PL.26864	A	Consumer	7.54Y	125.7	0.00	0.32	0.11	0	1	0	100	0.00	0.0	0.331	0.000	1	0	1	1		
PL.10895	PL.43499	A	1/0ACSR	7.53Y	125.6	0.12	0.44	53.56	27	364	176	90	0.40	0.1	0.347	0.094	0	0	0	87		
		B		7.55Y	125.8	0.05	0.19	37.32	19	253	123	90					0	0	0	60		
		C		7.55Y	125.9	0.03	0.12	21.73	11	149	70	91					0	0	0	37		
PL.10896	PL.10895	A	1/0ACSR	7.52Y	125.4	0.18	0.62	53.56	27	363	176	90	0.58	0.1	0.485	0.138	0	0	0	87		
		B		7.54Y	125.7	0.07	0.26	36.55	18	248	121	90					0	0	0	59		
		C		7.55Y	125.8	0.05	0.17	21.73	11	149	70	91					0	0	0	37		
PL.16505	PL.10896	C	4ACSR	7.55Y	125.8	0.00	0.17	1.38	1	10	4	93	0.00	0.0	0.497	0.012	0	0	0	3		
PD.3142	PL.16505	C	fuse6AMP	7.55Y	125.8	0.00	0.17	1.38	24	10	4	93	0.00	0.0	0.497	0.000	0	0	0	3		
PL.16506	PD.3142	C	4ACSR	7.55Y	125.8	0.01	0.18	1.38	1	10	4	93	0.00	0.0	0.595	0.097	0	0	0	3		
P PL.4418	PL.16506	C	4ACSR	7.55Y	125.8	-0.00	0.18	-0.13	0	0	-1	0	0.00	0.0	0.723	0.128	0	0	0	1 P		
068744	PL.4418	C	Consumer	7.55Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.723	0.000	0	0	1	1		
P PL.45688	PL.4418	C	1/0EPRJCN	7.55Y	125.8	-0.00	0.18	-0.13	0	0	-1	0	0.00	0.0	0.921	0.198	0	0	0	0 P		
0677017	PL.45688	C	Consumer	7.55Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.921	0.000	0	0	0	0		
PL.4416	PL.16506	C	4ACSR	7.55Y	125.8	0.00	0.18	1.12	1	8	4	89	0.00	0.0	0.654	0.059	0	0	0	1		
068737	PL.4416	C	Consumer	7.55Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.654	0.000	0	0	0	0		
PL.4417	PL.4416	C	4ACSR	7.55Y	125.8	0.01	0.19	1.12	1	8	4	89	0.00	0.0	0.787	0.133	0	0	0	1		
068751	PL.4417	C	Consumer	7.55Y	125.8	0.00	0.19	1.12	0	8	4	89	0.00	0.0	0.787	0.000	8	4	1	1		
068735	PL.16506	C	Consumer	7.55Y	125.8	0.00	0.18	0.31	0	2	1	89	0.00	0.0	0.595	0.000	2	1	1	1		
PL.10897	PL.10896	A	1/0ACSR	7.51Y	125.2	0.15	0.77	53.56	27	363	175	90	0.47	0.1	0.599	0.114	0	0	0	86		
		B		7.54Y	125.7	0.06	0.32	36.55	18	248	121	90					0	0	0	59		
		C		7.55Y	125.8	0.03	0.20	20.35	10	139	66	90					0	0	0	34		
PL.24763	PL.10897	A	1/0ACSR	7.51Y	125.2	0.05	0.82	53.56	27	362	175	90	0.15	0.0	0.637	0.038	0	0	0	86		
		B		7.54Y	125.7	0.02	0.34	34.96	17	237	115	90					0	0	0	58		
		C		7.55Y	125.8	0.01	0.22	20.35	10	139	66	90					0	0	0	34		
068714	PL.24763	C	Consumer	7.55Y	125.8	0.00	0.22	0.18	0	1	1	71	0.00	0.0	0.637	0.000	1	1	1	1		
068724	PL.24763	C	Consumer	7.55Y	125.8	0.00	0.22	0.12	0	1	0	100	0.00	0.0	0.637	0.000	1	0	1	1		
PL.33885	PL.24763	A	1/0ACSR	7.50Y	125.0	0.17	0.98	53.56	27	362	175	90	0.52	0.1	0.767	0.129	0	0	0	86		
		B		7.54Y	125.6	0.06	0.40	34.96	17	237	115	90					0	0	0	58		
		C		7.54Y	125.7	0.04	0.25	20.06	10	137	65	90					0	0	0	32		
0687066	PL.33885	B	Consumer	7.54Y	125.6	0.00	0.40	0.07	0	0	0	100	0.00	0.0	0.767	0.000	0	0	1	1		
PL.33886	PL.33885	A	1/0ACSR	7.50Y	125.0	0.04	1.02	53.56	27	362	174	90	0.11	0.0	0.794	0.028	0	0	0	86		
		B		7.54Y	125.6	0.01	0.41	34.89	17	237	115	90					0	0	0	57		
		C		7.54Y	125.7	0.01	0.26	20.06	10	137	65	90					0	0	0	32		
PL.10898	PL.33886	A	1/0ACSR	7.50Y	124.9	0.05	1.06	53.56	27	362	174	90	0.14	0.0	0.830	0.035	0	0	0	86		
		B		7.53Y	125.6	0.02	0.43	34.89	17	237	115	90					0	0	0	57		
		C		7.54Y	125.7	0.01	0.27	18.26	9	124	59	90					0	0	0	30		
PL.16503	PL.10898	A	4ACSR	7.50Y	124.9	0.00	1.06	0.70	1	5	2	93	0.00	0.0	0.835	0.005	0	0	0	1		
PD.3125	PL.16503	A	fuse6AMP	7.50Y	124.9	0.00	1.06	0.70	12	5	2	93	0.00	0.0	0.835	0.000	0	0	0	1		
PL.16504	PD.3125	A	4ACSR	7.50Y	124.9	0.00	1.07	0.70	1	5	2	93	0.00	0.0	0.874	0.039	0	0	0	1		
068725	PL.16504	A	Consumer	7.50Y	124.9	0.00	1.07	0.70	0	5	2	93	0.00	0.0	0.874	0.000	5	2	1	1		
PL.10899	PL.10898	A	1/0ACSR	7.49Y	124.8	0.13	1.19	52.86	26	357	172	90	0.38	0.1	0.927	0.098	0	0	0	85		
		B		7.53Y	125.5	0.05	0.47	34.89	17	236	115	90					0	0	0	57		
		C		7.54Y	125.7	0.03	0.30	18.26	9	124	59	90					0	0	0	30		
PL.7997	PL.10899	A	1/0ACSR	7.48Y	124.7	0.07	1.26	52.86	26	357	172	90	0.23	0.0	0.985	0.058	0	0	0	85		
		B		7.53Y	125.5	0.03	0.50	34.89	17	236	115	90					0	0	0	57		
		C		7.54Y	125.7	0.02	0.31	18.26	9	124	59	90					0	0	0	30		

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: TRAPP

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.16498, PL.18940, C PD.3606, etc.

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.41272	PL.16097	B	4ACSR	7.47Y	124.5	0.05	1.48	33.63	28	227	109	90	0.08	0.0	2.077	0.031	0	0	0	54
PD.7384-A	PL.41272	B	Closed	7.47Y	124.5	0.00	1.48	33.63	0	226	109	90	0.00	0.0	2.077	0.000	0	0	0	54
PD.7384-B	PD.7384-A	B	Closed	7.47Y	124.5	0.00	1.48	33.63	0	226	109	90	0.00	0.0	2.077	0.000	0	0	0	54
PL.41273	PD.7384-B	B	4ACSR	7.46Y	124.3	0.21	1.69	33.63	28	226	109	90	0.36	0.2	2.211	0.134	0	0	0	54
PL.360	PL.41273	B	4ACSR	7.43Y	123.9	0.42	2.11	33.63	28	226	109	90	0.73	0.3	2.481	0.270	0	0	0	54
PL.41204	PL.360	B	4ACSR	7.40Y	123.3	0.60	2.71	33.08	28	222	106	90	1.03	0.5	2.873	0.392	0	0	0	50
PD.7358-A	PL.41204	B	Closed	7.40Y	123.3	0.00	2.71	33.08	0	221	106	90	0.00	0.0	2.873	0.000	0	0	0	50
PD.7358-B	PD.7358-A	B	Closed	7.40Y	123.3	0.00	2.71	33.08	0	221	106	90	0.00	0.0	2.873	0.000	0	0	0	50
PL.41205	PD.7358-B	B	4ACSR	7.40Y	123.3	0.02	2.73	33.08	28	221	106	90	0.03	0.0	2.885	0.012	0	0	0	50
PL.17661	PL.41205	B	4ACSR	7.40Y	123.3	0.00	2.73	1.53	1	10	5	89	0.00	0.0	2.913	0.027	0	0	0	2
PD.3123	PL.17661	B	fuse6AMP	7.40Y	123.3	0.00	2.73	1.53	26	10	5	89	0.00	0.0	2.913	0.000	0	0	0	2
PL.17662	PD.3123	B	4ACSR	7.40Y	123.3	0.00	2.73	1.53	1	10	5	89	0.00	0.0	2.962	0.049	0	0	0	2
PL.17660	PL.17662	B	4ACSR	7.40Y	123.3	0.00	2.73	0.41	0	3	1	95	0.00	0.0	2.974	0.012	0	0	0	1
PD.3124	PL.17660	B	fuse6AMP	7.40Y	123.3	0.00	2.73	0.41	7	3	1	95	0.00	0.0	2.974	0.000	0	0	0	1
PL.17659	PD.3124	B	4ACSR	7.40Y	123.3	0.00	2.73	0.41	0	3	1	95	0.00	0.0	3.006	0.033	0	0	0	1
066812	PL.17659	B	Consumer	7.40Y	123.3	0.00	2.73	0.41	0	3	1	95	0.00	0.0	3.006	0.000	3	1	1	1
PL.11713	PL.17662	B	4ACSR	7.39Y	123.2	0.02	2.75	1.12	1	7	4	87	0.00	0.0	3.322	0.361	0	0	0	1
PL.4410	PL.11713	B	4ACSR	7.39Y	123.2	0.01	2.77	1.12	1	7	4	87	0.00	0.0	3.569	0.247	0	0	0	1
065818	PL.4410	B	Consumer	7.39Y	123.2	0.00	2.77	1.12	0	7	4	87	0.00	0.0	3.569	0.000	7	4	1	1
PL.11714	PL.11713	B	4ACSR	7.39Y	123.2	0.00	2.75	0.00	0	0	0	100	0.00	0.0	3.427	0.104	0	0	0	0
066803	PL.41205	B	Consumer	7.40Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	2.885	0.000	0	0	0	0
066811	PL.41205	B	Consumer	7.40Y	123.3	0.00	2.73	0.02	0	0	0	100	0.00	0.0	2.885	0.000	0	0	1	1
PL.41202	PL.41205	B	4ACSR	7.40Y	123.3	0.01	2.74	28.17	24	188	90	90	0.02	0.0	2.896	0.011	0	0	0	41
C PD.7357	PL.41202	B	25L	7.40Y	123.3	0.00	2.74	28.17	113	188	90	90	0.00	0.0	2.896	0.000	0	0	0	41 C
PL.41203	PD.7357	B	4ACSR	7.38Y	123.1	0.19	2.93	28.17	24	188	90	90	0.28	0.1	3.044	0.147	0	0	0	41
PL.10656	PL.41203	B	4ACSR	7.37Y	122.8	0.22	3.16	27.51	23	183	88	90	0.31	0.2	3.217	0.173	0	0	0	40
PL.10657	PL.10656	B	4ACSR	7.37Y	122.8	0.06	3.21	25.18	21	167	80	90	0.08	0.0	3.267	0.050	0	0	0	38
PL.41216	PL.10657	B	4ACSR	7.37Y	122.8	0.00	3.21	1.03	1	7	3	92	0.00	0.0	3.274	0.007	0	0	0	1
PD.7361	PL.41216	B	fuse6AMP	7.37Y	122.8	0.00	3.21	1.03	18	7	3	92	0.00	0.0	3.274	0.000	0	0	0	1
PL.41217	PD.7361	B	4ACSR	7.37Y	122.8	0.00	3.22	1.03	1	7	3	92	0.00	0.0	3.346	0.072	0	0	0	1
066823	PL.41217	B	Consumer	7.37Y	122.8	0.00	3.22	1.03	0	7	3	92	0.00	0.0	3.346	0.000	7	3	1	1
PL.41218	PL.10657	B	4ACSR	7.37Y	122.8	0.00	3.21	0.93	1	6	3	89	0.00	0.0	3.275	0.008	0	0	0	1
PD.7362	PL.41218	B	fuse6AMP	7.37Y	122.8	0.00	3.21	0.93	16	6	3	89	0.00	0.0	3.275	0.000	0	0	0	1
PL.41219	PD.7362	B	4ACSR	7.37Y	122.8	0.00	3.22	0.93	1	6	3	89	0.00	0.0	3.320	0.045	0	0	0	1
066825	PL.41219	B	Consumer	7.37Y	122.8	0.00	3.22	0.93	0	6	3	89	0.00	0.0	3.320	0.000	6	3	1	1
PL.11215	PL.10657	B	4ACSR	7.36Y	122.7	0.06	3.27	23.21	20	154	74	90	0.07	0.0	3.322	0.054	0	0	0	36
PL.41220	PL.11215	B	4ACSR	7.36Y	122.7	0.00	3.27	1.19	1	8	4	89	0.00	0.0	3.327	0.005	0	0	0	1
PD.7363	PL.41220	B	fuse6AMP	7.36Y	122.7	0.00	3.27	1.19	20	8	4	89	0.00	0.0	3.327	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.41221	PD.7363	B	4ACSR	7.36Y	122.7	0.01	3.28	1.19	1	8	4	89	0.00	0.0	3.435	0.108	0	0	0	1
066816	PL.41221	B	Consumer	7.36Y	122.7	0.00	3.28	1.19	0	8	4	89	0.00	0.0	3.435	0.000	8	4	1	1
PL.41222	PL.11215	B	4ACSR	7.36Y	122.7	0.00	3.27	1.02	1	7	3	92	0.00	0.0	3.331	0.010	0	0	0	1
PD.7364	PL.41222	B	fuse6AMP	7.36Y	122.7	0.00	3.27	1.02	17	7	3	92	0.00	0.0	3.331	0.000	0	0	0	1
PL.41223	PD.7364	B	4ACSR	7.36Y	122.7	0.00	3.28	1.02	1	7	3	92	0.00	0.0	3.383	0.051	0	0	0	1
066817	PL.41223	B	Consumer	7.36Y	122.7	0.00	3.28	1.02	0	7	3	92	0.00	0.0	3.383	0.000	7	3	1	1
PL.11216	PL.11215	B	4ACSR	7.36Y	122.7	0.02	3.29	21.00	18	139	67	90	0.02	0.0	3.338	0.017	0	0	0	34
PL.11217	PL.11216	B	4ACSR	7.36Y	122.7	0.04	3.33	21.00	18	139	67	90	0.04	0.0	3.379	0.041	0	0	0	34
PL.41226	PL.11217	B	4ACSR	7.36Y	122.7	0.00	3.33	1.37	1	9	4	91	0.00	0.0	3.386	0.008	0	0	0	1
PD.7366	PL.41226	B	fuse6AMP	7.36Y	122.7	0.00	3.33	1.37	23	9	4	91	0.00	0.0	3.386	0.000	0	0	0	1
PL.41227	PD.7366	B	4ACSR	7.36Y	122.7	0.01	3.34	1.37	1	9	4	91	0.00	0.0	3.484	0.097	0	0	0	1
066714	PL.41227	B	Consumer	7.36Y	122.7	0.00	3.34	1.37	0	9	4	91	0.00	0.0	3.484	0.000	9	4	1	1
PL.11218	PL.11217	B	4ACSR	7.36Y	122.6	0.05	3.38	18.60	16	123	59	90	0.05	0.0	3.436	0.057	0	0	0	31
PL.11219	PL.11218	B	4ACSR	7.35Y	122.6	0.07	3.44	17.71	15	118	56	90	0.06	0.1	3.516	0.080	0	0	0	30
PL.41233	PL.11219	B	4ACSR	7.35Y	122.6	0.00	3.44	1.56	1	10	5	89	0.00	0.0	3.528	0.012	0	0	0	3
PD.7368	PL.41233	B	fuse6AMP	7.35Y	122.6	0.00	3.44	1.56	27	10	5	89	0.00	0.0	3.528	0.000	0	0	0	3
PL.41234	PD.7368	B	4ACSR	7.35Y	122.6	0.00	3.45	1.56	1	10	5	89	0.00	0.0	3.570	0.041	0	0	0	3
PL.7941	PL.41234	B	4ACSR	7.35Y	122.6	0.00	3.45	1.56	1	10	5	89	0.00	0.0	3.570	0.000	0	0	0	3
066710	PL.7941	B	Consumer	7.35Y	122.6	0.00	3.45	0.86	0	6	3	89	0.00	0.0	3.570	0.000	6	3	1	1
065715	PL.7941	B	Consumer	7.35Y	122.6	0.00	3.45	0.63	0	4	2	89	0.00	0.0	3.570	0.000	4	2	1	1
0667020	PL.7941	B	Consumer	7.35Y	122.6	0.00	3.45	0.07	0	0	0	100	0.00	0.0	3.570	0.000	0	0	1	1
PL.41231	PL.11219	B	4ACSR	7.35Y	122.6	0.00	3.44	0.36	0	2	1	89	0.00	0.0	3.525	0.009	0	0	0	1
PD.7367	PL.41231	B	fuse6AMP	7.35Y	122.6	0.00	3.44	0.36	6	2	1	89	0.00	0.0	3.525	0.000	0	0	0	1
PL.41232	PD.7367	B	4ACSR	7.35Y	122.6	0.00	3.44	0.36	0	2	1	89	0.00	0.0	3.565	0.040	0	0	0	1
066713	PL.41232	B	Consumer	7.35Y	122.6	0.00	3.44	0.36	0	2	1	89	0.00	0.0	3.565	0.000	2	1	1	1
PL.11221	PL.11219	B	4ACSR	7.35Y	122.5	0.10	3.54	15.79	13	105	50	90	0.08	0.1	3.647	0.131	0	0	0	26
065708	PL.11221	B	Consumer	7.35Y	122.5	0.00	3.54	0.75	0	5	2	93	0.00	0.0	3.647	0.000	5	2	1	1
PL.11222	PL.11221	B	4ACSR	7.35Y	122.4	0.03	3.57	15.04	13	100	48	90	0.02	0.0	3.684	0.038	0	0	0	25
PL.41240	PL.11222	B	4ACSR	7.35Y	122.4	0.00	3.57	1.05	1	7	3	92	0.00	0.0	3.688	0.004	0	0	0	1
PD.7370	PL.41240	B	fuse6AMP	7.35Y	122.4	0.00	3.57	1.05	18	7	3	92	0.00	0.0	3.688	0.000	0	0	0	1
PL.41241	PD.7370	B	4ACSR	7.35Y	122.4	0.01	3.57	1.05	1	7	3	92	0.00	0.0	3.792	0.103	0	0	0	1
PL.4275	PL.41241	B	4ACSR	7.35Y	122.4	0.00	3.57	1.05	1	7	3	92	0.00	0.0	3.858	0.066	0	0	0	1
065722	PL.4275	B	Consumer	7.35Y	122.4	0.00	3.57	1.05	0	7	3	92	0.00	0.0	3.858	0.000	7	3	1	1
PL.41238	PL.11222	B	4ACSR	7.35Y	122.4	0.00	3.57	13.55	11	90	43	90	0.00	0.0	3.690	0.005	0	0	0	21
PD.7369-A	PL.41238	B	Closed	7.35Y	122.4	0.00	3.57	13.55	0	90	43	90	0.00	0.0	3.690	0.000	0	0	0	21
PD.7369-B	PD.7369-A	B	Closed	7.35Y	122.4	0.00	3.57	13.55	0	90	43	90	0.00	0.0	3.690	0.000	0	0	0	21
PL.41244	PD.7369-B	B	4ACSR	7.35Y	122.4	0.01	3.58	13.55	11	90	43	90	0.01	0.0	3.706	0.017	0	0	0	21
PL.41245	PL.41244	B	4ACSR	7.34Y	122.3	0.13	3.71	13.55	11	90	43	90	0.09	0.1	3.921	0.215	0	0	0	21

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.41246	PL.41245	B	4ACSR	7.34Y	122.3	0.00	3.71	1.05	1	7	3	92	0.00	0.0	3.929	0.008	0	0	0	1
PD.7372	PL.41246	B	fuse6AMP	7.34Y	122.3	0.00	3.71	1.05	18	7	3	92	0.00	0.0	3.929	0.000	0	0	0	1
PL.41247	PD.7372	B	4ACSR	7.34Y	122.3	0.00	3.72	1.05	1	7	3	92	0.00	0.0	3.986	0.058	0	0	0	1
065731	PL.41247	B	Consumer	7.34Y	122.3	0.00	3.72	1.05	0	7	3	92	0.00	0.0	3.986	0.000	7	3	1	1
PL.7945	PL.41245	B	4ACSR	7.33Y	122.2	0.05	3.76	11.39	10	75	36	90	0.03	0.0	4.015	0.094	0	0	0	19
065716	PL.7945	B	Consumer	7.33Y	122.2	0.00	3.76	0.82	0	5	3	86	0.00	0.0	4.015	0.000	5	3	1	1
PL.11223	PL.7945	B	4ACSR	7.33Y	122.2	0.01	3.78	10.56	9	70	33	90	0.01	0.0	4.043	0.028	0	0	0	18
PL.41248	PL.11223	B	4ACSR	7.33Y	122.2	0.00	3.78	1.72	1	11	5	91	0.00	0.0	4.051	0.008	0	0	0	2
PD.7373	PL.41248	B	fuse6AMP	7.33Y	122.2	0.00	3.78	1.72	29	11	5	91	0.00	0.0	4.051	0.000	0	0	0	2
PL.41249	PD.7373	B	4ACSR	7.33Y	122.2	0.00	3.78	1.72	1	11	5	91	0.00	0.0	4.097	0.046	0	0	0	2
065724	PL.41249	B	Consumer	7.33Y	122.2	0.00	3.78	1.27	0	8	4	89	0.00	0.0	4.097	0.000	8	4	1	1
PL.4357	PL.41249	B	4ACSR	7.33Y	122.2	0.00	3.78	0.46	0	3	1	95	0.00	0.0	4.150	0.053	0	0	0	1
065726	PL.4357	B	Consumer	7.33Y	122.2	0.00	3.78	0.46	0	3	1	95	0.00	0.0	4.150	0.000	3	1	1	1
PL.11224	PL.11223	B	4ACSR	7.33Y	122.2	0.02	3.80	8.84	7	58	28	90	0.01	0.0	4.101	0.058	0	0	0	16
PL.11143	PL.11224	B	4ACSR	7.33Y	122.2	0.02	3.82	8.22	7	54	26	90	0.01	0.0	4.156	0.056	0	0	0	15
065727	PL.11143	B	Consumer	7.33Y	122.2	0.00	3.82	0.24	0	2	1	89	0.00	0.0	4.156	0.000	2	1	1	1
065720	PL.11143	B	Consumer	7.33Y	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	4.156	0.000	0	0	1	1
PL.41252	PL.11143	B	4ACSR	7.33Y	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	4.161	0.004	0	0	0	1
PD.7375	PL.41252	B	fuse6AMP	7.33Y	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	4.161	0.000	0	0	0	1
PL.41253	PD.7375	B	4ACSR	7.33Y	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	4.211	0.050	0	0	0	1
065729	PL.41253	B	Consumer	7.33Y	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	4.211	0.000	0	0	1	1
PL.11144	PL.11143	B	4ACSR	7.33Y	122.2	0.02	3.84	7.98	7	53	25	90	0.01	0.0	4.212	0.056	0	0	0	12
PL.11145	PL.11144	B	4ACSR	7.33Y	122.1	0.01	3.85	5.28	4	35	17	90	0.00	0.0	4.249	0.036	0	0	0	9
PL.11146	PL.11145	B	4ACSR	7.33Y	122.1	0.03	3.88	4.77	4	32	15	91	0.01	0.0	4.399	0.151	0	0	0	8
PL.16432	PL.11146	B	4ACSR	7.33Y	122.1	0.00	3.89	3.51	3	23	11	90	0.00	0.0	4.404	0.005	0	0	0	7
PD.2159-A	PL.16432	B	Closed	7.33Y	122.1	0.00	3.89	3.51	0	23	11	90	0.00	0.0	4.404	0.000	0	0	0	7
PD.2159-B	PD.2159-A	B	Closed	7.33Y	122.1	0.00	3.89	3.51	0	23	11	90	0.00	0.0	4.404	0.000	0	0	0	7
PL.16433	PD.2159-B	B	4ACSR	7.33Y	122.1	0.02	3.90	3.51	3	23	11	90	0.00	0.0	4.503	0.099	0	0	0	7
PL.7942	PL.16433	B	4ACSR	7.33Y	122.1	0.00	3.91	3.20	3	21	10	90	0.00	0.0	4.526	0.023	0	0	0	6
PL.7943	PL.7942	B	4ACSR	7.32Y	122.1	0.02	3.92	2.51	2	17	8	90	0.00	0.0	4.673	0.147	0	0	0	5
PL.11147	PL.7943	B	4ACSR	7.32Y	122.1	0.01	3.93	1.70	1	11	5	91	0.00	0.0	4.760	0.087	0	0	0	2
PL.24413	PL.11147	B	4ACSR	7.32Y	122.1	0.00	3.93	0.61	1	4	2	89	0.00	0.0	4.800	0.040	0	0	0	1
PL.4101	PL.24413	B	4ACSR	7.32Y	122.1	0.00	3.93	0.61	1	4	2	89	0.00	0.0	4.847	0.047	0	0	0	1
064704	PL.4101	B	Consumer	7.32Y	122.1	0.00	3.93	0.61	0	4	2	89	0.00	0.0	4.847	0.000	4	2	1	1
PL.41262	PL.11147	B	4ACSR	7.32Y	122.1	0.00	3.93	1.09	1	7	3	92	0.00	0.0	4.765	0.004	0	0	0	1
PL.41263	PL.41262	B	4ACSR	7.32Y	122.1	0.00	3.93	1.09	1	7	3	92	0.00	0.0	4.858	0.093	0	0	0	1
PL.4080	PL.41263	B	4ACSR	7.32Y	122.1	0.00	3.93	1.09	1	7	3	92	0.00	0.0	4.873	0.016	0	0	0	1
064734	PL.4080	B	Consumer	7.32Y	122.1	0.00	3.93	1.09	0	7	3	92	0.00	0.0	4.873	0.000	7	3	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	% PF	kW Loss	% Loss	Length (mi)	KW		KVAR			
064733	PL.4080	B	Consumer	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	4.873	0.000	0	0	0	0	
PL.41264	PL.11147	B	4ACSR	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	4.764	0.004	0	0	0	0	
PL.41265	PL.41264	B	4ACSR	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	4.797	0.032	0	0	0	0	
PL.313	PL.41265	B	4ACSR	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	4.925	0.129	0	0	0	0	
PL.16430	PL.313	B	4ACSR	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	4.930	0.005	0	0	0	0	
PD.2381-A	PL.16430	B	Open	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	4.930	0.000	0	0	0	0	
PL.41260	PL.7943	B	4ACSR	7.32Y	122.1	0.00	3.92	0.82	1	5	3	86	0.00	0.0	4.676	0.003	0	0	0	3	
PD.7379	PL.41260	B	fuse6AMP	7.32Y	122.1	0.00	3.92	0.82	14	5	3	86	0.00	0.0	4.676	0.000	0	0	0	3	
PL.41261	PD.7379	B	4ACSR	7.32Y	122.1	0.00	3.93	0.82	1	5	3	86	0.00	0.0	4.781	0.105	0	0	0	3	
PL.7939	PL.41261	B	4ACSR	7.32Y	122.1	0.00	3.93	0.01	0	0	0	100	0.00	0.0	4.825	0.043	0	0	0	2	
PL.4073	PL.7939	B	4ACSR	7.32Y	122.1	0.00	3.93	0.01	0	0	0	100	0.00	0.0	4.899	0.074	0	0	0	2	
PL.4074	PL.4073	B	4ACSR	7.32Y	122.1	0.00	3.93	0.01	0	0	0	100	0.00	0.0	4.949	0.051	0	0	0	1	
PL.24414	PL.4074	B	4ACSR	7.32Y	122.1	0.00	3.93	0.01	0	0	0	100	0.00	0.0	5.019	0.070	0	0	0	1	
065713	PL.24414	B	Consumer	7.32Y	122.1	0.00	3.93	0.01	0	0	0	100	0.00	0.0	5.019	0.000	0	0	1	1	
064716	PL.4073	B	Consumer	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	4.899	0.000	0	0	1	1	
065710	PL.41261	B	Consumer	7.32Y	122.1	0.00	3.93	0.81	0	5	3	86	0.00	0.0	4.781	0.000	5	3	1	1	
065702	PL.7943	B	Consumer	7.32Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	4.673	0.000	0	0	0	0	
065723	PL.7942	B	Consumer	7.33Y	122.1	0.00	3.91	0.69	0	5	2	93	0.00	0.0	4.526	0.000	5	2	1	1	
065703	PL.16433	B	Consumer	7.33Y	122.1	0.00	3.90	0.31	0	2	1	89	0.00	0.0	4.503	0.000	2	1	1	1	
065721	PL.11146	B	Consumer	7.33Y	122.1	0.00	3.88	0.00	0	0	0	100	0.00	0.0	4.399	0.000	0	0	0	0	
PL.41258	PL.11146	B	4ACSR	7.33Y	122.1	0.00	3.89	1.26	1	8	4	89	0.00	0.0	4.403	0.003	0	0	0	1	
PD.7378	PL.41258	B	fuse6AMP	7.33Y	122.1	0.00	3.89	1.26	22	8	4	89	0.00	0.0	4.403	0.000	0	0	0	1	
PL.41259	PD.7378	B	4ACSR	7.33Y	122.1	0.00	3.89	1.26	1	8	4	89	0.00	0.0	4.433	0.031	0	0	0	1	
065730	PL.41259	B	Consumer	7.33Y	122.1	0.00	3.89	1.26	0	8	4	89	0.00	0.0	4.433	0.000	8	4	1	1	
PL.41256	PL.11145	B	4ACSR	7.33Y	122.1	0.00	3.85	0.51	0	3	2	83	0.00	0.0	4.252	0.004	0	0	0	1	
PD.7377	PL.41256	B	fuse6AMP	7.33Y	122.1	0.00	3.85	0.51	9	3	2	83	0.00	0.0	4.252	0.000	0	0	0	1	
PL.41257	PD.7377	B	4ACSR	7.33Y	122.1	0.00	3.86	0.51	0	3	2	83	0.00	0.0	4.416	0.164	0	0	0	1	
065705	PL.41257	B	Consumer	7.33Y	122.1	0.00	3.86	0.51	0	3	2	83	0.00	0.0	4.416	0.000	3	2	1	1	
065706	PL.11144	B	Consumer	7.33Y	122.2	0.00	3.84	1.18	0	8	4	89	0.00	0.0	4.212	0.000	8	4	1	1	
PL.41254	PL.11144	B	4ACSR	7.33Y	122.2	0.00	3.84	1.52	1	10	5	89	0.00	0.0	4.217	0.005	0	0	0	2	
PD.7376	PL.41254	B	fuse6AMP	7.33Y	122.2	0.00	3.84	1.52	26	10	5	89	0.00	0.0	4.217	0.000	0	0	0	2	
PL.41255	PD.7376	B	4ACSR	7.33Y	122.1	0.01	3.85	1.52	1	10	5	89	0.00	0.0	4.324	0.107	0	0	0	2	
065732	PL.41255	B	Consumer	7.33Y	122.1	0.00	3.85	1.01	0	7	3	92	0.00	0.0	4.324	0.000	7	3	1	1	
065719	PL.41255	B	Consumer	7.33Y	122.1	0.00	3.85	0.51	0	3	2	83	0.00	0.0	4.324	0.000	3	2	1	1	
PL.41250	PL.11224	B	4ACSR	7.33Y	122.2	0.00	3.80	0.62	1	4	2	89	0.00	0.0	4.110	0.009	0	0	0	1	
PD.7374	PL.41250	B	fuse6AMP	7.33Y	122.2	0.00	3.80	0.62	11	4	2	89	0.00	0.0	4.110	0.000	0	0	0	1	
PL.41251	PD.7374	B	4ACSR	7.33Y	122.2	0.00	3.80	0.62	1	4	2	89	0.00	0.0	4.145	0.035	0	0	0	1	
065718	PL.41251	B	Consumer	7.33Y	122.2	0.00	3.80	0.62	0	4	2	89	0.00	0.0	4.145	0.000	4	2	1	1	

Unbalanced Voltage Drop Report
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Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
065728	PL.41245	B	Consumer	7.34Y	122.3	0.00	3.71	1.12	0	7	4	87	0.00	0.0	3.921	0.000	7	4	1	1
PL.41242	PL.11222	B	4ACSR	7.35Y	122.4	0.00	3.57	0.45	0	3	1	95	0.00	0.0	3.689	0.005	0	0	0	2
PD.7371	PL.41242	B	fuse6AMP	7.35Y	122.4	0.00	3.57	0.45	8	3	1	95	0.00	0.0	3.689	0.000	0	0	0	2
PL.41243	PD.7371	B	4ACSR	7.35Y	122.4	0.00	3.57	0.45	0	3	1	95	0.00	0.0	3.793	0.104	0	0	0	2
0667017	PL.41243	B	Consumer	7.35Y	122.4	0.00	3.57	0.05	0	0	0	100	0.00	0.0	3.793	0.000	0	0	1	1
066712	PL.41243	B	Consumer	7.35Y	122.4	0.00	3.57	0.39	0	3	1	95	0.00	0.0	3.793	0.000	3	1	1	1
065725	PL.11222	B	Consumer	7.35Y	122.4	0.00	3.57	0.00	0	0	0	100	0.00	0.0	3.684	0.000	0	0	1	1
066716	PL.11218	B	Consumer	7.36Y	122.6	0.00	3.38	0.90	0	6	3	89	0.00	0.0	3.436	0.000	6	3	1	1
PL.41224	PL.11217	B	4ACSR	7.36Y	122.7	0.00	3.33	1.03	1	7	3	92	0.00	0.0	3.387	0.008	0	0	0	2
PD.7365	PL.41224	B	fuse6AMP	7.36Y	122.7	0.00	3.33	1.03	18	7	3	92	0.00	0.0	3.387	0.000	0	0	0	2
PL.41229	PD.7365	B	4ACSR	7.36Y	122.7	0.00	3.33	1.03	1	7	3	92	0.00	0.0	3.393	0.006	0	0	0	2
PL.41228	PL.41229	B	4ACSR	7.36Y	122.7	0.00	3.33	0.08	0	1	0	100	0.00	0.0	3.429	0.036	0	0	0	1
0667021	PL.41228	B	Consumer	7.36Y	122.7	0.00	3.33	0.08	0	1	0	100	0.00	0.0	3.429	0.000	1	0	1	1
PL.41230	PL.41229	B	4ACSR	7.36Y	122.7	0.00	3.33	0.95	1	6	3	89	0.00	0.0	3.419	0.026	0	0	0	1
066711	PL.41230	B	Consumer	7.36Y	122.7	0.00	3.33	0.95	0	6	3	89	0.00	0.0	3.419	0.000	6	3	1	1
PL.41208	PL.10656	B	4ACSR	7.37Y	122.8	0.00	3.16	0.10	0	1	0	100	0.00	0.0	3.224	0.007	0	0	0	1
PD.7360	PL.41208	B	fuse6AMP	7.37Y	122.8	0.00	3.16	0.10	2	1	0	100	0.00	0.0	3.224	0.000	0	0	0	1
PL.41209	PD.7360	B	4ACSR	7.37Y	122.8	0.00	3.16	0.10	0	1	0	100	0.00	0.0	3.255	0.031	0	0	0	1
066813	PL.41209	B	Consumer	7.37Y	122.8	0.00	3.16	0.10	0	1	0	100	0.00	0.0	3.255	0.000	1	0	1	1
066818	PL.10656	B	Consumer	7.37Y	122.8	0.00	3.16	2.23	0	15	7	91	0.00	0.0	3.217	0.000	15	7	1	1
PL.41206	PL.41203	B	4ACSR	7.38Y	123.1	0.00	2.94	0.66	1	4	2	89	0.00	0.0	3.050	0.006	0	0	0	1
PD.7359	PL.41206	B	fuse6AMP	7.38Y	123.1	0.00	2.94	0.66	11	4	2	89	0.00	0.0	3.050	0.000	0	0	0	1
PL.41207	PD.7359	B	4ACSR	7.38Y	123.1	0.00	2.94	0.66	1	4	2	89	0.00	0.0	3.141	0.091	0	0	0	1
066824	PL.41207	B	Consumer	7.38Y	123.1	0.00	2.94	0.66	0	4	2	89	0.00	0.0	3.141	0.000	4	2	1	1
PL.17663	PL.41205	B	4ACSR	7.40Y	123.3	0.00	2.73	3.37	3	22	11	89	0.00	0.0	2.898	0.013	0	0	0	6
PD.3122	PL.17663	B	fuse6AMP	7.40Y	123.3	0.00	2.73	3.37	58	22	11	89	0.00	0.0	2.898	0.000	0	0	0	6
PL.27304	PD.3122	B	4ACSR	7.39Y	123.2	0.07	2.80	3.37	3	22	11	89	0.01	0.1	3.360	0.461	0	0	0	6
PL.27305	PL.27304	B	4ACSR	7.39Y	123.2	0.00	2.81	2.37	2	16	8	89	0.00	0.0	3.393	0.033	0	0	0	5
PL.7977	PL.27305	B	4ACSR	7.39Y	123.2	0.00	2.81	1.43	1	10	5	89	0.00	0.0	3.428	0.035	0	0	0	4
PL.7978	PL.7977	B	4ACSR	7.39Y	123.2	0.00	2.81	0.93	1	6	3	89	0.00	0.0	3.484	0.057	0	0	0	3
PL.7952	PL.7978	B	4ACSR	7.39Y	123.2	0.00	2.81	0.49	0	3	2	83	0.00	0.0	3.612	0.128	0	0	0	2
066809	PL.7952	B	Consumer	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	3.612	0.000	0	0	1	1
PL.7953	PL.7952	B	4ACSR	7.39Y	123.2	0.00	2.82	0.49	0	3	2	83	0.00	0.0	3.720	0.108	0	0	0	1
066819	PL.7953	B	Consumer	7.39Y	123.2	0.00	2.82	0.49	0	3	2	83	0.00	0.0	3.720	0.000	3	2	1	1
066806	PL.7978	B	Consumer	7.39Y	123.2	0.00	2.81	0.44	0	3	1	95	0.00	0.0	3.484	0.000	3	1	1	1
066822	PL.7977	B	Consumer	7.39Y	123.2	0.00	2.81	0.49	0	3	2	83	0.00	0.0	3.428	0.000	3	2	1	1
066821	PL.27305	B	Consumer	7.39Y	123.2	0.00	2.81	0.95	0	6	3	89	0.00	0.0	3.393	0.000	6	3	1	1
PL.4404	PL.27304	B	4ACSR	7.39Y	123.2	0.00	2.81	1.00	1	7	3	92	0.00	0.0	3.461	0.101	0	0	0	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
066820	PL.4404	B	Consumer	7.39Y	123.2	0.00	2.81	1.00	0	7	3	92	0.00	0.0	3.461	0.000	7	3	1	1
PL.21440	PL.360	B	4ACSR	7.43Y	123.9	0.00	2.11	0.54	0	4	2	89	0.00	0.0	2.517	0.037	0	0	0	4
PD.3498	PL.21440	B	fuse6AMP	7.43Y	123.9	0.00	2.11	0.54	9	4	2	89	0.00	0.0	2.517	0.000	0	0	0	4
PL.21441	PD.3498	B	4ACSR	7.43Y	123.9	0.01	2.12	0.54	0	4	2	89	0.00	0.0	2.870	0.353	0	0	0	4
PL.11036	PL.21441	B	4ACSR	7.43Y	123.9	0.00	2.12	0.54	0	4	2	89	0.00	0.0	3.001	0.130	0	0	0	4
PL.7969	PL.11036	B	4ACSR	7.43Y	123.9	0.00	2.12	0.52	0	4	2	89	0.00	0.0	3.018	0.017	0	0	0	2
PL.11037	PL.7969	B	4ACSR	7.43Y	123.9	0.01	2.13	0.52	0	4	2	89	0.00	0.0	3.300	0.282	0	0	0	2
PL.11038	PL.11037	B	4ACSR	7.43Y	123.9	0.00	2.13	0.52	0	4	2	89	0.00	0.0	3.405	0.105	0	0	0	2
PL.11039	PL.11038	B	4ACSR	7.43Y	123.9	0.00	2.13	0.52	0	4	2	89	0.00	0.0	3.527	0.122	0	0	0	2
PL.40632	PL.11039	B	4ACSR	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	3.551	0.023	0	0	0	0
PD.7241-A	PL.40632	B	Open	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	3.551	0.000	0	0	0	0
PL.41270	PL.11039	B	4ACSR	7.43Y	123.9	0.00	2.13	0.52	0	4	2	89	0.00	0.0	3.533	0.006	0	0	0	1
PD.7383	PL.41270	B	fuse6AMP	7.43Y	123.9	0.00	2.13	0.52	9	4	2	89	0.00	0.0	3.533	0.000	0	0	0	1
PL.41271	PD.7383	B	4ACSR	7.43Y	123.9	0.00	2.14	0.52	0	4	2	89	0.00	0.0	3.621	0.088	0	0	0	1
066705	PL.41271	B	Consumer	7.43Y	123.9	0.00	2.14	0.52	0	4	2	89	0.00	0.0	3.621	0.000	4	2	1	1
066707	PL.11039	B	Consumer	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	3.527	0.000	0	0	1	1
066814	PL.11036	B	Consumer	7.43Y	123.9	0.00	2.12	0.02	0	0	0	100	0.00	0.0	3.001	0.000	0	0	1	1
066815	PL.11036	B	Consumer	7.43Y	123.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	3.001	0.000	0	0	1	1
067829	PL.16097	B	Consumer	7.47Y	124.6	0.00	1.43	0.57	0	4	2	89	0.00	0.0	2.045	0.000	4	2	1	1
PL.15974	PL.8004	A	4ACSR	7.44Y	124.0	0.02	2.01	32.73	28	220	105	90	0.03	0.0	1.740	0.011	0	0	0	64
PD.2155-A	PL.15974	A	Closed	7.44Y	124.0	0.00	2.01	32.73	0	220	105	90	0.00	0.0	1.740	0.000	0	0	0	64
PD.2155-B	PD.2155-A	A	Closed	7.44Y	124.0	0.00	2.01	32.73	0	220	105	90	0.00	0.0	1.740	0.000	0	0	0	64
PL.15975	PD.2155-B	A	4ACSR	7.43Y	123.9	0.08	2.09	32.73	28	220	105	90	0.13	0.1	1.790	0.050	0	0	0	64
PL.41266	PL.15975	A	4ACSR	7.43Y	123.9	-0.00	2.09	0.00	0	0	0	100	0.00	0.0	1.794	0.004	0	0	0	2
PD.7382	PL.41266	A	fuse6AMP	7.43Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	1.794	0.000	0	0	0	2
PL.41267	PD.7382	A	4ACSR	7.43Y	123.9	-0.00	2.09	0.00	0	0	0	100	0.00	0.0	1.832	0.038	0	0	0	2
067828	PL.41267	A	Consumer	7.43Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	1.832	0.000	0	0	1	1
067832	PL.41267	A	Consumer	7.43Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	1.832	0.000	0	0	1	1
PL.11034	PL.15975	A	4ACSR	7.41Y	123.4	0.46	2.55	32.73	28	219	105	90	0.78	0.4	2.096	0.306	0	0	0	62
PL.11035	PL.11034	A	4ACSR	7.38Y	123.0	0.41	2.96	32.73	28	219	105	90	0.68	0.3	2.364	0.268	0	0	0	62
PL.16493	PL.11035	A	4ACSR	7.38Y	123.0	0.01	2.97	10.22	9	68	33	90	0.01	0.0	2.385	0.021	0	0	0	14
PD.2156-A	PL.16493	A	Closed	7.38Y	123.0	0.00	2.97	10.22	0	68	33	90	0.00	0.0	2.385	0.000	0	0	0	14
PD.2156-B	PD.2156-A	A	Closed	7.38Y	123.0	0.00	2.97	10.22	0	68	33	90	0.00	0.0	2.385	0.000	0	0	0	14
PL.16494	PD.2156-B	A	4ACSR	7.38Y	123.0	0.04	3.00	10.22	9	68	33	90	0.02	0.0	2.461	0.076	0	0	0	14
067830	PL.16494	A	Consumer	7.38Y	123.0	0.00	3.00	0.54	0	4	2	89	0.00	0.0	2.461	0.000	4	2	1	1
067826	PL.16494	A	Consumer	7.38Y	123.0	0.00	3.00	0.17	0	1	1	71	0.00	0.0	2.461	0.000	1	1	1	1
067818	PL.16494	A	Consumer	7.38Y	123.0	0.00	3.00	0.81	0	5	3	86	0.00	0.0	2.461	0.000	5	3	1	1
067901	PL.16494	A	Consumer	7.38Y	123.0	0.00	3.00	1.33	0	9	4	91	0.00	0.0	2.461	0.000	9	4	1	1

Unbalanced Voltage Drop Report
Source: TRAPP

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: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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			
C PD.3162	PL.16488	A	fuse6AMP	7.37Y	122.9	0.00	3.13	21.38	365	142	68	90	0.00	0.0	2.534	0.000	0	0	0	44	C
PL.16489	PD.3162	A	4ACSR	7.37Y	122.8	0.10	3.23	21.38	18	142	68	90	0.11	0.1	2.636	0.102	0	0	0	44	
PL.41276	PL.16489	A	4ACSR	7.37Y	122.8	0.00	3.24	21.34	18	142	68	90	0.00	0.0	2.640	0.004	0	0	0	43	
PD.7388-A	PL.41276	A	Closed	7.37Y	122.8	0.00	3.24	21.34	0	142	68	90	0.00	0.0	2.640	0.000	0	0	0	43	
PD.7388-B	PD.7388-A	A	Closed	7.37Y	122.8	0.00	3.24	21.34	0	142	68	90	0.00	0.0	2.640	0.000	0	0	0	43	
PL.41277	PD.7388-B	A	4ACSR	7.36Y	122.6	0.17	3.40	21.34	18	142	68	90	0.18	0.1	2.808	0.168	0	0	0	43	
PL.16482	PL.41277	A	4ACSR	7.35Y	122.4	0.17	3.57	20.61	17	137	66	90	0.18	0.1	2.986	0.178	0	0	0	42	
PL.16483	PL.16482	A	4ACSR	7.34Y	122.4	0.01	3.58	20.61	17	137	65	90	0.01	0.0	2.997	0.011	0	0	0	42	
PL.4363	PL.16483	A	4ACSR	7.34Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	3.008	0.010	0	0	0	0	
PL.41304	PL.16483	A	4ACSR	7.34Y	122.4	0.01	3.59	20.08	17	133	64	90	0.01	0.0	3.003	0.005	0	0	0	41	
PD.2158-A	PL.41304	A	Closed	7.34Y	122.4	0.00	3.59	20.08	0	133	64	90	0.00	0.0	3.003	0.000	0	0	0	41	
PD.2158-B	PD.2158-A	A	Closed	7.34Y	122.4	0.00	3.59	20.08	0	133	64	90	0.00	0.0	3.003	0.000	0	0	0	41	
PL.41305	PD.2158-B	A	4ACSR	7.34Y	122.4	0.00	3.59	20.08	17	133	64	90	0.00	0.0	3.006	0.004	0	0	0	41	
PL.41306	PL.41305	A	4ACSR	7.34Y	122.4	0.04	3.63	20.08	17	133	64	90	0.04	0.0	3.048	0.041	0	0	0	41	
C PD.7391	PL.41306	A	25L	7.34Y	122.4	0.00	3.63	20.08	80	133	64	90	0.00	0.0	3.048	0.000	0	0	0	41	C
PL.41307	PD.7391	A	4ACSR	7.34Y	122.3	0.02	3.65	20.08	17	133	64	90	0.02	0.0	3.070	0.022	0	0	0	41	
PL.8008	PL.41307	A	4ACSR	7.34Y	122.3	0.07	3.72	20.08	17	133	64	90	0.07	0.1	3.146	0.076	0	0	0	40	
067925	PL.8008	A	Consumer	7.34Y	122.3	0.00	3.72	0.57	0	4	2	89	0.00	0.0	3.146	0.000	4	2	1	1	
067909	PL.8008	A	Consumer	7.34Y	122.3	0.00	3.72	0.00	0	0	0	100	0.00	0.0	3.146	0.000	0	0	0	0	
PL.10615	PL.8008	A	4ACSR	7.33Y	122.2	0.04	3.76	19.50	16	129	62	90	0.04	0.0	3.188	0.042	0	0	0	39	
PL.41280	PL.10615	A	4ACSR	7.33Y	122.2	0.00	3.76	1.14	1	8	4	89	0.00	0.0	3.193	0.006	0	0	0	2	
PD.7390	PL.41280	A	fuse6AMP	7.33Y	122.2	0.00	3.76	1.14	20	8	4	89	0.00	0.0	3.193	0.000	0	0	0	2	
PL.41281	PD.7390	A	4ACSR	7.33Y	122.2	0.00	3.76	1.14	1	8	4	89	0.00	0.0	3.264	0.071	0	0	0	2	
PL.4025	PL.41281	A	4ACSR	7.33Y	122.2	0.00	3.77	0.57	0	4	2	89	0.00	0.0	3.356	0.092	0	0	0	1	
067955	PL.4025	A	Consumer	7.33Y	122.2	0.00	3.77	0.57	0	4	2	89	0.00	0.0	3.356	0.000	4	2	1	1	
067953	PL.41281	A	Consumer	7.33Y	122.2	0.00	3.76	0.58	0	4	2	89	0.00	0.0	3.264	0.000	4	2	1	1	
PL.10616	PL.10615	A	4ACSR	7.33Y	122.2	0.05	3.81	18.36	15	121	58	90	0.04	0.0	3.242	0.054	0	0	0	36	
067910	PL.10616	A	Consumer	7.33Y	122.2	0.00	3.81	0.40	0	3	1	95	0.00	0.0	3.242	0.000	3	1	1	1	
PL.16486	PL.10616	A	4ACSR	7.33Y	122.2	0.01	3.81	17.96	15	119	57	90	0.01	0.0	3.250	0.009	0	0	0	35	
PD.2147-A	PL.16486	A	Closed	7.33Y	122.2	0.00	3.81	17.96	0	119	57	90	0.00	0.0	3.250	0.000	0	0	0	35	
PD.2147-B	PD.2147-A	A	Closed	7.33Y	122.2	0.00	3.81	17.96	0	119	57	90	0.00	0.0	3.250	0.000	0	0	0	35	
PL.16487	PD.2147-B	A	4ACSR	7.33Y	122.1	0.09	3.90	17.96	15	119	57	90	0.08	0.1	3.359	0.109	0	0	0	35	
PL.41741	PL.16487	A	4ACSR	7.33Y	122.1	0.00	3.90	1.42	1	9	4	91	0.00	0.0	3.366	0.007	0	0	0	2	
PD.7625	PL.41741	A	fuse6AMP	7.33Y	122.1	0.00	3.90	1.42	24	9	4	91	0.00	0.0	3.366	0.000	0	0	0	2	
PL.41742	PD.7625	A	4ACSR	7.33Y	122.1	0.00	3.91	1.42	1	9	4	91	0.00	0.0	3.441	0.074	0	0	0	2	
067946	PL.41742	A	Consumer	7.33Y	122.1	0.00	3.91	0.97	0	6	3	89	0.00	0.0	3.441	0.000	6	3	1	1	
067906	PL.41742	A	Consumer	7.33Y	122.1	0.00	3.91	0.45	0	3	1	95	0.00	0.0	3.441	0.000	3	1	1	1	
067934	PL.16487	A	Consumer	7.33Y	122.1	0.00	3.90	0.48	0	3	2	83	0.00	0.0	3.359	0.000	3	2	1	1	

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.10617	PL.16487	A	4ACSR	7.32Y	122.1	0.03	3.94	16.05	13	106	51	90	0.03	0.0	3.401	0.042	0	0	0	32
PL.41743	PL.10617	A	4ACSR	7.32Y	122.1	0.00	3.94	0.17	0	1	1	71	0.00	0.0	3.409	0.008	0	0	0	1
PD.7626	PL.41743	A	fuse6AMP	7.32Y	122.1	0.00	3.94	0.17	3	1	1	71	0.00	0.0	3.409	0.000	0	0	0	1
PL.41744	PD.7626	A	4ACSR	7.32Y	122.1	0.00	3.94	0.17	0	1	1	71	0.00	0.0	3.476	0.067	0	0	0	1
PL.4430	PL.41744	A	4ACSR	7.32Y	122.1	0.00	3.94	0.17	0	1	1	71	0.00	0.0	3.537	0.061	0	0	0	1
067905	PL.4430	A	Consumer	7.32Y	122.1	0.00	3.94	0.17	0	1	1	71	0.00	0.0	3.537	0.000	1	1	1	1
PL.10618	PL.10617	A	4ACSR	7.32Y	122.0	0.05	3.98	15.88	13	105	50	90	0.04	0.0	3.463	0.062	0	0	0	31
067912	PL.10618	A	Consumer	7.32Y	122.0	0.00	3.98	0.47	0	3	1	95	0.00	0.0	3.463	0.000	3	1	1	1
PL.8006	PL.10618	A	4ACSR	7.32Y	121.9	0.10	4.08	15.41	13	102	49	90	0.08	0.1	3.603	0.140	0	0	0	30
PL.41745	PL.8006	A	4ACSR	7.31Y	121.9	0.01	4.09	14.36	12	95	45	90	0.01	0.0	3.615	0.012	0	0	0	29
PD.7627-A	PL.41745	A	Closed	7.31Y	121.9	0.00	4.09	14.36	0	95	45	90	0.00	0.0	3.615	0.000	0	0	0	29
PD.7627-B	PD.7627-A	A	Closed	7.31Y	121.9	0.00	4.09	14.36	0	95	45	90	0.00	0.0	3.615	0.000	0	0	0	29
PL.41746	PD.7627-B	A	4ACSR	7.31Y	121.9	0.05	4.14	14.36	12	95	45	90	0.04	0.0	3.691	0.075	0	0	0	29
PL.10619	PL.41746	A	4ACSR	7.31Y	121.8	0.05	4.19	14.23	12	94	45	90	0.04	0.0	3.764	0.073	0	0	0	28
PL.41747	PL.10619	A	4ACSR	7.31Y	121.8	0.00	4.19	14.23	12	94	45	90	0.00	0.0	3.771	0.007	0	0	0	28
PL.44666	PL.41747	A	4ACSR	7.31Y	121.8	0.03	4.23	14.23	12	94	45	90	0.02	0.0	3.821	0.050	0	0	0	28
PL.44667	PL.44666	A	4ACSR	7.31Y	121.8	0.00	4.23	0.98	1	6	3	89	0.00	0.0	3.850	0.029	0	0	0	2
067930	PL.44667	A	Consumer	7.31Y	121.8	0.00	4.23	0.39	0	3	1	95	0.00	0.0	3.850	0.000	3	1	1	1
067956	PL.44667	A	Consumer	7.31Y	121.8	0.00	4.23	0.60	0	4	2	89	0.00	0.0	3.850	0.000	4	2	1	1
PL.4426	PL.44667	A	4ACSR	7.31Y	121.8	0.00	4.23	0.00	0	0	0	100	0.00	0.0	3.885	0.035	0	0	0	0
PL.44693	PL.44666	A	4ACSR	7.30Y	121.7	0.04	4.27	13.24	11	87	42	90	0.03	0.0	3.888	0.067	0	0	0	26
PL.44692	PL.44693	A	2ACSR	7.30Y	121.7	0.00	4.27	0.00	0	0	0	100	0.00	0.0	3.938	0.051	0	0	0	1
0679059	PL.44692	A	Consumer	7.30Y	121.7	0.00	4.27	0.00	0	0	0	100	0.00	0.0	3.938	0.000	0	0	1	1
PL.44694	PL.44693	A	4ACSR	7.30Y	121.6	0.13	4.40	13.24	11	87	42	90	0.09	0.1	4.104	0.217	0	0	0	25
PL.44673	PL.44694	A	4ACSR	7.29Y	121.5	0.13	4.53	12.22	10	80	38	90	0.08	0.1	4.331	0.226	0	0	0	23
PL.44676	PL.44673	A	4ACSR	7.29Y	121.5	0.01	4.54	9.44	8	62	30	90	0.01	0.0	4.365	0.034	0	0	0	18
PL.44679	PL.44676	A	4ACSR	7.29Y	121.4	0.04	4.58	8.72	7	57	27	90	0.02	0.0	4.465	0.101	0	0	0	17
PL.44688	PL.44679	A	4ACSR	7.29Y	121.4	0.00	4.58	0.68	1	4	2	89	0.00	0.0	4.472	0.007	0	0	0	1
PD.8591	PL.44688	A	fuse6AMP	7.29Y	121.4	0.00	4.58	0.68	12	4	2	89	0.00	0.0	4.472	0.000	0	0	0	1
PL.44689	PD.8591	A	4ACSR	7.28Y	121.4	0.00	4.58	0.68	1	4	2	89	0.00	0.0	4.518	0.046	0	0	0	1
0689021	PL.44689	A	Consumer	7.28Y	121.4	0.00	4.58	0.00	0	0	0	100	0.00	0.0	4.518	0.000	0	0	0	0
068914	PL.44689	A	Consumer	7.28Y	121.4	0.00	4.58	0.68	0	4	2	89	0.00	0.0	4.518	0.000	4	2	1	1
PL.44684	PL.44679	A	4ACSR	7.28Y	121.4	0.02	4.60	8.04	7	53	25	90	0.01	0.0	4.514	0.049	0	0	0	16
PL.44685	PL.44684	A	4ACSR	7.28Y	121.4	0.02	4.62	7.17	6	47	23	90	0.01	0.0	4.572	0.058	0	0	0	15
PL.44683	PL.44685	A	4ACSR	7.28Y	121.3	0.05	4.67	6.41	5	42	20	90	0.02	0.0	4.749	0.177	0	0	0	14
PD.2150-A	PL.44683	A	Closed	7.28Y	121.3	0.00	4.67	6.41	0	42	20	90	0.00	0.0	4.749	0.000	0	0	0	14
PD.2150-B	PD.2150-A	A	Closed	7.28Y	121.3	0.00	4.67	6.41	0	42	20	90	0.00	0.0	4.749	0.000	0	0	0	14
PL.18833	PD.2150-B	A	4ACSR	7.28Y	121.3	0.00	4.67	6.41	5	42	20	90	0.00	0.0	4.754	0.005	0	0	0	14

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	% PF	kW Loss	% Loss							
068905	PL.18833	A	Consumer	7.28Y	121.3	0.00	4.67	0.30	0	2	1	89	0.00	0.0	4.754	0.000	2	1	1	1
068909	PL.18833	A	Consumer	7.28Y	121.3	0.00	4.67	0.28	0	2	1	89	0.00	0.0	4.754	0.000	2	1	1	1
PL.7993	PL.18833	A	4ACSR	7.28Y	121.3	0.01	4.69	5.84	5	38	18	90	0.00	0.0	4.808	0.054	0	0	0	12
PL.10623	PL.7993	A	4ACSR	7.28Y	121.3	0.02	4.71	5.83	5	38	18	90	0.01	0.0	4.873	0.064	0	0	0	11
PL.41737	PL.10623	A	4ACSR	7.28Y	121.3	0.00	4.71	0.54	0	4	2	89	0.00	0.0	4.881	0.009	0	0	0	1
PD.7623	PL.41737	A	fuse6AMP	7.28Y	121.3	0.00	4.71	0.54	9	4	2	89	0.00	0.0	4.881	0.000	0	0	0	1
PL.41738	PD.7623	A	4ACSR	7.28Y	121.3	0.00	4.71	0.54	0	4	2	89	0.00	0.0	4.959	0.077	0	0	0	1
068906	PL.41738	A	Consumer	7.28Y	121.3	0.00	4.71	0.54	0	4	2	89	0.00	0.0	4.959	0.000	4	2	1	1
PL.10624	PL.10623	A	4ACSR	7.28Y	121.3	0.01	4.72	4.72	4	31	15	90	0.00	0.0	4.932	0.059	0	0	0	9
068908	PL.10624	A	Consumer	7.28Y	121.3	0.00	4.72	0.93	0	6	3	89	0.00	0.0	4.932	0.000	6	3	1	1
PL.10625	PL.10624	A	4ACSR	7.28Y	121.3	0.01	4.73	3.79	3	25	12	90	0.00	0.0	4.996	0.064	0	0	0	8
PL.27701	PL.10625	A	4ACSR	7.28Y	121.3	0.00	4.73	1.21	1	8	4	89	0.00	0.0	5.023	0.027	0	0	0	2
PD.3164	PL.27701	A	fuse6AMP	7.28Y	121.3	0.00	4.73	1.21	21	8	4	89	0.00	0.0	5.023	0.000	0	0	0	2
PL.27702	PD.3164	A	4ACSR	7.28Y	121.3	0.00	4.73	1.21	1	8	4	89	0.00	0.0	5.065	0.041	0	0	0	2
PL.4030	PL.27702	A	4ACSR	7.28Y	121.3	0.00	4.74	0.70	1	5	2	93	0.00	0.0	5.189	0.125	0	0	0	1
068915	PL.4030	A	Consumer	7.28Y	121.3	0.00	4.74	0.70	0	5	2	93	0.00	0.0	5.189	0.000	5	2	1	1
0689020	PL.4030	A	Consumer	7.28Y	121.3	0.00	4.74	0.00	0	0	0	100	0.00	0.0	5.189	0.000	0	0	0	0
068904	PL.27702	A	Consumer	7.28Y	121.3	0.00	4.73	0.51	0	3	2	83	0.00	0.0	5.065	0.000	3	2	1	1
PL.41739	PL.10625	A	4ACSR	7.28Y	121.3	0.00	4.73	0.03	0	0	0	100	0.00	0.0	5.004	0.008	0	0	0	1
PD.7624	PL.41739	A	fuse6AMP	7.28Y	121.3	0.00	4.73	0.03	0	0	0	100	0.00	0.0	5.004	0.000	0	0	0	1
PL.41740	PD.7624	A	4ACSR	7.28Y	121.3	0.00	4.73	0.03	0	0	0	100	0.00	0.0	5.085	0.082	0	0	0	1
0689017	PL.41740	A	Consumer	7.28Y	121.3	0.00	4.73	0.03	0	0	0	100	0.00	0.0	5.085	0.000	0	0	1	1
068901	PL.41740	A	Consumer	7.28Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	5.085	0.000	0	0	0	0
PL.10626	PL.10625	A	4ACSR	7.28Y	121.3	0.01	4.74	2.55	2	17	8	90	0.00	0.0	5.053	0.057	0	0	0	5
068902	PL.10626	A	Consumer	7.28Y	121.3	0.00	4.74	0.00	0	0	0	100	0.00	0.0	5.053	0.000	0	0	1	1
PL.43730	PL.10626	A	4ACSR	7.28Y	121.3	0.01	4.75	2.55	2	17	8	90	0.00	0.0	5.127	0.074	0	0	0	4
PD.8321	PL.43730	A	fuse6AMP	7.28Y	121.3	0.00	4.75	2.55	44	17	8	90	0.00	0.0	5.127	0.000	0	0	0	4
PL.43731	PD.8321	A	4ACSR	7.27Y	121.2	0.03	4.78	2.55	2	17	8	90	0.00	0.0	5.417	0.290	0	0	0	4
PL.10628	PL.43731	A	4ACSR	7.27Y	121.2	0.01	4.79	1.38	1	9	4	91	0.00	0.0	5.554	0.137	0	0	0	2
PL.7990	PL.10628	A	4ACSR	7.27Y	121.2	0.00	4.79	0.00	0	0	0	100	0.00	0.0	5.614	0.060	0	0	0	0
068911	PL.7990	A	Consumer	7.27Y	121.2	0.00	4.79	0.00	0	0	0	100	0.00	0.0	5.614	0.000	0	0	0	0
068910	PL.7990	A	Consumer	7.27Y	121.2	0.00	4.79	0.00	0	0	0	100	0.00	0.0	5.614	0.000	0	0	0	0
PL.4031	PL.10628	A	4ACSR	7.27Y	121.2	0.00	4.79	0.42	0	3	1	95	0.00	0.0	5.630	0.077	0	0	0	1
069917	PL.4031	A	Consumer	7.27Y	121.2	0.00	4.79	0.42	0	3	1	95	0.00	0.0	5.630	0.000	3	1	1	1
069906	PL.10628	A	Consumer	7.27Y	121.2	0.00	4.79	0.95	0	6	3	89	0.00	0.0	5.554	0.000	6	3	1	1
PL.4422	PL.43731	A	4ACSR	7.27Y	121.2	0.00	4.78	0.96	1	6	3	89	0.00	0.0	5.435	0.019	0	0	0	1
PL.4038	PL.4422	A	4ACSR	7.27Y	121.2	0.00	4.78	0.96	1	6	3	89	0.00	0.0	5.487	0.052	0	0	0	1
069918	PL.4038	A	Consumer	7.27Y	121.2	0.00	4.78	0.96	0	6	3	89	0.00	0.0	5.487	0.000	6	3	1	1

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
069902	PL.43731	A	Consumer	7.27Y	121.2	0.00	4.78	0.21	0	1	1	71	0.00	0.0	5.417	0.000	1	1	1	1
068903	PL.10623	A	Consumer	7.28Y	121.3	0.00	4.71	0.57	0	4	2	89	0.00	0.0	4.873	0.000	4	2	1	1
068907	PL.7993	A	Consumer	7.28Y	121.3	0.00	4.69	0.01	0	0	0	100	0.00	0.0	4.808	0.000	0	0	1	1
PL.44690	PL.44685	A	4ACSR	7.28Y	121.4	0.00	4.62	0.76	1	5	2	93	0.00	0.0	4.579	0.007	0	0	0	1
PD.8592	PL.44690	A	fuse6AMP	7.28Y	121.4	0.00	4.62	0.76	13	5	2	93	0.00	0.0	4.579	0.000	0	0	0	1
PL.44691	PD.8592	A	4ACSR	7.28Y	121.4	0.00	4.62	0.76	1	5	2	93	0.00	0.0	4.624	0.045	0	0	0	1
0689018	PL.44691	A	Consumer	7.28Y	121.4	0.00	4.62	0.76	0	5	2	93	0.00	0.0	4.624	0.000	5	2	1	1
068912	PL.44684	A	Consumer	7.28Y	121.4	0.00	4.60	0.87	0	6	3	89	0.00	0.0	4.514	0.000	6	3	1	1
PL.44686	PL.44676	A	4ACSR	7.29Y	121.5	0.00	4.54	0.72	1	5	2	93	0.00	0.0	4.371	0.007	0	0	0	1
PD.8590	PL.44686	A	fuse6AMP	7.29Y	121.5	0.00	4.54	0.72	12	5	2	93	0.00	0.0	4.371	0.000	0	0	0	1
PL.44687	PD.8590	A	4ACSR	7.29Y	121.5	0.00	4.54	0.72	1	5	2	93	0.00	0.0	4.395	0.024	0	0	0	1
068916	PL.44687	A	Consumer	7.29Y	121.5	0.00	4.54	0.72	0	5	2	93	0.00	0.0	4.395	0.000	5	2	1	1
PL.45356	PL.44673	A	4ACSR	7.29Y	121.5	0.02	4.55	2.78	2	18	9	89	0.00	0.0	4.485	0.154	0	0	0	5
PL.45358	PL.45356	A	4ACSR	7.29Y	121.4	0.01	4.55	1.78	1	12	6	89	0.00	0.0	4.552	0.067	0	0	0	3
PL.45568	PL.45358	A	4ACSR	7.29Y	121.4	0.01	4.57	1.31	1	9	4	91	0.00	0.0	4.795	0.244	0	0	0	2
0182032	PL.45568	A	Consumer	7.29Y	121.4	0.00	4.57	0.00	0	0	0	100	0.00	0.0	4.795	0.000	0	0	0	0
PL.45569	PL.45568	A	4ACSR	7.29Y	121.4	0.00	4.57	1.31	1	9	4	91	0.00	0.0	4.848	0.053	0	0	0	2
018225	PL.45569	A	Consumer	7.29Y	121.4	0.00	4.57	1.12	0	7	4	87	0.00	0.0	4.848	0.000	7	4	1	1
018226	PL.45569	A	Consumer	7.29Y	121.4	0.00	4.57	0.19	0	1	1	71	0.00	0.0	4.848	0.000	1	1	1	1
PL.16685	PL.45569	A	4ACSR	7.29Y	121.4	0.00	4.57	0.00	0	0	0	100	0.00	0.0	5.645	0.797	0	0	0	0
PD.153-B	PL.16685	A	Open	7.29Y	121.4	0.00	4.57	0.00	0	0	0	100	0.00	0.0	5.645	0.000	0	0	0	0
067923	PL.45358	A	Consumer	7.29Y	121.4	0.00	4.55	0.47	0	3	1	95	0.00	0.0	4.552	0.000	3	1	1	1
PL.45360	PL.45356	A	4ACSR	7.29Y	121.5	0.00	4.55	1.00	1	7	3	92	0.00	0.0	4.520	0.035	0	0	0	2
067924	PL.45360	A	Consumer	7.29Y	121.5	0.00	4.55	1.00	0	7	3	92	0.00	0.0	4.520	0.000	7	3	1	1
PL.45361	PL.45360	A	4ACSR	7.29Y	121.5	0.00	4.55	0.00	0	0	0	100	0.00	0.0	4.581	0.061	0	0	0	1
0689019	PL.45361	A	Consumer	7.29Y	121.5	0.00	4.55	0.00	0	0	0	100	0.00	0.0	4.581	0.000	0	0	1	1
PL.44668	PL.44694	A	4ACSR	7.30Y	121.6	0.00	4.40	0.37	0	2	1	89	0.00	0.0	4.150	0.046	0	0	0	1
067928	PL.44668	A	Consumer	7.30Y	121.6	0.00	4.40	0.37	0	2	1	89	0.00	0.0	4.150	0.000	2	1	1	1
PL.44671	PL.44694	A	4ACSR	7.30Y	121.6	0.00	4.40	0.66	1	4	2	89	0.00	0.0	4.162	0.057	0	0	0	1
067958	PL.44671	A	Consumer	7.30Y	121.6	0.00	4.40	0.66	0	4	2	89	0.00	0.0	4.162	0.000	4	2	1	1
067935	PL.41746	A	Consumer	7.31Y	121.9	0.00	4.14	0.14	0	1	0	100	0.00	0.0	3.691	0.000	1	0	1	1
067914	PL.8006	A	Consumer	7.32Y	121.9	0.00	4.08	1.05	0	7	3	92	0.00	0.0	3.603	0.000	7	3	1	1
067938	PL.10615	A	Consumer	7.33Y	122.2	0.00	3.76	0.00	0	0	0	100	0.00	0.0	3.188	0.000	0	0	1	1
067908	PL.41307	A	Consumer	7.34Y	122.3	0.00	3.65	0.00	0	0	0	100	0.00	0.0	3.070	0.000	0	0	1	1
PL.10629	PL.16483	A	4ACSR	7.34Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	3.141	0.144	0	0	0	0
PL.4392	PL.10629	A	4ACSR	7.34Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	3.355	0.214	0	0	0	0
PL.41268	PL.10629	A	4ACSR	7.34Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	3.193	0.052	0	0	0	0
PD.2143-A	PL.41268	A	Open	7.34Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	3.193	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.4021	PL.16483	A	4ACSR	7.34Y	122.4	0.00	3.59	0.53	0	4	2	89	0.00	0.0	3.172	0.175	0	0	0	1
067915	PL.4021	A	Consumer	7.34Y	122.4	0.00	3.59	0.53	0	4	2	89	0.00	0.0	3.172	0.000	4	2	1	1
PL.41278	PL.41277	A	4ACSR	7.36Y	122.6	0.00	3.40	0.74	1	5	2	93	0.00	0.0	2.812	0.004	0	0	0	1
PD.7389	PL.41278	A	fuse6AMP	7.36Y	122.6	0.00	3.40	0.74	13	5	2	93	0.00	0.0	2.812	0.000	0	0	0	1
PL.41279	PD.7389	A	4ACSR	7.36Y	122.6	0.00	3.41	0.74	1	5	2	93	0.00	0.0	2.877	0.065	0	0	0	1
067948	PL.41279	A	Consumer	7.36Y	122.6	0.00	3.41	0.74	0	5	2	93	0.00	0.0	2.877	0.000	5	2	1	1
067929	PL.16489	A	Consumer	7.37Y	122.8	0.00	3.23	0.04	0	0	0	100	0.00	0.0	2.636	0.000	0	0	1	1
067904	PL.8005	A	Consumer	7.37Y	122.9	0.00	3.13	0.00	0	0	0	100	0.00	0.0	2.526	0.000	0	0	0	0
PL.16495	PL.11034	A	4ACSR	7.41Y	123.4	0.00	2.55	0.00	0	0	0	100	0.00	0.0	2.120	0.024	0	0	0	0
PD.3161	PL.16495	A	fuse6AMP	7.41Y	123.4	0.00	2.55	0.00	0	0	0	100	0.00	0.0	2.120	0.000	0	0	0	0
PL.16496	PD.3161	A	4ACSR	7.41Y	123.4	0.00	2.55	0.00	0	0	0	100	0.00	0.0	2.555	0.435	0	0	0	0
PL.8009	PL.16496	A	4ACSR	7.41Y	123.4	0.00	2.55	0.00	0	0	0	100	0.00	0.0	2.571	0.017	0	0	0	0
PL.4362	PL.8009	A	4ACSR	7.41Y	123.4	0.00	2.55	0.00	0	0	0	100	0.00	0.0	2.612	0.041	0	0	0	0
PL.4364	PL.4362	A	4ACSR	7.41Y	123.4	0.00	2.55	0.00	0	0	0	100	0.00	0.0	2.651	0.039	0	0	0	0
066808	PL.4364	A	Consumer	7.41Y	123.4	0.00	2.55	0.00	0	0	0	100	0.00	0.0	2.651	0.000	0	0	0	0
067805	PL.16496	A	Consumer	7.41Y	123.4	0.00	2.55	0.00	0	0	0	100	0.00	0.0	2.555	0.000	0	0	0	0
067827	PL.16098	B	Consumer	7.51Y	125.1	0.00	0.90	0.04	0	0	0	100	0.00	0.0	1.681	0.000	0	0	1	1
PL.16099	PL.11028	A	4ACSR	7.47Y	124.5	0.00	1.47	9.24	8	62	30	90	0.00	0.0	1.163	0.010	0	0	0	12
C PD.3157	PL.16099	A	fuse6AMP	7.47Y	124.5	0.00	1.47	9.24	158	62	30	90	0.00	0.0	1.163	0.000	0	0	0	12 C
PL.16100	PD.3157	A	4ACSR	7.47Y	124.5	0.02	1.48	9.24	8	62	30	90	0.01	0.0	1.202	0.040	0	0	0	12
PL.11031	PL.16100	A	4ACSR	7.47Y	124.5	0.00	1.49	1.31	1	9	4	91	0.00	0.0	1.268	0.065	0	0	0	1
PL.4419	PL.11031	A	4ACSR	7.47Y	124.5	0.00	1.49	1.31	1	9	4	91	0.00	0.0	1.302	0.034	0	0	0	1
067708	PL.4419	A	Consumer	7.47Y	124.5	0.00	1.49	1.31	0	9	4	91	0.00	0.0	1.302	0.000	9	4	1	1
PL.11029	PL.16100	A	4ACSR	7.47Y	124.5	0.02	1.51	7.93	7	54	25	91	0.01	0.0	1.259	0.057	0	0	0	11
PL.4036	PL.11029	A	4ACSR	7.47Y	124.5	0.00	1.51	1.49	1	10	5	89	0.00	0.0	1.311	0.052	0	0	0	2
0678034	PL.4036	A	Consumer	7.47Y	124.5	0.00	1.51	1.00	0	7	3	92	0.00	0.0	1.311	0.000	7	3	1	1
067831	PL.4036	A	Consumer	7.47Y	124.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	1.311	0.000	0	0	0	0
067822	PL.4036	A	Consumer	7.47Y	124.5	0.00	1.51	0.50	0	3	2	83	0.00	0.0	1.311	0.000	3	2	1	1
PL.11030	PL.11029	A	4ACSR	7.47Y	124.4	0.05	1.56	6.44	5	43	21	90	0.02	0.0	1.427	0.167	0	0	0	9
PL.3902	PL.11030	A	4ACSR	7.46Y	124.4	0.08	1.64	6.44	5	43	21	90	0.03	0.1	1.709	0.282	0	0	0	9
PL.24381	PL.3902	A	4ACSR	7.46Y	124.3	0.02	1.66	2.12	2	14	7	89	0.00	0.0	1.927	0.219	0	0	0	2
067705	PL.24381	A	Consumer	7.46Y	124.3	0.00	1.66	0.71	0	5	2	93	0.00	0.0	1.927	0.000	5	2	1	1
PL.33883	PL.24381	A	1/0EPRJCN	7.46Y	124.3	0.00	1.66	1.42	1	10	4	93	0.00	0.0	1.958	0.031	0	0	0	1
0677016	PL.33883	A	Consumer	7.46Y	124.3	0.00	1.66	1.43	0	10	5	89	0.00	0.0	1.958	0.000	10	5	1	1
PL.44176	PL.3902	A	4ACSR	7.46Y	124.3	0.01	1.65	1.96	2	13	6	91	0.00	0.0	1.853	0.144	0	0	0	4
PL.44179	PL.44176	A	4ACSR	7.46Y	124.3	0.00	1.66	1.96	2	13	6	91	0.00	0.0	1.895	0.042	0	0	0	4
PL.44180	PL.44179	A	4ACSR	7.46Y	124.3	0.01	1.66	1.96	2	13	6	91	0.00	0.0	1.979	0.084	0	0	0	4
067711	PL.44180	A	Consumer	7.46Y	124.3	0.00	1.66	0.84	0	6	3	89	0.00	0.0	1.979	0.000	6	3	1	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
067713	PL.44180	A	Consumer	7.46Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	1.979	0.000	0	0	1	1
067706	PL.44180	A	Consumer	7.46Y	124.3	0.00	1.66	1.10	0	7	4	87	0.00	0.0	1.979	0.000	7	4	1	1
067712	PL.44180	A	Consumer	7.46Y	124.3	0.00	1.66	0.01	0	0	0	100	0.00	0.0	1.979	0.000	0	0	1	1
PL.44178	PL.44179	A	2ACSR	7.46Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	2.381	0.486	0	0	0	0
0667022	PL.44178	A	Consumer	7.46Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	2.381	0.000	0	0	0	0
PL.11032	PL.3902	A	4ACSR	7.46Y	124.4	0.01	1.65	2.36	2	16	8	89	0.00	0.0	1.786	0.077	0	0	0	3
PL.24380	PL.11032	A	4ACSR	7.46Y	124.4	0.00	1.65	0.68	1	5	2	93	0.00	0.0	1.827	0.041	0	0	0	1
067714	PL.24380	A	Consumer	7.46Y	124.4	0.00	1.65	0.68	0	5	2	93	0.00	0.0	1.827	0.000	5	2	1	1
PL.11033	PL.11032	A	4ACSR	7.46Y	124.3	0.00	1.65	1.68	1	11	5	91	0.00	0.0	1.843	0.056	0	0	0	2
PL.3896	PL.11033	A	4ACSR	7.46Y	124.3	0.00	1.66	0.71	1	5	2	93	0.00	0.0	1.974	0.132	0	0	0	1
067715	PL.3896	A	Consumer	7.46Y	124.3	0.00	1.66	0.71	0	5	2	93	0.00	0.0	1.974	0.000	5	2	1	1
067707	PL.11033	A	Consumer	7.46Y	124.3	0.00	1.65	0.97	0	6	3	89	0.00	0.0	1.843	0.000	6	3	1	1
PL.16101	PL.16497	A	1/0ACSR	7.48Y	124.6	0.00	1.37	8.47	4	57	28	90	0.00	0.0	1.078	0.008	0	0	0	6
		B		7.53Y	125.5	-0.00	0.54	0.00	0	0	0	100					0	0	0	0
		C		7.54Y	125.7	0.00	0.34	18.26	9	124	59	90					0	0	0	30
PD.2152-A	PL.16101	A	Closed	7.48Y	124.6	0.00	1.37	8.47	0	57	28	90	0.00	0.0	1.078	0.000	0	0	0	6
		B		7.53Y	125.5	0.00	0.54	0.00	0	0	0	100					0	0	0	0
		C		7.54Y	125.7	0.00	0.34	18.26	0	124	59	90					0	0	0	30
PD.2152-B	PD.2152-A	A	Closed	7.48Y	124.6	0.00	1.37	8.47	0	57	28	90	0.00	0.0	1.078	0.000	0	0	0	6
		B		7.53Y	125.5	0.00	0.54	0.00	0	0	0	100					0	0	0	0
		C		7.54Y	125.7	0.00	0.34	18.26	0	124	59	90					0	0	0	30
PL.16102	PD.2152-B	A	1/0ACSR	7.48Y	124.6	0.00	1.37	8.47	4	57	28	90	0.02	0.0	1.123	0.045	0	0	0	6
		B		7.53Y	125.5	-0.00	0.54	0.00	0	0	0	100					0	0	0	0
		C		7.54Y	125.6	0.02	0.36	18.26	9	124	59	90					0	0	0	30
PL.19919	PL.16102	C	4ACSR	7.54Y	125.6	0.01	0.37	15.57	13	106	50	90	0.00	0.0	1.131	0.008	0	0	0	29
PD.2149-A	PL.19919	C	Closed	7.54Y	125.6	0.00	0.37	15.57	0	106	50	90	0.00	0.0	1.131	0.000	0	0	0	29
PD.2149-B	PD.2149-A	C	Closed	7.54Y	125.6	0.00	0.37	15.57	0	106	50	90	0.00	0.0	1.131	0.000	0	0	0	29
PL.19920	PD.2149-B	C	4ACSR	7.54Y	125.6	0.03	0.39	15.57	13	106	50	90	0.02	0.0	1.168	0.037	0	0	0	29
PL.10900	PL.19920	C	4ACSR	7.53Y	125.5	0.11	0.51	15.23	13	104	49	90	0.09	0.1	1.326	0.159	0	0	0	28
PL.10901	PL.10900	C	4ACSR	7.53Y	125.5	0.04	0.55	13.35	11	91	43	90	0.03	0.0	1.397	0.071	0	0	0	25
PL.19135	PL.10901	C	4ACSR	7.53Y	125.4	0.03	0.58	12.25	10	83	39	91	0.02	0.0	1.451	0.053	0	0	0	23
0688054	PL.19135	C	Consumer	7.53Y	125.4	0.00	0.58	0.00	0	0	0	100	0.00	0.0	1.451	0.000	0	0	0	0
068840	PL.19135	C	Consumer	7.53Y	125.4	0.00	0.58	0.34	0	2	1	89	0.00	0.0	1.451	0.000	2	1	1	1
068823	PL.19135	C	Consumer	7.53Y	125.4	0.00	0.58	1.15	0	8	4	89	0.00	0.0	1.451	0.000	8	4	1	1
PL.19136	PL.19135	C	4ACSR	7.52Y	125.3	0.07	0.65	10.76	9	73	34	91	0.04	0.1	1.598	0.148	0	0	0	21
068843	PL.19136	C	Consumer	7.52Y	125.3	0.00	0.65	0.05	0	0	0	100	0.00	0.0	1.598	0.000	0	0	1	1
0688051	PL.19136	C	Consumer	7.52Y	125.3	0.00	0.65	0.97	0	7	3	92	0.00	0.0	1.598	0.000	7	3	1	1
068805	PL.19136	C	Consumer	7.52Y	125.3	0.00	0.65	0.80	0	5	3	86	0.00	0.0	1.598	0.000	5	3	1	1
PL.10902	PL.19136	C	4ACSR	7.52Y	125.3	0.03	0.68	8.93	8	61	28	91	0.01	0.0	1.675	0.077	0	0	0	18
PL.4027	PL.10902	C	4ACSR	7.52Y	125.3	0.00	0.69	0.48	0	3	2	83	0.00	0.0	1.800	0.126	0	0	0	1
068845	PL.4027	C	Consumer	7.52Y	125.3	0.00	0.69	0.48	0	3	2	83	0.00	0.0	1.800	0.000	3	2	1	1
068841	PL.10902	C	Consumer	7.52Y	125.3	0.00	0.68	1.08	0	7	4	87	0.00	0.0	1.675	0.000	7	4	1	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.10903	PL.10902	C	4ACSR	7.52Y	125.3	0.02	0.70	7.37	6	50	23	91	0.01	0.0	1.722	0.047	0	0	0	16
PL.4014	PL.10903	C	4ACSR	7.52Y	125.3	0.00	0.70	0.33	0	2	1	89	0.00	0.0	1.781	0.059	0	0	0	2
068838	PL.4014	C	Consumer	7.52Y	125.3	0.00	0.70	0.33	0	2	1	89	0.00	0.0	1.781	0.000	2	1	1	1
068834	PL.4014	C	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	1.781	0.000	0	0	1	1
PL.10904	PL.10903	C	4ACSR	7.52Y	125.3	0.02	0.72	3.84	3	26	12	91	0.00	0.0	1.809	0.087	0	0	0	9
PL.10905	PL.10904	C	4ACSR	7.52Y	125.3	0.01	0.73	3.00	3	20	10	89	0.00	0.0	1.889	0.081	0	0	0	8
PL.7996	PL.10905	C	4ACSR	7.52Y	125.3	0.01	0.73	2.05	2	14	7	89	0.00	0.0	1.969	0.080	0	0	0	6
PL.35022	PL.7996	C	4ACSR	7.52Y	125.3	0.01	0.74	1.93	2	13	6	91	0.00	0.0	2.029	0.060	0	0	0	5
PD.5181	PL.35022	C	fuse6AMP	7.52Y	125.3	0.00	0.74	1.93	33	13	6	91	0.00	0.0	2.029	0.000	0	0	0	5
PL.35023	PD.5181	C	4ACSR	7.52Y	125.3	0.01	0.75	1.93	2	13	6	91	0.00	0.0	2.110	0.081	0	0	0	5
PL.4018	PL.35023	C	4ACSR	7.52Y	125.3	0.00	0.75	0.65	1	4	2	89	0.00	0.0	2.171	0.061	0	0	0	2
067823	PL.4018	C	Consumer	7.52Y	125.3	0.00	0.75	0.62	0	4	2	89	0.00	0.0	2.171	0.000	4	2	1	1
067825	PL.4018	C	Consumer	7.52Y	125.3	0.00	0.75	0.03	0	0	0	100	0.00	0.0	2.171	0.000	0	0	1	1
PL.8003	PL.35023	C	4ACSR	7.51Y	125.2	0.00	0.75	0.90	1	6	3	89	0.00	0.0	2.186	0.076	0	0	0	2
067810	PL.8003	C	Consumer	7.51Y	125.2	0.00	0.75	0.60	0	4	2	89	0.00	0.0	2.186	0.000	4	2	1	1
PL.33884	PL.8003	C	2ACSR	7.51Y	125.2	0.00	0.75	0.30	0	2	1	89	0.00	0.0	2.258	0.072	0	0	0	1
0678033	PL.33884	C	Consumer	7.51Y	125.2	0.00	0.75	0.30	0	2	1	89	0.00	0.0	2.258	0.000	2	1	1	1
067807	PL.35023	C	Consumer	7.52Y	125.3	0.00	0.75	0.38	0	3	1	95	0.00	0.0	2.110	0.000	3	1	1	1
068821	PL.7996	C	Consumer	7.52Y	125.3	0.00	0.73	0.13	0	1	0	100	0.00	0.0	1.969	0.000	1	0	1	1
068833	PL.10905	C	Consumer	7.52Y	125.3	0.00	0.73	0.10	0	1	0	100	0.00	0.0	1.889	0.000	1	0	1	1
068807	PL.10905	C	Consumer	7.52Y	125.3	0.00	0.73	0.85	0	6	3	89	0.00	0.0	1.889	0.000	6	3	1	1
PL.4015	PL.10904	C	4ACSR	7.52Y	125.3	0.00	0.72	0.84	1	6	3	89	0.00	0.0	1.859	0.051	0	0	0	1
068808	PL.4015	C	Consumer	7.52Y	125.3	0.00	0.72	0.84	0	6	3	89	0.00	0.0	1.859	0.000	6	3	1	1
PL.10906	PL.10903	C	4ACSR	7.52Y	125.3	0.02	0.72	3.19	3	22	10	91	0.00	0.0	1.865	0.143	0	0	0	4
PL.10907	PL.10906	C	4ACSR	7.52Y	125.3	0.01	0.73	2.41	2	17	7	92	0.00	0.0	1.951	0.086	0	0	0	3
PL.4024	PL.10907	C	4ACSR	7.52Y	125.3	0.01	0.74	1.88	2	13	6	91	0.00	0.0	2.011	0.061	0	0	0	2
PL.35025	PL.4024	C	2ACSR	7.52Y	125.3	0.00	0.74	1.05	1	7	3	92	0.00	0.0	2.130	0.119	0	0	0	1
PD.5182	PL.35025	C	fuse6AMP	7.52Y	125.3	0.00	0.74	1.05	18	7	3	92	0.00	0.0	2.130	0.000	0	0	0	1
PL.35026	PD.5182	C	1/0EPRJCN	7.52Y	125.3	0.00	0.74	1.05	1	7	3	92	0.00	0.0	2.263	0.133	0	0	0	1
0688050	PL.35026	C	Consumer	7.52Y	125.3	0.00	0.74	1.09	0	7	4	87	0.00	0.0	2.263	0.000	7	4	1	1
068842	PL.4024	C	Consumer	7.52Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	2.011	0.000	0	0	0	0
068844	PL.4024	C	Consumer	7.52Y	125.3	0.00	0.74	0.83	0	6	3	89	0.00	0.0	2.011	0.000	6	3	1	1
PL.10908	PL.10907	C	4ACSR	7.52Y	125.3	0.00	0.73	0.53	0	4	2	89	0.00	0.0	2.035	0.085	0	0	0	1
0688053	PL.10908	C	Consumer	7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	2.035	0.000	0	0	0	0
068817	PL.10908	C	Consumer	7.52Y	125.3	0.00	0.73	0.53	0	4	2	89	0.00	0.0	2.035	0.000	4	2	1	1
PL.4012	PL.10906	C	4ACSR	7.52Y	125.3	0.00	0.72	0.78	1	5	3	86	0.00	0.0	1.933	0.068	0	0	0	1
068836	PL.4012	C	Consumer	7.52Y	125.3	0.00	0.72	0.78	0	5	3	86	0.00	0.0	1.933	0.000	5	3	1	1
068826	PL.10903	C	Consumer	7.52Y	125.3	0.00	0.70	0.01	0	0	0	100	0.00	0.0	1.722	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
068813	PL.10901	C	Consumer	7.53Y	125.5	0.00	0.55	0.75	0	5	2	93	0.00	0.0	1.397	0.000	5	2	1	1
067812	PL.10901	C	Consumer	7.53Y	125.5	0.00	0.55	0.35	0	2	1	89	0.00	0.0	1.397	0.000	2	1	1	1
PL.7998	PL.10900	C	4ACSR	7.53Y	125.5	0.00	0.51	1.88	2	13	6	91	0.00	0.0	1.346	0.019	0	0	0	3
067811	PL.7998	C	Consumer	7.53Y	125.5	0.00	0.51	0.52	0	4	2	89	0.00	0.0	1.346	0.000	4	2	1	1
PL.7999	PL.7998	C	4ACSR	7.53Y	125.5	0.00	0.51	1.36	1	9	4	91	0.00	0.0	1.373	0.028	0	0	0	2
PL.8000	PL.7999	C	4ACSR	7.53Y	125.5	0.00	0.51	0.64	1	4	2	89	0.00	0.0	1.435	0.062	0	0	0	1
067815	PL.8000	C	Consumer	7.53Y	125.5	0.00	0.51	0.64	0	4	2	89	0.00	0.0	1.435	0.000	4	2	1	1
067813	PL.8000	C	Consumer	7.53Y	125.5	0.00	0.51	0.00	0	0	0	100	0.00	0.0	1.435	0.000	0	0	0	0
PL.8001	PL.8000	C	4ACSR	7.53Y	125.5	0.00	0.51	0.00	0	0	0	100	0.00	0.0	1.479	0.043	0	0	0	0
067816	PL.7999	C	Consumer	7.53Y	125.5	0.00	0.51	0.72	0	5	2	93	0.00	0.0	1.373	0.000	5	2	1	1
PL.4017	PL.19920	C	4ACSR	7.54Y	125.6	0.00	0.39	0.34	0	2	1	89	0.00	0.0	1.209	0.042	0	0	0	1
067821	PL.4017	C	Consumer	7.54Y	125.6	0.00	0.39	0.34	0	2	1	89	0.00	0.0	1.209	0.000	2	1	1	1
PL.4023	PL.16102	A C	4ACSR	7.48Y 7.54Y	124.6 125.6	0.03 0.01	1.40 0.37	8.47 2.70	7 2	57 18	28 9	90 90	0.01 0.0	0.0	1.192	0.069	0 0	0 0	0 0	6 1
068804	PL.4023	A	Consumer	7.48Y	124.6	0.00	1.40	0.31	0	2	1	89	0.00	0.0	1.192	0.000	2	1	1	1
068802	PL.4023	A C	Consumer	7.48Y 7.54Y	124.6 125.6	0.00 0.00	1.40 0.37	2.72 2.70	0 0	18 18	9 9	89 90	0.00 0.0	0.0	1.192	0.000	18 18	9 9	1 1	1 1
PL.16501	PL.4023	A	4ACSR	7.48Y	124.6	0.00	1.40	0.76	1	5	2	93	0.00	0.0	1.202	0.010	0	0	0	2
PD.3160	PL.16501	A	fuse6AMP	7.48Y	124.6	0.00	1.40	0.76	13	5	2	93	0.00	0.0	1.202	0.000	0	0	0	2
PL.16502	PD.3160	A	4ACSR	7.48Y	124.6	0.00	1.40	0.76	1	5	2	93	0.00	0.0	1.225	0.023	0	0	0	2
PL.7994	PL.16502	A	4ACSR	7.48Y	124.6	0.00	1.40	0.76	1	5	2	93	0.00	0.0	1.297	0.072	0	0	0	2
068801	PL.7994	A	Consumer	7.48Y	124.6	0.00	1.40	0.20	0	1	1	71	0.00	0.0	1.297	0.000	1	1	1	1
PL.7995	PL.7994	A	4ACSR	7.48Y	124.6	0.00	1.40	0.57	0	4	2	89	0.00	0.0	1.333	0.036	0	0	0	1
PL.4013	PL.7995	A	4ACSR	7.48Y	124.6	0.00	1.40	0.57	0	4	2	89	0.00	0.0	1.402	0.070	0	0	0	1
068818	PL.4013	A	Consumer	7.48Y	124.6	0.00	1.40	0.57	0	4	2	89	0.00	0.0	1.402	0.000	4	2	1	1
PL.4016	PL.4023	A	4ACSR	7.48Y	124.6	0.02	1.42	4.69	4	32	15	91	0.00	0.0	1.281	0.090	0	0	0	2
068812	PL.4016	A	Consumer	7.48Y	124.6	0.00	1.42	0.94	0	6	3	89	0.00	0.0	1.281	0.000	6	3	1	1
068811	PL.4016	A	Consumer	7.48Y	124.6	0.00	1.42	3.75	0	25	12	90	0.00	0.0	1.281	0.000	25	12	1	1
067801	PL.18941	A	Consumer	7.48Y	124.7	0.00	1.32	0.20	0	1	1	71	0.00	0.0	1.034	0.000	1	1	1	1
067820	PL.7997	B	Consumer	7.53Y	125.5	0.00	0.50	0.65	0	4	2	89	0.00	0.0	0.985	0.000	4	2	1	1
PL.16499	PL.7997	A	4ACSR	7.48Y	124.7	0.00	1.26	2.22	2	15	7	91	0.00	0.0	0.991	0.006	0	0	0	2
PD.3158	PL.16499	A	fuse6AMP	7.48Y	124.7	0.00	1.26	2.22	38	15	7	91	0.00	0.0	0.991	0.000	0	0	0	2
PL.16500	PD.3158	A	4ACSR	7.48Y	124.7	0.00	1.27	2.22	2	15	7	91	0.00	0.0	1.032	0.040	0	0	0	2
0688052	PL.16500	A	Consumer	7.48Y	124.7	0.00	1.27	1.51	0	10	5	89	0.00	0.0	1.032	0.000	10	5	1	1
068819	PL.16500	A	Consumer	7.48Y	124.7	0.00	1.27	0.71	0	5	2	93	0.00	0.0	1.032	0.000	5	2	1	1
068759	PL.33886	C	Consumer	7.54Y	125.7	0.00	0.26	1.19	0	8	4	89	0.00	0.0	0.794	0.000	8	4	1	1
068760	PL.33886	C	Consumer	7.54Y	125.7	0.00	0.26	0.60	0	4	2	89	0.00	0.0	0.794	0.000	4	2	1	1
068742	PL.10897	B	Consumer	7.54Y	125.7	0.00	0.32	1.59	0	11	5	91	0.00	0.0	0.599	0.000	11	5	1	1
PL.27878	PL.10896	A	4ACSR	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	0.491	0.006	0	0	0	1

Unbalanced Voltage Drop Report
Source: TRAPP

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			
PD.3126	PL.27878	A	fuse6AMP	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	0.491	0.000	0	0	0	1	
PL.27879	PD.3126	A	4ACSR	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	0.544	0.053	0	0	0	1	
068745	PL.27879	A	Consumer	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	0.544	0.000	0	0	1	1	
PL.3899	PL.10895	B	4ACSR	7.55Y	125.8	0.00	0.19	0.78	1	5	3	86	0.00	0.0	0.417	0.070	0	0	0	1	
PL.45836	PL.3899	B	2ACSR	7.55Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.451	0.034	0	0	0	0	
0687070	PL.45836	B	Consumer	7.55Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.451	0.000	0	0	0	0	
068763	PL.3899	B	Consumer	7.55Y	125.8	0.00	0.19	0.78	0	5	3	86	0.00	0.0	0.417	0.000	5	3	1	1	
PL.27779	PL.43499	C	4ACSR	7.55Y	125.9	0.00	0.09	1.14	1	8	4	89	0.00	0.0	0.268	0.015	0	0	0	1	
PD.3141	PL.27779	C	fuse6AMP	7.55Y	125.9	0.00	0.09	1.14	19	8	4	89	0.00	0.0	0.268	0.000	0	0	0	1	
PL.27780	PD.3141	C	4ACSR	7.55Y	125.9	0.01	0.10	1.14	1	8	4	89	0.00	0.0	0.395	0.127	0	0	0	1	
068731	PL.27780	C	Consumer	7.55Y	125.9	0.00	0.10	1.14	0	8	4	89	0.00	0.0	0.395	0.000	8	4	1	1	
PL.26865	PL.32933	A	4ACSR	7.56Y	126.0	0.00	0.04	4.62	4	31	15	90	0.00	0.0	0.034	0.004	0	0	0	6	
PD.3128	PL.26865	A	fuse6AMP	7.56Y	126.0	0.00	0.04	4.62	79	31	15	90	0.00	0.0	0.034	0.000	0	0	0	6	
PL.26866	PD.3128	A	4ACSR	7.56Y	125.9	0.02	0.06	4.62	4	31	15	90	0.00	0.0	0.132	0.097	0	0	0	6	
068706	PL.26866	A	Consumer	7.56Y	125.9	0.00	0.06	0.99	0	7	3	92	0.00	0.0	0.132	0.000	7	3	1	1	
068723	PL.26866	A	Consumer	7.56Y	125.9	0.00	0.06	0.47	0	3	2	83	0.00	0.0	0.132	0.000	3	2	1	1	
068718	PL.26866	A	Consumer	7.56Y	125.9	0.00	0.06	0.93	0	6	3	89	0.00	0.0	0.132	0.000	6	3	1	1	
PL.43988	PL.26866	A	4ACSR	7.56Y	125.9	0.00	0.07	2.22	2	15	7	91	0.00	0.0	0.159	0.027	0	0	0	3	
PL.43987	PL.43988	A	4ACSR	7.56Y	125.9	0.00	0.07	0.01	0	0	0	100	0.00	0.0	0.272	0.113	0	0	0	1	
0687069	PL.43987	A	Consumer	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	0.272	0.000	0	0	0	0	
PL.43964	PL.43987	A	2ACSR	7.56Y	125.9	0.00	0.07	0.01	0	0	0	100	0.00	0.0	0.338	0.066	0	0	0	1	
0687068	PL.43964	A	Consumer	7.56Y	125.9	0.00	0.07	0.01	0	0	0	100	0.00	0.0	0.338	0.000	0	0	1	1	
PL.43989	PL.43988	A	4ACSR	7.56Y	125.9	0.00	0.07	2.21	2	15	7	91	0.00	0.0	0.204	0.045	0	0	0	2	
068722	PL.43989	A	Consumer	7.56Y	125.9	0.00	0.07	1.26	0	9	4	91	0.00	0.0	0.204	0.000	9	4	1	1	
068727	PL.43989	A	Consumer	7.56Y	125.9	0.00	0.07	0.95	0	6	3	89	0.00	0.0	0.204	0.000	6	3	1	1	
PL.28924	TRAPP	A	336ACSR	7.56Y	126.0	0.00	0.00	58.67	13	418	150	94	0.02	0.0	0.005	0.005	0	0	0	99	
		B		7.56Y	126.0	0.00	0.00	61.15	14	436	154	94					0	0	0	131	
		C		7.56Y	126.0	0.00	0.00	88.29	20	620	248	93					0	0	0	145	
PL.32934	PL.28924	A	336ACSR	7.56Y	126.0	0.00	0.00	58.67	13	418	150	94	0.02	0.0	0.009	0.005	0	0	0	99	
		B		7.56Y	126.0	0.00	0.01	61.15	14	436	154	94					0	0	0	131	
		C		7.56Y	126.0	0.00	0.01	88.29	20	620	248	93					0	0	0	145	
----- Feeder No. 2 (TRAPP2) Beginning with Device PD.3928 -----																					
PD.3928	PL.32934	A	VWVE	7.56Y	126.0	0.00	0.00	58.67	0	417	150	94	0.00	0.0	0.009	0.000	0	0	0	99	
		B		7.56Y	126.0	0.00	0.01	61.15	0	436	154	94					0	0	0	131	
		C		7.56Y	126.0	0.00	0.01	88.29	0	620	248	93					0	0	0	145	
PL.32935	PD.3928	A	336ACSR	7.56Y	126.0	0.01	0.01	58.67	13	417	150	94	0.12	0.0	0.039	0.030	0	0	0	99	
		B		7.56Y	126.0	0.02	0.02	61.15	14	436	154	94					0	0	0	131	
		C		7.56Y	126.0	0.03	0.03	88.29	20	620	248	93					0	0	0	145	
PL.20652	PL.32935	A	336ACSR	7.56Y	126.0	0.02	0.03	58.67	13	417	150	94	0.34	0.0	0.121	0.082	0	0	0	99	
		B		7.56Y	125.9	0.04	0.07	61.15	14	436	154	94					0	0	0	131	
		C		7.55Y	125.9	0.07	0.10	87.33	20	613	245	93					0	0	0	142	
PL.25149	PL.20652	A	336ACSR	7.56Y	126.0	0.01	0.05	58.16	13	414	148	94	0.18	0.0	0.165	0.044	0	0	0	98	
		B		7.55Y	125.9	0.02	0.09	61.15	14	436	154	94					0	0	0	131	
		C		7.55Y	125.9	0.04	0.14	85.37	19	599	238	93					0	0	0	140	

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: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.363	PL.25149	A	336ACSR	7.55Y	125.9	0.06	0.11	58.16	13	414	148	94	0.98	0.1	0.448	0.283	0	0	0	98		
		B		7.55Y	125.9	0.03	0.12	30.09	7	221	51	97					0	0	0	66		
		C		7.53Y	125.6	0.29	0.43	85.37	19	599	238	93					0	0	0	140		
PL.27541	PL.363	A	336ACSR	7.55Y	125.9	-0.00	0.11	0.00	0	0	0	100	0.00	0.0	0.457	0.009	0	0	0	0		
		B		7.55Y	125.9	0.00	0.12	0.00	0	0	0	100					0	0	0	0		
		C		7.53Y	125.6	0.00	0.43	4.96	1	34	16	90					0	0	0	5		
PD.3154 C	PL.27541	A	fuse6AMP	7.55Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	0.457	0.000	0	0	0	0		
		B		7.55Y	125.9	0.00	0.12	0.00	0	0	0	100					0	0	0	0		
		C		7.53Y	125.6	0.00	0.43	4.96	85	34	16	90					0	0	0	5 C		
PL.17888	PD.3154	A	336ACSR	7.55Y	125.9	-0.00	0.10	0.00	0	0	0	100	0.00	0.0	0.532	0.076	0	0	0	0		
		B		7.55Y	125.9	0.00	0.13	0.00	0	0	0	100					0	0	0	0		
		C		7.53Y	125.6	0.01	0.43	4.96	1	34	16	90					0	0	0	5		
PL.43960	PL.17888	C	4ACSR	7.53Y	125.6	0.00	0.43	1.04	1	7	3	92	0.00	0.0	0.539	0.007	0	0	0	3		
PD.3129	PL.43960	C	fuse6AMP	7.53Y	125.6	0.00	0.43	1.04	18	7	3	92	0.00	0.0	0.539	0.000	0	0	0	3		
PL.43986	PD.3129	C	4ACSR	7.53Y	125.6	0.00	0.43	1.04	1	7	3	92	0.00	0.0	0.556	0.017	0	0	0	3		
PL.16978	PL.43986	C	4ACSR	7.53Y	125.6	0.00	0.44	1.04	1	7	3	92	0.00	0.0	0.598	0.043	0	0	0	3		
068721	PL.16978	C	Consumer	7.53Y	125.6	0.00	0.44	0.54	0	4	2	89	0.00	0.0	0.598	0.000	4	2	1	1		
PL.25147	PL.16978	C	4ACSR	7.53Y	125.6	0.00	0.44	0.50	0	3	2	83	0.00	0.0	0.633	0.034	0	0	0	2		
068732	PL.25147	C	Consumer	7.53Y	125.6	0.00	0.44	0.00	0	0	0	100	0.00	0.0	0.633	0.000	0	0	1	1		
PL.25148	PL.25147	C	4ACSR	7.53Y	125.6	0.00	0.44	0.50	0	3	2	83	0.00	0.0	0.673	0.041	0	0	0	1		
PL.3940	PL.25148	C	4ACSR	7.53Y	125.6	0.00	0.44	0.50	0	3	2	83	0.00	0.0	0.702	0.029	0	0	0	1		
068746	PL.3940	C	Consumer	7.53Y	125.6	0.00	0.44	0.50	0	3	2	83	0.00	0.0	0.702	0.000	3	2	1	1		
PL.3941	PL.25148	C	4ACSR	7.53Y	125.6	0.00	0.44	0.00	0	0	0	100	0.00	0.0	0.708	0.035	0	0	0	0		
068726	PL.3941	C	Consumer	7.53Y	125.6	0.00	0.44	0.00	0	0	0	100	0.00	0.0	0.708	0.000	0	0	0	0		
068703	PL.17888	C	Consumer	7.53Y	125.6	0.00	0.43	3.51	0	24	12	89	0.00	0.0	0.532	0.000	24	12	1	1		
068707	PL.17888	C	Consumer	7.53Y	125.6	0.00	0.43	0.41	0	3	1	95	0.00	0.0	0.532	0.000	3	1	1	1		
PL.40297	PL.363	A	1/0ACSR	7.55Y	125.9	0.04	0.15	58.16	29	414	147	94	0.51	0.0	0.501	0.053	0	0	0	98		
		B		7.55Y	125.9	0.02	0.14	30.09	15	221	51	97					0	0	0	66		
		C		7.53Y	125.5	0.10	0.53	80.43	40	565	220	93					0	0	0	135		
PL.16979	PL.40297	A	1/0ACSR	7.55Y	125.8	0.00	0.15	57.76	29	411	146	94	0.06	0.0	0.507	0.006	0	0	0	94		
		B		7.55Y	125.9	0.00	0.15	30.09	15	221	51	97					0	0	0	66		
		C		7.53Y	125.5	0.01	0.54	80.43	40	564	219	93					0	0	0	135		
PL.43502	PL.16979	A	1/0ACSR	7.55Y	125.8	0.02	0.18	60.58	30	411	201	90	0.28	0.0	0.534	0.027	0	0	0	94		
		B		7.55Y	125.8	0.01	0.16	32.51	16	221	106	90					0	0	0	66		
		C		7.52Y	125.4	0.05	0.59	83.34	41	564	274	90					0	0	0	135		
PD.8278-A	PL.43502	A	Closed	7.55Y	125.8	0.00	0.18	60.58	0	411	200	90	0.00	0.0	0.534	0.000	0	0	0	94		
		B		7.55Y	125.8	0.00	0.16	32.51	0	221	106	90					0	0	0	66		
		C		7.52Y	125.4	0.00	0.59	83.34	0	564	274	90					0	0	0	135		
PD.8278-B	PD.8278-A	A	Closed	7.55Y	125.8	0.00	0.18	60.58	0	411	200	90	0.00	0.0	0.534	0.000	0	0	0	94		
		B		7.55Y	125.8	0.00	0.16	32.51	0	221	106	90					0	0	0	66		
		C		7.52Y	125.4	0.00	0.59	83.34	0	564	274	90					0	0	0	135		
PL.43503	PD.8278-B	A	1/0ACSR	7.55Y	125.8	0.03	0.20	60.58	30	411	200	90	0.29	0.0	0.562	0.028	0	0	0	94		
		B		7.55Y	125.8	0.01	0.17	32.51	16	221	106	90					0	0	0	66		
		C		7.52Y	125.4	0.06	0.65	83.34	41	564	274	90					0	0	0	135		
PL.11000	PL.43503	A	1/0ACSR	7.55Y	125.8	0.04	0.24	60.58	30	411	200	90	0.43	0.0	0.603	0.041	0	0	0	94		
		B		7.55Y	125.8	0.02	0.19	31.19	16	212	102	90					0	0	0	65		
		C		7.52Y	125.3	0.08	0.73	83.34	41	564	274	90					0	0	0	135		
068729	PL.11000	B	Consumer	7.55Y	125.8	0.00	0.19	0.02	0	0	0	100	0.00	0.0	0.603	0.000	0	0	1	1		
068743	PL.11000	B	Consumer	7.55Y	125.8	0.00	0.19	0.03	0	0	0	100	0.00	0.0	0.603	0.000	0	0	1	1		

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
068719	PL.11000	B	Consumer	7.55Y	125.8	0.00	0.19	0.27	0	2	1	89	0.00	0.0	0.603	0.000	2	1	1	1
PL.11001	PL.11000	A	1/0ACSR	7.54Y	125.7	0.04	0.29	60.58	30	411	200	90	0.51	0.0	0.652	0.049	0	0	0	94
		B		7.55Y	125.8	0.02	0.21	30.87	15	210	101	90					0	0	0	62
		C		7.51Y	125.2	0.10	0.83	83.34	41	564	273	90					0	0	0	135
PL.3938	PL.11001	C	4ACSR	7.51Y	125.2	0.00	0.83	0.96	1	7	3	92	0.00	0.0	0.703	0.051	0	0	0	1
068710	PL.3938	C	Consumer	7.51Y	125.2	0.00	0.83	0.96	0	7	3	92	0.00	0.0	0.703	0.000	7	3	1	1
PL.16975	PL.11001	C	4ACSR	7.51Y	125.2	0.00	0.83	1.49	1	10	5	89	0.00	0.0	0.664	0.012	0	0	0	2
PD.3143	PL.16975	C	fuse6AMP	7.51Y	125.2	0.00	0.83	1.49	26	10	5	89	0.00	0.0	0.664	0.000	0	0	0	2
PL.16976	PD.3143	C	4ACSR	7.51Y	125.2	0.00	0.83	1.49	1	10	5	89	0.00	0.0	0.708	0.043	0	0	0	2
PL.3939	PL.16976	C	4ACSR	7.51Y	125.2	0.00	0.84	1.40	1	9	5	87	0.00	0.0	0.779	0.071	0	0	0	1
068730	PL.3939	C	Consumer	7.51Y	125.2	0.00	0.84	1.40	0	9	5	87	0.00	0.0	0.779	0.000	9	5	1	1
068711	PL.16976	C	Consumer	7.51Y	125.2	0.00	0.83	0.10	0	1	0	100	0.00	0.0	0.708	0.000	1	0	1	1
PL.16973	PL.11001	A	4ACSR	7.54Y	125.7	0.00	0.29	0.50	0	3	2	83	0.00	0.0	0.663	0.011	0	0	0	1
PD.3131	PL.16973	A	fuse6AMP	7.54Y	125.7	0.00	0.29	0.50	9	3	2	83	0.00	0.0	0.663	0.000	0	0	0	1
PL.16974	PD.3131	A	4ACSR	7.54Y	125.7	0.00	0.29	0.50	0	3	2	83	0.00	0.0	0.716	0.053	0	0	0	1
069746	PL.16974	A	Consumer	7.54Y	125.7	0.00	0.29	0.00	0	0	0	100	0.00	0.0	0.716	0.000	0	0	0	0
PL.3937	PL.16974	A	4ACSR	7.54Y	125.7	0.00	0.29	0.50	0	3	2	83	0.00	0.0	0.766	0.050	0	0	0	1
069747	PL.3937	A	Consumer	7.54Y	125.7	0.00	0.29	0.50	0	3	2	83	0.00	0.0	0.766	0.000	3	2	1	1
069754	PL.3937	A	Consumer	7.54Y	125.7	0.00	0.29	0.00	0	0	0	100	0.00	0.0	0.766	0.000	0	0	0	0
PL.11002	PL.11001	A	1/0ACSR	7.54Y	125.6	0.11	0.40	60.08	30	407	198	90	1.22	0.1	0.774	0.122	0	0	0	93
		B		7.54Y	125.7	0.05	0.26	30.87	15	210	101	90					0	0	0	62
		C		7.50Y	124.9	0.24	1.07	80.88	40	547	265	90					0	0	0	132
069711	PL.11002	C	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	0.774	0.000	0	0	0	0
PL.11003	PL.11002	A	1/0ACSR	7.53Y	125.5	0.13	0.53	60.08	30	407	198	90	1.43	0.1	0.918	0.144	0	0	0	93
		B		7.54Y	125.7	0.06	0.32	30.87	15	210	101	90					0	0	0	62
		C		7.48Y	124.6	0.28	1.35	80.88	40	546	264	90					0	0	0	132
PL.11004	PL.11003	A	1/0ACSR	7.52Y	125.4	0.10	0.63	59.39	30	402	195	90	1.00	0.1	1.026	0.108	0	0	0	91
		B		7.54Y	125.6	0.04	0.36	30.28	15	206	99	90					0	0	0	61
		C		7.47Y	124.5	0.20	1.55	76.76	38	517	250	90					0	0	0	129
PL.17237	PL.11004	C	4ACSR	7.47Y	124.4	0.00	1.55	1.40	1	9	5	87	0.00	0.0	1.036	0.010	0	0	0	2
PD.3145	PL.17237	C	fuse6AMP	7.47Y	124.4	0.00	1.55	1.40	24	9	5	87	0.00	0.0	1.036	0.000	0	0	0	2
PL.17238	PD.3145	C	4ACSR	7.47Y	124.4	0.00	1.55	1.40	1	9	5	87	0.00	0.0	1.070	0.033	0	0	0	2
069713	PL.17238	C	Consumer	7.47Y	124.4	0.00	1.55	0.00	0	0	0	100	0.00	0.0	1.070	0.000	0	0	0	0
069745	PL.17238	C	Consumer	7.47Y	124.4	0.00	1.55	0.58	0	4	2	89	0.00	0.0	1.070	0.000	4	2	1	1
069757	PL.17238	C	Consumer	7.47Y	124.4	0.00	1.55	0.82	0	6	3	89	0.00	0.0	1.070	0.000	6	3	1	1
069759	PL.11004	A	Consumer	7.52Y	125.4	0.00	0.63	0.77	0	5	3	86	0.00	0.0	1.026	0.000	5	3	1	1
PL.24771	PL.11004	A	1/0ACSR	7.52Y	125.3	0.04	0.67	58.62	29	397	192	90	0.41	0.0	1.072	0.046	0	0	0	90
		B		7.54Y	125.6	0.02	0.38	30.28	15	206	99	90					0	0	0	61
		C		7.46Y	124.4	0.08	1.63	75.36	37	507	245	90					0	0	0	127
PL.25195	PL.24771	A	1/0ACSR	7.52Y	125.3	0.04	0.71	56.33	28	381	185	90	0.42	0.0	1.120	0.048	0	0	0	88
		B		7.54Y	125.6	0.02	0.40	30.28	15	206	99	90					0	0	0	61
		C		7.46Y	124.3	0.09	1.72	75.36	37	506	245	90					0	0	0	127
PL.30835	PL.25195	A	4ACSR	7.52Y	125.3	0.00	0.71	11.41	10	77	37	90	0.00	0.0	1.125	0.005	0	0	0	21
PD.3604	PL.30835	A	50L	7.52Y	125.3	0.00	0.71	11.41	23	77	37	90	0.00	0.0	1.125	0.000	0	0	0	21

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.30836	PD.3604	A	4ACSR	7.50Y	125.0	0.24	0.95	11.41	10	77	37	90	0.14	0.2	1.578	0.453	0	0	0	21
PL.7984	PL.30836	A	4ACSR	7.50Y	125.0	0.03	0.98	11.41	10	77	37	90	0.02	0.0	1.641	0.063	0	0	0	21
PL.17641	PL.7984	A	4ACSR	7.50Y	125.0	0.00	0.99	0.94	1	6	3	89	0.00	0.0	1.659	0.018	0	0	0	2
PD.583	PL.17641	A	fuse6AMP	7.50Y	125.0	0.00	0.99	0.94	16	6	3	89	0.00	0.0	1.659	0.000	0	0	0	2
PL.17642	PD.583	A	4ACSR	7.50Y	125.0	0.00	0.99	0.94	1	6	3	89	0.00	0.0	1.760	0.101	0	0	0	2
120709	PL.17642	A	Consumer	7.50Y	125.0	0.00	0.99	0.62	0	4	2	89	0.00	0.0	1.760	0.000	4	2	1	1
120708	PL.17642	A	Consumer	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.760	0.000	0	0	0	0
120703	PL.17642	A	Consumer	7.50Y	125.0	0.00	0.99	0.32	0	2	1	89	0.00	0.0	1.760	0.000	2	1	1	1
PL.5521	PL.7984	A	4ACSR	7.50Y	125.0	0.04	1.03	10.47	9	71	34	90	0.02	0.0	1.733	0.092	0	0	0	19
PL.5522	PL.5521	A	4ACSR	7.50Y	125.0	0.01	1.04	10.47	9	71	34	90	0.01	0.0	1.759	0.026	0	0	0	19
PL.40733	PL.5522	A	4ACSR	7.50Y	125.0	0.00	1.04	5.65	5	38	18	90	0.00	0.0	1.770	0.012	0	0	0	10
PD.7168-A	PL.40733	A	Closed	7.50Y	125.0	0.00	1.04	5.65	0	38	18	90	0.00	0.0	1.770	0.000	0	0	0	10
PD.7168-B	PD.7168-A	A	Closed	7.50Y	125.0	0.00	1.04	5.65	0	38	18	90	0.00	0.0	1.770	0.000	0	0	0	10
PL.40734	PD.7168-B	A	4ACSR	7.50Y	125.0	0.00	1.05	5.65	5	38	18	90	0.00	0.0	1.781	0.010	0	0	0	10
PL.40732	PL.40734	A	4ACSR	7.50Y	125.0	0.00	1.05	5.65	5	38	18	90	0.00	0.0	1.789	0.009	0	0	0	10
PL.40729	PL.40732	A	4ACSR	7.50Y	124.9	0.00	1.05	4.47	4	30	14	91	0.00	0.0	1.798	0.009	0	0	0	7
PL.40730	PL.40729	A	4ACSR	7.50Y	124.9	0.00	1.05	4.47	4	30	14	91	0.00	0.0	1.811	0.013	0	0	0	7
PL.5525	PL.40730	A	4ACSR	7.50Y	124.9	0.00	1.06	4.47	4	30	14	91	0.00	0.0	1.818	0.007	0	0	0	7
PL.25189	PL.5525	A	4ACSR	7.50Y	124.9	0.02	1.07	4.47	4	30	14	91	0.00	0.0	1.898	0.080	0	0	0	7
069734	PL.25189	A	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	1.898	0.000	0	0	0	0
069720	PL.25189	A	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	1.898	0.000	0	0	0	0
069736	PL.25189	A	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	1.898	0.000	0	0	0	0
069710	PL.25189	A	Consumer	7.50Y	124.9	0.00	1.07	0.36	0	2	1	89	0.00	0.0	1.898	0.000	2	1	1	1
069726	PL.25189	A	Consumer	7.50Y	124.9	0.00	1.07	0.46	0	3	1	95	0.00	0.0	1.898	0.000	3	1	1	1
069753	PL.25189	A	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	1.898	0.000	0	0	1	1
069730	PL.25189	A	Consumer	7.50Y	124.9	0.00	1.07	1.02	0	7	3	92	0.00	0.0	1.898	0.000	7	3	1	1
PL.40725	PL.25189	A	4ACSR	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	1.907	0.009	0	0	0	0
PL.40726	PL.40725	A	4ACSR	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	1.994	0.087	0	0	0	0
PL.4411	PL.40726	A	4ACSR	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	2.074	0.080	0	0	0	0
PL.25190	PL.25189	A	4ACSR	7.49Y	124.9	0.01	1.08	2.63	2	18	8	91	0.00	0.0	2.000	0.102	0	0	0	3
PL.25191	PL.25190	A	4ACSR	7.49Y	124.9	0.00	1.09	1.41	1	10	5	89	0.00	0.0	2.060	0.059	0	0	0	2
069727	PL.25191	A	Consumer	7.49Y	124.9	0.00	1.09	0.46	0	3	1	95	0.00	0.0	2.060	0.000	3	1	1	1
069732	PL.25191	A	Consumer	7.49Y	124.9	0.00	1.09	0.95	0	6	3	89	0.00	0.0	2.060	0.000	6	3	1	1
069709	PL.25190	A	Consumer	7.49Y	124.9	0.00	1.08	1.22	0	8	4	89	0.00	0.0	2.000	0.000	8	4	1	1
PL.40727	PL.40732	A	4ACSR	7.50Y	125.0	0.00	1.05	1.18	1	8	4	89	0.00	0.0	1.793	0.003	0	0	0	3
PL.40728	PL.40727	A	4ACSR	7.50Y	124.9	0.01	1.06	1.18	1	8	4	89	0.00	0.0	1.937	0.144	0	0	0	3
120714	PL.40728	A	Consumer	7.50Y	124.9	0.00	1.06	0.09	0	1	0	100	0.00	0.0	1.937	0.000	1	0	1	1
120701	PL.40728	A	Consumer	7.50Y	124.9	0.00	1.06	0.73	0	5	2	93	0.00	0.0	1.937	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
120715	PL.40728	A	Consumer	7.50Y	124.9	0.00	1.06	0.36	0	2	1	89	0.00	0.0	1.937	0.000	2	1	1	1
120711	PL.40728	A	Consumer	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	1.937	0.000	0	0	0	0
PL.40735	PL.5522	A	4ACSR	7.50Y	125.0	0.00	1.04	3.95	3	27	13	90	0.00	0.0	1.769	0.010	0	0	0	8
PD.7169-A	PL.40735	A	Closed	7.50Y	125.0	0.00	1.04	3.95	0	27	13	90	0.00	0.0	1.769	0.000	0	0	0	8
PD.7169-B	PD.7169-A	A	Closed	7.50Y	125.0	0.00	1.04	3.95	0	27	13	90	0.00	0.0	1.769	0.000	0	0	0	8
PL.40736	PD.7169-B	A	4ACSR	7.50Y	124.9	0.02	1.07	3.95	3	27	13	90	0.00	0.0	1.889	0.120	0	0	0	8
PL.11006	PL.40736	A	4ACSR	7.49Y	124.9	0.02	1.09	3.38	3	23	11	90	0.00	0.0	2.016	0.127	0	0	0	7
PL.11007	PL.11006	A	4ACSR	7.49Y	124.9	0.03	1.11	3.38	3	23	11	90	0.00	0.0	2.193	0.177	0	0	0	7
PL.11008	PL.11007	A	4ACSR	7.49Y	124.9	0.01	1.12	1.33	1	9	4	91	0.00	0.0	2.328	0.135	0	0	0	4
PL.11011	PL.11008	A	4ACSR	7.49Y	124.9	0.01	1.14	1.33	1	9	4	91	0.00	0.0	2.566	0.238	0	0	0	4
PL.11012	PL.11011	A	4ACSR	7.49Y	124.9	0.01	1.14	1.00	1	7	3	92	0.00	0.0	2.680	0.114	0	0	0	3
PL.11013	PL.11012	A	4ACSR	7.49Y	124.9	0.01	1.15	1.00	1	7	3	92	0.00	0.0	2.812	0.132	0	0	0	3
PL.11014	PL.11013	A	4ACSR	7.49Y	124.9	0.00	1.15	0.00	0	0	0	100	0.00	0.0	2.975	0.163	0	0	0	1
121703	PL.11014	A	Consumer	7.49Y	124.9	0.00	1.15	0.00	0	0	0	100	0.00	0.0	2.975	0.000	0	0	1	1
PL.822	PL.11013	A	4ACSR	7.49Y	124.8	0.01	1.16	1.00	1	7	3	92	0.00	0.0	2.991	0.180	0	0	0	2
PL.847	PL.822	A	4ACSR	7.49Y	124.8	0.00	1.16	1.00	1	7	3	92	0.00	0.0	3.031	0.040	0	0	0	2
121828	PL.847	A	Consumer	7.49Y	124.8	0.00	1.16	0.18	0	1	1	71	0.00	0.0	3.031	0.000	1	1	1	1
121827	PL.847	A	Consumer	7.49Y	124.8	0.00	1.16	0.82	0	6	3	89	0.00	0.0	3.031	0.000	6	3	1	1
121706	PL.11012	A	Consumer	7.49Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	2.680	0.000	0	0	0	0
PL.11009	PL.11011	A	4ACSR	7.49Y	124.9	0.00	1.14	0.32	0	2	1	89	0.00	0.0	2.612	0.046	0	0	0	1
PL.11010	PL.11009	A	4ACSR	7.49Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	2.654	0.042	0	0	0	0
121704	PL.11009	A	Consumer	7.49Y	124.9	0.00	1.14	0.32	0	2	1	89	0.00	0.0	2.612	0.000	2	1	1	1
120706	PL.11007	A	Consumer	7.49Y	124.9	0.00	1.11	0.41	0	3	1	95	0.00	0.0	2.193	0.000	3	1	1	1
PL.40737	PL.11007	A	4ACSR	7.49Y	124.9	0.00	1.11	1.64	1	11	5	91	0.00	0.0	2.196	0.003	0	0	0	2
PL.40740	PL.40737	A	4ACSR	7.49Y	124.9	0.00	1.11	1.64	1	11	5	91	0.00	0.0	2.200	0.004	0	0	0	2
PL.40741	PL.40740	A	4ACSR	7.49Y	124.9	0.01	1.12	0.95	1	6	3	89	0.00	0.0	2.327	0.127	0	0	0	1
121707	PL.40741	A	Consumer	7.49Y	124.9	0.00	1.12	0.95	0	6	3	89	0.00	0.0	2.327	0.000	6	3	1	1
PL.40739	PL.40740	A	4ACSR	7.49Y	124.9	0.00	1.12	0.68	1	5	2	93	0.00	0.0	2.296	0.096	0	0	0	1
120704	PL.40739	A	Consumer	7.49Y	124.9	0.00	1.12	0.68	0	5	2	93	0.00	0.0	2.296	0.000	5	2	1	1
1207016	PL.40736	A	Consumer	7.50Y	124.9	0.00	1.07	0.58	0	4	2	89	0.00	0.0	1.889	0.000	4	2	1	1
120702	PL.5522	A	Consumer	7.50Y	125.0	0.00	1.04	0.86	0	6	3	89	0.00	0.0	1.759	0.000	6	3	1	1
069716	PL.30836	A	Consumer	7.50Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	1.578	0.000	0	0	0	0
PL.18723	PL.25195	A	1/0ACSR	7.52Y	125.3	0.00	0.71	44.92	22	304	147	90	0.06	0.0	1.128	0.008	0	0	0	67
		B		7.54Y	125.6	0.00	0.40	30.28	15	206	99	90					0	0	0	61
		C		7.46Y	124.3	0.01	1.73	75.36	37	506	244	90					0	0	0	127
PL.18724	PL.18723	A	1/0ACSR	7.52Y	125.3	0.02	0.73	44.92	22	304	147	90	0.21	0.0	1.155	0.027	0	0	0	67
		B		7.53Y	125.6	0.01	0.42	30.28	15	206	99	90					0	0	0	61
		C		7.45Y	124.2	0.05	1.78	75.36	37	506	244	90					0	0	0	127
069714	PL.18724	B	Consumer	7.53Y	125.6	0.00	0.42	0.16	0	1	1	71	0.00	0.0	1.155	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.11015	PL.18724	A	1/0ACSR	7.51Y	125.2	0.02	0.75	44.92	22	304	147	90	0.34	0.0	1.199	0.044	0	0	0	67		
		B		7.53Y	125.6	0.02	0.44	30.12	15	205	98	90					0	0	0	60		
		C		7.45Y	124.1	0.08	1.86	75.36	37	506	244	90					0	0	0	127		
PL.11016	PL.11015	A	1/0ACSR	7.51Y	125.2	0.02	0.77	44.92	22	304	147	90	0.27	0.0	1.235	0.036	0	0	0	67		
		B		7.53Y	125.5	0.02	0.46	29.48	15	200	96	90					0	0	0	59		
		C		7.44Y	124.1	0.06	1.93	75.36	37	506	244	90					0	0	0	127		
069761	PL.11016	B	Consumer	7.53Y	125.5	0.00	0.46	0.02	0	0	0	100	0.00	0.0	1.235	0.000	0	0	1	1		
069749	PL.11016	B	Consumer	7.53Y	125.5	0.00	0.46	0.64	0	4	2	89	0.00	0.0	1.235	0.000	4	2	1	1		
PL.11017	PL.11016	A	1/0ACSR	7.51Y	125.2	0.04	0.81	44.92	22	304	147	90	0.50	0.1	1.301	0.066	0	0	0	67		
		B		7.53Y	125.5	0.03	0.49	28.82	14	196	94	90					0	0	0	57		
		C		7.44Y	124.0	0.12	2.04	75.36	37	505	244	90					0	0	0	127		
PL.11018	PL.11017	A	1/0ACSR	7.51Y	125.1	0.04	0.85	44.92	22	304	147	90	0.62	0.1	1.381	0.081	0	0	0	67		
		B		7.53Y	125.5	0.04	0.53	28.82	14	196	94	90					0	0	0	57		
		C		7.43Y	123.8	0.14	2.19	75.36	37	505	243	90					0	0	0	127		
069848	PL.11018	B	Consumer	7.53Y	125.5	0.00	0.53	0.60	0	4	2	89	0.00	0.0	1.381	0.000	4	2	1	1		
PL.4026	PL.11018	A	4ACSR	7.51Y	125.1	0.00	0.86	0.95	1	6	3	89	0.00	0.0	1.433	0.052	0	0	0	1		
069849	PL.4026	A	Consumer	7.51Y	125.1	0.00	0.86	0.95	0	6	3	89	0.00	0.0	1.433	0.000	6	3	1	1		
PL.11019	PL.11018	A	1/0ACSR	7.51Y	125.1	0.06	0.91	43.97	22	297	144	90	0.85	0.1	1.494	0.112	0	0	0	66		
		B		7.53Y	125.4	0.05	0.58	28.22	14	192	92	90					0	0	0	56		
		C		7.42Y	123.6	0.20	2.39	75.36	37	504	243	90					0	0	0	127		
PL.17228	PL.11019	C	4ACSR	7.42Y	123.6	0.00	2.39	1.05	1	7	3	92	0.00	0.0	1.502	0.009	0	0	0	2		
PD.3159	PL.17228	C	fuse6AMP	7.42Y	123.6	0.00	2.39	1.05	18	7	3	92	0.00	0.0	1.502	0.000	0	0	0	2		
PL.17227	PD.3159	C	4ACSR	7.42Y	123.6	0.00	2.39	1.05	1	7	3	92	0.00	0.0	1.553	0.051	0	0	0	2		
PL.4035	PL.17227	C	4ACSR	7.42Y	123.6	0.00	2.39	0.02	0	0	0	100	0.00	0.0	1.723	0.170	0	0	0	1		
069851	PL.4035	C	Consumer	7.42Y	123.6	0.00	2.39	0.02	0	0	0	100	0.00	0.0	1.723	0.000	0	0	1	1		
PL.10873	PL.17227	C	4ACSR	7.42Y	123.6	0.00	2.39	1.04	1	7	3	92	0.00	0.0	1.584	0.031	0	0	0	1		
069839	PL.10873	C	Consumer	7.42Y	123.6	0.00	2.39	1.04	0	7	3	92	0.00	0.0	1.584	0.000	7	3	1	1		
069807	PL.10873	C	Consumer	7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0	1.584	0.000	0	0	0	0		
PL.11020	PL.11019	A	1/0ACSR	7.50Y	125.1	0.02	0.93	43.97	22	297	144	90	0.25	0.0	1.527	0.033	0	0	0	66		
		B		7.52Y	125.4	0.02	0.60	28.22	14	191	92	90					0	0	0	56		
		C		7.41Y	123.6	0.06	2.45	74.30	37	497	239	90					0	0	0	125		
PL.17235	PL.11020	A	4ACSR	7.50Y	125.1	0.00	0.93	0.58	0	4	2	89	0.00	0.0	1.542	0.015	0	0	0	1		
PD.3165	PL.17235	A	fuse6AMP	7.50Y	125.1	0.00	0.93	0.58	10	4	2	89	0.00	0.0	1.542	0.000	0	0	0	1		
PL.17236	PD.3165	A	4ACSR	7.50Y	125.1	0.00	0.93	0.58	0	4	2	89	0.00	0.0	1.598	0.056	0	0	0	1		
069844	PL.17236	A	Consumer	7.50Y	125.1	0.00	0.93	0.58	0	4	2	89	0.00	0.0	1.598	0.000	4	2	1	1		
PL.11021	PL.11020	A	1/0ACSR	7.50Y	125.1	0.02	0.95	43.39	22	293	142	90	0.25	0.0	1.561	0.034	0	0	0	65		
		B		7.52Y	125.4	0.02	0.62	28.22	14	191	92	90					0	0	0	56		
		C		7.41Y	123.5	0.06	2.51	74.30	37	497	238	90					0	0	0	125		
PL.10874	PL.11021	A	1/0ACSR	7.50Y	125.0	0.02	0.97	43.39	22	293	142	90	0.29	0.0	1.601	0.040	0	0	0	65		
		B		7.52Y	125.4	0.02	0.63	27.01	13	183	88	90					0	0	0	55		
		C		7.41Y	123.4	0.07	2.58	74.30	37	496	238	90					0	0	0	125		
PL.4022	PL.10874	B	4ACSR	7.52Y	125.4	0.01	0.64	1.34	1	9	4	91	0.00	0.0	1.682	0.081	0	0	0	1		
069843	PL.4022	B	Consumer	7.52Y	125.4	0.00	0.64	1.34	0	9	4	91	0.00	0.0	1.682	0.000	9	4	1	1		
PL.10875	PL.10874	A	1/0ACSR	7.50Y	125.0	0.03	1.00	43.39	22	293	142	90	0.45	0.0	1.665	0.064	0	0	0	65		
		B		7.52Y	125.3	0.03	0.66	25.68	13	174	84	90					0	0	0	54		
		C		7.40Y	123.3	0.11	2.69	72.76	36	486	233	90					0	0	0	123		
PL.17231	PL.10875	C	4ACSR	7.40Y	123.3	0.03	2.72	42.69	36	285	137	90	0.06	0.0	1.678	0.014	0	0	0	74		

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
PD.3607	PL.17231	C	70L	7.40Y	123.3	0.00	2.72	42.69	61	285	136	90	0.00	0.0	1.678	0.000	0	0	0	74
PL.17232	PD.3607	C	4ACSR	7.39Y	123.1	0.20	2.92	42.69	36	285	136	90	0.43	0.2	1.778	0.099	0	0	0	74
PL.3903	PL.17232	C	4ACSR	7.38Y	123.1	0.01	2.92	2.97	2	20	9	91	0.00	0.0	1.841	0.063	0	0	0	4
069816	PL.3903	C	Consumer	7.38Y	123.1	0.00	2.92	0.67	0	4	2	89	0.00	0.0	1.841	0.000	4	2	1	1
069810	PL.3903	C	Consumer	7.38Y	123.1	0.00	2.92	1.10	0	7	4	87	0.00	0.0	1.841	0.000	7	4	1	1
069814	PL.3903	C	Consumer	7.38Y	123.1	0.00	2.92	0.68	0	5	2	93	0.00	0.0	1.841	0.000	5	2	1	1
069812	PL.3903	C	Consumer	7.38Y	123.1	0.00	2.92	0.00	0	0	0	100	0.00	0.0	1.841	0.000	0	0	0	0
PL.3904	PL.3903	C	4ACSR	7.38Y	123.1	0.00	2.93	0.51	0	3	2	83	0.00	0.0	1.935	0.094	0	0	0	1
069813	PL.3904	C	Consumer	7.38Y	123.1	0.00	2.93	0.51	0	3	2	83	0.00	0.0	1.935	0.000	3	2	1	1
PL.10876	PL.17232	C	4ACSR	7.37Y	122.9	0.21	3.13	39.72	33	264	127	90	0.44	0.2	1.894	0.116	0	0	0	70
069811	PL.10876	C	Consumer	7.37Y	122.9	0.00	3.13	0.72	0	5	2	93	0.00	0.0	1.894	0.000	5	2	1	1
069823	PL.10876	C	Consumer	7.37Y	122.9	0.00	3.13	0.01	0	0	0	100	0.00	0.0	1.894	0.000	0	0	1	1
069803	PL.10876	C	Consumer	7.37Y	122.9	0.00	3.13	0.74	0	5	2	93	0.00	0.0	1.894	0.000	5	2	1	1
PL.10877	PL.10876	C	4ACSR	7.37Y	122.8	0.06	3.19	38.25	32	254	122	90	0.13	0.1	1.930	0.037	0	0	0	67
PL.10878	PL.10877	C	4ACSR	7.36Y	122.7	0.08	3.27	37.16	31	247	118	90	0.15	0.1	1.976	0.046	0	0	0	65
PL.10879	PL.10878	C	4ACSR	7.35Y	122.6	0.16	3.43	23.72	20	157	75	90	0.19	0.1	2.119	0.142	0	0	0	40
PL.10880	PL.10879	C	4ACSR	7.35Y	122.5	0.05	3.48	22.52	19	149	72	90	0.06	0.0	2.168	0.050	0	0	0	37
069805	PL.10880	C	Consumer	7.35Y	122.5	0.00	3.48	0.16	0	1	1	71	0.00	0.0	2.168	0.000	1	1	1	1
PL.10881	PL.10880	C	4ACSR	7.35Y	122.5	0.07	3.55	22.35	19	148	71	90	0.08	0.1	2.233	0.064	0	0	0	36
PL.40456	PL.10881	C	4ACSR	7.35Y	122.5	0.00	3.55	0.87	1	6	3	89	0.00	0.0	2.238	0.005	0	0	0	1
PD.7182	PL.40456	C	fuse6AMP	7.35Y	122.5	0.00	3.55	0.87	15	6	3	89	0.00	0.0	2.238	0.000	0	0	0	1
PL.40457	PD.7182	C	4ACSR	7.35Y	122.5	0.00	3.55	0.87	1	6	3	89	0.00	0.0	2.275	0.037	0	0	0	1
069819	PL.40457	C	Consumer	7.35Y	122.5	0.00	3.55	0.87	0	6	3	89	0.00	0.0	2.275	0.000	6	3	1	1
PL.10882	PL.10881	C	4ACSR	7.34Y	122.4	0.10	3.65	21.49	18	142	68	90	0.11	0.1	2.333	0.100	0	0	0	35
PD.3608	PL.10882	C	70L	7.34Y	122.4	0.00	3.65	21.49	31	142	68	90	0.00	0.0	2.333	0.000	0	0	0	35
PL.365	PD.3608	C	4ACSR	7.34Y	122.3	0.04	3.69	21.49	18	142	68	90	0.04	0.0	2.372	0.039	0	0	0	35
PL.10883	PL.365	C	4ACSR	7.34Y	122.3	0.02	3.70	20.23	17	134	64	90	0.02	0.0	2.388	0.016	0	0	0	34
PL.40460	PL.10883	C	4ACSR	7.34Y	122.3	0.00	3.70	1.55	1	10	5	89	0.00	0.0	2.394	0.005	0	0	0	1
PD.7184	PL.40460	C	fuse6AMP	7.34Y	122.3	0.00	3.70	1.55	27	10	5	89	0.00	0.0	2.394	0.000	0	0	0	1
PL.40461	PD.7184	C	4ACSR	7.34Y	122.3	0.00	3.70	1.55	1	10	5	89	0.00	0.0	2.401	0.008	0	0	0	1
PL.3907	PL.40461	C	4ACSR	7.34Y	122.3	0.01	3.71	1.55	1	10	5	89	0.00	0.0	2.493	0.091	0	0	0	1
069806	PL.3907	C	Consumer	7.34Y	122.3	0.00	3.71	1.55	0	10	5	89	0.00	0.0	2.493	0.000	10	5	1	1
PL.10884	PL.10883	C	4ACSR	7.33Y	122.1	0.16	3.86	18.68	16	124	59	90	0.15	0.1	2.569	0.180	0	0	0	33
PL.10885	PL.10884	C	4ACSR	7.32Y	122.1	0.09	3.95	18.02	15	119	57	90	0.08	0.1	2.677	0.109	0	0	0	32
120912	PL.10885	C	Consumer	7.32Y	122.1	0.00	3.95	0.42	0	3	1	95	0.00	0.0	2.677	0.000	3	1	1	1
PL.40464	PL.10885	C	4ACSR	7.32Y	122.1	0.00	3.95	0.77	1	5	2	93	0.00	0.0	2.688	0.010	0	0	0	2
PD.7186	PL.40464	C	fuse6AMP	7.32Y	122.1	0.00	3.95	0.77	13	5	2	93	0.00	0.0	2.688	0.000	0	0	0	2
PL.40465	PD.7186	C	4ACSR	7.32Y	122.0	0.00	3.95	0.77	1	5	2	93	0.00	0.0	2.719	0.031	0	0	0	2

Unbalanced Voltage Drop Report
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Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.10886	PL.40465	C	4ACSR	7.32Y	122.0	0.00	3.95	0.77	1	5	2	93	0.00	0.0	2.743	0.024	0	0	0	2
069909	PL.10886	C	Consumer	7.32Y	122.0	0.00	3.95	0.33	0	2	1	89	0.00	0.0	2.743	0.000	2	1	1	1
PL.10887	PL.10886	C	4ACSR	7.32Y	122.0	0.00	3.95	0.44	0	3	1	95	0.00	0.0	2.776	0.033	0	0	0	1
PL.3908	PL.10887	C	4ACSR	7.32Y	122.0	0.00	3.95	0.44	0	3	1	95	0.00	0.0	2.846	0.071	0	0	0	1
PL.3909	PL.3908	C	4ACSR	7.32Y	122.0	0.00	3.95	0.44	0	3	1	95	0.00	0.0	2.899	0.053	0	0	0	1
069911	PL.3909	C	Consumer	7.32Y	122.0	0.00	3.95	0.44	0	3	1	95	0.00	0.0	2.899	0.000	3	1	1	1
PL.855	PL.40465	C	4ACSR	7.32Y	122.0	0.00	3.95	0.00	0	0	0	100	0.00	0.0	2.719	0.000	0	0	0	0
PL.10888	PL.10885	C	4ACSR	7.32Y	122.0	0.04	3.99	16.83	14	111	53	90	0.04	0.0	2.730	0.052	0	0	0	29
PL.18751	PL.10888	C	4ACSR	7.32Y	121.9	0.09	4.08	16.20	14	107	51	90	0.07	0.1	2.848	0.118	0	0	0	27
PL.18752	PL.18751	C	4ACSR	7.31Y	121.9	0.01	4.09	16.20	14	107	51	90	0.01	0.0	2.865	0.018	0	0	0	27
PL.40475	PL.18752	C	4ACSR	7.31Y	121.9	0.01	4.10	8.19	7	54	26	90	0.00	0.0	2.882	0.017	0	0	0	13
PD.7199	PL.40475	C	Sectionali	7.31Y	121.9	0.00	4.10	8.19	0	54	26	90	0.00	0.0	2.882	0.000	0	0	0	13
PL.40574	PD.7199	C	4ACSR	7.31Y	121.8	0.09	4.19	8.19	7	54	26	90	0.04	0.1	3.122	0.240	0	0	0	13
PL.40576	PL.40574	C	4ACSR	7.31Y	121.8	0.00	4.19	2.20	2	14	7	89	0.00	0.0	3.128	0.007	0	0	0	5
PD.7224	PL.40576	C	fuse6AMP	7.31Y	121.8	0.00	4.19	2.20	38	14	7	89	0.00	0.0	3.128	0.000	0	0	0	5
PL.40577	PD.7224	C	4ACSR	7.31Y	121.8	0.01	4.20	2.20	2	14	7	89	0.00	0.0	3.184	0.056	0	0	0	5
PL.851	PL.40577	C	4ACSR	7.31Y	121.8	0.00	4.20	0.83	1	5	3	86	0.00	0.0	3.303	0.119	0	0	0	1
120905	PL.851	C	Consumer	7.31Y	121.8	0.00	4.20	0.83	0	5	3	86	0.00	0.0	3.303	0.000	5	3	1	1
PL.849	PL.40577	C	4ACSR	7.31Y	121.8	0.00	4.20	0.00	0	0	0	100	0.00	0.0	3.288	0.103	0	0	0	1
120904	PL.849	C	Consumer	7.31Y	121.8	0.00	4.20	0.00	0	0	0	100	0.00	0.0	3.288	0.000	0	0	1	1
PL.28000	PL.40577	C	4ACSR	7.31Y	121.8	0.02	4.22	1.37	1	9	4	91	0.00	0.0	3.541	0.357	0	0	0	3
PL.28001	PL.28000	C	4ACSR	7.31Y	121.8	0.00	4.22	1.37	1	9	4	91	0.00	0.0	3.543	0.002	0	0	0	3
PL.848	PL.28001	C	4ACSR	7.31Y	121.8	0.00	4.22	0.59	0	4	2	89	0.00	0.0	3.625	0.082	0	0	0	1
121939	PL.848	C	Consumer	7.31Y	121.8	0.00	4.22	0.00	0	0	0	100	0.00	0.0	3.625	0.000	0	0	0	0
121921	PL.848	C	Consumer	7.31Y	121.8	0.00	4.22	0.59	0	4	2	89	0.00	0.0	3.625	0.000	4	2	1	1
PL.17711	PL.28001	C	4ACSR	7.31Y	121.8	0.00	4.22	0.78	1	5	2	93	0.00	0.0	3.651	0.108	0	0	0	2
121905	PL.17711	C	Consumer	7.31Y	121.8	0.00	4.22	0.25	0	2	1	89	0.00	0.0	3.651	0.000	2	1	1	1
121926	PL.17711	C	Consumer	7.31Y	121.8	0.00	4.22	0.53	0	4	2	89	0.00	0.0	3.651	0.000	4	2	1	1
1219049	PL.28001	C	Consumer	7.31Y	121.8	0.00	4.22	0.00	0	0	0	100	0.00	0.0	3.543	0.000	0	0	0	0
PL.40579	PL.40574	C	4ACSR	7.31Y	121.8	0.00	4.19	5.99	5	40	19	90	0.00	0.0	3.129	0.007	0	0	0	8
PD.7225-A	PL.40579	C	Closed	7.31Y	121.8	0.00	4.19	5.99	0	40	19	90	0.00	0.0	3.129	0.000	0	0	0	8
PD.7225-B	PD.7225-A	C	Closed	7.31Y	121.8	0.00	4.19	5.99	0	40	19	90	0.00	0.0	3.129	0.000	0	0	0	8
PL.40578	PD.7225-B	C	4ACSR	7.30Y	121.7	0.11	4.30	5.99	5	40	19	90	0.03	0.1	3.515	0.386	0	0	0	8
PL.5115	PL.40578	C	4ACSR	7.30Y	121.7	0.02	4.32	5.97	5	39	19	90	0.01	0.0	3.591	0.076	0	0	0	7
PL.11684	PL.5115	C	4ACSR	7.30Y	121.7	0.00	4.32	3.31	3	22	10	91	0.00	0.0	3.621	0.029	0	0	0	4
PL.11685	PL.11684	C	4ACSR	7.30Y	121.7	0.00	4.33	1.57	1	10	5	89	0.00	0.0	3.669	0.048	0	0	0	2
PL.11683	PL.11685	C	4ACSR	7.30Y	121.7	0.00	4.33	0.67	1	4	2	89	0.00	0.0	3.747	0.078	0	0	0	1
120921	PL.11683	C	Consumer	7.30Y	121.7	0.00	4.33	0.67	0	4	2	89	0.00	0.0	3.747	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
120930	PL.11685	C	Consumer	7.30Y	121.7	0.00	4.33	0.90	0	6	3	89	0.00	0.0	3.669	0.000	6	3	1	1
PL.879	PL.11684	C	4ACSR	7.30Y	121.7	0.00	4.32	0.55	0	4	2	89	0.00	0.0	3.649	0.028	0	0	0	1
120929	PL.879	C	Consumer	7.30Y	121.7	0.00	4.32	0.55	0	4	2	89	0.00	0.0	3.649	0.000	4	2	1	1
PL.20202	PL.11684	C	4ACSR	7.30Y	121.7	0.00	4.32	1.19	1	8	4	89	0.00	0.0	3.624	0.003	0	0	0	1
PD.624	PL.20202	C	fuse6AMP	7.30Y	121.7	0.00	4.32	1.19	20	8	4	89	0.00	0.0	3.624	0.000	0	0	0	1
PL.20203	PD.624	C	4ACSR	7.30Y	121.7	0.02	4.34	1.19	1	8	4	89	0.00	0.0	3.958	0.334	0	0	0	1
120927	PL.20203	C	Consumer	7.30Y	121.7	0.00	4.34	1.19	0	8	4	89	0.00	0.0	3.958	0.000	8	4	1	1
PL.11686	PL.5115	C	4ACSR	7.30Y	121.7	0.01	4.33	2.66	2	18	8	91	0.00	0.0	3.663	0.071	0	0	0	3
120915	PL.11686	C	Consumer	7.30Y	121.7	0.00	4.33	0.40	0	3	1	95	0.00	0.0	3.663	0.000	3	1	1	1
PL.11687	PL.11686	C	4ACSR	7.30Y	121.7	0.01	4.33	2.26	2	15	7	91	0.00	0.0	3.720	0.057	0	0	0	2
PL.327	PL.11687	C	4ACSR	7.30Y	121.7	0.01	4.34	1.33	1	9	4	91	0.00	0.0	3.807	0.088	0	0	0	1
PD.625	PL.327	C	fuse6AMP	7.30Y	121.7	0.00	4.34	1.33	23	9	4	91	0.00	0.0	3.807	0.000	0	0	0	1
PL.328	PD.625	C	2ACSR	7.30Y	121.7	0.00	4.34	1.33	1	9	4	91	0.00	0.0	3.901	0.094	0	0	0	1
1209031	PL.328	C	Consumer	7.30Y	121.7	0.00	4.34	1.33	0	9	4	91	0.00	0.0	3.901	0.000	9	4	1	1
120923	PL.11687	C	Consumer	7.30Y	121.7	0.00	4.33	0.92	0	6	3	89	0.00	0.0	3.720	0.000	6	3	1	1
120906	PL.40578	C	Consumer	7.30Y	121.7	0.00	4.30	0.02	0	0	0	100	0.00	0.0	3.515	0.000	0	0	1	1
PL.18749	PL.18752	C	4ACSR	7.31Y	121.9	0.01	4.10	8.02	7	53	25	90	0.00	0.0	2.886	0.021	0	0	0	14
PD.7198	PL.18749	C	Sectionali	7.31Y	121.9	0.00	4.10	8.02	0	53	25	90	0.00	0.0	2.886	0.000	0	0	0	14
PL.18750	PD.7198	C	4ACSR	7.31Y	121.9	0.04	4.14	8.02	7	53	25	90	0.02	0.0	3.007	0.121	0	0	0	14
120917	PL.18750	C	Consumer	7.31Y	121.9	0.00	4.14	0.74	0	5	2	93	0.00	0.0	3.007	0.000	5	2	1	1
120902	PL.18750	C	Consumer	7.31Y	121.9	0.00	4.14	0.84	0	6	3	89	0.00	0.0	3.007	0.000	6	3	1	1
120928	PL.18750	C	Consumer	7.31Y	121.9	0.00	4.14	0.10	0	1	0	100	0.00	0.0	3.007	0.000	1	0	1	1
120920	PL.18750	C	Consumer	7.31Y	121.9	0.00	4.14	0.47	0	3	1	95	0.00	0.0	3.007	0.000	3	1	1	1
PL.5116	PL.18750	C	4ACSR	7.31Y	121.8	0.03	4.18	5.86	5	39	19	90	0.01	0.0	3.129	0.121	0	0	0	10
PL.10889	PL.5116	C	4ACSR	7.31Y	121.8	0.03	4.20	5.86	5	39	19	90	0.01	0.0	3.223	0.094	0	0	0	10
PL.10890	PL.10889	C	4ACSR	7.31Y	121.8	0.01	4.21	4.73	4	31	15	90	0.00	0.0	3.250	0.027	0	0	0	8
PL.10891	PL.10890	C	4ACSR	7.31Y	121.8	0.02	4.23	4.73	4	31	15	90	0.01	0.0	3.346	0.096	0	0	0	8
PL.40485	PL.10891	C	4ACSR	7.31Y	121.8	0.00	4.23	4.73	4	31	15	90	0.00	0.0	3.359	0.013	0	0	0	8
PL.40486	PL.40485	C	4ACSR	7.31Y	121.8	0.01	4.24	3.52	3	23	11	90	0.00	0.0	3.432	0.073	0	0	0	7
PL.40480	PL.40486	C	4ACSR	7.31Y	121.8	0.00	4.24	0.82	1	5	3	86	0.00	0.0	3.439	0.007	0	0	0	1
PD.7192	PL.40480	C	fuse6AMP	7.31Y	121.8	0.00	4.24	0.82	14	5	3	86	0.00	0.0	3.439	0.000	0	0	0	1
PL.40481	PD.7192	C	4ACSR	7.31Y	121.8	0.00	4.25	0.82	1	5	3	86	0.00	0.0	3.501	0.062	0	0	0	1
PL.4029	PL.40481	C	4ACSR	7.31Y	121.8	0.00	4.25	0.82	1	5	3	86	0.00	0.0	3.561	0.060	0	0	0	1
069916	PL.4029	C	Consumer	7.31Y	121.8	0.00	4.25	0.82	0	5	3	86	0.00	0.0	3.561	0.000	5	3	1	1
PL.7989	PL.40486	C	4ACSR	7.30Y	121.7	0.01	4.25	2.70	2	18	9	89	0.00	0.0	3.491	0.059	0	0	0	6
069910	PL.7989	C	Consumer	7.30Y	121.7	0.00	4.25	0.63	0	4	2	89	0.00	0.0	3.491	0.000	4	2	1	1
PL.10892	PL.7989	C	4ACSR	7.30Y	121.7	0.01	4.26	2.07	2	14	7	89	0.00	0.0	3.605	0.114	0	0	0	5
PL.40489	PL.10892	C	4ACSR	7.30Y	121.7	0.00	4.26	0.27	0	2	1	89	0.00	0.0	3.612	0.007	0	0	0	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.7193	PL.40489	C	fuse6AMP	7.30Y	121.7	0.00	4.26	0.27	5	2	1	89	0.00	0.0	3.612	0.000	0	0	0	1
PL.40490	PD.7193	C	4ACSR	7.30Y	121.7	0.00	4.26	0.27	0	2	1	89	0.00	0.0	3.655	0.043	0	0	0	1
069903	PL.40490	C	Consumer	7.30Y	121.7	0.00	4.26	0.27	0	2	1	89	0.00	0.0	3.655	0.000	2	1	1	1
069915	PL.10892	C	Consumer	7.30Y	121.7	0.00	4.26	0.17	0	1	1	71	0.00	0.0	3.605	0.000	1	1	1	1
PL.19098	PL.10892	C	4ACSR	7.30Y	121.7	0.01	4.27	1.64	1	11	5	91	0.00	0.0	3.698	0.093	0	0	0	3
PL.19099	PL.19098	C	4ACSR	7.30Y	121.7	0.00	4.27	0.79	1	5	2	93	0.00	0.0	3.790	0.092	0	0	0	2
0699019	PL.19099	C	Consumer	7.30Y	121.7	0.00	4.27	0.01	0	0	0	100	0.00	0.0	3.790	0.000	0	0	1	1
069914	PL.19099	C	Consumer	7.30Y	121.7	0.00	4.27	0.78	0	5	2	93	0.00	0.0	3.790	0.000	5	2	1	1
069912	PL.19098	C	Consumer	7.30Y	121.7	0.00	4.27	0.85	0	6	3	89	0.00	0.0	3.698	0.000	6	3	1	1
069901	PL.40486	C	Consumer	7.31Y	121.8	0.00	4.24	0.00	0	0	0	100	0.00	0.0	3.432	0.000	0	0	0	0
PL.40487	PL.40485	C	4ACSR	7.31Y	121.8	0.00	4.23	1.21	1	8	4	89	0.00	0.0	3.365	0.005	0	0	0	1
PD.7191	PL.40487	C	fuse6AMP	7.31Y	121.8	0.00	4.23	1.21	21	8	4	89	0.00	0.0	3.365	0.000	0	0	0	1
PL.40488	PD.7191	C	4ACSR	7.31Y	121.8	0.00	4.24	1.21	1	8	4	89	0.00	0.0	3.411	0.047	0	0	0	1
069908	PL.40488	C	Consumer	7.31Y	121.8	0.00	4.24	1.21	0	8	4	89	0.00	0.0	3.411	0.000	8	4	1	1
PL.40471	PL.10889	C	4ACSR	7.31Y	121.8	0.00	4.20	1.13	1	7	4	87	0.00	0.0	3.231	0.008	0	0	0	2
PD.7188	PL.40471	C	fuse6AMP	7.31Y	121.8	0.00	4.20	1.13	19	7	4	87	0.00	0.0	3.231	0.000	0	0	0	2
PL.40478	PD.7188	C	4ACSR	7.31Y	121.8	0.00	4.20	1.13	1	7	4	87	0.00	0.0	3.235	0.004	0	0	0	2
PL.40477	PL.40478	C	4ACSR	7.31Y	121.8	0.00	4.20	0.87	1	6	3	89	0.00	0.0	3.270	0.035	0	0	0	1
PL.5118	PL.40477	C	4ACSR	7.31Y	121.8	0.00	4.20	0.87	1	6	3	89	0.00	0.0	3.270	0.000	0	0	0	1
120922	PL.5118	C	Consumer	7.31Y	121.8	0.00	4.20	0.00	0	0	0	100	0.00	0.0	3.270	0.000	0	0	0	0
120910	PL.5118	C	Consumer	7.31Y	121.8	0.00	4.20	0.87	0	6	3	89	0.00	0.0	3.270	0.000	6	3	1	1
PL.40479	PL.40478	C	4ACSR	7.31Y	121.8	0.00	4.21	0.27	0	2	1	89	0.00	0.0	3.411	0.176	0	0	0	1
120911	PL.40479	C	Consumer	7.31Y	121.8	0.00	4.21	0.27	0	2	1	89	0.00	0.0	3.411	0.000	2	1	1	1
120919	PL.10889	C	Consumer	7.31Y	121.8	0.00	4.20	0.00	0	0	0	100	0.00	0.0	3.223	0.000	0	0	0	0
120918	PL.5116	C	Consumer	7.31Y	121.8	0.00	4.18	0.00	0	0	0	100	0.00	0.0	3.129	0.000	0	0	0	0
PL.40466	PL.10888	C	4ACSR	7.32Y	122.0	0.00	3.99	0.63	1	4	2	89	0.00	0.0	2.732	0.002	0	0	0	2
PD.7187	PL.40466	C	fuse6AMP	7.32Y	122.0	0.00	3.99	0.63	11	4	2	89	0.00	0.0	2.732	0.000	0	0	0	2
PL.40469	PD.7187	C	4ACSR	7.32Y	122.0	0.00	3.99	0.63	1	4	2	89	0.00	0.0	2.736	0.004	0	0	0	2
PL.40470	PL.40469	C	4ACSR	7.32Y	122.0	0.00	3.99	0.62	1	4	2	89	0.00	0.0	2.824	0.088	0	0	0	1
120914	PL.40470	C	Consumer	7.32Y	122.0	0.00	3.99	0.62	0	4	2	89	0.00	0.0	2.824	0.000	4	2	1	1
PL.40468	PL.40469	C	4ACSR	7.32Y	122.0	0.00	3.99	0.01	0	0	0	100	0.00	0.0	2.798	0.062	0	0	0	1
120909	PL.40468	C	Consumer	7.32Y	122.0	0.00	3.99	0.01	0	0	0	100	0.00	0.0	2.798	0.000	0	0	1	1
PL.40462	PL.10884	C	4ACSR	7.33Y	122.1	0.00	3.86	0.66	1	4	2	89	0.00	0.0	2.573	0.005	0	0	0	1
PL.40463	PL.40462	C	4ACSR	7.33Y	122.1	0.00	3.86	0.66	1	4	2	89	0.00	0.0	2.651	0.078	0	0	0	1
120804	PL.40463	C	Consumer	7.33Y	122.1	0.00	3.86	0.66	0	4	2	89	0.00	0.0	2.651	0.000	4	2	1	1
PL.40458	PL.365	C	4ACSR	7.34Y	122.3	0.00	3.69	1.26	1	8	4	89	0.00	0.0	2.376	0.004	0	0	0	1
PD.7183	PL.40458	C	fuse6AMP	7.34Y	122.3	0.00	3.69	1.26	21	8	4	89	0.00	0.0	2.376	0.000	0	0	0	1
PL.40459	PD.7183	C	4ACSR	7.34Y	122.3	0.00	3.69	1.26	1	8	4	89	0.00	0.0	2.439	0.063	0	0	0	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
120817	PL.40459	C	Consumer	7.34Y	122.3	0.00	3.69	1.26	0	8	4	89	0.00	0.0	2.439	0.000	8	4	1	1
069836	PL.10879	C	Consumer	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	2.119	0.000	0	0	1	1
PL.40454	PL.10879	C	4ACSR	7.35Y	122.6	0.00	3.43	1.20	1	8	4	89	0.00	0.0	2.125	0.006	0	0	0	2
PD.7181	PL.40454	C	fuse6AMP	7.35Y	122.6	0.00	3.43	1.20	20	8	4	89	0.00	0.0	2.125	0.000	0	0	0	2
PL.40455	PD.7181	C	4ACSR	7.35Y	122.6	0.00	3.43	1.20	1	8	4	89	0.00	0.0	2.199	0.074	0	0	0	2
069826	PL.40455	C	Consumer	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	2.199	0.000	0	0	0	0
069827	PL.40455	C	Consumer	7.35Y	122.6	0.00	3.43	0.91	0	6	3	89	0.00	0.0	2.199	0.000	6	3	1	1
PL.25198	PL.40455	C	4ACSR	7.35Y	122.6	0.00	3.43	0.29	0	2	1	89	0.00	0.0	2.231	0.032	0	0	0	1
069825	PL.25198	C	Consumer	7.35Y	122.6	0.00	3.43	0.29	0	2	1	89	0.00	0.0	2.231	0.000	2	1	1	1
PL.7986	PL.25198	C	4ACSR	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	2.238	0.007	0	0	0	0
PL.20569	PL.10878	C	4ACSR	7.36Y	122.7	0.01	3.28	12.27	10	81	39	90	0.00	0.0	1.989	0.013	0	0	0	22
PD.3609	PL.20569	C	70L	7.36Y	122.7	0.00	3.28	12.27	18	81	39	90	0.00	0.0	1.989	0.000	0	0	0	22
PL.20570	PD.3609	C	4ACSR	7.36Y	122.7	0.02	3.30	12.27	10	81	39	90	0.01	0.0	2.029	0.040	0	0	0	22
069852	PL.20570	C	Consumer	7.36Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	2.029	0.000	0	0	0	0
PL.8018	PL.20570	C	4ACSR	7.36Y	122.7	0.03	3.33	12.27	10	81	39	90	0.02	0.0	2.075	0.046	0	0	0	22
PL.11174	PL.8018	C	4ACSR	7.36Y	122.6	0.05	3.38	11.68	10	78	37	90	0.03	0.0	2.171	0.097	0	0	0	21
PL.42306	PL.11174	C	2ACSR	7.36Y	122.6	0.00	3.38	1.07	1	7	3	92	0.00	0.0	2.215	0.044	0	0	0	1
0698053	PL.42306	C	Consumer	7.36Y	122.6	0.00	3.38	1.07	0	7	3	92	0.00	0.0	2.215	0.000	7	3	1	1
PL.11175	PL.11174	C	4ACSR	7.36Y	122.6	0.01	3.39	7.31	6	49	23	91	0.00	0.0	2.199	0.028	0	0	0	16
PL.11176	PL.11175	C	4ACSR	7.35Y	122.6	0.06	3.45	7.31	6	48	23	90	0.02	0.0	2.373	0.174	0	0	0	16
069831	PL.11176	C	Consumer	7.35Y	122.6	0.00	3.45	0.49	0	3	2	83	0.00	0.0	2.373	0.000	3	2	1	1
PD.7173-A	PL.11176	C	Closed	7.35Y	122.6	0.00	3.45	0.10	0	1	0	100	0.00	0.0	2.373	0.000	0	0	0	1
PD.7173-B	PD.7173-A	C	Closed	7.35Y	122.6	0.00	3.45	0.10	0	1	0	100	0.00	0.0	2.373	0.000	0	0	0	1
069838	PD.7173-B	C	Consumer	7.35Y	122.6	0.00	3.45	0.10	0	1	0	100	0.00	0.0	2.373	0.000	1	0	1	1
069824	PL.11176	C	Consumer	7.35Y	122.6	0.00	3.45	0.47	0	3	1	95	0.00	0.0	2.373	0.000	3	1	1	1
PL.40744	PL.11176	C	4ACSR	7.35Y	122.6	0.00	3.45	0.73	1	5	2	93	0.00	0.0	2.382	0.009	0	0	0	1
PD.7172	PL.40744	C	fuse6AMP	7.35Y	122.6	0.00	3.45	0.73	12	5	2	93	0.00	0.0	2.382	0.000	0	0	0	1
PL.40745	PD.7172	C	4ACSR	7.35Y	122.5	0.00	3.45	0.73	1	5	2	93	0.00	0.0	2.445	0.063	0	0	0	1
069840	PL.40745	C	Consumer	7.35Y	122.5	0.00	3.45	0.73	0	5	2	93	0.00	0.0	2.445	0.000	5	2	1	1
PL.7991	PL.11176	C	4ACSR	7.35Y	122.5	0.04	3.49	5.52	5	37	18	90	0.01	0.0	2.542	0.169	0	0	0	12
PL.11177	PL.7991	C	4ACSR	7.35Y	122.5	0.02	3.51	5.52	5	37	18	90	0.00	0.0	2.607	0.065	0	0	0	11
PL.11178	PL.11177	C	4ACSR	7.35Y	122.5	0.02	3.53	4.86	4	32	15	91	0.00	0.0	2.677	0.070	0	0	0	10
068829	PL.11178	C	Consumer	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	2.677	0.000	0	0	1	1
PL.8016	PL.11178	C	4ACSR	7.35Y	122.5	0.01	3.53	4.48	4	30	14	91	0.00	0.0	2.711	0.034	0	0	0	8
PL.8017	PL.8016	C	4ACSR	7.35Y	122.5	0.01	3.54	3.73	3	25	12	90	0.00	0.0	2.770	0.060	0	0	0	7
PL.11179	PL.8017	C	4ACSR	7.35Y	122.4	0.01	3.56	3.27	3	22	10	91	0.00	0.0	2.855	0.085	0	0	0	6
PL.11180	PL.11179	C	4ACSR	7.35Y	122.4	0.01	3.56	2.53	2	17	8	90	0.00	0.0	2.906	0.051	0	0	0	5
PL.40752	PL.11180	C	4ACSR	7.35Y	122.4	0.00	3.56	0.03	0	0	0	100	0.00	0.0	2.918	0.012	0	0	0	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.7177	PL.40752	C	fuse6AMP	7.35Y	122.4	0.00	3.56	0.03	0	0	0	100	0.00	0.0	2.918	0.000	0	0	0	1
PL.40753	PD.7177	C	4ACSR	7.35Y	122.4	0.00	3.56	0.03	0	0	0	100	0.00	0.0	2.950	0.032	0	0	0	1
068848	PL.40753	C	Consumer	7.35Y	122.4	0.00	3.56	0.03	0	0	0	100	0.00	0.0	2.950	0.000	0	0	1	1
068825	PL.11180	C	Consumer	7.35Y	122.4	0.00	3.56	0.45	0	3	1	95	0.00	0.0	2.906	0.000	3	1	1	1
PL.11181	PL.11180	C	4ACSR	7.35Y	122.4	0.01	3.57	2.06	2	14	7	89	0.00	0.0	2.991	0.086	0	0	0	3
PL.7992	PL.11181	C	4ACSR	7.35Y	122.4	0.00	3.57	0.76	1	5	2	93	0.00	0.0	3.063	0.071	0	0	0	1
068839	PL.7992	C	Consumer	7.35Y	122.4	0.00	3.57	0.76	0	5	2	93	0.00	0.0	3.063	0.000	5	2	1	1
068828	PL.11181	C	Consumer	7.35Y	122.4	0.00	3.57	0.46	0	3	1	95	0.00	0.0	2.991	0.000	3	1	1	1
068846	PL.11181	C	Consumer	7.35Y	122.4	0.00	3.57	0.84	0	6	3	89	0.00	0.0	2.991	0.000	6	3	1	1
PL.40750	PL.11179	C	4ACSR	7.35Y	122.4	0.00	3.56	0.74	1	5	2	93	0.00	0.0	2.862	0.007	0	0	0	1
PD.7176	PL.40750	C	fuse6AMP	7.35Y	122.4	0.00	3.56	0.74	13	5	2	93	0.00	0.0	2.862	0.000	0	0	0	1
PL.40751	PD.7176	C	4ACSR	7.35Y	122.4	0.00	3.56	0.74	1	5	2	93	0.00	0.0	2.905	0.043	0	0	0	1
068820	PL.40751	C	Consumer	7.35Y	122.4	0.00	3.56	0.74	0	5	2	93	0.00	0.0	2.905	0.000	5	2	1	1
068809	PL.8017	C	Consumer	7.35Y	122.5	0.00	3.54	0.46	0	3	1	95	0.00	0.0	2.770	0.000	3	1	1	1
068847	PL.8016	C	Consumer	7.35Y	122.5	0.00	3.53	0.75	0	5	2	93	0.00	0.0	2.711	0.000	5	2	1	1
PL.40748	PL.11178	C	4ACSR	7.35Y	122.5	0.00	3.53	0.37	0	2	1	89	0.00	0.0	2.684	0.007	0	0	0	1
PD.7175	PL.40748	C	fuse6AMP	7.35Y	122.5	0.00	3.53	0.37	6	2	1	89	0.00	0.0	2.684	0.000	0	0	0	1
PL.40749	PD.7175	C	4ACSR	7.35Y	122.5	0.00	3.53	0.37	0	2	1	89	0.00	0.0	2.742	0.058	0	0	0	1
068810	PL.40749	C	Consumer	7.35Y	122.5	0.00	3.53	0.37	0	2	1	89	0.00	0.0	2.742	0.000	2	1	1	1
PL.40746	PL.11177	C	4ACSR	7.35Y	122.5	0.00	3.51	0.67	1	4	2	89	0.00	0.0	2.616	0.009	0	0	0	1
PD.7174	PL.40746	C	fuse6AMP	7.35Y	122.5	0.00	3.51	0.67	11	4	2	89	0.00	0.0	2.616	0.000	0	0	0	1
PL.40747	PD.7174	C	4ACSR	7.35Y	122.5	0.00	3.51	0.67	1	4	2	89	0.00	0.0	2.729	0.113	0	0	0	1
068814	PL.40747	C	Consumer	7.35Y	122.5	0.00	3.51	0.67	0	4	2	89	0.00	0.0	2.729	0.000	4	2	1	1
068837	PL.7991	C	Consumer	7.35Y	122.5	0.00	3.49	0.00	0	0	0	100	0.00	0.0	2.542	0.000	0	0	1	1
PL.3916	PL.11176	C	4ACSR	7.35Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	2.384	0.010	0	0	0	0
069835	PL.11174	C	Consumer	7.36Y	122.6	0.00	3.38	1.66	0	11	5	91	0.00	0.0	2.171	0.000	11	5	1	1
069833	PL.11174	C	Consumer	7.36Y	122.6	0.00	3.38	0.35	0	2	1	89	0.00	0.0	2.171	0.000	2	1	1	1
069845	PL.11174	C	Consumer	7.36Y	122.6	0.00	3.38	0.03	0	0	0	100	0.00	0.0	2.171	0.000	0	0	1	1
PL.40742	PL.11174	C	4ACSR	7.36Y	122.6	0.00	3.38	1.27	1	8	4	89	0.00	0.0	2.182	0.010	0	0	0	1
PD.7171	PL.40742	C	fuse6AMP	7.36Y	122.6	0.00	3.38	1.27	22	8	4	89	0.00	0.0	2.182	0.000	0	0	0	1
PL.40743	PD.7171	C	4ACSR	7.36Y	122.6	0.00	3.39	1.27	1	8	4	89	0.00	0.0	2.261	0.080	0	0	0	1
PL.3910	PL.40743	C	4ACSR	7.36Y	122.6	0.00	3.39	1.27	1	8	4	89	0.00	0.0	2.331	0.070	0	0	0	1
069829	PL.3910	C	Consumer	7.36Y	122.6	0.00	3.39	1.27	0	8	4	89	0.00	0.0	2.331	0.000	8	4	1	1
069830	PL.8018	C	Consumer	7.36Y	122.7	0.00	3.33	0.59	0	4	2	89	0.00	0.0	2.075	0.000	4	2	1	1
PL.3911	PL.10878	C	4ACSR	7.36Y	122.7	0.00	3.27	0.83	1	6	3	89	0.00	0.0	1.989	0.013	0	0	0	2
069841	PL.3911	C	Consumer	7.36Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	1.989	0.000	0	0	0	0
069804	PL.3911	C	Consumer	7.36Y	122.7	0.00	3.27	0.19	0	1	1	71	0.00	0.0	1.989	0.000	1	1	1	1
069809	PL.3911	C	Consumer	7.36Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	1.989	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: TRAPP

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.40452, PD.7180, etc.

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.604	PL.17215	C	fuse6AMP	7.39Y	123.1	0.00	2.92	1.64	28	11	5	91	0.00	0.0	2.049	0.000	0	0	0	1
PL.17216	PD.604	C	4ACSR	7.38Y	123.1	0.00	2.92	1.64	1	11	5	91	0.00	0.0	2.087	0.037	0	0	0	1
120822	PL.17216	C	Consumer	7.38Y	123.1	0.00	2.92	1.64	0	11	5	91	0.00	0.0	2.087	0.000	11	5	1	1
PL.10677	PL.10676	A	1/0ACSR	7.48Y	124.6	0.02	1.37	41.65	21	281	135	90	0.07	0.0	2.063	0.026	0	0	0	62
		B		7.51Y	125.2	0.01	0.78	22.93	11	155	75	90					0	0	0	51
		C		7.38Y	123.1	0.01	2.93	25.00	12	166	80	90					0	0	0	44
PL.10678	PL.10677	A	1/0ACSR	7.47Y	124.6	0.07	1.44	41.65	21	281	135	90	0.19	0.0	2.140	0.077	0	0	0	62
		B		7.51Y	125.2	0.02	0.80	22.93	11	155	75	90					0	0	0	51
		C		7.38Y	123.0	0.04	2.97	24.02	12	160	77	90					0	0	0	43
PL.10679	PL.10678	A	1/0ACSR	7.47Y	124.5	0.11	1.55	41.65	21	281	135	90	0.29	0.0	2.256	0.116	0	0	0	62
		B		7.51Y	125.2	0.03	0.83	22.93	11	155	75	90					0	0	0	51
		C		7.38Y	123.0	0.05	3.02	22.49	11	150	72	90					0	0	0	41
PL.17221	PL.10679	A	4ACSR	7.47Y	124.5	0.00	1.55	0.84	1	6	3	89	0.00	0.0	2.276	0.020	0	0	0	1
PD.612	PL.17221	A	fuse6AMP	7.47Y	124.5	0.00	1.55	0.84	14	6	3	89	0.00	0.0	2.276	0.000	0	0	0	1
PL.17222	PD.612	A	4ACSR	7.47Y	124.4	0.00	1.55	0.84	1	6	3	89	0.00	0.0	2.353	0.077	0	0	0	1
120826	PL.17222	A	Consumer	7.47Y	124.4	0.00	1.55	0.84	0	6	3	89	0.00	0.0	2.353	0.000	6	3	1	1
PL.10680	PL.10679	A	1/0ACSR	7.46Y	124.4	0.08	1.63	40.81	20	275	132	90	0.20	0.0	2.342	0.086	0	0	0	61
		B		7.51Y	125.1	0.02	0.85	22.29	11	151	72	90					0	0	0	49
		C		7.38Y	122.9	0.04	3.06	22.49	11	150	72	90					0	0	0	41
PL.17223	PL.10680	A	4ACSR	7.46Y	124.4	0.00	1.63	3.19	3	21	10	90	0.00	0.0	2.366	0.024	0	0	0	4
PD.606	PL.17223	A	fuse6AMP	7.46Y	124.4	0.00	1.63	3.19	55	21	10	90	0.00	0.0	2.366	0.000	0	0	0	4
PL.17224	PD.606	A	4ACSR	7.46Y	124.4	0.01	1.65	3.19	3	21	10	90	0.00	0.0	2.462	0.095	0	0	0	4
PL.844	PL.17224	A	4ACSR	7.46Y	124.3	0.01	1.65	2.66	2	18	9	89	0.00	0.0	2.539	0.078	0	0	0	3
PL.845	PL.844	A	4ACSR	7.46Y	124.3	0.00	1.66	1.40	1	9	5	87	0.00	0.0	2.568	0.029	0	0	0	1
121803	PL.845	A	Consumer	7.46Y	124.3	0.00	1.66	1.40	0	9	5	87	0.00	0.0	2.568	0.000	9	5	1	1
PL.846	PL.844	A	4ACSR	7.46Y	124.3	0.01	1.66	1.25	1	8	4	89	0.00	0.0	2.698	0.159	0	0	0	2
1218038	PL.846	A	Consumer	7.46Y	124.3	0.00	1.66	0.11	0	1	0	100	0.00	0.0	2.698	0.000	1	0	1	1
121826	PL.846	A	Consumer	7.46Y	124.3	0.00	1.66	1.15	0	8	4	89	0.00	0.0	2.698	0.000	8	4	1	1
121802	PL.17224	A	Consumer	7.46Y	124.4	0.00	1.65	0.53	0	4	2	89	0.00	0.0	2.462	0.000	4	2	1	1
PL.5113	PL.10680	A	1/0ACSR	7.46Y	124.3	0.07	1.70	37.61	19	253	121	90	0.18	0.0	2.428	0.086	0	0	0	57
		B		7.51Y	125.1	0.02	0.88	21.05	10	143	68	90					0	0	0	48
		C		7.37Y	122.9	0.04	3.10	22.49	11	150	72	90					0	0	0	41
121804	PL.5113	B	Consumer	7.51Y	125.1	0.00	0.88	0.41	0	3	1	95	0.00	0.0	2.428	0.000	3	1	1	1
PL.10681	PL.5113	A	1/0ACSR	7.45Y	124.2	0.11	1.80	37.61	19	253	121	90	0.27	0.0	2.558	0.130	0	0	0	57
		B		7.51Y	125.1	0.03	0.91	20.65	10	140	67	90					0	0	0	47
		C		7.37Y	122.8	0.06	3.16	22.49	11	150	72	90					0	0	0	41
PL.27375	PL.10681	A	4ACSR	7.45Y	124.2	0.00	1.80	0.63	1	4	2	89	0.00	0.0	2.571	0.013	0	0	0	1
PD.613	PL.27375	A	fuse6AMP	7.45Y	124.2	0.00	1.80	0.63	11	4	2	89	0.00	0.0	2.571	0.000	0	0	0	1
PL.27376	PD.613	A	4ACSR	7.45Y	124.2	0.00	1.81	0.63	1	4	2	89	0.00	0.0	2.594	0.024	0	0	0	1
121830	PL.27376	A	Consumer	7.45Y	124.2	0.00	1.81	0.63	0	4	2	89	0.00	0.0	2.594	0.000	4	2	1	1
PL.10682	PL.10681	A	1/0ACSR	7.45Y	124.1	0.05	1.85	36.99	18	249	119	90	0.12	0.0	2.615	0.058	0	0	0	56
		B		7.50Y	125.1	0.01	0.92	20.65	10	140	67	90					0	0	0	47
		C		7.37Y	122.8	0.03	3.19	22.49	11	150	72	90					0	0	0	41
121805	PL.10682	B	Consumer	7.50Y	125.1	0.00	0.92	0.96	0	7	3	92	0.00	0.0	2.615	0.000	7	3	1	1
1218037	PL.10682	B	Consumer	7.50Y	125.1	0.00	0.92	0.25	0	2	1	89	0.00	0.0	2.615	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: TRAPP

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.27377, PD.607, PL.27378, etc.

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
122817	PL.18546	A	Consumer	7.37Y	122.9	0.00	3.15	0.38	0	2	1	89	0.00	0.0	3.671	0.000	2	1	1	1
PL.10924	PL.18546	A	4ACSR	7.37Y	122.8	0.10	3.25	14.56	12	97	46	90	0.07	0.1	3.817	0.147	0	0	0	23
PL.40510	PL.10924	A	4ACSR	7.37Y	122.8	0.00	3.25	1.11	1	7	4	87	0.00	0.0	3.824	0.007	0	0	0	1
PD.7200	PL.40510	A	fuse6AMP	7.37Y	122.8	0.00	3.25	1.11	19	7	4	87	0.00	0.0	3.824	0.000	0	0	0	1
PL.40511	PD.7200	A	4ACSR	7.37Y	122.8	0.00	3.25	1.11	1	7	4	87	0.00	0.0	3.893	0.069	0	0	0	1
122834	PL.40511	A	Consumer	7.37Y	122.8	0.00	3.25	1.11	0	7	4	87	0.00	0.0	3.893	0.000	7	4	1	1
PL.10925	PL.10924	A	4ACSR	7.36Y	122.7	0.07	3.31	10.44	9	69	33	90	0.04	0.1	3.957	0.140	0	0	0	17
PL.40514	PL.10925	A	4ACSR	7.36Y	122.7	0.00	3.31	1.26	1	8	4	89	0.00	0.0	3.963	0.006	0	0	0	1
PD.7202	PL.40514	A	fuse6AMP	7.36Y	122.7	0.00	3.31	1.26	22	8	4	89	0.00	0.0	3.963	0.000	0	0	0	1
PL.40515	PD.7202	A	4ACSR	7.36Y	122.7	0.01	3.32	1.26	1	8	4	89	0.00	0.0	4.059	0.096	0	0	0	1
122821	PL.40515	A	Consumer	7.36Y	122.7	0.00	3.32	1.26	0	8	4	89	0.00	0.0	4.059	0.000	8	4	1	1
PL.10926	PL.10925	A	4ACSR	7.36Y	122.7	0.02	3.34	9.18	8	61	29	90	0.01	0.0	4.012	0.054	0	0	0	16
PL.10927	PL.10926	A	4ACSR	7.36Y	122.6	0.02	3.35	7.76	7	52	25	90	0.01	0.0	4.056	0.045	0	0	0	14
PL.10928	PL.10927	A	4ACSR	7.36Y	122.6	0.05	3.40	6.78	6	45	22	90	0.02	0.0	4.208	0.152	0	0	0	13
122806	PL.10928	A	Consumer	7.36Y	122.6	0.00	3.40	0.71	0	5	2	93	0.00	0.0	4.208	0.000	5	2	1	1
PL.10929	PL.10928	A	4ACSR	7.35Y	122.6	0.04	3.44	6.07	5	40	19	90	0.01	0.0	4.338	0.130	0	0	0	12
PL.10930	PL.10929	A	4ACSR	7.35Y	122.6	0.01	3.45	1.01	1	7	3	92	0.00	0.0	4.540	0.202	0	0	0	4
PL.10933	PL.10930	A	4ACSR	7.35Y	122.5	0.00	3.45	1.01	1	7	3	92	0.00	0.0	4.621	0.081	0	0	0	4
PL.40278	PL.10933	A	4ACSR	7.35Y	122.5	0.00	3.45	0.00	0	0	0	100	0.00	0.0	4.627	0.006	0	0	0	1
PD.7132	PL.40278	A	fuse6AMP	7.35Y	122.5	0.00	3.45	0.00	0	0	0	100	0.00	0.0	4.627	0.000	0	0	0	1
PL.40279	PD.7132	A	4ACSR	7.35Y	122.5	0.00	3.45	0.00	0	0	0	100	0.00	0.0	4.822	0.195	0	0	0	1
PL.834	PL.40279	A	4ACSR	7.35Y	122.5	0.00	3.45	0.00	0	0	0	100	0.00	0.0	4.891	0.069	0	0	0	1
122810	PL.834	A	Consumer	7.35Y	122.5	0.00	3.45	0.00	0	0	0	100	0.00	0.0	4.891	0.000	0	0	1	1
PL.10934	PL.10933	A	4ACSR	7.35Y	122.5	0.01	3.46	1.01	1	7	3	92	0.00	0.0	4.822	0.201	0	0	0	3
PL.40508	PL.10934	A	4ACSR	7.35Y	122.5	0.00	3.46	0.69	1	5	2	93	0.00	0.0	4.829	0.007	0	0	0	2
PD.7197	PL.40508	A	fuse6AMP	7.35Y	122.5	0.00	3.46	0.69	12	5	2	93	0.00	0.0	4.829	0.000	0	0	0	2
PL.40509	PD.7197	A	4ACSR	7.35Y	122.5	0.00	3.46	0.69	1	5	2	93	0.00	0.0	4.936	0.107	0	0	0	2
123807	PL.40509	A	Consumer	7.35Y	122.5	0.00	3.46	0.69	0	5	2	93	0.00	0.0	4.936	0.000	5	2	1	1
PL.19240	PL.40509	A	4ACSR	7.35Y	122.5	0.00	3.46	0.01	0	0	0	100	0.00	0.0	4.982	0.046	0	0	0	1
123808	PL.19240	A	Consumer	7.35Y	122.5	0.00	3.46	0.01	0	0	0	100	0.00	0.0	4.982	0.000	0	0	1	1
PL.10935	PL.10934	A	4ACSR	7.35Y	122.5	0.00	3.46	0.31	0	2	1	89	0.00	0.0	5.098	0.276	0	0	0	1
123802	PL.10935	A	Consumer	7.35Y	122.5	0.00	3.46	0.31	0	2	1	89	0.00	0.0	5.098	0.000	2	1	1	1
PL.40506	PL.10929	A	4ACSR	7.35Y	122.6	0.00	3.44	5.06	4	34	16	90	0.00	0.0	4.348	0.010	0	0	0	8
C PD.7196	PL.40506	A	fuse6AMP	7.35Y	122.6	0.00	3.44	5.06	86	34	16	90	0.00	0.0	4.348	0.000	0	0	0	8 C
PL.40507	PD.7196	A	4ACSR	7.35Y	122.5	0.01	3.45	5.06	4	34	16	90	0.00	0.0	4.410	0.061	0	0	0	8
PL.838	PL.40507	A	4ACSR	7.35Y	122.5	0.01	3.46	3.20	3	21	10	90	0.00	0.0	4.445	0.035	0	0	0	5
PL.839	PL.838	A	4ACSR	7.35Y	122.5	0.01	3.47	3.20	3	21	10	90	0.00	0.0	4.486	0.041	0	0	0	5
PL.38273	PL.839	A	4ACSR	7.35Y	122.5	0.01	3.48	3.20	3	21	10	90	0.00	0.0	4.582	0.096	0	0	0	5

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	
PL.38646	PL.38273	A	4ACSR	7.35Y	122.5	0.00	3.48	3.20	3	21	10	90	0.00	0.0	4.605	0.023	0	0	0	5	
122813	PL.38646	A	Consumer	7.35Y	122.5	0.00	3.48	1.38	0	9	4	91	0.00	0.0	4.605	0.000	9	4	1	1	
PL.38645	PL.38646	A	4ACSR	7.35Y	122.5	0.00	3.49	1.82	2	12	6	89	0.00	0.0	4.629	0.023	0	0	0	4	
PL.38272	PL.38645	A	4ACSR	7.35Y	122.5	0.01	3.49	1.82	2	12	6	89	0.00	0.0	4.698	0.069	0	0	0	4	
PL.880	PL.38272	A	4ACSR	7.35Y	122.5	0.00	3.49	1.03	1	7	3	92	0.00	0.0	4.783	0.085	0	0	0	1	
122836	PL.880	A	Consumer	7.35Y	122.5	0.00	3.49	1.03	0	7	3	92	0.00	0.0	4.783	0.000	7	3	1	1	
122825	PL.38272	A	Consumer	7.35Y	122.5	0.00	3.49	0.02	0	0	0	100	0.00	0.0	4.698	0.000	0	0	1	1	
122831	PL.38272	A	Consumer	7.35Y	122.5	0.00	3.49	0.13	0	1	0	100	0.00	0.0	4.698	0.000	1	0	1	1	
122814	PL.38272	A	Consumer	7.35Y	122.5	0.00	3.49	0.64	0	4	2	89	0.00	0.0	4.698	0.000	4	2	1	1	
122805	PL.40507	A	Consumer	7.35Y	122.5	0.00	3.45	0.26	0	2	1	89	0.00	0.0	4.410	0.000	2	1	1	1	
PL.5527	PL.40507	A	4ACSR	7.35Y	122.5	0.01	3.46	1.61	1	11	5	91	0.00	0.0	4.506	0.096	0	0	0	2	
PL.10931	PL.5527	A	4ACSR	7.35Y	122.5	0.00	3.46	1.61	1	11	5	91	0.00	0.0	4.554	0.048	0	0	0	2	
PL.867	PL.10931	A	4ACSR	7.35Y	122.5	0.00	3.47	0.81	1	5	3	86	0.00	0.0	4.646	0.092	0	0	0	1	
122830	PL.867	A	Consumer	7.35Y	122.5	0.00	3.47	0.81	0	5	3	86	0.00	0.0	4.646	0.000	5	3	1	1	
PL.10932	PL.10931	A	4ACSR	7.35Y	122.5	0.00	3.47	0.79	1	5	3	86	0.00	0.0	4.648	0.094	0	0	0	1	
PL.337	PL.10932	A	4ACSR	7.35Y	122.5	0.00	3.47	0.79	1	5	3	86	0.00	0.0	4.668	0.020	0	0	0	1	
123806	PL.337	A	Consumer	7.35Y	122.5	0.00	3.47	0.79	0	5	3	86	0.00	0.0	4.668	0.000	5	3	1	1	
122827	PL.5527	A	Consumer	7.35Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	4.506	0.000	0	0	0	0	
PL.40518	PL.10927	A	4ACSR	7.36Y	122.6	0.00	3.35	0.98	1	6	3	89	0.00	0.0	4.063	0.006	0	0	0	1	
PD.7204	PL.40518	A	fuse6AMP	7.36Y	122.6	0.00	3.35	0.98	17	6	3	89	0.00	0.0	4.063	0.000	0	0	0	1	
PL.40519	PD.7204	A	4ACSR	7.36Y	122.6	0.00	3.36	0.98	1	6	3	89	0.00	0.0	4.168	0.105	0	0	0	1	
122819	PL.40519	A	Consumer	7.36Y	122.6	0.00	3.36	0.98	0	6	3	89	0.00	0.0	4.168	0.000	6	3	1	1	
PL.40516	PL.10926	A	4ACSR	7.36Y	122.7	0.00	3.34	1.42	1	9	5	87	0.00	0.0	4.018	0.006	0	0	0	2	
PD.7203	PL.40516	A	fuse6AMP	7.36Y	122.7	0.00	3.34	1.42	24	9	5	87	0.00	0.0	4.018	0.000	0	0	0	2	
PL.40517	PD.7203	A	4ACSR	7.36Y	122.7	0.01	3.34	1.42	1	9	5	87	0.00	0.0	4.130	0.112	0	0	0	2	
122820	PL.40517	A	Consumer	7.36Y	122.7	0.00	3.34	0.89	0	6	3	89	0.00	0.0	4.130	0.000	6	3	1	1	
PL.30781	PL.40517	A	4ACSR	7.36Y	122.7	0.00	3.35	0.53	0	4	2	89	0.00	0.0	4.200	0.070	0	0	0	1	
1228038	PL.30781	A	Consumer	7.36Y	122.7	0.00	3.35	0.53	0	4	2	89	0.00	0.0	4.200	0.000	4	2	1	1	
PL.40512	PL.10924	A	4ACSR	7.37Y	122.8	0.00	3.25	3.01	3	20	10	89	0.00	0.0	3.825	0.008	0	0	0	5	
PD.7201	PL.40512	A	fuse6AMP	7.37Y	122.8	0.00	3.25	3.01	51	20	10	89	0.00	0.0	3.825	0.000	0	0	0	5	
PL.40513	PD.7201	A	4ACSR	7.36Y	122.7	0.01	3.25	3.01	3	20	10	89	0.00	0.0	3.863	0.037	0	0	0	5	
122828	PL.40513	A	Consumer	7.36Y	122.7	0.00	3.25	0.44	0	3	1	95	0.00	0.0	3.863	0.000	3	1	1	1	
PL.866	PL.40513	A	4ACSR	7.36Y	122.7	0.01	3.26	2.56	2	17	8	90	0.00	0.0	3.920	0.057	0	0	0	4	
PL.868	PL.866	A	4ACSR	7.36Y	122.7	0.01	3.26	1.68	1	11	5	91	0.00	0.0	3.988	0.068	0	0	0	2	
PL.870	PL.868	A	4ACSR	7.36Y	122.7	0.01	3.27	1.68	1	11	5	91	0.00	0.0	4.053	0.066	0	0	0	2	
122833	PL.870	A	Consumer	7.36Y	122.7	0.00	3.27	1.08	0	7	3	92	0.00	0.0	4.053	0.000	7	3	1	1	
PL.30780	PL.870	A	4ACSR	7.36Y	122.7	0.00	3.27	0.60	1	4	2	89	0.00	0.0	4.104	0.051	0	0	0	1	
1228037	PL.30780	A	Consumer	7.36Y	122.7	0.00	3.27	0.60	0	4	2	89	0.00	0.0	4.104	0.000	4	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:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element 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
122829	PL.866	A	Consumer	7.36Y	122.7	0.00	3.26	0.88	0	6	3	89	0.00	0.0	3.920	0.000	6	3	1	1
PL.40966	PL.866	A	2ACSR	7.36Y	122.7	-0.00	3.26	0.00	0	0	0	100	0.00	0.0	3.986	0.066	0	0	0	1
1228041	PL.40966	A	Consumer	7.36Y	122.7	0.00	3.26	0.00	0	0	0	100	0.00	0.0	3.986	0.000	0	0	1	1
PL.843	PL.5110	A	4ACSR	7.37Y	122.9	0.01	3.13	2.10	2	14	6	92	0.00	0.0	3.762	0.128	0	0	0	4
121801	PL.843	A	Consumer	7.37Y	122.9	0.00	3.13	0.58	0	4	2	89	0.00	0.0	3.762	0.000	4	2	1	1
PL.10936	PL.843	A	4ACSR	7.37Y	122.9	0.00	3.14	1.51	1	10	4	93	0.00	0.0	3.801	0.038	0	0	0	3
PL.10937	PL.10936	A	4ACSR	7.37Y	122.9	0.00	3.14	0.15	0	1	0	100	0.00	0.0	3.831	0.030	0	0	0	1
121815	PL.10937	A	Consumer	7.37Y	122.9	0.00	3.14	0.15	0	1	0	100	0.00	0.0	3.831	0.000	1	0	1	1
121823	PL.10937	A	Consumer	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	3.831	0.000	0	0	0	0
PL.42160	PL.10936	A	4ACSR	7.37Y	122.9	0.00	3.14	1.36	1	9	4	91	0.00	0.0	3.859	0.059	0	0	0	2
PL.42161	PL.42160	A	4ACSR	7.37Y	122.9	0.00	3.14	0.75	1	5	2	93	0.00	0.0	3.919	0.060	0	0	0	1
1218042	PL.42161	A	Consumer	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	3.919	0.000	0	0	0	0
121833	PL.42161	A	Consumer	7.37Y	122.9	0.00	3.14	0.77	0	5	2	93	0.00	0.0	3.919	0.000	5	2	1	1
PL.45295	PL.42161	A	2ACSR	7.37Y	122.9	-0.00	3.14	-0.06	0	0	0	100	0.00	0.0	3.983	0.064	0	0	0	0
1218044	PL.45295	A	Consumer	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	3.983	0.000	0	0	0	0
PL.45296	PL.45295	A	2ACSR	7.37Y	122.9	-0.00	3.14	-0.06	0	0	0	100	0.00	0.0	4.113	0.130	0	0	0	0
PL.44717	PL.45296	A	1/0EPRJCN	7.37Y	122.9	-0.00	3.14	-0.06	0	0	0	100	0.00	0.0	4.213	0.099	0	0	0	0
1218043	PL.44717	A	Consumer	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	4.213	0.000	0	0	0	0
121807	PL.42160	A	Consumer	7.37Y	122.9	0.00	3.14	0.62	0	4	2	89	0.00	0.0	3.859	0.000	4	2	1	1
1218041	PL.42160	A	Consumer	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	3.859	0.000	0	0	0	0
PL.18547	PL.5110	A	4ACSR	7.37Y	122.8	0.05	3.18	15.24	13	101	49	90	0.04	0.0	3.712	0.078	0	0	0	21
PD.3309	PL.18547	A	25L	7.37Y	122.8	0.00	3.18	15.24	61	101	48	90	0.00	0.0	3.712	0.000	0	0	0	21
PL.18548	PD.3309	A	4ACSR	7.37Y	122.8	0.06	3.24	15.24	13	101	48	90	0.05	0.0	3.801	0.089	0	0	0	21
122803	PL.18548	A	Consumer	7.37Y	122.8	0.00	3.24	0.26	0	2	1	89	0.00	0.0	3.801	0.000	2	1	1	1
PL.5109	PL.18548	A	4ACSR	7.36Y	122.7	0.06	3.30	14.98	13	99	48	90	0.05	0.0	3.892	0.092	0	0	0	20
122802	PL.5109	A	Consumer	7.36Y	122.7	0.00	3.30	1.92	0	13	6	91	0.00	0.0	3.892	0.000	13	6	1	1
PL.30798	PL.5109	A	4ACSR	7.36Y	122.7	0.03	3.34	13.06	11	87	42	90	0.02	0.0	3.949	0.056	0	0	0	19
PL.19610	PL.30798	A	4ACSR	7.36Y	122.6	0.03	3.37	13.06	11	87	41	90	0.02	0.0	4.004	0.055	0	0	0	19
122710	PL.19610	A	Consumer	7.36Y	122.6	0.00	3.37	0.25	0	2	1	89	0.00	0.0	4.004	0.000	2	1	1	1
PL.5531	PL.19610	A	4ACSR	7.35Y	122.6	0.05	3.42	12.80	11	85	41	90	0.03	0.0	4.092	0.088	0	0	0	18
PL.10938	PL.5531	A	4ACSR	7.35Y	122.5	0.03	3.45	11.72	10	78	37	90	0.02	0.0	4.147	0.055	0	0	0	17
PL.10939	PL.10938	A	4ACSR	7.35Y	122.5	0.05	3.50	11.42	10	76	36	90	0.03	0.0	4.234	0.087	0	0	0	16
PL.40542	PL.10939	A	4ACSR	7.35Y	122.5	0.00	3.50	0.70	1	5	2	93	0.00	0.0	4.239	0.005	0	0	0	1
PD.7217	PL.40542	A	fuse6AMP	7.35Y	122.5	0.00	3.50	0.70	12	5	2	93	0.00	0.0	4.239	0.000	0	0	0	1
PL.40543	PD.7217	A	4ACSR	7.35Y	122.5	0.00	3.50	0.70	1	5	2	93	0.00	0.0	4.334	0.095	0	0	0	1
122720	PL.40543	A	Consumer	7.35Y	122.5	0.00	3.50	0.70	0	5	2	93	0.00	0.0	4.334	0.000	5	2	1	1
PL.10940	PL.10939	A	4ACSR	7.35Y	122.5	0.02	3.52	10.72	9	71	34	90	0.01	0.0	4.267	0.033	0	0	0	15
PL.10941	PL.10940	A	4ACSR	7.35Y	122.5	0.02	3.53	10.72	9	71	34	90	0.01	0.0	4.301	0.034	0	0	0	15

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.27404	PL.10941	A	4ACSR	7.35Y	122.5	0.01	3.54	10.05	8	67	32	90	0.00	0.0	4.315	0.014	0	0	0	14
PD.75-A	PL.27404	A	Closed	7.35Y	122.5	0.00	3.54	10.05	0	67	32	90	0.00	0.0	4.315	0.000	0	0	0	14
PD.75-B	PD.75-A	A	Closed	7.35Y	122.5	0.00	3.54	10.05	0	67	32	90	0.00	0.0	4.315	0.000	0	0	0	14
PL.27405	PD.75-B	A	4ACSR	7.34Y	122.4	0.08	3.62	10.05	8	67	32	90	0.04	0.1	4.488	0.174	0	0	0	14
PL.30799	PL.27405	A	4ACSR	7.34Y	122.4	0.02	3.64	8.95	8	59	28	90	0.01	0.0	4.535	0.047	0	0	0	13
122724	PL.30799	A	Consumer	7.34Y	122.4	0.00	3.64	0.02	0	0	0	100	0.00	0.0	4.535	0.000	0	0	1	1
PL.40556	PL.30799	A	4ACSR	7.34Y	122.3	0.02	3.66	8.93	8	59	28	90	0.01	0.0	4.580	0.045	0	0	0	12
PL.40569	PL.40556	A	4ACSR	7.34Y	122.3	0.00	3.66	0.70	1	5	2	93	0.00	0.0	4.584	0.004	0	0	0	2
PD.7222	PL.40569	A	fuse6AMP	7.34Y	122.3	0.00	3.66	0.70	12	5	2	93	0.00	0.0	4.584	0.000	0	0	0	2
PL.40570	PD.7222	A	4ACSR	7.34Y	122.3	0.00	3.66	0.70	1	5	2	93	0.00	0.0	4.615	0.032	0	0	0	2
PL.19285	PL.40570	A	4ACSR	7.34Y	122.3	0.00	3.66	0.02	0	0	0	100	0.00	0.0	4.680	0.064	0	0	0	1
122722	PL.19285	A	Consumer	7.34Y	122.3	0.00	3.66	0.02	0	0	0	100	0.00	0.0	4.680	0.000	0	0	1	1
122711	PL.40570	A	Consumer	7.34Y	122.3	0.00	3.66	0.68	0	4	2	89	0.00	0.0	4.615	0.000	4	2	1	1
PL.40567	PL.40556	A	2ACSR	7.34Y	122.3	0.04	3.70	8.23	5	54	26	90	0.02	0.0	4.731	0.152	0	0	0	10
PL.40568	PL.40567	A	2ACSR	7.34Y	122.3	0.04	3.74	7.44	5	49	24	90	0.01	0.0	4.898	0.167	0	0	0	9
PL.40565	PL.40568	A	2ACSR	7.34Y	122.3	0.00	3.75	7.44	5	49	24	90	0.00	0.0	4.917	0.019	0	0	0	9
PL.40564	PL.40565	A	2ACSR	7.33Y	122.2	0.01	3.76	6.28	4	42	20	90	0.00	0.0	4.963	0.046	0	0	0	8
PL.10944	PL.40564	A	4ACSR	7.33Y	122.2	0.02	3.77	6.28	5	42	20	90	0.01	0.0	5.017	0.054	0	0	0	8
PL.5530	PL.10944	A	4ACSR	7.33Y	122.2	0.01	3.78	1.30	1	9	4	91	0.00	0.0	5.130	0.113	0	0	0	2
PL.27709	PL.5530	A	4ACSR	7.33Y	122.2	0.00	3.78	0.00	0	0	0	100	0.00	0.0	5.138	0.008	0	0	0	1
PD.584	PL.27709	A	fuse6AMP	7.33Y	122.2	0.00	3.78	0.00	0	0	0	100	0.00	0.0	5.138	0.000	0	0	0	1
PL.27710	PD.584	A	4ACSR	7.33Y	122.2	0.00	3.78	0.00	0	0	0	100	0.00	0.0	5.256	0.118	0	0	0	1
PL.814	PL.27710	A	4ACSR	7.33Y	122.2	0.00	3.78	0.00	0	0	0	100	0.00	0.0	5.316	0.060	0	0	0	1
122705	PL.814	A	Consumer	7.33Y	122.2	0.00	3.78	0.00	0	0	0	100	0.00	0.0	5.316	0.000	0	0	1	1
122725	PL.5530	A	Consumer	7.33Y	122.2	0.00	3.78	1.30	0	9	4	91	0.00	0.0	5.130	0.000	9	4	1	1
PL.40546	PL.10944	A	4ACSR	7.33Y	122.2	0.00	3.77	4.98	4	33	16	90	0.00	0.0	5.027	0.010	0	0	0	6
PL.40547	PL.40546	A	4ACSR	7.33Y	122.2	0.03	3.80	4.98	4	33	16	90	0.01	0.0	5.145	0.117	0	0	0	6
PL.5095	PL.40547	A	4ACSR	7.33Y	122.2	0.04	3.84	2.49	2	16	8	89	0.00	0.0	5.465	0.321	0	0	0	4
PL.5096	PL.5095	A	4ACSR	7.33Y	122.1	0.01	3.85	1.70	1	11	5	91	0.00	0.0	5.633	0.168	0	0	0	3
121705	PL.5096	A	Consumer	7.33Y	122.1	0.00	3.85	0.79	0	5	2	93	0.00	0.0	5.633	0.000	5	2	1	1
PL.5523	PL.5096	A	4ACSR	7.33Y	122.1	0.00	3.85	0.91	1	6	3	89	0.00	0.0	5.660	0.027	0	0	0	2
PL.5524	PL.5523	A	4ACSR	7.33Y	122.1	0.00	3.86	0.91	1	6	3	89	0.00	0.0	5.721	0.061	0	0	0	1
121710	PL.5524	A	Consumer	7.33Y	122.1	0.00	3.86	0.91	0	6	3	89	0.00	0.0	5.721	0.000	6	3	1	1
121709	PL.5523	A	Consumer	7.33Y	122.1	0.00	3.85	0.00	0	0	0	100	0.00	0.0	5.660	0.000	0	0	1	1
121708	PL.5095	A	Consumer	7.33Y	122.2	0.00	3.84	0.79	0	5	2	93	0.00	0.0	5.465	0.000	5	2	1	1
122702	PL.40547	A	Consumer	7.33Y	122.2	0.00	3.80	2.04	0	14	6	92	0.00	0.0	5.145	0.000	13	6	1	1
122726	PL.40547	A	Consumer	7.33Y	122.2	0.00	3.80	0.45	0	3	1	95	0.00	0.0	5.145	0.000	3	1	1	1
122716	PL.40565	A	Consumer	7.34Y	122.3	0.00	3.75	1.16	0	8	4	89	0.00	0.0	4.917	0.000	8	4	1	1

Unbalanced Voltage Drop Report
Source: TRAPP

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
PL.40563	PL.40568	A	2ACSR	7.34Y	122.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	4.912	0.014	0	0	0	0
PL.40571	PL.40567	A	2ACSR	7.34Y	122.3	0.00	3.70	0.78	1	5	2	93	0.00	0.0	4.736	0.004	0	0	0	1
PD.7223	PL.40571	A	fuse6AMP	7.34Y	122.3	0.00	3.70	0.78	13	5	2	93	0.00	0.0	4.736	0.000	0	0	0	1
PL.40572	PD.7223	A	2ACSR	7.34Y	122.3	0.00	3.70	0.78	1	5	2	93	0.00	0.0	4.819	0.083	0	0	0	1
122706	PL.40572	A	Consumer	7.34Y	122.3	0.00	3.70	0.78	0	5	2	93	0.00	0.0	4.819	0.000	5	2	1	1
122718	PL.27405	A	Consumer	7.34Y	122.4	0.00	3.62	1.10	0	7	3	92	0.00	0.0	4.488	0.000	7	3	1	1
122717	PL.27405	A	Consumer	7.34Y	122.4	0.00	3.62	0.00	0	0	0	100	0.00	0.0	4.488	0.000	0	0	0	0
122708	PL.10941	A	Consumer	7.35Y	122.5	0.00	3.53	0.67	0	4	2	89	0.00	0.0	4.301	0.000	4	2	1	1
122728	PL.10938	A	Consumer	7.35Y	122.5	0.00	3.45	0.30	0	2	1	89	0.00	0.0	4.147	0.000	2	1	1	1
122713	PL.5531	A	Consumer	7.35Y	122.6	0.00	3.42	1.08	0	7	3	92	0.00	0.0	4.092	0.000	7	3	1	1
PL.813	PL.19610	A	4ACSR	7.36Y	122.6	0.00	3.37	0.00	0	0	0	100	0.00	0.0	4.006	0.002	0	0	0	0
122811	PL.5123	A	Consumer	7.39Y	123.1	0.00	2.88	0.53	0	4	2	89	0.00	0.0	3.475	0.000	4	2	1	1
1218039	PL.41697	A	Consumer	7.40Y	123.4	0.00	2.63	0.96	0	6	3	89	0.00	0.0	3.319	0.000	6	3	1	1
121834	PL.41697	A	Consumer	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	3.319	0.000	0	0	1	1
1218040	PL.41696	A	Consumer	7.42Y	123.6	0.00	2.39	0.30	0	2	1	89	0.00	0.0	3.170	0.000	2	1	1	1
1218045	PL.41696	A	Consumer	7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0	3.170	0.000	0	0	0	0
PL.42	PL.28531	A	4ACSR	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.06	0.1	3.186	0.111	0	0	0	0
		B		7.49Y	124.9	0.08	1.09	15.58	13	105	50	90					0	0	0	38
		C		7.36Y	122.7	-0.02	3.30	0.26	0	2	1	90					0	0	0	1
PL.40528	PL.42	C	4ACSR	7.36Y	122.7	0.00	3.30	0.26	0	2	1	89	0.00	0.0	3.189	0.003	0	0	0	1
PD.7209	PL.40528	C	fuse6AMP	7.36Y	122.7	0.00	3.30	0.26	4	2	1	89	0.00	0.0	3.189	0.000	0	0	0	1
PL.40529	PD.7209	C	4ACSR	7.36Y	122.7	0.00	3.30	0.26	0	2	1	89	0.00	0.0	3.246	0.057	0	0	0	1
121814	PL.40529	C	Consumer	7.36Y	122.7	0.00	3.30	0.26	0	2	1	89	0.00	0.0	3.246	0.000	2	1	1	1
121817	PL.40529	C	Consumer	7.36Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	3.246	0.000	0	0	0	0
PL.45877	PL.40529	C	2ACSR	7.36Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	3.286	0.039	0	0	0	0
1218046	PL.45877	C	Consumer	7.36Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	3.286	0.000	0	0	0	0
PL.40530	PL.42	B	4ACSR	7.49Y	124.9	0.01	1.10	15.58	13	105	50	90	0.01	0.0	3.198	0.012	0	0	0	38
PD.7210-A	PL.40530	B	Closed	7.49Y	124.9	0.00	1.10	15.58	0	105	50	90	0.00	0.0	3.198	0.000	0	0	0	38
PD.7210-B	PD.7210-A	B	Closed	7.49Y	124.9	0.00	1.10	15.58	0	105	50	90	0.00	0.0	3.198	0.000	0	0	0	38
PL.40531	PD.7210-B	B	4ACSR	7.49Y	124.8	0.10	1.19	15.58	13	105	50	90	0.08	0.1	3.330	0.132	0	0	0	38
PL.43513	PL.40531	B	4ACSR	7.49Y	124.8	0.01	1.20	15.58	13	105	50	90	0.01	0.0	3.347	0.016	0	0	0	38
122807	PL.43513	B	Consumer	7.49Y	124.8	0.00	1.20	0.05	0	0	0	100	0.00	0.0	3.347	0.000	0	0	1	1
PL.43609	PL.43513	B	4ACSR	7.49Y	124.8	0.02	1.23	15.53	13	105	50	90	0.02	0.0	3.377	0.030	0	0	0	37
PL.43611	PL.43609	B	4ACSR	7.49Y	124.8	0.01	1.24	15.53	13	105	50	90	0.01	0.0	3.393	0.016	0	0	0	37
PL.43612	PL.43611	B	4ACSR	7.48Y	124.7	0.04	1.28	14.39	12	97	47	90	0.03	0.0	3.457	0.064	0	0	0	35
PL.10130	PL.43612	B	4ACSR	7.48Y	124.7	0.05	1.33	13.75	12	93	44	90	0.04	0.0	3.537	0.080	0	0	0	34
PL.27389	PL.10130	B	4ACSR	7.48Y	124.7	0.00	1.33	1.98	2	13	6	91	0.00	0.0	3.544	0.006	0	0	0	3
PD.616	PL.27389	B	fuse6AMP	7.48Y	124.7	0.00	1.33	1.98	34	13	6	91	0.00	0.0	3.544	0.000	0	0	0	3
PL.27390	PD.616	B	4ACSR	7.48Y	124.7	0.00	1.33	1.98	2	13	6	91	0.00	0.0	3.585	0.041	0	0	0	3

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	Length (mi)	KW		KVAR			
PL.519	PL.27390	B	4ACSR	7.48Y	124.7	0.00	1.34	1.00	1	7	3	92	0.00	0.0	3.633	0.048	0	0	0	1	
122816	PL.519	B	Consumer	7.48Y	124.7	0.00	1.34	1.00	0	7	3	92	0.00	0.0	3.633	0.000	7	3	1	1	
PL.520	PL.27390	B	4ACSR	7.48Y	124.7	0.01	1.34	0.98	1	7	3	92	0.00	0.0	3.736	0.151	0	0	0	2	
1229035	PL.520	B	Consumer	7.48Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	3.736	0.000	0	0	0	0	
122901	PL.520	B	Consumer	7.48Y	124.7	0.00	1.34	0.50	0	3	2	83	0.00	0.0	3.736	0.000	3	2	1	1	
PL.830	PL.520	B	4ACSR	7.48Y	124.7	0.00	1.34	0.48	0	3	2	83	0.00	0.0	3.866	0.130	0	0	0	1	
122914	PL.830	B	Consumer	7.48Y	124.7	0.00	1.34	0.48	0	3	2	83	0.00	0.0	3.866	0.000	3	2	1	1	
PL.831	PL.520	B	4ACSR	7.48Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	3.829	0.093	0	0	0	0	
PL.832	PL.831	B	4ACSR	7.48Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	3.960	0.131	0	0	0	0	
PL.833	PL.832	B	4ACSR	7.48Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	4.024	0.064	0	0	0	0	
PL.10610	PL.10130	B	4ACSR	7.48Y	124.6	0.05	1.38	10.75	9	73	35	90	0.03	0.0	3.639	0.102	0	0	0	29	
122835	PL.10610	B	Consumer	7.48Y	124.6	0.00	1.38	1.22	0	8	4	89	0.00	0.0	3.639	0.000	8	4	1	1	
PL.10612	PL.10610	B	4ACSR	7.47Y	124.6	0.07	1.45	9.53	8	64	31	90	0.03	0.1	3.792	0.153	0	0	0	28	
PL.10127	PL.10612	B	4ACSR	7.47Y	124.5	0.01	1.46	9.53	8	64	31	90	0.01	0.0	3.816	0.025	0	0	0	28	
122913	PL.10127	B	Consumer	7.47Y	124.5	0.00	1.46	0.59	0	4	2	89	0.00	0.0	3.816	0.000	4	2	1	1	
PL.27396	PL.10127	B	4ACSR	7.47Y	124.5	0.00	1.46	1.23	1	8	4	89	0.00	0.0	3.825	0.009	0	0	0	3	
PD.617	PL.27396	B	fuse6AMP	7.47Y	124.5	0.00	1.46	1.23	21	8	4	89	0.00	0.0	3.825	0.000	0	0	0	3	
PL.27397	PD.617	B	4ACSR	7.47Y	124.5	0.01	1.47	1.23	1	8	4	89	0.00	0.0	3.917	0.092	0	0	0	3	
PL.5121	PL.27397	B	4ACSR	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	3.970	0.053	0	0	0	1	
PL.5105	PL.5121	B	4ACSR	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	4.149	0.179	0	0	0	1	
122823	PL.5105	B	Consumer	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	4.149	0.000	0	0	1	1	
PL.873	PL.27397	B	4ACSR	7.47Y	124.5	0.00	1.47	0.49	0	3	2	83	0.00	0.0	3.984	0.066	0	0	0	1	
122903	PL.873	B	Consumer	7.47Y	124.5	0.00	1.47	0.49	0	3	2	83	0.00	0.0	3.984	0.000	3	2	1	1	
122933	PL.27397	B	Consumer	7.47Y	124.5	0.00	1.47	0.75	0	5	2	93	0.00	0.0	3.917	0.000	5	2	1	1	
PL.27393	PL.10127	B	4ACSR	7.47Y	124.5	0.00	1.46	7.70	6	52	25	90	0.00	0.0	3.825	0.009	0	0	0	24	
PL.27394	PL.27393	B	4ACSR	7.47Y	124.5	0.02	1.48	7.70	6	52	25	90	0.01	0.0	3.869	0.044	0	0	0	24	
PD.84-A	PL.27394	B	Closed	7.47Y	124.5	0.00	1.48	7.70	0	52	25	90	0.00	0.0	3.869	0.000	0	0	0	24	
PD.84-B	PD.84-A	B	Closed	7.47Y	124.5	0.00	1.48	7.70	0	52	25	90	0.00	0.0	3.869	0.000	0	0	0	24	
PL.27395	PD.84-B	B	4ACSR	7.47Y	124.5	0.02	1.50	7.70	6	52	25	90	0.01	0.0	3.921	0.052	0	0	0	24	
PL.27408	PL.27395	B	4ACSR	7.47Y	124.5	0.00	1.50	5.97	5	40	19	90	0.00	0.0	3.939	0.018	0	0	0	22	
C PD.618	PL.27408	B	fuse6AMP	7.47Y	124.5	0.00	1.50	5.97	102	40	19	90	0.00	0.0	3.939	0.000	0	0	0	22 C	
PL.27409	PD.618	B	4ACSR	7.46Y	124.4	0.13	1.63	5.97	5	40	19	90	0.04	0.1	4.398	0.459	0	0	0	22	
PL.40532	PL.27409	B	4ACSR	7.46Y	124.4	0.00	1.63	0.59	0	4	2	89	0.00	0.0	4.403	0.005	0	0	0	2	
PD.7211	PL.40532	B	fuse6AMP	7.46Y	124.4	0.00	1.63	0.59	10	4	2	89	0.00	0.0	4.403	0.000	0	0	0	2	
PL.40533	PD.7211	B	4ACSR	7.46Y	124.4	0.00	1.63	0.59	0	4	2	89	0.00	0.0	4.488	0.085	0	0	0	2	
122906	PL.40533	B	Consumer	7.46Y	124.4	0.00	1.63	0.31	0	2	1	89	0.00	0.0	4.488	0.000	2	1	1	1	
122917	PL.40533	B	Consumer	7.46Y	124.4	0.00	1.63	0.28	0	2	1	89	0.00	0.0	4.488	0.000	2	1	1	1	
PL.10131	PL.27409	B	4ACSR	7.46Y	124.4	0.01	1.64	5.38	5	36	17	90	0.00	0.0	4.433	0.035	0	0	0	20	

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.43617	PL.10131	B	4ACSR	7.46Y	124.4	0.00	1.64	0.88	1	6	3	89	0.00	0.0	4.443	0.011	0	0	0	1
PD.8281	PL.43617	B	fuse6AMP	7.46Y	124.4	0.00	1.64	0.88	15	6	3	89	0.00	0.0	4.443	0.000	0	0	0	1
PL.43618	PD.8281	B	4ACSR	7.46Y	124.4	0.00	1.64	0.88	1	6	3	89	0.00	0.0	4.474	0.031	0	0	0	1
122909	PL.43618	B	Consumer	7.46Y	124.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	4.474	0.000	0	0	0	0
122907	PL.43618	B	Consumer	7.46Y	124.4	0.00	1.64	0.88	0	6	3	89	0.00	0.0	4.474	0.000	6	3	1	1
PL.10132	PL.10131	B	4ACSR	7.46Y	124.3	0.07	1.70	4.50	4	30	15	89	0.02	0.1	4.756	0.323	0	0	0	19
PL.45	PL.10132	B	4ACSR	7.46Y	124.3	0.02	1.73	4.50	4	30	14	91	0.01	0.0	4.865	0.109	0	0	0	19
PL.43621	PL.45	B	4ACSR	7.46Y	124.3	0.00	1.73	3.39	3	23	11	90	0.00	0.0	4.879	0.014	0	0	0	13
PL.43625	PL.43621	B	4ACSR	7.46Y	124.3	0.01	1.74	3.39	3	23	11	90	0.00	0.0	4.931	0.052	0	0	0	13
PD.8283-A	PL.43625	B	Closed	7.46Y	124.3	0.00	1.74	3.39	0	23	11	90	0.00	0.0	4.931	0.000	0	0	0	13
PD.8283-B	PD.8283-A	B	Closed	7.46Y	124.3	0.00	1.74	3.39	0	23	11	90	0.00	0.0	4.931	0.000	0	0	0	13
PL.43626	PD.8283-B	B	4ACSR	7.45Y	124.1	0.14	1.88	3.39	3	23	11	90	0.02	0.1	5.823	0.892	0	0	0	13
PL.20312	PL.43626	B	4ACSR	7.45Y	124.1	0.00	1.88	2.29	2	15	7	91	0.00	0.0	5.843	0.020	0	0	0	7
PD.90-A	PL.20312	B	Closed	7.45Y	124.1	0.00	1.88	2.29	0	15	7	91	0.00	0.0	5.843	0.000	0	0	0	7
PD.90-B	PD.90-A	B	Closed	7.45Y	124.1	0.00	1.88	2.29	0	15	7	91	0.00	0.0	5.843	0.000	0	0	0	7
PL.20313	PD.90-B	B	4ACSR	7.45Y	124.1	0.01	1.89	2.29	2	15	7	91	0.00	0.0	5.939	0.096	0	0	0	7
PL.5133	PL.20313	B	4ACSR	7.45Y	124.1	0.00	1.89	2.00	2	13	6	91	0.00	0.0	5.989	0.050	0	0	0	6
PL.8186	PL.5133	B	4ACSR	7.45Y	124.1	0.01	1.90	2.00	2	13	6	91	0.00	0.0	6.049	0.060	0	0	0	6
PL.8187	PL.8186	B	4ACSR	7.45Y	124.1	0.00	1.90	1.50	1	10	5	89	0.00	0.0	6.096	0.048	0	0	0	4
074204	PL.8187	B	Consumer	7.45Y	124.1	0.00	1.90	0.00	0	0	0	100	0.00	0.0	6.096	0.000	0	0	0	0
PL.10951	PL.8187	B	4ACSR	7.44Y	124.1	0.01	1.92	1.50	1	10	5	89	0.00	0.0	6.301	0.204	0	0	0	4
PL.10952	PL.10951	B	4ACSR	7.44Y	124.1	0.00	1.92	0.69	1	5	2	93	0.00	0.0	6.326	0.025	0	0	0	3
074212	PL.10952	B	Consumer	7.44Y	124.1	0.00	1.92	0.00	0	0	0	100	0.00	0.0	6.326	0.000	0	0	0	0
PL.8188	PL.10952	B	4ACSR	7.44Y	124.1	0.01	1.92	0.69	1	5	2	93	0.00	0.0	6.514	0.188	0	0	0	3
074201	PL.8188	B	Consumer	7.44Y	124.1	0.00	1.92	0.05	0	0	0	100	0.00	0.0	6.514	0.000	0	0	1	1
PL.8185	PL.8188	B	4ACSR	7.44Y	124.1	0.01	1.93	0.64	1	4	2	89	0.00	0.0	6.701	0.187	0	0	0	2
PL.8184	PL.8185	B	4ACSR	7.44Y	124.1	0.00	1.93	0.29	0	2	1	89	0.00	0.0	6.777	0.076	0	0	0	1
074208	PL.8184	B	Consumer	7.44Y	124.1	0.00	1.93	0.29	0	2	1	89	0.00	0.0	6.777	0.000	2	1	1	1
074209	PL.8185	B	Consumer	7.44Y	124.1	0.00	1.93	0.35	0	2	1	89	0.00	0.0	6.701	0.000	2	1	1	1
PL.15085	PL.10951	B	4ACSR	7.44Y	124.1	0.00	1.92	0.81	1	5	3	86	0.00	0.0	6.306	0.005	0	0	0	1
PD.2133	PL.15085	B	fuse6AMP	7.44Y	124.1	0.00	1.92	0.81	14	5	3	86	0.00	0.0	6.306	0.000	0	0	0	1
PL.15086	PD.2133	B	4ACSR	7.44Y	124.1	0.00	1.92	0.81	1	5	3	86	0.00	0.0	6.407	0.101	0	0	0	1
074202	PL.15086	B	Consumer	7.44Y	124.1	0.00	1.92	0.81	0	5	3	86	0.00	0.0	6.407	0.000	5	3	1	1
PL.15087	PL.8186	B	4ACSR	7.45Y	124.1	0.00	1.90	0.51	0	3	2	83	0.00	0.0	6.055	0.006	0	0	0	2
PD.2132	PL.15087	B	fuse6AMP	7.45Y	124.1	0.00	1.90	0.51	9	3	2	83	0.00	0.0	6.055	0.000	0	0	0	2
PL.15390	PD.2132	B	4ACSR	7.45Y	124.1	0.00	1.90	0.51	0	3	2	83	0.00	0.0	6.144	0.089	0	0	0	2
0742013	PL.15390	B	Consumer	7.45Y	124.1	0.00	1.90	0.00	0	0	0	100	0.00	0.0	6.144	0.000	0	0	1	1
PL.4467	PL.15390	B	4ACSR	7.45Y	124.1	0.00	1.90	0.51	0	3	2	83	0.00	0.0	6.217	0.074	0	0	0	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
074210	PL.4467	B	Consumer	7.45Y	124.1	0.00	1.90	0.51	0	3	2	83	0.00	0.0	6.217	0.000	3	2	1	1
074211	PL.4467	B	Consumer	7.45Y	124.1	0.00	1.90	0.00	0	0	0	100	0.00	0.0	6.217	0.000	0	0	0	0
124903	PL.20313	B	Consumer	7.45Y	124.1	0.00	1.89	0.28	0	2	1	89	0.00	0.0	5.939	0.000	2	1	1	1
PL.27400	PL.43626	B	4ACSR	7.45Y	124.1	0.00	1.88	0.56	0	4	2	89	0.00	0.0	5.839	0.016	0	0	0	3
PD.629	PL.27400	B	fuse6AMP	7.45Y	124.1	0.00	1.88	0.56	10	4	2	89	0.00	0.0	5.839	0.000	0	0	0	3
PL.27401	PD.629	B	4ACSR	7.45Y	124.1	0.00	1.88	0.56	0	4	2	89	0.00	0.0	5.930	0.091	0	0	0	3
123915	PL.27401	B	Consumer	7.45Y	124.1	0.00	1.88	0.36	0	2	1	89	0.00	0.0	5.930	0.000	2	1	1	1
1239018	PL.27401	B	Consumer	7.45Y	124.1	0.00	1.88	0.00	0	0	0	100	0.00	0.0	5.930	0.000	0	0	0	0
1239016	PL.27401	B	Consumer	7.45Y	124.1	0.00	1.88	0.11	0	1	0	100	0.00	0.0	5.930	0.000	1	0	1	1
PL.5585	PL.27401	B	4ACSR	7.45Y	124.1	0.00	1.88	0.09	0	1	0	100	0.00	0.0	5.980	0.049	0	0	0	1
PL.335	PL.5585	B	4ACSR	7.45Y	124.1	0.00	1.88	0.09	0	1	0	100	0.00	0.0	6.199	0.219	0	0	0	1
PL.334	PL.335	B	4ACSR	7.45Y	124.1	0.00	1.88	0.09	0	1	0	100	0.00	0.0	6.263	0.063	0	0	0	1
124901	PL.334	B	Consumer	7.45Y	124.1	0.00	1.88	0.09	0	1	0	100	0.00	0.0	6.263	0.000	1	0	1	1
123906	PL.43626	B	Consumer	7.45Y	124.1	0.00	1.88	0.37	0	2	1	89	0.00	0.0	5.823	0.000	2	1	1	1
PL.27402	PL.43626	B	4ACSR	7.45Y	124.1	0.00	1.88	0.18	0	1	1	71	0.00	0.0	5.851	0.028	0	0	0	2
PD.628	PL.27402	B	fuse6AMP	7.45Y	124.1	0.00	1.88	0.18	3	1	1	71	0.00	0.0	5.851	0.000	0	0	0	2
PL.27403	PD.628	B	4ACSR	7.45Y	124.1	0.00	1.88	0.18	0	1	1	71	0.00	0.0	5.954	0.103	0	0	0	2
PL.340	PL.27403	B	4ACSR	7.45Y	124.1	0.00	1.88	0.00	0	0	0	100	0.00	0.0	6.034	0.080	0	0	0	0
123904	PL.27403	B	Consumer	7.45Y	124.1	0.00	1.88	0.01	0	0	0	100	0.00	0.0	5.954	0.000	0	0	1	1
123912	PL.27403	B	Consumer	7.45Y	124.1	0.00	1.88	0.17	0	1	1	71	0.00	0.0	5.954	0.000	1	1	1	1
PL.18321	PL.45	B	4ACSR	7.46Y	124.3	0.00	1.73	1.11	1	7	4	87	0.00	0.0	4.871	0.006	0	0	0	6
PD.3312	PL.18321	B	25V4E	7.46Y	124.3	0.00	1.73	1.11	4	7	4	87	0.00	0.0	4.871	0.000	0	0	0	6
PL.43623	PD.3312	B	4ACSR	7.46Y	124.3	0.00	1.73	1.11	1	7	4	87	0.00	0.0	4.884	0.014	0	0	0	6
PD.8284-A	PL.43623	B	Closed	7.46Y	124.3	0.00	1.73	1.11	0	7	4	87	0.00	0.0	4.884	0.000	0	0	0	6
PD.8284-B	PD.8284-A	B	Closed	7.46Y	124.3	0.00	1.73	1.11	0	7	4	87	0.00	0.0	4.884	0.000	0	0	0	6
PL.43624	PD.8284-B	B	4ACSR	7.46Y	124.3	0.01	1.74	1.11	1	7	4	87	0.00	0.0	5.090	0.206	0	0	0	6
123908	PL.43624	B	Consumer	7.46Y	124.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	5.090	0.000	0	0	0	0
PL.10133	PL.43624	B	4ACSR	7.46Y	124.3	0.00	1.74	1.11	1	7	4	87	0.00	0.0	5.145	0.055	0	0	0	6
PL.40536	PL.10133	B	4ACSR	7.46Y	124.3	0.00	1.75	1.11	1	7	4	87	0.00	0.0	5.234	0.088	0	0	0	6
PL.40537	PL.40536	B	4ACSR	7.46Y	124.3	0.00	1.75	1.11	1	7	4	87	0.00	0.0	5.255	0.022	0	0	0	6
PL.10135	PL.40537	B	4ACSR	7.45Y	124.2	0.01	1.76	1.11	1	7	4	87	0.00	0.0	5.420	0.165	0	0	0	6
PL.40534	PL.10135	B	4ACSR	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	5.424	0.004	0	0	0	1
PD.7212	PL.40534	B	fuse6AMP	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	5.424	0.000	0	0	0	1
PL.40535	PD.7212	B	4ACSR	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	5.459	0.035	0	0	0	1
123914	PL.40535	B	Consumer	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	5.459	0.000	0	0	1	1
PL.43619	PL.10135	B	4ACSR	7.45Y	124.2	0.00	1.76	1.11	1	7	4	87	0.00	0.0	5.477	0.057	0	0	0	5
PD.8282-A	PL.43619	B	Closed	7.45Y	124.2	0.00	1.76	1.11	0	7	4	87	0.00	0.0	5.477	0.000	0	0	0	5
PD.8282-B	PD.8282-A	B	Closed	7.45Y	124.2	0.00	1.76	1.11	0	7	4	87	0.00	0.0	5.477	0.000	0	0	0	5

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	% PF	kW Loss	% Loss							
PL.43620	PD.8282-B	B	4ACSR	7.45Y	124.2	0.00	1.76	1.11	1	7	4	87	0.00	0.0	5.519	0.041	0	0	0	5
PL.40538	PL.43620	B	4ACSR	7.45Y	124.2	0.02	1.78	1.11	1	7	4	87	0.00	0.0	5.814	0.295	0	0	0	5
PD.7215-A	PL.40538	B	Closed	7.45Y	124.2	0.00	1.78	1.11	0	7	4	87	0.00	0.0	5.814	0.000	0	0	0	5
PD.7215-B	PD.7215-A	B	Closed	7.45Y	124.2	0.00	1.78	1.11	0	7	4	87	0.00	0.0	5.814	0.000	0	0	0	5
PL.40539	PD.7215-B	B	4ACSR	7.45Y	124.2	0.00	1.78	1.11	1	7	4	87	0.00	0.0	5.850	0.036	0	0	0	5
PL.10614	PL.40539	B	4ACSR	7.45Y	124.2	0.01	1.79	1.11	1	7	4	87	0.00	0.0	6.032	0.182	0	0	0	4
PL.10950	PL.10614	B	4ACSR	7.45Y	124.2	0.01	1.80	0.87	1	6	3	89	0.00	0.0	6.318	0.286	0	0	0	3
PL.27398	PL.10950	B	4ACSR	7.45Y	124.2	0.00	1.80	0.83	1	6	3	89	0.00	0.0	6.337	0.019	0	0	0	2
PD.627	PL.27398	B	fuse6AMP	7.45Y	124.2	0.00	1.80	0.83	14	6	3	89	0.00	0.0	6.337	0.000	0	0	0	2
PL.27399	PD.627	B	4ACSR	7.45Y	124.2	0.01	1.81	0.83	1	6	3	89	0.00	0.0	6.703	0.366	0	0	0	2
123911	PL.27399	B	Consumer	7.45Y	124.2	0.00	1.81	0.81	0	5	3	86	0.00	0.0	6.703	0.000	5	3	1	1
PL.5134	PL.27399	B	4ACSR	7.45Y	124.2	0.00	1.81	0.03	0	0	0	100	0.00	0.0	6.880	0.177	0	0	0	1
123913	PL.5134	B	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	6.880	0.000	0	0	0	0
1239017	PL.5134	B	Consumer	7.45Y	124.2	0.00	1.81	0.03	0	0	0	100	0.00	0.0	6.880	0.000	0	0	1	1
123901	PL.10950	B	Consumer	7.45Y	124.2	0.00	1.80	0.04	0	0	0	100	0.00	0.0	6.318	0.000	0	0	1	1
PL.338	PL.10614	B	4ACSR	7.45Y	124.2	0.00	1.79	0.24	0	2	1	89	0.00	0.0	6.293	0.261	0	0	0	1
123804	PL.338	B	Consumer	7.45Y	124.2	0.00	1.79	0.24	0	2	1	89	0.00	0.0	6.293	0.000	2	1	1	1
123805	PL.40539	B	Consumer	7.45Y	124.2	0.00	1.78	0.00	0	0	0	100	0.00	0.0	5.850	0.000	0	0	1	1
PL.5106	PL.27395	B	4ACSR	7.47Y	124.5	0.00	1.50	0.38	0	3	1	95	0.00	0.0	4.032	0.112	0	0	0	1
122920	PL.5106	B	Consumer	7.47Y	124.5	0.00	1.50	0.38	0	3	1	95	0.00	0.0	4.032	0.000	3	1	1	1
PL.5107	PL.5106	B	4ACSR	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	4.033	0.000	0	0	0	0
122902	PL.27395	B	Consumer	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	3.921	0.000	0	0	0	0
PL.5108	PL.27395	B	4ACSR	7.47Y	124.5	0.01	1.50	1.35	1	9	4	91	0.00	0.0	4.039	0.119	0	0	0	1
PL.12125	PL.5108	B	4ACSR	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	4.123	0.084	0	0	0	0
PD.88-A	PL.12125	B	Closed	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	4.123	0.000	0	0	0	0
PD.88-B	PD.88-A	B	Closed	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	4.123	0.000	0	0	0	0
PL.12126	PD.88-B	B	4ACSR	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	4.378	0.255	0	0	0	0
PD.89-B	PL.12126	B	Open	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	4.378	0.000	0	0	0	0
122904	PL.5108	B	Consumer	7.47Y	124.5	0.00	1.50	1.35	0	9	4	91	0.00	0.0	4.039	0.000	9	4	1	1
PL.27391	PL.10130	B	4ACSR	7.48Y	124.7	0.00	1.33	1.03	1	7	3	92	0.00	0.0	3.549	0.012	0	0	0	2
PD.615	PL.27391	B	fuse6AMP	7.48Y	124.7	0.00	1.33	1.03	18	7	3	92	0.00	0.0	3.549	0.000	0	0	0	2
PL.27392	PD.615	B	4ACSR	7.48Y	124.7	0.01	1.34	1.03	1	7	3	92	0.00	0.0	3.693	0.145	0	0	0	2
PL.30783	PL.27392	B	4ACSR	7.48Y	124.7	0.00	1.34	0.04	0	0	0	100	0.00	0.0	3.764	0.071	0	0	0	1
PL.30782	PL.30783	B	4ACSR	7.48Y	124.7	0.00	1.34	0.04	0	0	0	100	0.00	0.0	3.813	0.049	0	0	0	1
1228039	PL.30782	B	Consumer	7.48Y	124.7	0.00	1.34	0.04	0	0	0	100	0.00	0.0	3.813	0.000	0	0	1	1
PL.30784	PL.30783	B	4ACSR	7.48Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	3.866	0.102	0	0	0	0
122824	PL.30784	B	Consumer	7.48Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	3.866	0.000	0	0	0	0
PL.829	PL.27392	B	4ACSR	7.48Y	124.7	0.00	1.34	0.99	1	7	3	92	0.00	0.0	3.748	0.055	0	0	0	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
122826	PL.829	B	Consumer	7.48Y	124.7	0.00	1.34	0.99	0	7	3	92	0.00	0.0	3.748	0.000	7	3	1	1
122808	PL.43612	B	Consumer	7.48Y	124.7	0.00	1.28	0.64	0	4	2	89	0.00	0.0	3.457	0.000	4	2	1	1
PL.43615	PL.43611	B	4ACSR	7.49Y	124.8	0.00	1.24	1.14	1	8	4	89	0.00	0.0	3.398	0.005	0	0	0	2
PD.614	PL.43615	B	fuse6AMP	7.49Y	124.8	0.00	1.24	1.14	19	8	4	89	0.00	0.0	3.398	0.000	0	0	0	2
PL.43616	PD.614	B	4ACSR	7.49Y	124.8	0.00	1.24	1.14	1	8	4	89	0.00	0.0	3.459	0.060	0	0	0	2
121836	PL.43616	B	Consumer	7.49Y	124.8	0.00	1.24	0.13	0	1	0	100	0.00	0.0	3.459	0.000	1	0	1	1
PL.43614	PL.43616	B	4ACSR	7.49Y	124.8	0.00	1.24	1.00	1	7	3	92	0.00	0.0	3.529	0.070	0	0	0	1
121831	PL.43614	B	Consumer	7.49Y	124.8	0.00	1.24	1.00	0	7	3	92	0.00	0.0	3.529	0.000	7	3	1	1
121832	PL.43614	B	Consumer	7.49Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	3.529	0.000	0	0	0	0
121812	PL.28531	B	Consumer	7.50Y	125.0	0.00	1.01	0.60	0	4	2	89	0.00	0.0	3.075	0.000	4	2	1	1
121813	PL.28531	B	Consumer	7.50Y	125.0	0.00	1.01	1.08	0	7	4	87	0.00	0.0	3.075	0.000	7	4	1	1
PL.27385	PL.27384	C	4ACSR	7.36Y	122.7	0.01	3.33	21.24	18	141	68	90	0.01	0.0	2.910	0.005	0	0	0	38
PD.3311	PL.27385	C	50L	7.36Y	122.7	0.00	3.33	21.24	42	141	68	90	0.00	0.0	2.910	0.000	0	0	0	38
PL.27386	PD.3311	C	4ACSR	7.33Y	122.2	0.46	3.79	21.24	18	141	68	90	0.51	0.4	3.382	0.472	0	0	0	38
121944	PL.27386	C	Consumer	7.33Y	122.2	0.00	3.79	0.58	0	4	2	89	0.00	0.0	3.382	0.000	4	2	1	1
PL.10688	PL.27386	C	4ACSR	7.33Y	122.2	0.04	3.84	20.65	17	137	65	90	0.04	0.0	3.425	0.042	0	0	0	37
PL.18424	PL.10688	C	4ACSR	7.33Y	122.2	0.00	3.84	0.87	1	6	3	89	0.00	0.0	3.434	0.009	0	0	0	1
PD.622	PL.18424	C	fuse6AMP	7.33Y	122.2	0.00	3.84	0.87	15	6	3	89	0.00	0.0	3.434	0.000	0	0	0	1
PL.18425	PD.622	C	4ACSR	7.33Y	122.2	0.00	3.84	0.87	1	6	3	89	0.00	0.0	3.457	0.023	0	0	0	1
121933	PL.18425	C	Consumer	7.33Y	122.2	0.00	3.84	0.87	0	6	3	89	0.00	0.0	3.457	0.000	6	3	1	1
PL.40287	PL.18425	C	2ACSR	7.33Y	122.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	3.481	0.024	0	0	0	0
1219048	PL.40287	C	Consumer	7.33Y	122.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	3.481	0.000	0	0	0	0
PL.10689	PL.10688	C	4ACSR	7.33Y	122.1	0.05	3.89	19.78	17	131	63	90	0.06	0.0	3.484	0.059	0	0	0	36
PL.10690	PL.10689	C	4ACSR	7.32Y	122.1	0.03	3.92	18.64	16	123	59	90	0.03	0.0	3.519	0.035	0	0	0	35
PL.10691	PL.10690	C	4ACSR	7.32Y	121.9	0.13	4.05	18.05	15	119	57	90	0.12	0.1	3.676	0.157	0	0	0	33
PL.18949	PL.10691	C	4ACSR	7.32Y	121.9	0.00	4.05	18.05	15	119	57	90	0.00	0.0	3.680	0.004	0	0	0	33
PD.87-A	PL.18949	C	Closed	7.32Y	121.9	0.00	4.05	18.05	0	119	57	90	0.00	0.0	3.680	0.000	0	0	0	33
PD.87-B	PD.87-A	C	Closed	7.32Y	121.9	0.00	4.05	18.05	0	119	57	90	0.00	0.0	3.680	0.000	0	0	0	33
PL.18948	PD.87-B	C	4ACSR	7.32Y	121.9	0.01	4.07	18.05	15	119	57	90	0.01	0.0	3.694	0.014	0	0	0	33
PL.10916	PL.18948	C	4ACSR	7.31Y	121.9	0.02	4.09	17.18	14	113	54	90	0.02	0.0	3.725	0.031	0	0	0	32
PL.10912	PL.10916	C	4ACSR	7.31Y	121.9	0.01	4.10	4.27	4	28	13	91	0.00	0.0	3.780	0.055	0	0	0	6
PL.10913	PL.10912	C	4ACSR	7.31Y	121.9	0.00	4.11	1.90	2	13	6	91	0.00	0.0	3.836	0.056	0	0	0	4
121927	PL.10913	C	Consumer	7.31Y	121.9	0.00	4.11	0.40	0	3	1	95	0.00	0.0	3.836	0.000	3	1	1	1
PL.10914	PL.10913	C	4ACSR	7.31Y	121.9	0.00	4.11	1.50	1	10	5	89	0.00	0.0	3.902	0.066	0	0	0	3
PL.10917	PL.10914	C	4ACSR	7.31Y	121.9	0.00	4.12	1.50	1	10	5	89	0.00	0.0	3.971	0.069	0	0	0	3
121904	PL.10917	C	Consumer	7.31Y	121.9	0.00	4.12	0.80	0	5	3	86	0.00	0.0	3.971	0.000	5	3	1	1
PL.10918	PL.10917	C	4ACSR	7.31Y	121.9	0.00	4.12	0.70	1	5	2	93	0.00	0.0	4.050	0.079	0	0	0	2
PL.10919	PL.10918	C	4ACSR	7.31Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	4.206	0.156	0	0	0	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.10922	PL.10919	C	4ACSR	7.31Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	4.284	0.078	0	0	0	1
PL.10923	PL.10922	C	4ACSR	7.31Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	4.390	0.106	0	0	0	0
PL.869	PL.10922	C	4ACSR	7.31Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	4.321	0.037	0	0	0	1
121943	PL.869	C	Consumer	7.31Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	4.321	0.000	0	0	1	1
PL.864	PL.10918	C	4ACSR	7.31Y	121.9	0.00	4.12	0.70	1	5	2	93	0.00	0.0	4.099	0.049	0	0	0	1
121903	PL.864	C	Consumer	7.31Y	121.9	0.00	4.12	0.70	0	5	2	93	0.00	0.0	4.099	0.000	5	2	1	1
121928	PL.10912	C	Consumer	7.31Y	121.9	0.00	4.10	2.21	0	15	7	91	0.00	0.0	3.780	0.000	15	7	1	1
121910	PL.10912	C	Consumer	7.31Y	121.9	0.00	4.10	0.15	0	1	0	100	0.00	0.0	3.780	0.000	1	0	1	1
PL.10915	PL.10916	C	4ACSR	7.31Y	121.9	0.02	4.11	12.91	11	85	41	90	0.01	0.0	3.757	0.032	0	0	0	26
PL.10911	PL.10915	C	4ACSR	7.31Y	121.9	0.03	4.14	12.91	11	85	41	90	0.02	0.0	3.805	0.048	0	0	0	26
PL.10910	PL.10911	C	4ACSR	7.31Y	121.8	0.02	4.16	12.91	11	85	41	90	0.01	0.0	3.842	0.037	0	0	0	26
PL.10693	PL.10910	C	4ACSR	7.31Y	121.8	0.03	4.19	11.85	10	78	37	90	0.02	0.0	3.896	0.054	0	0	0	25
121940	PL.10693	C	Consumer	7.31Y	121.8	0.00	4.19	0.00	0	0	0	100	0.00	0.0	3.896	0.000	0	0	0	0
121930	PL.10693	C	Consumer	7.31Y	121.8	0.00	4.19	0.62	0	4	2	89	0.00	0.0	3.896	0.000	4	2	1	1
121915	PL.10693	C	Consumer	7.31Y	121.8	0.00	4.19	0.33	0	2	1	89	0.00	0.0	3.896	0.000	2	1	1	1
121941	PL.10693	C	Consumer	7.31Y	121.8	0.00	4.19	0.58	0	4	2	89	0.00	0.0	3.896	0.000	4	2	1	1
PL.10692	PL.10693	C	4ACSR	7.30Y	121.7	0.07	4.26	10.32	9	68	33	90	0.04	0.1	4.041	0.145	0	0	0	22
121919	PL.10692	C	Consumer	7.30Y	121.7	0.00	4.26	0.81	0	5	3	86	0.00	0.0	4.041	0.000	5	3	1	1
PL.8548	PL.10692	C	4ACSR	7.30Y	121.7	0.03	4.29	8.59	7	57	27	90	0.01	0.0	4.113	0.072	0	0	0	18
PL.8547	PL.8548	C	4ACSR	7.30Y	121.7	0.03	4.32	8.59	7	57	27	90	0.01	0.0	4.192	0.079	0	0	0	18
121908	PL.8547	C	Consumer	7.30Y	121.7	0.00	4.32	0.07	0	0	0	100	0.00	0.0	4.192	0.000	0	0	1	1
PL.5126	PL.8547	C	1/0ACSR	7.30Y	121.7	0.01	4.33	8.52	4	56	27	90	0.00	0.0	4.246	0.054	0	0	0	17
121946	PL.5126	C	Consumer	7.30Y	121.7	0.00	4.33	0.03	0	0	0	100	0.00	0.0	4.246	0.000	0	0	1	1
PL.10921	PL.5126	C	1/0ACSR	7.30Y	121.7	0.01	4.35	8.49	4	56	27	90	0.00	0.0	4.306	0.060	0	0	0	16
1219047	PL.10921	C	Consumer	7.30Y	121.7	0.00	4.35	1.28	0	8	4	89	0.00	0.0	4.306	0.000	8	4	1	1
PL.10920	PL.10921	C	1/0ACSR	7.30Y	121.6	0.03	4.37	6.25	3	41	20	90	0.01	0.0	4.481	0.176	0	0	0	13
PL.40526	PL.10920	C	4ACSR	7.30Y	121.6	0.00	4.37	1.15	1	8	4	89	0.00	0.0	4.486	0.005	0	0	0	3
PD.7208	PL.40526	C	fuse6AMP	7.30Y	121.6	0.00	4.37	1.15	20	8	4	89	0.00	0.0	4.486	0.000	0	0	0	3
PL.40527	PD.7208	C	4ACSR	7.30Y	121.6	0.00	4.38	1.15	1	8	4	89	0.00	0.0	4.546	0.059	0	0	0	3
PL.863	PL.40527	C	4ACSR	7.30Y	121.6	0.00	4.38	0.49	0	3	2	83	0.00	0.0	4.602	0.057	0	0	0	2
121906	PL.863	C	Consumer	7.30Y	121.6	0.00	4.38	0.08	0	1	0	100	0.00	0.0	4.602	0.000	1	0	1	1
121931	PL.863	C	Consumer	7.30Y	121.6	0.00	4.38	0.40	0	3	1	95	0.00	0.0	4.602	0.000	3	1	1	1
121909	PL.40527	C	Consumer	7.30Y	121.6	0.00	4.38	0.66	0	4	2	89	0.00	0.0	4.546	0.000	4	2	1	1
PL.5111	PL.10920	C	1/0ACSR	7.30Y	121.6	0.01	4.38	3.85	2	25	12	90	0.00	0.0	4.570	0.088	0	0	0	6
121916	PL.5111	C	Consumer	7.30Y	121.6	0.00	4.38	0.49	0	3	2	83	0.00	0.0	4.570	0.000	3	2	1	1
PL.36	PL.5111	C	4ACSR	7.30Y	121.6	0.01	4.39	3.36	3	22	11	89	0.00	0.0	4.608	0.038	0	0	0	5
PL.19664	PL.36	C	1/0ACSR	7.30Y	121.6	0.01	4.40	3.36	2	22	11	89	0.00	0.0	4.767	0.159	0	0	0	5
PL.19663	PL.19664	C	1/0ACSR	7.30Y	121.6	0.01	4.41	3.36	2	22	11	89	0.00	0.0	4.865	0.098	0	0	0	5

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.506-A	PL.19663	C	Closed	7.30Y	121.6	0.00	4.41	3.36	0	22	11	89	0.00	0.0	4.865	0.000	0	0	0	5
PD.506-B	PD.506-A	C	Closed	7.30Y	121.6	0.00	4.41	3.36	0	22	11	89	0.00	0.0	4.865	0.000	0	0	0	5
PL.17434	PD.506-B	C	4ACSR	7.30Y	121.6	0.00	4.41	3.36	3	22	11	89	0.00	0.0	4.871	0.005	0	0	0	5
071214	PL.17434	C	Consumer	7.30Y	121.6	0.00	4.41	0.00	0	0	0	100	0.00	0.0	4.871	0.000	0	0	0	0
071213	PL.17434	C	Consumer	7.30Y	121.6	0.00	4.41	0.00	0	0	0	100	0.00	0.0	4.871	0.000	0	0	1	1
PL.11754	PL.17434	C	1/0ACSR	7.29Y	121.6	0.01	4.42	3.36	2	22	11	89	0.00	0.0	4.950	0.079	0	0	0	4
PL.11752	PL.11754	C	1/0ACSR	7.29Y	121.6	0.00	4.42	2.24	1	15	7	91	0.00	0.0	4.989	0.039	0	0	0	2
071209	PL.11752	C	Consumer	7.29Y	121.6	0.00	4.42	0.74	0	5	2	93	0.00	0.0	4.989	0.000	5	2	1	1
071211	PL.11752	C	Consumer	7.29Y	121.6	0.00	4.42	1.50	0	10	5	89	0.00	0.0	4.989	0.000	10	5	1	1
PL.27087	PL.11752	C	4ACSR	7.29Y	121.6	0.00	4.42	0.00	0	0	0	100	0.00	0.0	5.071	0.081	0	0	0	0
PD.505-B	PL.27087	C	Open	7.29Y	121.6	0.00	4.42	0.00	0	0	0	100	0.00	0.0	5.071	0.000	0	0	0	0
PL.24272	PL.11754	C	4ACSR	7.29Y	121.6	0.00	4.42	1.12	1	7	4	87	0.00	0.0	5.012	0.062	0	0	0	2
071215	PL.24272	C	Consumer	7.29Y	121.6	0.00	4.42	0.67	0	4	2	89	0.00	0.0	5.012	0.000	4	2	1	1
0712041	PL.24272	C	Consumer	7.29Y	121.6	0.00	4.42	0.00	0	0	0	100	0.00	0.0	5.012	0.000	0	0	0	0
071226	PL.24272	C	Consumer	7.29Y	121.6	0.00	4.42	0.45	0	3	1	95	0.00	0.0	5.012	0.000	3	1	1	1
121911	PL.10920	C	Consumer	7.30Y	121.6	0.00	4.37	0.01	0	0	0	100	0.00	0.0	4.481	0.000	0	0	1	1
121912	PL.10920	C	Consumer	7.30Y	121.6	0.00	4.37	0.67	0	4	2	89	0.00	0.0	4.481	0.000	4	2	1	1
121942	PL.10920	C	Consumer	7.30Y	121.6	0.00	4.37	0.57	0	4	2	89	0.00	0.0	4.481	0.000	4	2	1	1
121925	PL.10920	C	Consumer	7.30Y	121.6	0.00	4.37	0.00	0	0	0	100	0.00	0.0	4.481	0.000	0	0	1	1
PL.40524	PL.10921	C	4ACSR	7.30Y	121.7	0.00	4.35	0.95	1	6	3	89	0.00	0.0	4.311	0.006	0	0	0	2
PD.7207	PL.40524	C	fuse6AMP	7.30Y	121.7	0.00	4.35	0.95	16	6	3	89	0.00	0.0	4.311	0.000	0	0	0	2
PL.40525	PD.7207	C	4ACSR	7.30Y	121.7	0.00	4.35	0.95	1	6	3	89	0.00	0.0	4.377	0.066	0	0	0	2
121924	PL.40525	C	Consumer	7.30Y	121.7	0.00	4.35	0.09	0	1	0	100	0.00	0.0	4.377	0.000	1	0	1	1
121917	PL.40525	C	Consumer	7.30Y	121.7	0.00	4.35	0.87	0	6	3	89	0.00	0.0	4.377	0.000	6	3	1	1
PL.40522	PL.10692	C	4ACSR	7.30Y	121.7	0.00	4.26	0.41	0	3	1	95	0.00	0.0	4.048	0.007	0	0	0	1
PD.7206	PL.40522	C	fuse6AMP	7.30Y	121.7	0.00	4.26	0.41	7	3	1	95	0.00	0.0	4.048	0.000	0	0	0	1
PL.40523	PD.7206	C	4ACSR	7.30Y	121.7	0.00	4.26	0.41	0	3	1	95	0.00	0.0	4.091	0.044	0	0	0	1
121914	PL.40523	C	Consumer	7.30Y	121.7	0.00	4.26	0.41	0	3	1	95	0.00	0.0	4.091	0.000	3	1	1	1
PL.40520	PL.10692	C	4ACSR	7.30Y	121.7	0.00	4.26	0.51	0	3	2	83	0.00	0.0	4.045	0.004	0	0	0	2
PD.7205	PL.40520	C	fuse6AMP	7.30Y	121.7	0.00	4.26	0.51	9	3	2	83	0.00	0.0	4.045	0.000	0	0	0	2
PL.40521	PD.7205	C	4ACSR	7.30Y	121.7	0.00	4.26	0.51	0	3	2	83	0.00	0.0	4.153	0.108	0	0	0	2
121913	PL.40521	C	Consumer	7.30Y	121.7	0.00	4.26	0.46	0	3	1	95	0.00	0.0	4.153	0.000	3	1	1	1
121929	PL.40521	C	Consumer	7.30Y	121.7	0.00	4.26	0.05	0	0	0	100	0.00	0.0	4.153	0.000	0	0	1	1
121932	PL.10910	C	Consumer	7.31Y	121.8	0.00	4.16	1.06	0	7	3	92	0.00	0.0	3.842	0.000	7	3	1	1
121936	PL.10911	C	Consumer	7.31Y	121.9	0.00	4.14	0.00	0	0	0	100	0.00	0.0	3.805	0.000	0	0	0	0
121938	PL.18948	C	Consumer	7.32Y	121.9	0.00	4.07	0.87	0	6	3	89	0.00	0.0	3.694	0.000	6	3	1	1
PL.18946	PL.10690	C	4ACSR	7.32Y	122.1	0.00	3.92	0.59	0	4	2	89	0.00	0.0	3.529	0.010	0	0	0	2
PD.623	PL.18946	C	fuse6AMP	7.32Y	122.1	0.00	3.92	0.59	10	4	2	89	0.00	0.0	3.529	0.000	0	0	0	2

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	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PL.18947	PD.623	C	4ACSR	7.32Y	122.1	0.00	3.92	0.59	0	4	2	89	0.00	0.0	3.567	0.038	0	0	0	2
121922	PL.18947	C	Consumer	7.32Y	122.1	0.00	3.92	0.57	0	4	2	89	0.00	0.0	3.567	0.000	4	2	1	1
121935	PL.18947	C	Consumer	7.32Y	122.1	0.00	3.92	0.02	0	0	0	100	0.00	0.0	3.567	0.000	0	0	1	1
PL.5124	PL.10689	C	4ACSR	7.33Y	122.1	0.00	3.89	1.14	1	8	4	89	0.00	0.0	3.505	0.021	0	0	0	1
PL.5125	PL.5124	C	4ACSR	7.33Y	122.1	0.00	3.89	0.00	0	0	0	100	0.00	0.0	3.507	0.002	0	0	0	0
121945	PL.5124	C	Consumer	7.33Y	122.1	0.00	3.89	1.14	0	8	4	89	0.00	0.0	3.505	0.000	8	4	1	1
121829	PL.10686	B	Consumer	7.50Y	125.0	0.00	0.98	0.08	0	1	0	100	0.00	0.0	2.884	0.000	1	0	1	1
121816	PL.10686	B	Consumer	7.50Y	125.0	0.00	0.98	0.98	0	7	3	92	0.00	0.0	2.884	0.000	7	3	1	1
PL.27381	PL.10685	B	4ACSR	7.50Y	125.0	0.00	0.98	0.34	0	2	1	89	0.00	0.0	2.873	0.015	0	0	0	1
PD.621	PL.27381	B	fuse6AMP	7.50Y	125.0	0.00	0.98	0.34	6	2	1	89	0.00	0.0	2.873	0.000	0	0	0	1
PL.27382	PD.621	B	4ACSR	7.50Y	125.0	0.00	0.98	0.34	0	2	1	89	0.00	0.0	2.889	0.016	0	0	0	1
121810	PL.27382	B	Consumer	7.50Y	125.0	0.00	0.98	0.34	0	2	1	89	0.00	0.0	2.889	0.000	2	1	1	1
121809	PL.10684	B	Consumer	7.50Y	125.0	0.00	0.96	0.23	0	2	1	89	0.00	0.0	2.775	0.000	2	1	1	1
121806	PL.10684	B	Consumer	7.50Y	125.0	0.00	0.96	0.55	0	4	2	89	0.00	0.0	2.775	0.000	4	2	1	1
PL.27379	PL.10683	A	4ACSR	7.45Y	124.1	0.00	1.91	1.81	2	12	6	89	0.00	0.0	2.709	0.024	0	0	0	2
PD.609	PL.27379	A	fuse6AMP	7.45Y	124.1	0.00	1.91	1.81	31	12	6	89	0.00	0.0	2.709	0.000	0	0	0	2
PL.27380	PD.609	A	4ACSR	7.45Y	124.1	0.00	1.91	1.81	2	12	6	89	0.00	0.0	2.733	0.023	0	0	0	2
121819	PL.27380	A	Consumer	7.45Y	124.1	0.00	1.91	0.86	0	6	3	89	0.00	0.0	2.733	0.000	6	3	1	1
PL.5112	PL.27380	A	4ACSR	7.44Y	124.1	0.01	1.92	0.95	1	6	3	89	0.00	0.0	2.885	0.152	0	0	0	1
121825	PL.5112	A	Consumer	7.44Y	124.1	0.00	1.92	0.95	0	6	3	89	0.00	0.0	2.885	0.000	6	3	1	1
PL.17225	PL.5113	B	4ACSR	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	2.442	0.014	0	0	0	0
PD.608	PL.17225	B	fuse6AMP	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	2.442	0.000	0	0	0	0
PL.17226	PD.608	B	4ACSR	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	2.464	0.023	0	0	0	0
120820	PL.10680	B	Consumer	7.51Y	125.1	0.00	0.85	1.24	0	8	4	89	0.00	0.0	2.342	0.000	8	4	1	1
120816	PL.10679	B	Consumer	7.51Y	125.2	0.00	0.83	0.03	0	0	0	100	0.00	0.0	2.256	0.000	0	0	1	1
120810	PL.10679	B	Consumer	7.51Y	125.2	0.00	0.83	0.61	0	4	2	89	0.00	0.0	2.256	0.000	4	2	1	1
PL.20437	PL.10678	C	4ACSR	7.38Y	123.0	0.00	2.97	1.52	1	10	5	89	0.00	0.0	2.156	0.016	0	0	0	2
PD.603	PL.20437	C	fuse6AMP	7.38Y	123.0	0.00	2.97	1.52	26	10	5	89	0.00	0.0	2.156	0.000	0	0	0	2
PL.20438	PD.603	C	4ACSR	7.38Y	123.0	0.00	2.97	1.52	1	10	5	89	0.00	0.0	2.187	0.031	0	0	0	2
120814	PL.20438	C	Consumer	7.38Y	123.0	0.00	2.97	0.89	0	6	3	89	0.00	0.0	2.187	0.000	6	3	1	1
120823	PL.20438	C	Consumer	7.38Y	123.0	0.00	2.97	0.63	0	4	2	89	0.00	0.0	2.187	0.000	4	2	1	1
PL.17219	PL.10677	C	4ACSR	7.38Y	123.1	0.00	2.93	0.98	1	7	3	92	0.00	0.0	2.076	0.013	0	0	0	1
PD.611	PL.17219	C	fuse6AMP	7.38Y	123.1	0.00	2.93	0.98	17	7	3	92	0.00	0.0	2.076	0.000	0	0	0	1
PL.17220	PD.611	C	4ACSR	7.38Y	123.1	0.00	2.93	0.98	1	7	3	92	0.00	0.0	2.139	0.062	0	0	0	1
120821	PL.17220	C	Consumer	7.38Y	123.1	0.00	2.93	0.98	0	7	3	92	0.00	0.0	2.139	0.000	7	3	1	1
120818	PL.10675	B	Consumer	7.51Y	125.2	0.00	0.76	0.04	0	0	0	100	0.00	0.0	1.978	0.000	0	0	1	1
120802	PL.10675	B	Consumer	7.51Y	125.2	0.00	0.76	1.47	0	10	5	89	0.00	0.0	1.978	0.000	10	5	1	1
PL.17211	PL.25967	C	4ACSR	7.39Y	123.2	0.00	2.80	3.44	3	23	11	90	0.00	0.0	1.845	0.014	0	0	0	4

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
PD.602	PL.17211	C	fuse6AMP	7.39Y	123.2	0.00	2.80	3.44	59	23	11	90	0.00	0.0	1.845	0.000	0	0	0	4
PL.17212	PD.602	C	4ACSR	7.39Y	123.2	0.01	2.81	3.44	3	23	11	90	0.00	0.0	1.927	0.082	0	0	0	4
120827	PL.17212	C	Consumer	7.39Y	123.2	0.00	2.81	1.01	0	7	3	92	0.00	0.0	1.927	0.000	7	3	1	1
120811	PL.17212	C	Consumer	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	1.927	0.000	0	0	0	0
120815	PL.17212	C	Consumer	7.39Y	123.2	0.00	2.81	0.80	0	5	3	86	0.00	0.0	1.927	0.000	5	3	1	1
120805	PL.17212	C	Consumer	7.39Y	123.2	0.00	2.81	0.80	0	5	3	86	0.00	0.0	1.927	0.000	5	3	1	1
120807	PL.17212	C	Consumer	7.39Y	123.2	0.00	2.81	0.83	0	6	3	89	0.00	0.0	1.927	0.000	6	3	1	1
069842	PL.8011	B	Consumer	7.52Y	125.3	0.00	0.68	1.23	0	8	4	89	0.00	0.0	1.740	0.000	8	4	1	1
PL.17233	PL.10874	C	4ACSR	7.41Y	123.4	0.00	2.58	1.54	1	10	5	89	0.00	0.0	1.614	0.013	0	0	0	2
PD.3166	PL.17233	C	fuse6AMP	7.41Y	123.4	0.00	2.58	1.54	26	10	5	89	0.00	0.0	1.614	0.000	0	0	0	2
PL.17234	PD.3166	C	4ACSR	7.40Y	123.4	0.01	2.59	1.54	1	10	5	89	0.00	0.0	1.690	0.076	0	0	0	2
PL.7988	PL.17234	C	4ACSR	7.40Y	123.4	0.01	2.59	0.99	1	7	3	92	0.00	0.0	1.808	0.119	0	0	0	1
069847	PL.7988	C	Consumer	7.40Y	123.4	0.00	2.59	0.99	0	7	3	92	0.00	0.0	1.808	0.000	7	3	1	1
069808	PL.17234	C	Consumer	7.40Y	123.4	0.00	2.59	0.55	0	4	2	89	0.00	0.0	1.690	0.000	4	2	1	1
069850	PL.11021	B	Consumer	7.52Y	125.4	0.00	0.62	1.21	0	8	4	89	0.00	0.0	1.561	0.000	8	4	1	1
069723	PL.11015	B	Consumer	7.53Y	125.6	0.00	0.44	0.65	0	4	2	89	0.00	0.0	1.199	0.000	4	2	1	1
069751	PL.24771	A	Consumer	7.52Y	125.3	0.00	0.67	0.73	0	5	2	93	0.00	0.0	1.072	0.000	5	2	1	1
069750	PL.24771	A	Consumer	7.52Y	125.3	0.00	0.67	1.56	0	11	5	91	0.00	0.0	1.072	0.000	11	5	1	1
PL.17241	PL.11003	A	4ACSR	7.53Y	125.5	0.00	0.53	0.69	1	5	2	93	0.00	0.0	0.931	0.013	0	0	0	2
PD.3144	PL.17241	A	fuse6AMP	7.53Y	125.5	0.00	0.53	0.69	12	5	2	93	0.00	0.0	0.931	0.000	0	0	0	2
PL.17242	PD.3144	A	4ACSR	7.53Y	125.5	0.00	0.53	0.69	1	5	2	93	0.00	0.0	0.965	0.034	0	0	0	2
069731	PL.17242	A	Consumer	7.53Y	125.5	0.00	0.53	0.69	0	5	2	93	0.00	0.0	0.965	0.000	5	2	1	1
PL.25194	PL.17242	A	4ACSR	7.53Y	125.5	-0.00	0.53	0.00	0	0	0	100	0.00	0.0	1.005	0.040	0	0	0	1
069733	PL.25194	A	Consumer	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	1.005	0.000	0	0	1	1
PL.17239	PL.11003	C	4ACSR	7.48Y	124.6	0.00	1.35	4.12	3	28	13	91	0.00	0.0	0.933	0.015	0	0	0	3
PD.3130	PL.17239	C	fuse6AMP	7.48Y	124.6	0.00	1.35	4.12	70	28	13	91	0.00	0.0	0.933	0.000	0	0	0	3
PL.17240	PD.3130	C	4ACSR	7.48Y	124.6	0.00	1.36	4.12	3	28	13	91	0.00	0.0	0.945	0.012	0	0	0	3
PL.11005	PL.17240	C	4ACSR	7.48Y	124.6	0.01	1.36	2.98	3	20	10	89	0.00	0.0	1.012	0.066	0	0	0	2
069721	PL.11005	C	Consumer	7.48Y	124.6	0.00	1.36	1.88	0	13	6	91	0.00	0.0	1.012	0.000	13	6	1	1
069729	PL.11005	C	Consumer	7.48Y	124.6	0.00	1.36	1.10	0	7	4	87	0.00	0.0	1.012	0.000	7	4	1	1
PL.4148	PL.17240	C	4ACSR	7.48Y	124.6	0.01	1.36	1.14	1	8	4	89	0.00	0.0	1.047	0.101	0	0	0	1
069744	PL.4148	C	Consumer	7.48Y	124.6	0.00	1.36	1.14	0	8	4	89	0.00	0.0	1.047	0.000	8	4	1	1
069712	PL.11003	B	Consumer	7.54Y	125.7	0.00	0.32	0.58	0	4	2	89	0.00	0.0	0.918	0.000	4	2	1	1
068764	PL.43503	B	Consumer	7.55Y	125.8	0.00	0.17	1.32	0	9	4	91	0.00	0.0	0.562	0.000	9	4	1	1
P CP.33 P	PL.16979	A	Cap (150)	7.55Y	125.8	0.00	0.15	-7.28	0	0	-55	0	0.00	0.0	0.507	0.000	0	0	0	0 P
		B		7.55Y	125.9	0.00	0.15	-7.28	0	0	-55	0			0		0	0	0	0 P
		C		7.53Y	125.5	0.00	0.54	-7.26	0	0	-55	0			0		0	0	0	0
068709	PL.40297	A	Consumer	7.55Y	125.9	0.00	0.15	0.11	0	1	0	100	0.00	0.0	0.501	0.000	1	0	1	1
069707	PL.40297	A	Consumer	7.55Y	125.9	0.00	0.15	0.01	0	0	0	100	0.00	0.0	0.501	0.000	0	0	1	1

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
068716	PL.40297	A	Consumer	7.55Y	125.9	0.00	0.15	0.02	0	0	0	100	0.00	0.0	0.501	0.000	0	0	1	1
069735	PL.40297	A	Consumer	7.55Y	125.9	0.00	0.15	0.25	0	2	1	89	0.00	0.0	0.501	0.000	2	1	1	1
PL.18921	PL.25149	B	4ACSR	7.55Y	125.9	0.02	0.11	31.44	26	214	103	90	0.03	0.0	0.178	0.014	0	0	0	65
PD.2145-A	PL.18921	B	Closed	7.55Y	125.9	0.00	0.11	31.44	0	214	103	90	0.00	0.0	0.178	0.000	0	0	0	65
PD.2145-B	PD.2145-A	B	Closed	7.55Y	125.9	0.00	0.11	31.44	0	214	103	90	0.00	0.0	0.178	0.000	0	0	0	65
PL.18922	PD.2145-B	B	4ACSR	7.55Y	125.8	0.05	0.16	31.44	26	214	103	90	0.08	0.0	0.212	0.034	0	0	0	65
PL.41437	PL.18922	B	4ACSR	7.55Y	125.8	0.00	0.16	1.14	1	8	4	89	0.00	0.0	0.221	0.009	0	0	0	1
PD.7437	PL.41437	B	fuse6AMP	7.55Y	125.8	0.00	0.16	1.14	20	8	4	89	0.00	0.0	0.221	0.000	0	0	0	1
PL.41438	PD.7437	B	4ACSR	7.55Y	125.8	0.00	0.16	1.14	1	8	4	89	0.00	0.0	0.254	0.032	0	0	0	1
068702	PL.41438	B	Consumer	7.55Y	125.8	0.00	0.16	1.14	0	8	4	89	0.00	0.0	0.254	0.000	8	4	1	1
PL.26867	PL.18922	B	4ACSR	7.55Y	125.8	0.01	0.17	30.29	25	206	99	90	0.01	0.0	0.218	0.006	0	0	0	64
PD.3605	PL.26867	B	50V4E	7.55Y	125.8	0.00	0.17	30.29	61	206	99	90	0.00	0.0	0.218	0.000	0	0	0	64
PL.26868	PD.3605	B	4ACSR	7.53Y	125.5	0.28	0.45	30.29	25	206	99	90	0.44	0.2	0.420	0.203	0	0	0	64
PL.26870	PL.26868	B	4ACSR	7.53Y	125.5	0.00	0.45	3.46	3	24	11	91	0.00	0.0	0.428	0.008	0	0	0	8
PD.3146	PL.26870	B	fuse6AMP	7.53Y	125.5	0.00	0.45	3.46	59	24	11	91	0.00	0.0	0.428	0.000	0	0	0	8
PL.26869	PD.3146	B	4ACSR	7.53Y	125.5	0.00	0.46	3.46	3	24	11	91	0.00	0.0	0.455	0.027	0	0	0	8
PL.24767	PL.26869	B	4ACSR	7.53Y	125.5	0.01	0.47	3.40	3	23	11	90	0.00	0.0	0.517	0.063	0	0	0	7
PL.24761	PL.24767	B	4ACSR	7.53Y	125.5	0.02	0.48	1.56	1	11	5	91	0.00	0.0	0.736	0.219	0	0	0	5
068615	PL.24761	B	Consumer	7.53Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	0.736	0.000	0	0	0	0
PL.24384	PL.24761	B	4ACSR	7.53Y	125.5	0.01	0.49	1.56	1	11	5	91	0.00	0.0	0.848	0.111	0	0	0	5
068627	PL.24384	B	Consumer	7.53Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	0.848	0.000	0	0	1	1
PL.24385	PL.24384	B	4ACSR	7.53Y	125.5	0.01	0.50	1.12	1	8	4	89	0.00	0.0	0.949	0.102	0	0	0	2
068606	PL.24385	B	Consumer	7.53Y	125.5	0.00	0.50	0.09	0	1	0	100	0.00	0.0	0.949	0.000	1	0	1	1
068607	PL.24385	B	Consumer	7.53Y	125.5	0.00	0.50	1.03	0	7	3	92	0.00	0.0	0.949	0.000	7	3	1	1
PL.24386	PL.24384	B	4ACSR	7.53Y	125.5	0.00	0.49	0.44	0	3	1	95	0.00	0.0	0.908	0.060	0	0	0	2
PL.24387	PL.24386	B	4ACSR	7.53Y	125.5	0.00	0.50	0.44	0	3	1	95	0.00	0.0	1.058	0.151	0	0	0	2
068611	PL.24387	B	Consumer	7.53Y	125.5	0.00	0.50	0.44	0	3	1	95	0.00	0.0	1.058	0.000	3	1	1	1
PL.24383	PL.24387	B	4ACSR	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.172	0.114	0	0	0	1
068614	PL.24383	B	Consumer	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.172	0.000	0	0	1	1
068701	PL.24767	B	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	0.517	0.000	0	0	0	0
068762	PL.24767	B	Consumer	7.53Y	125.5	0.00	0.47	0.78	0	5	3	86	0.00	0.0	0.517	0.000	5	3	1	1
068748	PL.24767	B	Consumer	7.53Y	125.5	0.00	0.47	1.07	0	7	3	92	0.00	0.0	0.517	0.000	7	3	1	1
068753	PL.26869	B	Consumer	7.53Y	125.5	0.00	0.46	0.06	0	0	0	100	0.00	0.0	0.455	0.000	0	0	1	1
PL.25896	PL.26868	B	4ACSR	7.52Y	125.3	0.25	0.70	26.83	23	182	87	90	0.35	0.2	0.624	0.204	0	0	0	56
PL.26871	PL.25896	B	4ACSR	7.52Y	125.3	0.00	0.70	0.17	0	1	1	71	0.00	0.0	0.637	0.013	0	0	0	1
PD.3147	PL.26871	B	fuse6AMP	7.52Y	125.3	0.00	0.70	0.17	3	1	1	71	0.00	0.0	0.637	0.000	0	0	0	1
PL.26872	PD.3147	B	4ACSR	7.52Y	125.3	0.00	0.71	0.17	0	1	1	71	0.00	0.0	0.755	0.117	0	0	0	1
068704	PL.26872	B	Consumer	7.52Y	125.3	0.00	0.71	0.17	0	1	1	71	0.00	0.0	0.755	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.25897	PL.25896	B	4ACSR	7.50Y	125.1	0.24	0.94	26.66	22	181	87	90	0.33	0.2	0.816	0.192	0	0	0	54	
PL.26873	PL.25897	B	4ACSR	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	0.830	0.014	0	0	0	1	
PD.3148	PL.26873	B	fuse6AMP	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	0.830	0.000	0	0	0	1	
PL.26874	PD.3148	B	4ACSR	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	0.931	0.101	0	0	0	1	
PL.24389	PL.26874	B	4ACSR	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.014	0.083	0	0	0	1	
PL.24390	PL.24389	B	4ACSR	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.115	0.100	0	0	0	1	
068741	PL.24390	B	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.115	0.000	0	0	1	1	
PL.24388	PL.24390	B	4ACSR	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.239	0.124	0	0	0	0	
PL.26875	PL.25897	B	4ACSR	7.49Y	124.9	0.18	1.13	26.66	22	180	87	90	0.25	0.1	0.966	0.149	0	0	0	53	
C PD.3149	PL.26875	B	fuse6AMP	7.49Y	124.9	0.00	1.13	26.66	455	180	86	90	0.00	0.0	0.966	0.000	0	0	0	53 C	
PL.26876	PD.3149	B	4ACSR	7.49Y	124.9	0.02	1.15	26.66	22	180	86	90	0.03	0.0	0.982	0.016	0	0	0	53	
PL.24391	PL.26876	B	4ACSR	7.49Y	124.9	0.00	1.15	0.07	0	0	0	100	0.00	0.0	1.027	0.045	0	0	0	1	
067704	PL.24391	B	Consumer	7.49Y	124.9	0.00	1.15	0.07	0	0	0	100	0.00	0.0	1.027	0.000	0	0	1	1	
PL.24764	PL.26876	B	4ACSR	7.47Y	124.5	0.39	1.53	26.60	22	180	86	90	0.53	0.3	1.295	0.313	0	0	0	52	
067710	PL.24764	B	Consumer	7.47Y	124.5	0.00	1.53	0.03	0	0	0	100	0.00	0.0	1.295	0.000	0	0	1	1	
PL.26877	PL.24764	B	4ACSR	7.47Y	124.5	0.01	1.54	26.57	22	179	86	90	0.01	0.0	1.302	0.007	0	0	0	51	
PD.2144-A	PL.26877	B	Closed	7.47Y	124.5	0.00	1.54	26.57	0	179	86	90	0.00	0.0	1.302	0.000	0	0	0	51	
PD.2144-B	PD.2144-A	B	Closed	7.47Y	124.5	0.00	1.54	26.57	0	179	86	90	0.00	0.0	1.302	0.000	0	0	0	51	
PL.26878	PD.2144-B	B	4ACSR	7.46Y	124.3	0.13	1.67	26.57	22	179	86	90	0.18	0.1	1.406	0.104	0	0	0	51	
067703	PL.26878	B	Consumer	7.46Y	124.3	0.00	1.67	0.01	0	0	0	100	0.00	0.0	1.406	0.000	0	0	1	1	
PL.41439	PL.26878	B	4ACSR	7.46Y	124.3	0.05	1.72	25.59	22	172	82	90	0.07	0.0	1.450	0.045	0	0	0	49	
PL.41440	PL.41439	B	4ACSR	7.45Y	124.2	0.05	1.77	25.59	22	172	82	90	0.07	0.0	1.495	0.044	0	0	0	49	
067701	PL.41440	B	Consumer	7.45Y	124.2	0.00	1.77	0.19	0	1	1	71	0.00	0.0	1.495	0.000	1	1	1	1	
PL.25197	PL.41440	B	4ACSR	7.44Y	124.1	0.16	1.93	25.40	21	171	82	90	0.21	0.1	1.629	0.134	0	0	0	48	
PL.25899	PL.25197	B	4ACSR	7.44Y	124.0	0.08	2.02	24.69	21	166	79	90	0.11	0.1	1.702	0.074	0	0	0	47	
067606	PL.25899	B	Consumer	7.44Y	124.0	0.00	2.02	0.51	0	3	2	83	0.00	0.0	1.702	0.000	3	2	1	1	
067613	PL.25899	B	Consumer	7.44Y	124.0	0.00	2.02	0.21	0	1	1	71	0.00	0.0	1.702	0.000	1	1	1	1	
PL.25900	PL.25899	B	4ACSR	7.43Y	123.9	0.07	2.08	23.97	20	161	77	90	0.08	0.1	1.763	0.061	0	0	0	45	
PL.25901	PL.25900	B	4ACSR	7.43Y	123.8	0.14	2.23	22.37	19	150	72	90	0.17	0.1	1.903	0.140	0	0	0	44	
067609	PL.25901	B	Consumer	7.43Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	1.903	0.000	0	0	1	1	
PL.24765	PL.25901	B	4ACSR	7.42Y	123.7	0.06	2.29	22.37	19	150	72	90	0.07	0.0	1.959	0.057	0	0	0	43	
PL.27103	PL.24765	B	4ACSR	7.42Y	123.7	0.00	2.29	0.87	1	6	3	89	0.00	0.0	1.968	0.009	0	0	0	1	
PD.3153	PL.27103	B	fuse6AMP	7.42Y	123.7	0.00	2.29	0.87	15	6	3	89	0.00	0.0	1.968	0.000	0	0	0	1	
PL.27104	PD.3153	B	4ACSR	7.42Y	123.7	0.00	2.29	0.87	1	6	3	89	0.00	0.0	2.006	0.038	0	0	0	1	
067605	PL.27104	B	Consumer	7.42Y	123.7	0.00	2.29	0.87	0	6	3	89	0.00	0.0	2.006	0.000	6	3	1	1	
PL.27105	PL.24765	B	4ACSR	7.42Y	123.7	0.00	2.29	2.95	2	20	9	91	0.00	0.0	1.976	0.017	0	0	0	7	
PD.3152	PL.27105	B	fuse6AMP	7.42Y	123.7	0.00	2.29	2.95	50	20	9	91	0.00	0.0	1.976	0.000	0	0	0	7	
PL.27106	PD.3152	B	4ACSR	7.42Y	123.7	0.02	2.31	2.95	2	20	9	91	0.00	0.0	2.158	0.181	0	0	0	7	

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	% PF	kW Loss	% Loss							
PL.4144	PL.27106	B	4ACSR	7.42Y	123.7	0.00	2.32	0.26	0	2	1	89	0.00	0.0	2.239	0.082	0	0	0	1
067604	PL.4144	B	Consumer	7.42Y	123.7	0.00	2.32	0.26	0	2	1	89	0.00	0.0	2.239	0.000	2	1	1	1
PL.10103	PL.27106	B	4ACSR	7.42Y	123.7	0.01	2.33	1.49	1	10	5	89	0.00	0.0	2.322	0.164	0	0	0	5
PL.10104	PL.10103	B	4ACSR	7.42Y	123.6	0.03	2.35	1.48	1	10	5	89	0.00	0.0	2.752	0.430	0	0	0	4
PL.3897	PL.10104	B	4ACSR	7.42Y	123.6	0.00	2.36	0.28	0	2	1	89	0.00	0.0	2.793	0.041	0	0	0	1
067616	PL.3897	B	Consumer	7.42Y	123.6	0.00	2.36	0.28	0	2	1	89	0.00	0.0	2.793	0.000	2	1	1	1
PL.9686	PL.10104	B	4ACSR	7.42Y	123.6	0.03	2.38	1.20	1	8	4	89	0.00	0.0	3.248	0.497	0	0	0	3
068617	PL.9686	B	Consumer	7.42Y	123.6	0.00	2.38	0.49	0	3	2	83	0.00	0.0	3.248	0.000	3	2	1	1
068601	PL.9686	B	Consumer	7.42Y	123.6	0.00	2.38	0.04	0	0	0	100	0.00	0.0	3.248	0.000	0	0	1	1
PL.24762	PL.9686	B	4ACSR	7.42Y	123.6	0.00	2.38	0.67	1	4	2	89	0.00	0.0	3.317	0.069	0	0	0	1
068621	PL.24762	B	Consumer	7.42Y	123.6	0.00	2.38	0.67	0	4	2	89	0.00	0.0	3.317	0.000	4	2	1	1
PL.24393	PL.10103	B	4ACSR	7.42Y	123.7	0.00	2.33	0.02	0	0	0	100	0.00	0.0	2.504	0.182	0	0	0	1
PL.24395	PL.24393	B	4ACSR	7.42Y	123.7	0.00	2.33	0.02	0	0	0	100	0.00	0.0	2.542	0.038	0	0	0	1
PL.24394	PL.24395	B	4ACSR	7.42Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	2.664	0.122	0	0	0	0
PL.24392	PL.24394	B	4ACSR	7.42Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	2.761	0.096	0	0	0	0
PL.4143	PL.24395	B	4ACSR	7.42Y	123.7	0.00	2.33	0.02	0	0	0	100	0.00	0.0	2.744	0.201	0	0	0	1
PL.4145	PL.4143	B	4ACSR	7.42Y	123.7	0.00	2.33	0.02	0	0	0	100	0.00	0.0	2.865	0.121	0	0	0	1
067614	PL.4145	B	Consumer	7.42Y	123.7	0.00	2.33	0.02	0	0	0	100	0.00	0.0	2.865	0.000	0	0	1	1
PL.4146	PL.4143	B	4ACSR	7.42Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	2.864	0.120	0	0	0	0
PL.24406	PL.4146	B	4ACSR	7.42Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	2.919	0.055	0	0	0	0
067615	PL.27106	B	Consumer	7.42Y	123.7	0.00	2.31	1.19	0	8	4	89	0.00	0.0	2.158	0.000	8	4	1	1
PL.362	PL.24765	B	4ACSR	7.42Y	123.6	0.07	2.36	18.55	16	124	59	90	0.07	0.1	2.039	0.079	0	0	0	35
PL.9687	PL.362	B	4ACSR	7.42Y	123.6	0.02	2.37	18.55	16	124	59	90	0.02	0.0	2.059	0.020	0	0	0	35
PL.27107	PL.9687	B	4ACSR	7.42Y	123.6	0.00	2.37	0.04	0	0	0	100	0.00	0.0	2.070	0.012	0	0	0	1
PD.2722	PL.27107	B	fuse6AMP	7.42Y	123.6	0.00	2.37	0.04	1	0	0	100	0.00	0.0	2.070	0.000	0	0	0	1
PL.45981	PD.2722	B	4ACSR	7.42Y	123.6	0.00	2.37	0.04	0	0	0	100	0.00	0.0	2.128	0.058	0	0	0	1
PL.45982	PL.45981	B	4ACSR	7.42Y	123.6	0.00	2.37	0.04	0	0	0	100	0.00	0.0	2.129	0.001	0	0	0	1
066614	PL.45982	B	Consumer	7.42Y	123.6	0.00	2.37	0.04	0	0	0	100	0.00	0.0	2.129	0.000	0	0	1	1
0666016	PL.45981	B	Consumer	7.42Y	123.6	0.00	2.37	0.00	0	0	0	100	0.00	0.0	2.128	0.000	0	0	0	0
PL.41441	PL.9687	B	4ACSR	7.42Y	123.6	0.01	2.38	18.51	16	124	59	90	0.01	0.0	2.067	0.009	0	0	0	34
PD.7439-A	PL.41441	B	Closed	7.42Y	123.6	0.00	2.38	18.51	0	124	59	90	0.00	0.0	2.067	0.000	0	0	0	34
PD.7439-B	PD.7439-A	B	Closed	7.42Y	123.6	0.00	2.38	18.51	0	124	59	90	0.00	0.0	2.067	0.000	0	0	0	34
PL.41442	PD.7439-B	B	4ACSR	7.40Y	123.4	0.26	2.64	18.51	16	124	59	90	0.25	0.2	2.372	0.305	0	0	0	34
PL.27109	PL.41442	B	4ACSR	7.40Y	123.4	0.00	2.64	17.82	15	119	57	90	0.00	0.0	2.377	0.004	0	0	0	32
PD.2405-A	PL.27109	B	Closed	7.40Y	123.4	0.00	2.64	17.82	0	119	57	90	0.00	0.0	2.377	0.000	0	0	0	32
PD.2405-B	PD.2405-A	B	Closed	7.40Y	123.4	0.00	2.64	17.82	0	119	57	90	0.00	0.0	2.377	0.000	0	0	0	32
PL.27110	PD.2405-B	B	4ACSR	7.37Y	122.9	0.45	3.10	17.82	15	119	57	90	0.42	0.3	2.924	0.547	0	0	0	32
PL.27113	PL.27110	B	4ACSR	7.37Y	122.9	0.00	3.10	0.00	0	0	0	100	0.00	0.0	2.953	0.029	0	0	0	0

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.2724	PL.27113	B	fuse6AMP	7.37Y	122.9	0.00	3.10	0.00	0	0	0	100	0.00	0.0	2.953	0.000	0	0	0	0
PL.27114	PD.2724	B	4ACSR	7.37Y	122.9	0.00	3.10	0.00	0	0	0	100	0.00	0.0	3.187	0.234	0	0	0	0
PL.4266	PL.27114	B	4ACSR	7.37Y	122.9	0.00	3.10	0.00	0	0	0	100	0.00	0.0	3.227	0.040	0	0	0	0
066613	PL.27114	B	Consumer	7.37Y	122.9	0.00	3.10	0.00	0	0	0	100	0.00	0.0	3.187	0.000	0	0	0	0
066601	PL.27114	B	Consumer	7.37Y	122.9	0.00	3.10	0.00	0	0	0	100	0.00	0.0	3.187	0.000	0	0	0	0
PL.9689	PL.27110	B	4ACSR	7.37Y	122.8	0.06	3.16	17.82	15	119	57	90	0.06	0.0	2.997	0.073	0	0	0	32
PL.41445	PL.9689	B	4ACSR	7.37Y	122.8	0.00	3.16	0.78	1	5	2	93	0.00	0.0	3.004	0.007	0	0	0	2
PD.7441	PL.41445	B	fuse6AMP	7.37Y	122.8	0.00	3.16	0.78	13	5	2	93	0.00	0.0	3.004	0.000	0	0	0	2
PL.41446	PD.7441	B	4ACSR	7.37Y	122.8	0.00	3.16	0.78	1	5	2	93	0.00	0.0	3.069	0.065	0	0	0	2
066611	PL.41446	B	Consumer	7.37Y	122.8	0.00	3.16	0.77	0	5	2	93	0.00	0.0	3.069	0.000	5	2	1	1
066612	PL.41446	B	Consumer	7.37Y	122.8	0.00	3.16	0.02	0	0	0	100	0.00	0.0	3.069	0.000	0	0	1	1
PL.27115	PL.9689	B	4ACSR	7.37Y	122.8	0.04	3.19	17.04	14	113	54	90	0.03	0.0	3.045	0.048	0	0	0	30
PD.3603	PL.27115	B	25L	7.37Y	122.8	0.00	3.19	17.04	68	113	54	90	0.00	0.0	3.045	0.000	0	0	0	30
PL.27116	PD.3603	B	4ACSR	7.36Y	122.6	0.20	3.40	17.04	14	113	54	90	0.18	0.2	3.302	0.257	0	0	0	30
PL.16445	PL.27116	B	4ACSR	7.36Y	122.6	0.01	3.41	12.93	11	86	41	90	0.01	0.0	3.321	0.020	0	0	0	24
PD.2160-A	PL.16445	B	Closed	7.36Y	122.6	0.00	3.41	12.93	0	86	41	90	0.00	0.0	3.321	0.000	0	0	0	24
PD.2160-B	PD.2160-A	B	Closed	7.36Y	122.6	0.00	3.41	12.93	0	86	41	90	0.00	0.0	3.321	0.000	0	0	0	24
PL.16446	PD.2160-B	B	4ACSR	7.35Y	122.5	0.07	3.48	12.93	11	86	41	90	0.05	0.1	3.435	0.113	0	0	0	24
PL.7931	PL.16446	B	4ACSR	7.35Y	122.5	0.00	3.48	0.37	0	2	1	89	0.00	0.0	3.471	0.036	0	0	0	2
PL.7932	PL.7931	B	4ACSR	7.35Y	122.5	0.00	3.48	0.37	0	2	1	89	0.00	0.0	3.497	0.026	0	0	0	1
065601	PL.7932	B	Consumer	7.35Y	122.5	0.00	3.48	0.37	0	2	1	89	0.00	0.0	3.497	0.000	2	1	1	1
065617	PL.7931	B	Consumer	7.35Y	122.5	0.00	3.48	0.00	0	0	0	100	0.00	0.0	3.471	0.000	0	0	1	1
PL.9694	PL.16446	B	4ACSR	7.35Y	122.5	0.04	3.52	12.56	11	83	40	90	0.03	0.0	3.502	0.067	0	0	0	22
PL.9695	PL.9694	B	4ACSR	7.35Y	122.4	0.06	3.57	11.88	10	79	38	90	0.03	0.0	3.604	0.102	0	0	0	21
PL.7937	PL.9695	B	4ACSR	7.34Y	122.4	0.07	3.64	10.70	9	71	34	90	0.04	0.1	3.741	0.137	0	0	0	18
PL.10105	PL.7937	B	4ACSR	7.33Y	122.2	0.16	3.80	10.41	9	69	33	90	0.09	0.1	4.080	0.338	0	0	0	16
PL.10106	PL.10105	B	4ACSR	7.33Y	122.2	0.03	3.83	8.94	8	59	28	90	0.01	0.0	4.146	0.067	0	0	0	14
065605	PL.10106	B	Consumer	7.33Y	122.2	0.00	3.83	0.00	0	0	0	100	0.00	0.0	4.146	0.000	0	0	0	0
PL.16434	PL.10106	B	4ACSR	7.33Y	122.2	0.00	3.83	0.73	1	5	2	93	0.00	0.0	4.154	0.008	0	0	0	3
PD.2721	PL.16434	B	fuse6AMP	7.33Y	122.2	0.00	3.83	0.73	13	5	2	93	0.00	0.0	4.154	0.000	0	0	0	3
PL.16435	PD.2721	B	4ACSR	7.33Y	122.2	0.00	3.83	0.73	1	5	2	93	0.00	0.0	4.229	0.075	0	0	0	3
PL.4260	PL.16435	B	4ACSR	7.33Y	122.2	0.00	3.84	0.69	1	5	2	93	0.00	0.0	4.292	0.063	0	0	0	2
PL.4261	PL.4260	B	4ACSR	7.33Y	122.2	0.00	3.84	0.69	1	5	2	93	0.00	0.0	4.405	0.113	0	0	0	2
065631	PL.4261	B	Consumer	7.33Y	122.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	4.405	0.000	0	0	1	1
PL.4265	PL.4261	B	4ACSR	7.33Y	122.2	0.00	3.84	0.69	1	5	2	93	0.00	0.0	4.483	0.078	0	0	0	1
065615	PL.4265	B	Consumer	7.33Y	122.2	0.00	3.84	0.69	0	5	2	93	0.00	0.0	4.483	0.000	5	2	1	1
065604	PL.16435	B	Consumer	7.33Y	122.2	0.00	3.83	0.04	0	0	0	100	0.00	0.0	4.229	0.000	0	0	1	1
PL.16436	PL.10106	B	4ACSR	7.33Y	122.2	0.00	3.84	8.21	7	54	26	90	0.00	0.0	4.157	0.011	0	0	0	11

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.7420-A	PL.16436	B	Closed	7.33Y	122.2	0.00	3.84	8.21	0	54	26	90	0.00	0.0	4.157	0.000	0	0	0	11
PD.7420-B	PD.7420-A	B	Closed	7.33Y	122.2	0.00	3.84	8.21	0	54	26	90	0.00	0.0	4.157	0.000	0	0	0	11
PL.16437	PD.7420-B	B	4ACSR	7.33Y	122.1	0.04	3.87	8.21	7	54	26	90	0.02	0.0	4.251	0.094	0	0	0	11
065607	PL.16437	B	Consumer	7.33Y	122.1	0.00	3.87	0.19	0	1	1	71	0.00	0.0	4.251	0.000	1	1	1	1
PL.41399	PL.16437	B	4ACSR	7.33Y	122.1	0.00	3.87	0.57	0	4	2	89	0.00	0.0	4.258	0.007	0	0	0	1
PD.7421	PL.41399	B	fuse6AMP	7.33Y	122.1	0.00	3.87	0.57	10	4	2	89	0.00	0.0	4.258	0.000	0	0	0	1
PL.41400	PD.7421	B	4ACSR	7.33Y	122.1	0.00	3.87	0.57	0	4	2	89	0.00	0.0	4.338	0.080	0	0	0	1
065606	PL.41400	B	Consumer	7.33Y	122.1	0.00	3.87	0.57	0	4	2	89	0.00	0.0	4.338	0.000	4	2	1	1
PL.31042	PL.16437	B	4ACSR	7.32Y	122.0	0.12	3.99	7.45	6	49	23	91	0.05	0.1	4.597	0.347	0	0	0	9
PL.31043	PL.31042	B	4ACSR	7.32Y	122.0	0.02	4.01	6.43	5	42	20	90	0.01	0.0	4.659	0.061	0	0	0	8
065711	PL.31043	B	Consumer	7.32Y	122.0	0.00	4.01	2.58	0	17	8	90	0.00	0.0	4.659	0.000	17	8	1	1
PL.7933	PL.31043	B	4ACSR	7.32Y	122.0	0.01	4.02	3.84	3	25	12	90	0.00	0.0	4.720	0.061	0	0	0	7
065701	PL.7933	B	Consumer	7.32Y	122.0	0.00	4.02	0.05	0	0	0	100	0.00	0.0	4.720	0.000	0	0	1	1
PL.7930	PL.7933	B	4ACSR	7.32Y	122.0	0.02	4.04	3.79	3	25	12	90	0.00	0.0	4.817	0.097	0	0	0	6
PL.41430	PL.7930	B	4ACSR	7.32Y	121.9	0.02	4.06	3.79	3	25	12	90	0.00	0.0	4.942	0.125	0	0	0	5
PL.41431	PL.41430	B	4ACSR	7.31Y	121.9	0.05	4.11	2.96	2	20	9	91	0.01	0.0	5.284	0.342	0	0	0	4
066709	PL.41431	B	Consumer	7.31Y	121.9	0.00	4.11	1.19	0	8	4	89	0.00	0.0	5.284	0.000	8	4	1	1
PL.7929	PL.41431	B	4ACSR	7.31Y	121.9	0.00	4.11	1.77	1	12	6	89	0.00	0.0	5.332	0.048	0	0	0	3
PL.41237	PL.7929	B	4ACSR	7.31Y	121.9	0.01	4.12	1.15	1	8	4	89	0.00	0.0	5.568	0.236	0	0	0	1
PL.41436	PL.41237	B	4ACSR	7.31Y	121.9	0.00	4.12	1.15	1	8	4	89	0.00	0.0	5.572	0.004	0	0	0	1
PD.7436	PL.41436	B	fuse6AMP	7.31Y	121.9	0.00	4.12	1.15	20	8	4	89	0.00	0.0	5.572	0.000	0	0	0	1
PL.41435	PD.7436	B	4ACSR	7.31Y	121.9	0.00	4.12	1.15	1	8	4	89	0.00	0.0	5.616	0.044	0	0	0	1
066715	PL.41435	B	Consumer	7.31Y	121.9	0.00	4.12	1.15	0	8	4	89	0.00	0.0	5.616	0.000	8	4	1	1
PL.41236	PL.41237	B	4ACSR	7.31Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	5.625	0.057	0	0	0	0
PD.7241-B	PL.41236	B	Open	7.31Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	5.625	0.000	0	0	0	0
066704	PL.7929	B	Consumer	7.31Y	121.9	0.00	4.11	0.62	0	4	2	89	0.00	0.0	5.332	0.000	4	2	1	1
066708	PL.7929	B	Consumer	7.31Y	121.9	0.00	4.11	0.00	0	0	0	100	0.00	0.0	5.332	0.000	0	0	1	1
PL.41433	PL.41430	B	2ACSR	7.32Y	121.9	0.00	4.06	0.83	1	6	2	95	0.00	0.0	4.946	0.004	0	0	0	1
PD.7435	PL.41433	B	fuse6AMP	7.32Y	121.9	0.00	4.06	0.83	14	6	2	95	0.00	0.0	4.946	0.000	0	0	0	1
PL.41434	PD.7435	B	2ACSR	7.32Y	121.9	0.00	4.06	0.83	1	6	2	95	0.00	0.0	4.972	0.026	0	0	0	1
PL.41432	PL.41434	B	1/0EPRJCN	7.32Y	121.9	0.00	4.06	0.83	0	6	2	95	0.00	0.0	5.003	0.031	0	0	0	1
0667018	PL.41432	B	Consumer	7.32Y	121.9	0.00	4.06	0.84	0	6	3	89	0.00	0.0	5.003	0.000	6	3	1	1
066701	PL.7930	B	Consumer	7.32Y	122.0	0.00	4.04	0.00	0	0	0	100	0.00	0.0	4.817	0.000	0	0	1	1
066702	PL.7930	B	Consumer	7.32Y	122.0	0.00	4.04	0.00	0	0	0	100	0.00	0.0	4.817	0.000	0	0	0	0
PL.41401	PL.31042	B	4ACSR	7.32Y	122.0	0.00	3.99	1.02	1	7	3	92	0.00	0.0	4.603	0.005	0	0	0	1
PD.7422	PL.41401	B	fuse6AMP	7.32Y	122.0	0.00	3.99	1.02	17	7	3	92	0.00	0.0	4.603	0.000	0	0	0	1
PL.41402	PD.7422	B	4ACSR	7.32Y	122.0	0.00	3.99	1.02	1	7	3	92	0.00	0.0	4.679	0.076	0	0	0	1
0657033	PL.41402	B	Consumer	7.32Y	122.0	0.00	3.99	1.02	0	7	3	92	0.00	0.0	4.679	0.000	7	3	1	1

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.41397	PL.10105	B	4ACSR	7.33Y	122.2	0.00	3.80	1.47	1	10	5	89	0.00	0.0	4.085	0.006	0	0	0	2
PD.7419	PL.41397	B	fuse6AMP	7.33Y	122.2	0.00	3.80	1.47	25	10	5	89	0.00	0.0	4.085	0.000	0	0	0	2
PL.41398	PD.7419	B	4ACSR	7.33Y	122.2	0.00	3.81	1.47	1	10	5	89	0.00	0.0	4.130	0.045	0	0	0	2
065624	PL.41398	B	Consumer	7.33Y	122.2	0.00	3.81	1.02	0	7	3	92	0.00	0.0	4.130	0.000	7	3	1	1
PL.7935	PL.41398	B	4ACSR	7.33Y	122.2	0.00	3.81	0.44	0	3	1	95	0.00	0.0	4.264	0.134	0	0	0	1
065603	PL.7935	B	Consumer	7.33Y	122.2	0.00	3.81	0.44	0	3	1	95	0.00	0.0	4.264	0.000	3	1	1	1
065627	PL.7937	B	Consumer	7.34Y	122.4	0.00	3.64	0.00	0	0	0	100	0.00	0.0	3.741	0.000	0	0	1	1
PL.41395	PL.7937	B	4ACSR	7.34Y	122.4	0.00	3.64	0.29	0	2	1	89	0.00	0.0	3.750	0.009	0	0	0	1
PL.41393	PL.41395	B	4ACSR	7.34Y	122.4	0.00	3.64	0.29	0	2	1	89	0.00	0.0	3.836	0.086	0	0	0	1
065602	PL.41393	B	Consumer	7.34Y	122.4	0.00	3.64	0.29	0	2	1	89	0.00	0.0	3.836	0.000	2	1	1	1
PL.41396	PL.41395	B	4ACSR	7.34Y	122.4	0.00	3.64	0.00	0	0	0	100	0.00	0.0	3.813	0.063	0	0	0	0
065622	PL.9695	B	Consumer	7.35Y	122.4	0.00	3.57	0.00	0	0	0	100	0.00	0.0	3.604	0.000	0	0	0	0
065625	PL.9695	B	Consumer	7.35Y	122.4	0.00	3.57	0.76	0	5	2	93	0.00	0.0	3.604	0.000	5	2	1	1
065620	PL.9695	B	Consumer	7.35Y	122.4	0.00	3.57	0.41	0	3	1	95	0.00	0.0	3.604	0.000	3	1	1	1
065629	PL.9695	B	Consumer	7.35Y	122.4	0.00	3.57	0.01	0	0	0	100	0.00	0.0	3.604	0.000	0	0	1	1
PL.24415	PL.9694	B	4ACSR	7.35Y	122.5	0.00	3.52	0.68	1	5	2	93	0.00	0.0	3.592	0.091	0	0	0	1
065619	PL.24415	B	Consumer	7.35Y	122.5	0.00	3.52	0.00	0	0	0	100	0.00	0.0	3.592	0.000	0	0	0	0
065612	PL.24415	B	Consumer	7.35Y	122.5	0.00	3.52	0.68	0	5	2	93	0.00	0.0	3.592	0.000	5	2	1	1
PL.9690	PL.27116	B	4ACSR	7.36Y	122.6	0.02	3.41	4.11	3	27	13	90	0.00	0.0	3.390	0.088	0	0	0	6
PL.24402	PL.9690	B	4ACSR	7.35Y	122.6	0.00	3.42	1.34	1	9	4	91	0.00	0.0	3.465	0.075	0	0	0	1
PL.3827	PL.24402	B	4ACSR	7.35Y	122.6	0.00	3.42	1.34	1	9	4	91	0.00	0.0	3.535	0.071	0	0	0	1
065558	PL.3827	B	Consumer	7.35Y	122.6	0.00	3.42	1.34	0	9	4	91	0.00	0.0	3.535	0.000	9	4	1	1
PL.3828	PL.24402	B	4ACSR	7.35Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	3.465	0.000	0	0	0	0
PL.16447	PL.9690	B	4ACSR	7.35Y	122.6	0.00	3.42	2.77	2	18	9	89	0.00	0.0	3.419	0.029	0	0	0	4
PD.2725	PL.16447	B	fuse6AMP	7.35Y	122.6	0.00	3.42	2.77	47	18	9	89	0.00	0.0	3.419	0.000	0	0	0	4
PL.16448	PD.2725	B	4ACSR	7.35Y	122.6	0.01	3.43	2.77	2	18	9	89	0.00	0.0	3.503	0.084	0	0	0	4
PL.4454	PL.16448	B	4ACSR	7.35Y	122.6	0.00	3.43	2.77	2	18	9	89	0.00	0.0	3.535	0.032	0	0	0	4
PL.4455	PL.4454	B	4ACSR	7.35Y	122.6	0.00	3.44	2.10	2	14	7	89	0.00	0.0	3.560	0.025	0	0	0	3
PL.24400	PL.4455	B	4ACSR	7.35Y	122.6	0.00	3.44	2.10	2	14	7	89	0.00	0.0	3.594	0.034	0	0	0	3
PL.24401	PL.24400	B	4ACSR	7.35Y	122.6	0.00	3.44	0.83	1	6	3	89	0.00	0.0	3.719	0.126	0	0	0	1
066615	PL.24401	B	Consumer	7.35Y	122.6	0.00	3.44	0.83	0	6	3	89	0.00	0.0	3.719	0.000	6	3	1	1
065626	PL.24400	B	Consumer	7.35Y	122.6	0.00	3.44	1.27	0	8	4	89	0.00	0.0	3.594	0.000	8	4	1	1
065630	PL.24400	B	Consumer	7.35Y	122.6	0.00	3.44	0.00	0	0	0	100	0.00	0.0	3.594	0.000	0	0	1	1
065559	PL.4454	B	Consumer	7.35Y	122.6	0.00	3.43	0.66	0	4	2	89	0.00	0.0	3.535	0.000	4	2	1	1
065538	PL.4454	B	Consumer	7.35Y	122.6	0.00	3.43	0.00	0	0	0	100	0.00	0.0	3.535	0.000	0	0	0	0
PL.9691	PL.9690	B	4ACSR	7.36Y	122.6	0.00	3.41	0.01	0	0	0	100	0.00	0.0	3.428	0.038	0	0	0	1
PL.9692	PL.9691	B	4ACSR	7.36Y	122.6	0.00	3.41	0.00	0	0	0	100	0.00	0.0	3.485	0.057	0	0	0	0
PD.2161-B	PL.9692	B	Open	7.36Y	122.6	0.00	3.41	0.00	0	0	0	100	0.00	0.0	3.485	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: TRAPP

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
065623	PL.9691	B	Consumer	7.36Y	122.6	0.00	3.41	0.01	0	0	0	100	0.00	0.0	3.428	0.000	0	0	1	1
PL.41443	PL.41442	B	4ACSR	7.40Y	123.4	0.00	2.64	0.25	0	2	1	89	0.00	0.0	2.380	0.007	0	0	0	1
PD.7440	PL.41443	B	fuse6AMP	7.40Y	123.4	0.00	2.64	0.25	4	2	1	89	0.00	0.0	2.380	0.000	0	0	0	1
PL.41444	PD.7440	B	4ACSR	7.40Y	123.4	0.00	2.64	0.25	0	2	1	89	0.00	0.0	2.424	0.044	0	0	0	1
066604	PL.41444	B	Consumer	7.40Y	123.4	0.00	2.64	0.25	0	2	1	89	0.00	0.0	2.424	0.000	2	1	1	1
PL.27111	PL.41442	B	4ACSR	7.40Y	123.4	0.00	2.64	0.44	0	3	1	95	0.00	0.0	2.385	0.013	0	0	0	1
PD.2723	PL.27111	B	fuse6AMP	7.40Y	123.4	0.00	2.64	0.44	7	3	1	95	0.00	0.0	2.385	0.000	0	0	0	1
PL.27112	PD.2723	B	4ACSR	7.40Y	123.4	0.01	2.65	0.44	0	3	1	95	0.00	0.0	2.662	0.277	0	0	0	1
066603	PL.27112	B	Consumer	7.40Y	123.4	0.00	2.65	0.44	0	3	1	95	0.00	0.0	2.662	0.000	3	1	1	1
PL.26881	PL.25900	B	4ACSR	7.43Y	123.9	0.00	2.08	1.60	1	11	5	91	0.00	0.0	1.773	0.010	0	0	0	1
PD.3151	PL.26881	B	fuse6AMP	7.43Y	123.9	0.00	2.08	1.60	27	11	5	91	0.00	0.0	1.773	0.000	0	0	0	1
PL.27102	PD.3151	B	4ACSR	7.43Y	123.9	0.00	2.09	1.60	1	11	5	91	0.00	0.0	1.816	0.043	0	0	0	1
067612	PL.27102	B	Consumer	7.43Y	123.9	0.00	2.09	1.60	0	11	5	91	0.00	0.0	1.816	0.000	11	5	1	1
067617	PL.25197	B	Consumer	7.44Y	124.1	0.00	1.93	0.72	0	5	2	93	0.00	0.0	1.629	0.000	5	2	1	1
PL.26879	PL.26878	B	4ACSR	7.46Y	124.3	0.00	1.67	0.97	1	7	3	92	0.00	0.0	1.425	0.019	0	0	0	1
PD.3150	PL.26879	B	fuse6AMP	7.46Y	124.3	0.00	1.67	0.97	17	7	3	92	0.00	0.0	1.425	0.000	0	0	0	1
PL.26880	PD.3150	B	4ACSR	7.46Y	124.3	0.00	1.67	0.97	1	7	3	92	0.00	0.0	1.485	0.060	0	0	0	1
067702	PL.26880	B	Consumer	7.46Y	124.3	0.00	1.67	0.97	0	7	3	92	0.00	0.0	1.485	0.000	7	3	1	1
PL.4149	PL.25896	B	4ACSR	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	0.652	0.028	0	0	0	1
068717	PL.4149	B	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	0.652	0.000	0	0	1	1
PL.3953	PL.20652	C	4ACSR	7.55Y	125.9	0.01	0.11	1.97	2	13	6	91	0.00	0.0	0.189	0.068	0	0	0	2
068749	PL.3953	C	Consumer	7.55Y	125.9	0.00	0.11	0.49	0	3	2	83	0.00	0.0	0.189	0.000	3	2	1	1
PL.3952	PL.3953	C	4ACSR	7.55Y	125.9	0.00	0.11	1.48	1	10	5	89	0.00	0.0	0.242	0.053	0	0	0	1
PL.3951	PL.3952	C	4ACSR	7.55Y	125.9	0.00	0.12	1.48	1	10	5	89	0.00	0.0	0.301	0.059	0	0	0	1
068750	PL.3951	C	Consumer	7.55Y	125.9	0.00	0.12	1.48	0	10	5	89	0.00	0.0	0.301	0.000	10	5	1	1
068734	PL.20652	A	Consumer	7.56Y	126.0	0.00	0.03	0.52	0	4	2	89	0.00	0.0	0.121	0.000	4	2	1	1
068747	PL.32935	C	Consumer	7.56Y	126.0	0.00	0.03	0.16	0	1	1	71	0.00	0.0	0.039	0.000	1	1	1	1
068705	PL.32935	C	Consumer	7.56Y	126.0	0.00	0.03	0.80	0	5	3	86	0.00	0.0	0.039	0.000	5	3	1	1
068752	PL.32935	C	Consumer	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	0.039	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	2820	0	0	0	0	0	44	0.00		2864
KVAR	1331	0	-330	-2	0	0	40			1039

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 121.21 volts on PL.4031	4.79 volts on PL.4031	0.46 volts on PL.11034
B-Phase -> 121.88 volts on PL.41435	4.12 volts on PL.41435	0.60 volts on PL.41204
C-Phase -> 121.58 volts on PL.24272	4.42 volts on PL.24272	0.46 volts on PL.27386

Unbalanced Voltage Drop Report
Source: TREEHAVEN

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. 3 (TREEHAVEN3) Beginning with Device PD.3925.

Unbalanced Voltage Drop Report
Source: TREEHAVEN

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 662107, 662104, 663122, etc.

----- Feeder No. 1 (TREEHAVEN1) Beginning with Device PD.3924 -----

Unbalanced Voltage Drop Report
Source: TREEHAVEN

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 PD.3924, PL.32927, PL.20176, etc.

Unbalanced Voltage Drop Report
Source: TREEHAVEN

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.25561, 660401, PL.10081, etc.

----- Feeder No. 4 (TREEHAVEN4) Beginning with Device PD.3926 -----

Unbalanced Voltage Drop Report
Source: TREEHAVEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.3926	PL.32930	A	VWVE	7.56Y	126.0	0.00	-0.00	36.79	0	245	131	88	0.00	0.0	0.005	0.000	0	0	0	49
		B		7.56Y	126.0	0.00	0.00	65.14	0	375	319	76					0	0	0	65
		C		7.56Y	126.0	0.00	0.01	94.69	0	513	500	72					0	0	0	88
PL.32931	PD.3926	A	336ACSR	7.56Y	126.0	-0.00	-0.00	36.79	8	245	131	88	0.66	0.1	0.159	0.153	0	0	0	49
		B		7.55Y	125.9	0.12	0.13	65.14	15	375	319	76					0	0	0	65
		C		7.55Y	125.8	0.19	0.20	94.69	21	513	500	72					0	0	0	88
PL.8784	PL.32931	A	1/0ACSR	7.56Y	126.0	0.03	0.02	34.83	17	236	118	89	0.35	0.0	0.213	0.054	0	0	0	47
		B		7.55Y	125.8	0.09	0.21	65.19	32	375	319	76					0	0	0	65
		C		7.55Y	125.8	0.04	0.24	41.57	21	273	154	87					0	0	0	43
PL.9215	PL.8784	A	1/0ACSR	7.56Y	125.9	0.06	0.08	34.74	17	235	117	90	0.59	0.1	0.316	0.103	0	0	0	47
		B		7.54Y	125.6	0.16	0.37	61.56	31	358	296	77					0	0	0	61
		C		7.54Y	125.7	0.06	0.30	38.19	19	257	131	89					0	0	0	40
665306	PL.9215	B	Consumer	7.54Y	125.6	0.00	0.37	1.51	0	6	9	55	0.00	0.0	0.316	0.000	6	9	1	1
665305	PL.9215	B	Consumer	7.54Y	125.6	0.00	0.37	1.00	0	4	6	55	0.00	0.0	0.316	0.000	4	6	1	1
665307	PL.9215	B	Consumer	7.54Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	0.316	0.000	0	0	0	0
665326	PL.9215	B	Consumer	7.54Y	125.6	0.00	0.37	0.31	0	2	1	89	0.00	0.0	0.316	0.000	2	1	1	1
PL.9214	PL.9215	A	1/0ACSR	7.55Y	125.9	0.03	0.11	34.74	17	235	117	90	0.26	0.0	0.365	0.049	0	0	0	47
		B		7.53Y	125.6	0.07	0.44	58.85	29	345	279	78					0	0	0	58
		C		7.54Y	125.7	0.03	0.32	38.19	19	257	131	89					0	0	0	40
PL.29458	PL.9214	A	1/0EPRJCN	7.55Y	125.9	0.00	0.11	17.05	9	73	106	57	0.00	0.0	0.367	0.002	0	0	0	17
C PD.2961	PL.29458	A	fuse6AMP	7.55Y	125.9	0.00	0.11	17.05	291	73	106	57	0.00	0.0	0.367	0.000	0	0	0	17 C
PL.29459	PD.2961	A	1/0EPRJCN	7.55Y	125.9	0.02	0.12	17.05	9	73	106	57	0.02	0.0	0.421	0.054	0	0	0	17
PL.29403	PL.29459	A	1/0EPRJCN	7.55Y	125.9	0.01	0.13	8.80	5	38	55	57	0.00	0.0	0.459	0.037	0	0	0	10
PL.29404	PL.29403	A	1/0EPRJCN	7.55Y	125.9	0.00	0.13	2.49	1	11	15	59	0.00	0.0	0.497	0.038	0	0	0	4
665412	PL.29404	A	Consumer	7.55Y	125.9	0.00	0.13	0.60	0	3	4	60	0.00	0.0	0.497	0.000	3	4	1	1
665417	PL.29404	A	Consumer	7.55Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	0.497	0.000	0	0	0	0
665416	PL.29404	A	Consumer	7.55Y	125.9	0.00	0.13	0.06	0	0	0	100	0.00	0.0	0.497	0.000	0	0	1	1
665418	PL.29404	A	Consumer	7.55Y	125.9	0.00	0.13	1.65	0	7	10	57	0.00	0.0	0.497	0.000	7	10	1	1
665426	PL.29404	A	Consumer	7.55Y	125.9	0.00	0.13	0.20	0	1	1	71	0.00	0.0	0.497	0.000	1	1	1	1
665410	PL.29403	A	Consumer	7.55Y	125.9	0.00	0.13	0.92	0	4	6	55	0.00	0.0	0.459	0.000	4	6	1	1
665414	PL.29403	A	Consumer	7.55Y	125.9	0.00	0.13	1.01	0	4	6	55	0.00	0.0	0.459	0.000	4	6	1	1
665413	PL.29403	A	Consumer	7.55Y	125.9	0.00	0.13	1.08	0	5	7	58	0.00	0.0	0.459	0.000	5	7	1	1
665411	PL.29403	A	Consumer	7.55Y	125.9	0.00	0.13	1.28	0	6	8	60	0.00	0.0	0.459	0.000	6	8	1	1
665409	PL.29403	A	Consumer	7.55Y	125.9	0.00	0.13	0.86	0	4	5	62	0.00	0.0	0.459	0.000	4	5	1	1
665415	PL.29403	A	Consumer	7.55Y	125.9	0.00	0.13	1.19	0	5	7	58	0.00	0.0	0.459	0.000	5	7	1	1
665308	PL.29459	A	Consumer	7.55Y	125.9	0.00	0.12	1.56	0	7	10	57	0.00	0.0	0.421	0.000	7	10	1	1
665311	PL.29459	A	Consumer	7.55Y	125.9	0.00	0.12	1.37	0	6	9	55	0.00	0.0	0.421	0.000	6	9	1	1
665313	PL.29459	A	Consumer	7.55Y	125.9	0.00	0.12	1.13	0	5	7	58	0.00	0.0	0.421	0.000	5	7	1	1
665314	PL.29459	A	Consumer	7.55Y	125.9	0.00	0.12	0.79	0	3	5	51	0.00	0.0	0.421	0.000	3	5	1	1
665310	PL.29459	A	Consumer	7.55Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	0.421	0.000	0	0	0	0
665309	PL.29459	A	Consumer	7.55Y	125.9	0.00	0.12	0.92	0	4	6	55	0.00	0.0	0.421	0.000	4	6	1	1
665315	PL.29459	A	Consumer	7.55Y	125.9	0.00	0.12	2.04	0	9	13	57	0.00	0.0	0.421	0.000	9	13	1	1
665312	PL.29459	A	Consumer	7.55Y	125.9	0.00	0.12	0.46	0	2	3	55	0.00	0.0	0.421	0.000	2	3	1	1

Unbalanced Voltage Drop Report
Source: TREEHAVEN

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 665302 through PL.8785.

Unbalanced Voltage Drop Report
Source: TREEHAVEN

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 PL.9807, PL.29420, 664107, 664109, 664108, PL.29421, PL.29016, PL.28946, 663131, 663126, 663121, 663125, 663128, PL.19637, PL.19638, PL.29445, PL.29446, PL.29414, PL.29415, 662210, 662211, 662209, 662207, 662212, 662208, PL.29447, 663210, 663218, 663220, 663217, 663216.

Unbalanced Voltage Drop Report
Source: TREEHAVEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	
663219	PL.29447	B	Consumer	7.49Y	124.8	0.00	1.19	1.46	0	6	9	55	0.00	0.0	1.082	0.000	6	9	1	1
663215	PL.29447	B	Consumer	7.49Y	124.8	0.00	1.19	1.53	0	7	9	61	0.00	0.0	1.082	0.000	7	9	1	1
663207	PL.29447	B	Consumer	7.49Y	124.8	0.00	1.19	2.24	0	10	14	58	0.00	0.0	1.082	0.000	10	14	1	1
PL.29631	PL.29447	B	2ALUD	7.49Y	124.8	-0.00	1.19	-0.03	0	0	0	100	0.00	0.0	1.135	0.053	0	0	0	0
663107	PL.29414	B	Consumer	7.49Y	124.8	0.00	1.15	1.39	0	6	9	55	0.00	0.0	0.990	0.000	6	9	1	1
663104	PL.29414	B	Consumer	7.49Y	124.8	0.00	1.15	1.48	0	6	9	55	0.00	0.0	0.990	0.000	6	9	1	1
663205	PL.29414	B	Consumer	7.49Y	124.8	0.00	1.15	1.05	0	4	7	50	0.00	0.0	0.990	0.000	4	7	1	1
663206	PL.29414	B	Consumer	7.49Y	124.8	0.00	1.15	2.25	0	10	14	58	0.00	0.0	0.990	0.000	10	14	1	1
663208	PL.29414	B	Consumer	7.49Y	124.8	0.00	1.15	1.17	0	5	7	58	0.00	0.0	0.990	0.000	5	7	1	1
663105	PL.29414	B	Consumer	7.49Y	124.8	0.00	1.15	3.16	0	13	20	54	0.00	0.0	0.990	0.000	13	20	1	1
663209	PL.29446	B	Consumer	7.49Y	124.9	0.00	1.14	1.24	0	5	8	53	0.00	0.0	0.970	0.000	5	8	1	1
662202	PL.29446	B	Consumer	7.49Y	124.9	0.00	1.14	0.97	0	4	6	55	0.00	0.0	0.970	0.000	4	6	1	1
662201	PL.29446	B	Consumer	7.49Y	124.9	0.00	1.14	0.99	0	4	6	55	0.00	0.0	0.970	0.000	4	6	1	1
662101	PL.29446	B	Consumer	7.49Y	124.9	0.00	1.14	0.59	0	2	4	45	0.00	0.0	0.970	0.000	2	4	1	1
663109	PL.29446	B	Consumer	7.49Y	124.9	0.00	1.14	1.67	0	7	10	57	0.00	0.0	0.970	0.000	7	10	1	1
663108	PL.29446	B	Consumer	7.49Y	124.9	0.00	1.14	1.20	0	5	7	58	0.00	0.0	0.970	0.000	5	7	1	1
662203	PL.29445	B	Consumer	7.49Y	124.9	0.00	1.11	0.00	0	0	0	100	0.00	0.0	0.940	0.000	0	0	0	0
662206	PL.29445	B	Consumer	7.49Y	124.9	0.00	1.11	0.91	0	4	6	55	0.00	0.0	0.940	0.000	4	6	1	1
662205	PL.29445	B	Consumer	7.49Y	124.9	0.00	1.11	1.84	0	8	11	59	0.00	0.0	0.940	0.000	8	11	1	1
662102	PL.29445	B	Consumer	7.49Y	124.9	0.00	1.11	1.16	0	5	7	58	0.00	0.0	0.940	0.000	5	7	1	1
662204	PL.29445	B	Consumer	7.49Y	124.9	0.00	1.11	1.76	0	7	11	54	0.00	0.0	0.940	0.000	7	11	1	1
662115	PL.19638	A B	Consumer	7.55Y 7.50Y	125.8 125.0	0.00 0.00	0.15 1.04	0.92 0.93	0 0	4 4	6 6	55 57	0.00 0.00	0.0 0.0	0.871	0.000	4 4	6 6	1 1	1 1
662118	PL.19638	A B	Consumer	7.55Y 7.50Y	125.8 125.0	0.00 0.00	0.15 1.04	0.89 0.89	0 0	4 4	6 6	55 57	0.00 0.00	0.0 0.0	0.871	0.000	4 4	6 6	1 1	1 1
662116	PL.19638	A B	Consumer	7.55Y 7.50Y	125.8 125.0	0.00 0.00	0.15 1.04	0.62 0.63	0 0	3 3	4 4	60 57	0.00 0.00	0.0 0.0	0.871	0.000	3 3	4 4	1 1	1 1
662119	PL.19638	A B	Consumer	7.55Y 7.50Y	125.8 125.0	0.00 0.00	0.15 1.04	0.50 0.51	0 0	2 2	3 3	55 57	0.00 0.00	0.0 0.0	0.871	0.000	2 2	3 3	1 1	1 1
662120	PL.19638	A B	Consumer	7.55Y 7.50Y	125.8 125.0	0.00 0.00	0.15 1.04	0.45 0.46	0 0	2 2	3 3	55 57	0.00 0.00	0.0 0.0	0.871	0.000	2 2	3 3	1 1	1 1
662117	PL.19638	A B	Consumer	7.55Y 7.50Y	125.8 125.0	0.00 0.00	0.15 1.04	0.97 0.98	0 0	4 4	6 6	55 57	0.00 0.00	0.0 0.0	0.871	0.000	4 4	6 6	1 1	1 1
663129	PL.19637	A B	Consumer	7.55Y 7.50Y	125.8 125.0	0.00 0.00	0.16 1.01	0.11 0.11	0 0	0 0	1 1	0 57	0.00 0.00	0.0 0.0	0.848	0.000	0 0	1 1	1 1	1 1
663127	PL.19637	A B	Consumer	7.55Y 7.50Y	125.8 125.0	0.00 0.00	0.16 1.01	0.65 0.66	0 0	3 3	4 4	60 57	0.00 0.00	0.0 0.0	0.848	0.000	3 3	4 4	1 1	1 1
662113	PL.19637	A B	Consumer	7.55Y 7.50Y	125.8 125.0	0.00 0.00	0.16 1.01	0.70 0.71	0 0	3 3	4 4	60 57	0.00 0.00	0.0 0.0	0.848	0.000	3 3	4 4	1 1	1 1
662114	PL.19637	A B	Consumer	7.55Y 7.50Y	125.8 125.0	0.00 0.00	0.16 1.01	1.80 1.82	0 0	8 8	11 11	59 57	0.00 0.00	0.0 0.0	0.848	0.000	8 8	11 11	1 1	1 1
662121	PL.19637	A B	Consumer	7.55Y 7.50Y	125.8 125.0	0.00 0.00	0.16 1.01	0.56 0.56	0 0	2 2	3 3	55 57	0.00 0.00	0.0 0.0	0.848	0.000	2 2	3 3	1 1	1 1

Unbalanced Voltage Drop Report
Source: TREEHAVEN

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 663130 through 664113 and various PL and PD entries.

Unbalanced Voltage Drop Report
Source: TREEHAVEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
664229	PL.10074	C	Consumer	7.54Y	125.6	0.00	0.40	1.76	0	8	11	59	0.00	0.0	0.622	0.000	8	11	1	1
664230	PL.10074	C	Consumer	7.54Y	125.6	0.00	0.40	1.07	0	5	7	58	0.00	0.0	0.622	0.000	5	7	1	1
PL.7810	PL.10074	C	1/0EPRJCN	7.54Y	125.6	0.01	0.41	23.93	13	103	148	57	0.02	0.0	0.646	0.024	0	0	0	19
664117	PL.7810	C	Consumer	7.54Y	125.6	0.00	0.41	1.40	0	6	9	55	0.00	0.0	0.646	0.000	6	9	1	1
664115	PL.7810	C	Consumer	7.54Y	125.6	0.00	0.41	1.35	0	6	8	60	0.00	0.0	0.646	0.000	6	8	1	1
664116	PL.7810	C	Consumer	7.54Y	125.6	0.00	0.41	1.57	0	7	10	57	0.00	0.0	0.646	0.000	7	10	1	1
PL.7809	PL.7810	C	1/0EPRJCN	7.53Y	125.6	0.01	0.43	19.63	10	84	122	57	0.02	0.0	0.683	0.037	0	0	0	16
664103	PL.7809	C	Consumer	7.53Y	125.6	0.00	0.43	1.74	0	7	11	54	0.00	0.0	0.683	0.000	7	11	1	1
664105	PL.7809	C	Consumer	7.53Y	125.6	0.00	0.43	1.02	0	4	6	55	0.00	0.0	0.683	0.000	4	6	1	1
663102	PL.7809	C	Consumer	7.53Y	125.6	0.00	0.43	0.43	0	2	3	55	0.00	0.0	0.683	0.000	2	3	1	1
664104	PL.7809	C	Consumer	7.53Y	125.6	0.00	0.43	1.82	0	8	11	59	0.00	0.0	0.683	0.000	8	11	1	1
663103	PL.7809	C	Consumer	7.53Y	125.6	0.00	0.43	0.77	0	3	5	51	0.00	0.0	0.683	0.000	3	5	1	1
PL.7802	PL.7809	C	1/0EPRJCN	7.53Y	125.6	0.01	0.43	13.87	7	59	86	57	0.01	0.0	0.706	0.024	0	0	0	11
PL.29406	PL.7802	C	1/0EPRJCN	7.53Y	125.6	0.01	0.44	13.88	7	59	86	57	0.01	0.0	0.738	0.031	0	0	0	11
PL.29407	PL.29406	C	1/0EPRJCN	7.53Y	125.6	0.00	0.44	5.17	3	22	32	57	0.00	0.0	0.766	0.028	0	0	0	5
663232	PL.29407	C	Consumer	7.53Y	125.6	0.00	0.44	0.62	0	3	4	60	0.00	0.0	0.766	0.000	3	4	1	1
663212	PL.29407	C	Consumer	7.53Y	125.6	0.00	0.44	0.00	0	0	0	100	0.00	0.0	0.766	0.000	0	0	0	0
663236	PL.29407	C	Consumer	7.53Y	125.6	0.00	0.44	2.18	0	9	13	57	0.00	0.0	0.766	0.000	9	13	1	1
663231	PL.29407	C	Consumer	7.53Y	125.6	0.00	0.44	1.09	0	5	7	58	0.00	0.0	0.766	0.000	5	7	1	1
663233	PL.29407	C	Consumer	7.53Y	125.6	0.00	0.44	0.66	0	3	4	60	0.00	0.0	0.766	0.000	3	4	1	1
663211	PL.29407	C	Consumer	7.53Y	125.6	0.00	0.44	0.64	0	3	4	60	0.00	0.0	0.766	0.000	3	4	1	1
663213	PL.29406	C	Consumer	7.53Y	125.6	0.00	0.44	0.74	0	3	5	51	0.00	0.0	0.738	0.000	3	5	1	1
664211	PL.29406	C	Consumer	7.53Y	125.6	0.00	0.44	1.92	0	8	12	55	0.00	0.0	0.738	0.000	8	12	1	1
664216	PL.29406	C	Consumer	7.53Y	125.6	0.00	0.44	0.00	0	0	0	100	0.00	0.0	0.738	0.000	0	0	0	0
663203	PL.29406	C	Consumer	7.53Y	125.6	0.00	0.44	0.79	0	3	5	51	0.00	0.0	0.738	0.000	3	5	1	1
663204	PL.29406	C	Consumer	7.53Y	125.6	0.00	0.44	1.37	0	6	9	55	0.00	0.0	0.738	0.000	6	9	1	1
664213	PL.29406	C	Consumer	7.53Y	125.6	0.00	0.44	2.38	0	10	15	55	0.00	0.0	0.738	0.000	10	15	1	1
663214	PL.29406	C	Consumer	7.53Y	125.6	0.00	0.44	1.52	0	7	9	61	0.00	0.0	0.738	0.000	7	9	1	1
PL.29456	PL.8488	A	1/0EPRJCN	7.55Y	125.9	0.00	0.11	4.95	3	21	31	56	0.00	0.0	0.442	0.001	0	0	0	3
P		B		7.53Y	125.5	-0.00	0.52	-0.07	0	0	-1	0					0	0	0	0
		C		7.54Y	125.6	0.00	0.38	28.20	15	121	175	57					0	0	0	18
C PD.2963	PL.29456	A	fuse6AMP	7.55Y	125.9	0.00	0.11	4.96	85	21	31	56	0.00	0.0	0.442	0.000	0	0	0	3
		B		7.53Y	125.5	0.00	0.52	-0.07	1	0	-1	0					0	0	0	0
C		C		7.54Y	125.6	0.00	0.38	28.20	482	121	175	57					0	0	0	18
PL.29457	PD.2963	A	1/0EPRJCN	7.55Y	125.9	0.00	0.12	4.96	3	21	31	56	0.04	0.0	0.487	0.045	0	0	0	3
P		B		7.53Y	125.5	-0.00	0.52	-0.07	0	0	-1	0					0	0	0	0
		C		7.54Y	125.6	0.02	0.40	28.20	15	121	175	57					0	0	0	18
PL.29451	PL.29457	A	1/0EPRJCN	7.55Y	125.9	0.01	0.13	4.98	3	21	31	56	0.05	0.0	0.539	0.052	0	0	0	3
P		B		7.53Y	125.5	-0.00	0.52	-0.04	0	0	0	0					0	0	0	0
		C		7.53Y	125.6	0.02	0.42	28.22	15	121	175	57					0	0	0	18
P PL.29452	PL.29451	A	1/0EPRJCN	7.55Y	125.9	0.00	0.13	-0.01	0	0	0	100	0.01	0.0	0.552	0.013	0	0	0	0
		B		7.53Y	125.5	-0.00	0.52	-0.01	0	0	0	0					0	0	0	0
		C		7.53Y	125.6	0.00	0.43	20.47	11	88	127	57					0	0	0	13

Unbalanced Voltage Drop Report
Source: TREEHAVEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.29588	PL.29452	C	1/0EPRJCN	7.53Y	125.6	0.01	0.43	20.47	11	88	127	57	0.01	0.0	0.567	0.015	0	0	0	13
PL.29412	PL.29588	C	1/0EPRJCN	7.53Y	125.6	0.01	0.44	15.53	8	67	96	57	0.01	0.0	0.592	0.025	0	0	0	10
664314	PL.29412	C	Consumer	7.53Y	125.6	0.00	0.44	1.04	0	4	6	55	0.00	0.0	0.592	0.000	4	6	1	1
664306	PL.29412	C	Consumer	7.53Y	125.6	0.00	0.44	2.85	0	12	18	55	0.00	0.0	0.592	0.000	12	18	1	1
664315	PL.29412	C	Consumer	7.53Y	125.6	0.00	0.44	1.64	0	7	10	57	0.00	0.0	0.592	0.000	7	10	1	1
663315	PL.29412	C	Consumer	7.53Y	125.6	0.00	0.44	0.83	0	4	5	62	0.00	0.0	0.592	0.000	4	5	1	1
664317	PL.29412	C	Consumer	7.53Y	125.6	0.00	0.44	1.42	0	6	9	55	0.00	0.0	0.592	0.000	6	9	1	1
PL.29411	PL.29412	C	1/0EPRJCN	7.53Y	125.6	0.00	0.44	7.77	4	33	48	57	0.00	0.0	0.613	0.021	0	0	0	5
663317	PL.29411	C	Consumer	7.53Y	125.6	0.00	0.44	0.52	0	2	3	55	0.00	0.0	0.613	0.000	2	3	1	1
663316	PL.29411	C	Consumer	7.53Y	125.6	0.00	0.44	1.48	0	6	9	55	0.00	0.0	0.613	0.000	6	9	1	1
663307	PL.29411	C	Consumer	7.53Y	125.6	0.00	0.44	1.50	0	6	9	55	0.00	0.0	0.613	0.000	6	9	1	1
663318	PL.29411	C	Consumer	7.53Y	125.6	0.00	0.44	2.72	0	12	17	58	0.00	0.0	0.613	0.000	12	17	1	1
663306	PL.29411	C	Consumer	7.53Y	125.6	0.00	0.44	1.56	0	7	10	57	0.00	0.0	0.613	0.000	7	10	1	1
P PL.29410	PL.29411	C	1/0EPRJCN	7.53Y	125.6	0.00	0.44	-0.00	0	0	0	100	0.00	0.0	0.619	0.006	0	0	0	0 P
664316	PL.29588	C	Consumer	7.53Y	125.6	0.00	0.43	2.38	0	10	15	55	0.00	0.0	0.567	0.000	10	15	1	1
664228	PL.29588	C	Consumer	7.53Y	125.6	0.00	0.43	0.00	0	0	0	100	0.00	0.0	0.567	0.000	0	0	0	0
664334	PL.29588	C	Consumer	7.53Y	125.6	0.00	0.43	0.00	0	0	0	100	0.00	0.0	0.567	0.000	0	0	0	0
664318	PL.29588	C	Consumer	7.53Y	125.6	0.00	0.43	1.39	0	6	9	55	0.00	0.0	0.567	0.000	6	9	1	1
664313	PL.29588	C	Consumer	7.53Y	125.6	0.00	0.43	1.18	0	5	7	58	0.00	0.0	0.567	0.000	5	7	1	1
PL.29416	PL.29451	C	1/0EPRJCN	7.53Y	125.6	0.00	0.42	6.22	3	27	39	57	0.00	0.0	0.554	0.015	0	0	0	4
664227	PL.29416	C	Consumer	7.53Y	125.6	0.00	0.42	1.18	0	5	7	58	0.00	0.0	0.554	0.000	5	7	1	1
664225	PL.29416	C	Consumer	7.53Y	125.6	0.00	0.42	1.57	0	7	10	57	0.00	0.0	0.554	0.000	7	10	1	1
664322	PL.29416	C	Consumer	7.53Y	125.6	0.00	0.42	0.74	0	3	5	51	0.00	0.0	0.554	0.000	3	5	1	1
664226	PL.29416	C	Consumer	7.53Y	125.6	0.00	0.42	2.74	0	12	17	58	0.00	0.0	0.554	0.000	12	17	1	1
664321	PL.29451	A	Consumer	7.55Y	125.9	0.00	0.13	1.38	0	6	9	55	0.00	0.0	0.539	0.000	6	9	1	1
664312	PL.29451	A	Consumer	7.55Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	0.539	0.000	0	0	0	0
		B		7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0			0	0	0	0
		C		7.53Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0			0	0	0	0
664319	PL.29451	C	Consumer	7.53Y	125.6	0.00	0.42	1.56	0	7	10	57	0.00	0.0	0.539	0.000	7	10	1	1
664320	PL.29451	A	Consumer	7.55Y	125.9	0.00	0.13	1.83	0	8	11	59	0.00	0.0	0.539	0.000	8	11	1	1
664323	PL.29451	A	Consumer	7.55Y	125.9	0.00	0.13	1.80	0	8	11	59	0.00	0.0	0.539	0.000	8	11	1	1
PL.10075	PL.300	B	4ACSR	7.53Y	125.5	0.00	0.48	11.48	10	49	71	57	0.00	0.0	0.400	0.002	0	0	0	8
C PD.2962	PL.10075	B	fuse10AMP	7.53Y	125.5	0.00	0.48	11.48	120	49	71	57	0.00	0.0	0.400	0.000	0	0	0	8 C
PL.10076	PD.2962	B	4ACSR	7.53Y	125.5	0.01	0.49	11.48	10	49	71	57	0.01	0.0	0.422	0.022	0	0	0	8
665319	PL.10076	B	Consumer	7.53Y	125.5	0.00	0.49	1.84	0	8	11	59	0.00	0.0	0.422	0.000	8	11	1	1
665318	PL.10076	B	Consumer	7.53Y	125.5	0.00	0.49	1.91	0	8	12	55	0.00	0.0	0.422	0.000	8	12	1	1
665327	PL.10076	B	Consumer	7.53Y	125.5	0.00	0.49	2.03	0	9	13	57	0.00	0.0	0.422	0.000	9	13	1	1
PL.8786	PL.10076	B	4ACSR	7.53Y	125.5	0.01	0.50	5.71	5	24	35	57	0.00	0.0	0.462	0.040	0	0	0	5
665321	PL.8786	B	Consumer	7.53Y	125.5	0.00	0.50	2.06	0	9	13	57	0.00	0.0	0.462	0.000	9	13	1	1

Unbalanced Voltage Drop Report
Source: TREEHAVEN

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 665320, PL.7803, 664305, etc.

Unbalanced Voltage Drop Report
Source: TREEHAVEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.29461	PD.2956	C	1/0EPRJCN	7.54Y	125.7	0.00	0.26	7.02	4	30	44	56	0.00	0.0	0.273	0.002	0	0	0	6
PL.10077	PL.29461	C	1/0EPRJCN	7.54Y	125.7	0.00	0.26	7.02	4	30	44	56	0.00	0.0	0.289	0.016	0	0	0	6
P PL.10078	PL.10077	C	1/0EPRJCN	7.54Y	125.7	-0.00	0.26	-0.03	0	0	0	100	0.00	0.0	0.333	0.044	0	0	0	0 P
663221	PL.10077	C	Consumer	7.54Y	125.7	0.00	0.26	0.91	0	4	6	55	0.00	0.0	0.289	0.000	4	6	1	1
663223	PL.10077	C	Consumer	7.54Y	125.7	0.00	0.26	1.24	0	5	8	53	0.00	0.0	0.289	0.000	5	8	1	1
663302	PL.10077	C	Consumer	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	0.289	0.000	0	0	0	0
663222	PL.10077	C	Consumer	7.54Y	125.7	0.00	0.26	1.41	0	6	9	55	0.00	0.0	0.289	0.000	6	9	1	1
663226	PL.10077	C	Consumer	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	0.289	0.000	0	0	0	0
663224	PL.10077	C	Consumer	7.54Y	125.7	0.00	0.26	1.09	0	5	7	58	0.00	0.0	0.289	0.000	5	7	1	1
663301	PL.10077	C	Consumer	7.54Y	125.7	0.00	0.26	1.44	0	6	9	55	0.00	0.0	0.289	0.000	6	9	1	1
663229	PL.10077	C	Consumer	7.54Y	125.7	0.00	0.26	0.97	0	4	6	55	0.00	0.0	0.289	0.000	4	6	1	1
663225	PL.10077	C	Consumer	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	0.289	0.000	0	0	0	0
663303	PL.29408	C	Consumer	7.54Y	125.7	0.00	0.26	0.89	0	4	6	55	0.00	0.0	0.234	0.000	4	6	1	1
663305	PL.29408	C	Consumer	7.54Y	125.7	0.00	0.26	0.62	0	3	4	60	0.00	0.0	0.234	0.000	3	4	1	1
P PL.29449	PL.29450	A B C	1/0EPRJCN	7.56Y 7.55Y 7.54Y	126.0 125.9 125.7	0.00 -0.01 0.04	0.00 0.11 0.30	-0.04 -0.04 43.10	0 0 23	0 0 185	0 0 267	100 0 57	0.14 0 0	0.1	0.290	0.067	0 0 0	0 0 0	0 0 33	0 P
PL.29267	PL.29449	C	1/0EPRJCN	7.54Y	125.7	0.03	0.33	43.13	23	185	267	57	0.08	0.0	0.327	0.036	0	0	0	33
PL.29443	PL.29267	C	1/0EPRJCN	7.54Y	125.7	0.00	0.33	9.33	5	40	58	57	0.00	0.0	0.336	0.009	0	0	0	6
PL.29444	PL.29443	C	1/0EPRJCN	7.54Y	125.7	0.00	0.33	5.81	3	25	36	57	0.00	0.0	0.375	0.040	0	0	0	4
P PL.29413	PL.29444	C	1/0EPRJCN	7.54Y	125.7	-0.00	0.33	-0.02	0	0	0	100	0.00	0.0	0.413	0.038	0	0	0	0 P
663235	PL.29444	C	Consumer	7.54Y	125.7	0.00	0.33	1.18	0	5	7	58	0.00	0.0	0.375	0.000	5	7	1	1
663238	PL.29444	C	Consumer	7.54Y	125.7	0.00	0.33	2.39	0	10	15	55	0.00	0.0	0.375	0.000	10	15	1	1
663234	PL.29444	C	Consumer	7.54Y	125.7	0.00	0.33	1.65	0	7	10	57	0.00	0.0	0.375	0.000	7	10	1	1
663230	PL.29444	C	Consumer	7.54Y	125.7	0.00	0.33	0.64	0	3	4	60	0.00	0.0	0.375	0.000	3	4	1	1
663237	PL.29444	C	Consumer	7.54Y	125.7	0.00	0.33	0.00	0	0	0	100	0.00	0.0	0.375	0.000	0	0	0	0
664203	PL.29443	C	Consumer	7.54Y	125.7	0.00	0.33	1.43	0	6	9	55	0.00	0.0	0.336	0.000	6	9	1	1
664210	PL.29443	C	Consumer	7.54Y	125.7	0.00	0.33	2.09	0	9	13	57	0.00	0.0	0.336	0.000	9	13	1	1
PL.29448	PL.29267	C	1/0EPRJCN	7.54Y	125.7	0.01	0.33	33.82	18	145	210	57	0.02	0.0	0.342	0.016	0	0	0	27
664206	PL.29448	C	Consumer	7.54Y	125.7	0.00	0.33	0.20	0	1	1	71	0.00	0.0	0.342	0.000	1	1	1	1
664202	PL.29448	C	Consumer	7.54Y	125.7	0.00	0.33	1.80	0	8	11	59	0.00	0.0	0.342	0.000	8	11	1	1
664219	PL.29448	C	Consumer	7.54Y	125.7	0.00	0.33	0.88	0	4	5	62	0.00	0.0	0.342	0.000	4	5	1	1
664201	PL.29448	C	Consumer	7.54Y	125.7	0.00	0.33	0.72	0	3	4	60	0.00	0.0	0.342	0.000	3	4	1	1
664209	PL.29448	C	Consumer	7.54Y	125.7	0.00	0.33	1.62	0	7	10	57	0.00	0.0	0.342	0.000	7	10	1	1
PL.29526	PL.29448	C	1/0EPRJCN	7.54Y	125.7	0.01	0.35	28.61	15	123	177	57	0.02	0.0	0.364	0.022	0	0	0	22
664224	PL.29526	C	Consumer	7.54Y	125.7	0.00	0.35	0.74	0	3	5	51	0.00	0.0	0.364	0.000	3	5	1	1
664208	PL.29526	C	Consumer	7.54Y	125.7	0.00	0.35	1.14	0	5	7	58	0.00	0.0	0.364	0.000	5	7	1	1
664215	PL.29526	C	Consumer	7.54Y	125.7	0.00	0.35	1.28	0	5	8	53	0.00	0.0	0.364	0.000	5	8	1	1
PL.29525	PL.29526	C	1/0EPRJCN	7.54Y	125.6	0.01	0.36	25.46	13	109	158	57	0.02	0.0	0.386	0.022	0	0	0	19

Unbalanced Voltage Drop Report
Source: TREEHAVEN

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.29453, PL.29405, etc.

----- Feeder No. 2 (TREEHAVEN2) Beginning with Device PD.3923 -----

Unbalanced Voltage Drop Report
Source: TREEHAVEN

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 PD.3923, PL.32925, PL.8779, C PL.304, C PL.20184, C PL.20185, PL.42962, C PD.8201, PL.43514, PL.19166, PL.19167, 664331, 664330, 664410, 664411, 664409, 664412, 664414, 664413, 664416, 664415, C PL.8783, C PL.20178, P CP.28 P, C PL.20179, PL.25562, C PD.2958, PL.25563.

Unbalanced Voltage Drop Report
Source: TREEHAVEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
664420	PL.25563	A	Consumer	7.53Y	125.5	0.00	0.45	0.00	0	0	0	100	0.00	0.0	0.234	0.000	0	0	0	0
664419	PL.25563	A	Consumer	7.53Y	125.5	0.00	0.45	0.95	0	4	6	55	0.00	0.0	0.234	0.000	4	6	1	1
664401	PL.25563	A	Consumer	7.53Y	125.5	0.00	0.45	1.81	0	8	11	59	0.00	0.0	0.234	0.000	8	11	1	1
664402	PL.25563	A	Consumer	7.53Y	125.5	0.00	0.45	1.29	0	6	8	60	0.00	0.0	0.234	0.000	6	8	1	1
PL.19561	PL.25563	A	4ACSR	7.53Y	125.5	0.02	0.47	22.29	19	95	138	57	0.03	0.0	0.257	0.023	0	0	0	14
PL.19562	PL.19561	A	4ACSR	7.53Y	125.5	0.01	0.49	14.83	12	63	92	57	0.01	0.0	0.278	0.021	0	0	0	10
664405	PL.19562	A	Consumer	7.53Y	125.5	0.00	0.49	1.22	0	5	8	53	0.00	0.0	0.278	0.000	5	8	1	1
664406	PL.19562	A	Consumer	7.53Y	125.5	0.00	0.49	2.42	0	10	15	55	0.00	0.0	0.278	0.000	10	15	1	1
664425	PL.19562	A	Consumer	7.53Y	125.5	0.00	0.49	1.32	0	6	8	60	0.00	0.0	0.278	0.000	6	8	1	1
664426	PL.19562	A	Consumer	7.53Y	125.5	0.00	0.49	1.16	0	5	7	58	0.00	0.0	0.278	0.000	5	7	1	1
664423	PL.19562	A	Consumer	7.53Y	125.5	0.00	0.49	0.63	0	3	4	60	0.00	0.0	0.278	0.000	3	4	1	1
664424	PL.19562	A	Consumer	7.53Y	125.5	0.00	0.49	2.32	0	10	14	58	0.00	0.0	0.278	0.000	10	14	1	1
PL.19165	PL.19562	A	4ACSR	7.53Y	125.5	0.01	0.49	5.75	5	25	36	57	0.00	0.0	0.304	0.026	0	0	0	4
664302	PL.19165	A	Consumer	7.53Y	125.5	0.00	0.49	1.60	0	7	10	57	0.00	0.0	0.304	0.000	7	10	1	1
664301	PL.19165	A	Consumer	7.53Y	125.5	0.00	0.49	1.31	0	6	8	60	0.00	0.0	0.304	0.000	6	8	1	1
664333	PL.19165	A	Consumer	7.53Y	125.5	0.00	0.49	1.38	0	6	9	55	0.00	0.0	0.304	0.000	6	9	1	1
664332	PL.19165	A	Consumer	7.53Y	125.5	0.00	0.49	1.47	0	6	9	55	0.00	0.0	0.304	0.000	6	9	1	1
664404	PL.19561	A	Consumer	7.53Y	125.5	0.00	0.47	1.38	0	6	9	55	0.00	0.0	0.257	0.000	6	9	1	1
664422	PL.19561	A	Consumer	7.53Y	125.5	0.00	0.47	2.54	0	11	16	57	0.00	0.0	0.257	0.000	11	16	1	1
664421	PL.19561	A	Consumer	7.53Y	125.5	0.00	0.47	2.56	0	11	16	57	0.00	0.0	0.257	0.000	11	16	1	1
664403	PL.19561	A	Consumer	7.53Y	125.5	0.00	0.47	0.98	0	4	6	55	0.00	0.0	0.257	0.000	4	6	1	1
664427	PL.20179	C	Consumer	7.55Y	125.9	0.00	0.09	0.00	0	0	0	100	0.00	0.0	0.200	0.000	0	0	0	0
664408	PL.20179	A	Consumer	7.54Y	125.6	0.00	0.41	0.64	0	3	4	60	0.00	0.0	0.200	0.000	3	4	1	1
664407	PL.20179	A	Consumer	7.54Y	125.6	0.00	0.41	1.65	0	7	10	57	0.00	0.0	0.200	0.000	7	10	1	1
PL.43516	PL.20179	A	1/0ACSR	7.53Y	125.6	0.02	0.43	61.98	31	393	252	84	0.08	0.0	0.213	0.013	0	0	0	24
		B		7.56Y	126.0	0.01	0.03	37.99	19	275	84	96					0	0	0	1
		C		7.55Y	125.9	0.01	0.10	40.33	20	287	102	94					0	0	0	3
PL.43517	PL.43516	A	4ACSR	7.53Y	125.5	0.10	0.53	49.62	42	303	219	81	0.40	0.1	0.260	0.047	0	0	0	23
		B		7.56Y	125.9	0.04	0.07	25.30	21	184	51	96					0	0	0	0
		C		7.55Y	125.8	0.05	0.15	27.60	23	197	69	94					0	0	0	2
PL.303	PL.43517	A	4ACSR	7.53Y	125.4	0.03	0.57	46.13	39	287	196	83	0.13	0.0	0.277	0.017	0	0	0	20
		B		7.55Y	125.9	0.01	0.08	25.30	21	184	51	96					0	0	0	0
		C		7.55Y	125.8	0.02	0.17	25.32	21	184	51	96					0	0	0	0
PL.24359	PL.303	A	4ACSR	7.53Y	125.4	0.01	0.58	25.40	21	184	51	96	0.05	0.0	0.289	0.011	0	0	0	0
		B		7.55Y	125.9	0.01	0.10	25.30	21	184	51	96					0	0	0	0
		C		7.55Y	125.8	0.01	0.18	25.32	21	184	51	96					0	0	0	0
665424	PL.24359	A	Consumer	7.53Y	125.4	0.00	0.58	25.40	0	184	51	96	0.00	0.0	0.289	0.000	184	51	0	0
		B		7.55Y	125.9	0.00	0.10	25.30	0	184	51	96					184	51	0	0
		C		7.55Y	125.8	0.00	0.18	25.32	0	184	51	96					184	51	0	0
PL.25564	PL.303	A	4ACSR	7.53Y	125.4	0.00	0.57	23.59	20	102	145	58	0.00	0.0	0.280	0.002	0	0	0	20
C PD.2966	PL.25564	A	fuse6AMP	7.53Y	125.4	0.00	0.57	23.59	403	102	145	58	0.00	0.0	0.280	0.000	0	0	0	20 C
PL.25565	PD.2966	A	4ACSR	7.53Y	125.4	0.01	0.58	23.59	20	102	145	58	0.02	0.0	0.293	0.013	0	0	0	20
666410	PL.25565	A	Consumer	7.53Y	125.4	0.00	0.58	1.93	0	8	12	55	0.00	0.0	0.293	0.000	8	12	1	1

Unbalanced Voltage Drop Report
Source: TREEHAVEN

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 665401, 666409, 665402, etc.

Unbalanced Voltage Drop Report
Source: TREEHAVEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	mi Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.43519	PL.43520	A	4ACSR	7.53Y	125.5	0.03	0.50	12.76	11	90	33	94	0.07	0.0	0.346	0.070	0	0	0	0
		B		7.55Y	125.9	0.03	0.10	12.72	11	90	33	94					0	0	0	0
		C		7.55Y	125.8	0.03	0.17	12.73	11	90	33	94					0	0	0	0
PL.306	PL.43519	A	4ACSR	7.53Y	125.4	0.06	0.56	12.76	11	90	33	94	0.13	0.0	0.467	0.121	0	0	0	0
		B		7.55Y	125.8	0.06	0.16	12.72	11	90	33	94					0	0	0	0
		C		7.55Y	125.8	0.06	0.23	12.73	11	90	33	94					0	0	0	0
666501	PL.306	A	Consumer	7.53Y	125.4	0.00	0.56	12.76	0	90	33	94	0.00	0.0	0.467	0.000	90	33	0	0
		B		7.55Y	125.8	0.00	0.16	12.72	0	90	33	94					90	33	0	0
		C		7.55Y	125.8	0.00	0.23	12.73	0	90	33	94					90	33	0	0
PL.307	PL.20179	A	2ACSR	7.53Y	125.6	0.03	0.44	43.54	28	323	57	98	0.19	0.0	0.225	0.025	0	0	0	0
		B		7.56Y	125.9	0.03	0.06	43.40	28	323	57	98					0	0	0	0
		C		7.55Y	125.9	0.03	0.12	43.42	28	323	57	98					0	0	0	0
PL.24361	PL.307	A	1/0EPRJCN	7.53Y	125.5	0.01	0.45	43.54	23	323	57	98	0.10	0.0	0.245	0.020	0	0	0	0
		B		7.56Y	125.9	0.01	0.07	43.40	23	323	57	98					0	0	0	0
		C		7.55Y	125.9	0.01	0.14	43.42	23	323	57	98					0	0	0	0
664503	PL.24361	A	Consumer	7.53Y	125.5	0.00	0.45	43.54	0	323	57	98	0.00	0.0	0.245	0.000	323	57	0	0
		B		7.56Y	125.9	0.00	0.07	43.40	0	323	57	98					323	57	0	0
		C		7.55Y	125.9	0.00	0.14	43.43	0	323	57	98					323	57	0	0
664418	PL.8783	C	Consumer	7.56Y	125.9	0.00	0.05	0.50	0	2	3	55	0.00	0.0	0.169	0.000	2	3	1	1
664417	PL.8783	C	Consumer	7.56Y	125.9	0.00	0.05	0.79	0	3	5	51	0.00	0.0	0.169	0.000	3	5	1	1
P CP.29 P	PL.20184	A	Cap (600)	7.55Y	125.8	0.00	0.18	-29.12	0	0	-220	0	0.00	0.0	0.119	0.000	0	0	0	0
		B		7.56Y	126.0	0.00	-0.03	-29.17	0	0	-221	0					0	0	0	0
		C		7.56Y	126.0	0.00	0.01	-29.16	0	0	-220	0					0	0	0	0
PL.20613	PL.32925	A	336ACSR	7.56Y	126.0	0.00	0.04	1.18	0	8	4	89	0.00	0.0	0.079	0.045	0	0	0	1
		B		7.56Y	126.0	0.00	-0.01	1.18	0	8	4	90					0	0	0	1
		C		7.56Y	126.0	0.00	-0.00	1.18	0	8	4	90					0	0	0	1
PL.20614	PL.20613	A	336ACSR	7.56Y	126.0	0.00	0.04	1.18	0	8	4	89	0.00	0.0	0.096	0.017	0	0	0	1
		B		7.56Y	126.0	0.00	-0.01	1.18	0	8	4	90					0	0	0	1
		C		7.56Y	126.0	0.00	-0.00	1.18	0	8	4	90					0	0	0	1
662506	PL.20614	A	Consumer	7.56Y	126.0	0.00	0.04	1.15	0	8	4	89	0.00	0.0	0.096	0.000	8	4	0	0
		B		7.56Y	126.0	0.00	-0.01	1.15	0	8	4	90					8	4	0	0
		C		7.56Y	126.0	0.00	-0.00	1.15	0	8	4	90					8	4	0	0
662505	PL.20614	A	Consumer	7.56Y	126.0	0.00	0.04	0.03	0	0	0	100	0.00	0.0	0.096	0.000	0	0	0	0
		B		7.56Y	126.0	0.00	-0.01	0.03	0	0	0	90					0	0	0	0
		C		7.56Y	126.0	0.00	-0.00	0.03	0	0	0	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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	4213	0	0	0	0	0	12	0.00	4225	
KVAR	2921	0	-2309	-14	0	0	12		609	

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 125.34 volts on PL.29533	0.66 volts on PL.29533	0.14 volts on PL.305
B-Phase -> 124.81 volts on PL.29447	1.19 volts on PL.29447	0.16 volts on PL.9215
C-Phase -> 125.56 volts on PL.29407	0.44 volts on PL.29407	0.19 volts on PL.32931

Unbalanced Voltage Drop Report
Source: UNION 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 UNION CITY, PL.28916, and Feeder No. 1 (UNIONCITY1).

Unbalanced Voltage Drop Report
Source: UNION 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	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss		Length (mi)	KW			KVAR	
116643	PL.4659	C	Consumer	15.07Y	125.6	0.00	0.42	0.55	0	8	3	94	0.00	0.0	1.277	0.000	8	3	1	1
PL.4663	PL.4659	C	4ACSR	15.07Y	125.6	0.01	0.43	6.42	5	91	32	94	0.01	0.0	1.357	0.080	0	0	0	12
PL.4664	PL.4663	C	4ACSR	15.07Y	125.5	0.03	0.46	5.98	5	85	30	94	0.02	0.0	1.549	0.192	0	0	0	10
PL.4665	PL.4664	C	4ACSR	15.07Y	125.5	0.00	0.46	1.61	1	23	8	94	0.00	0.0	1.613	0.064	0	0	0	2
116647	PL.4665	C	Consumer	15.07Y	125.5	0.00	0.46	0.05	0	1	0	100	0.00	0.0	1.613	0.000	1	0	1	1
116639	PL.4665	C	Consumer	15.07Y	125.5	0.00	0.46	1.56	0	22	8	94	0.00	0.0	1.613	0.000	22	8	1	1
PL.619	PL.4664	C	4ACSR	15.07Y	125.5	0.00	0.46	0.72	1	10	4	93	0.00	0.0	1.598	0.049	0	0	0	1
116617	PL.619	C	Consumer	15.07Y	125.5	0.00	0.46	0.72	0	10	4	93	0.00	0.0	1.598	0.000	10	4	1	1
PL.620	PL.4664	C	4ACSR	15.07Y	125.5	0.00	0.46	2.30	2	33	11	95	0.00	0.0	1.596	0.047	0	0	0	4
PL.636	PL.620	C	4ACSR	15.06Y	125.5	0.00	0.46	1.95	2	28	10	94	0.00	0.0	1.672	0.076	0	0	0	3
PL.642	PL.636	C	4ACSR	15.06Y	125.5	0.00	0.47	0.50	0	7	2	96	0.00	0.0	1.977	0.305	0	0	0	1
116646	PL.642	C	Consumer	15.06Y	125.5	0.00	0.47	0.50	0	7	2	96	0.00	0.0	1.977	0.000	7	2	1	1
PL.643	PL.636	C	4ACSR	15.06Y	125.5	0.00	0.46	0.75	1	11	4	94	0.00	0.0	1.707	0.034	0	0	0	1
PL.644	PL.643	C	4ACSR	15.06Y	125.5	0.00	0.46	0.75	1	11	4	94	0.00	0.0	1.856	0.149	0	0	0	1
116657	PL.644	C	Consumer	15.06Y	125.5	0.00	0.46	0.75	0	11	4	94	0.00	0.0	1.856	0.000	11	4	1	1
116637	PL.636	C	Consumer	15.06Y	125.5	0.00	0.46	0.70	0	10	4	93	0.00	0.0	1.672	0.000	10	4	1	1
116609	PL.620	C	Consumer	15.07Y	125.5	0.00	0.46	0.35	0	5	2	93	0.00	0.0	1.596	0.000	5	2	1	1
116642	PL.4664	C	Consumer	15.07Y	125.5	0.00	0.46	0.17	0	2	1	89	0.00	0.0	1.549	0.000	2	1	1	1
116641	PL.4664	C	Consumer	15.07Y	125.5	0.00	0.46	0.86	0	12	4	95	0.00	0.0	1.549	0.000	12	4	1	1
116640	PL.4664	C	Consumer	15.07Y	125.5	0.00	0.46	0.32	0	5	2	93	0.00	0.0	1.549	0.000	5	2	1	1
PL.618	PL.4663	C	4ACSR	15.07Y	125.6	0.00	0.43	0.44	0	6	2	95	0.00	0.0	1.476	0.119	0	0	0	2
PL.651	PL.618	C	4ACSR	15.07Y	125.6	0.00	0.43	0.08	0	1	0	100	0.00	0.0	1.524	0.048	0	0	0	1
116661	PL.651	C	Consumer	15.07Y	125.6	0.00	0.43	0.08	0	1	0	100	0.00	0.0	1.524	0.000	1	0	1	1
116608	PL.618	C	Consumer	15.07Y	125.6	0.00	0.43	0.36	0	5	2	93	0.00	0.0	1.476	0.000	5	2	1	1
116604	PL.4658	C	Consumer	15.07Y	125.6	0.00	0.40	0.26	0	4	1	97	0.00	0.0	1.177	0.000	4	1	1	1
PL.17715	PL.19705	A	1/0ACSR	15.11Y	125.9	-0.00	0.09	1.87	1	28	-6	-98	0.21	0.0	1.002	0.053	0	0	0	5
		B		15.05Y	125.4	0.04	0.59	52.61	26	752	248	95					0	0	0	129
		C		15.08Y	125.6	0.01	0.37	35.33	18	507	164	95					0	0	0	68
PD.58-A	PL.17715	A	Closed	15.11Y	125.9	0.00	0.09	1.87	0	28	-6	-98	0.00	0.0	1.002	0.000	0	0	0	5
		B		15.05Y	125.4	0.00	0.59	52.61	0	752	248	95					0	0	0	129
		C		15.08Y	125.6	0.00	0.37	35.33	0	507	164	95					0	0	0	68
PD.58-B	PD.58-A	A	Closed	15.11Y	125.9	0.00	0.09	1.87	0	28	-6	-98	0.00	0.0	1.002	0.000	0	0	0	5
		B		15.05Y	125.4	0.00	0.59	52.61	0	752	248	95					0	0	0	129
		C		15.08Y	125.6	0.00	0.37	35.33	0	507	164	95					0	0	0	68
PL.17716	PD.58-B	A	1/0ACSR	15.11Y	125.9	-0.00	0.09	1.87	1	28	-6	-98	0.15	0.0	1.041	0.039	0	0	0	5
		B		15.05Y	125.4	0.03	0.62	52.61	26	752	248	95					0	0	0	129
		C		15.07Y	125.6	0.01	0.38	35.33	18	507	164	95					0	0	0	68
117602	PL.17716	B	Consumer	15.05Y	125.4	0.00	0.62	0.74	0	10	4	93	0.00	0.0	1.041	0.000	10	4	1	1
117647	PL.17716	B	Consumer	15.05Y	125.4	0.00	0.62	0.14	0	2	1	89	0.00	0.0	1.041	0.000	2	1	1	1
PL.5439	PL.17716	A	1/0ACSR	15.11Y	125.9	-0.00	0.09	1.87	1	28	-6	-98	0.07	0.0	1.059	0.017	0	0	0	5
		B		15.04Y	125.4	0.01	0.63	51.73	26	739	243	95					0	0	0	127
		C		15.07Y	125.6	0.00	0.38	35.33	18	507	164	95					0	0	0	68

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: UNION 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.29, PL.22293, PD.3503, etc.

Unbalanced Voltage Drop Report
Source: UNION 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.27524, PD.72-A, etc.

Unbalanced Voltage Drop Report
Source: UNION 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 PD.70-B, PL.650, PL.9632, etc.

Unbalanced Voltage Drop Report
Source: UNION 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.52-B, PL.27520, PL.5378, etc.

Unbalanced Voltage Drop Report
Source: UNION 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
115527	PL.9495	B	Consumer	14.87Y	123.9	0.00	2.09	0.01	0	0	0	100	0.00	0.0	3.465	0.000	0	0	1	1
115520	PL.9495	B	Consumer	14.87Y	123.9	0.00	2.09	0.45	0	6	2	95	0.00	0.0	3.465	0.000	6	2	1	1
PL.23682	PL.8849	B	4ACSR	14.87Y	123.9	0.00	2.09	0.55	0	8	3	94	0.00	0.0	3.352	0.037	0	0	0	1
115521	PL.23682	B	Consumer	14.87Y	123.9	0.00	2.09	0.55	0	8	3	94	0.00	0.0	3.352	0.000	8	3	1	1
PL.9493	PL.8849	B	4ACSR	14.87Y	123.9	0.00	2.09	0.77	1	11	4	94	0.00	0.0	3.404	0.089	0	0	0	1
115506	PL.9493	B	Consumer	14.87Y	123.9	0.00	2.09	0.77	0	11	4	94	0.00	0.0	3.404	0.000	11	4	1	1
PL.37204	PL.9497	B	4ACSR	14.87Y	123.9	0.00	2.09	11.09	9	156	55	94	0.00	0.0	3.239	0.012	0	0	0	36
PD.3292	PL.37204	B	35E	14.87Y	123.9	0.00	2.09	11.09	32	156	55	94	0.00	0.0	3.239	0.000	0	0	0	36
PL.37205	PD.3292	B	4ACSR	14.86Y	123.9	0.05	2.14	11.09	9	156	55	94	0.06	0.0	3.438	0.199	0	0	0	36
PL.8846	PL.37205	B	4ACSR	14.86Y	123.8	0.03	2.17	11.09	9	155	55	94	0.04	0.0	3.561	0.122	0	0	0	36
PL.8847	PL.8846	B	4ACSR	14.86Y	123.8	0.01	2.18	9.35	8	131	46	94	0.01	0.0	3.610	0.049	0	0	0	31
PL.8845	PL.8847	B	4ACSR	14.86Y	123.8	0.01	2.19	9.35	8	131	46	94	0.01	0.0	3.657	0.047	0	0	0	31
PL.8841	PL.8845	B	4ACSR	14.85Y	123.8	0.02	2.21	9.35	8	131	46	94	0.02	0.0	3.754	0.097	0	0	0	31
PL.44213	PL.8841	B	4ACSR	14.85Y	123.8	0.01	2.22	6.50	5	91	32	94	0.00	0.0	3.798	0.044	0	0	0	22
1145033	PL.44213	B	Consumer	14.85Y	123.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	3.798	0.000	0	0	1	1
PL.44214	PL.44213	B	4ACSR	14.85Y	123.8	0.01	2.22	6.50	5	91	32	94	0.00	0.0	3.832	0.034	0	0	0	21
PL.8840	PL.44214	B	4ACSR	14.85Y	123.8	0.00	2.22	6.50	5	91	32	94	0.00	0.0	3.832	0.000	0	0	0	21
PL.8839	PL.8840	B	4ACSR	14.85Y	123.8	0.01	2.24	6.38	5	89	31	94	0.01	0.0	3.914	0.082	0	0	0	20
PL.19805	PL.8839	B	4ACSR	14.85Y	123.8	0.01	2.25	6.37	5	89	31	94	0.01	0.0	4.002	0.088	0	0	0	19
PL.20262	PL.19805	B	4ACSR	14.85Y	123.7	0.02	2.27	5.06	4	71	25	94	0.01	0.0	4.173	0.171	0	0	0	17
114525	PL.20262	B	Consumer	14.85Y	123.7	0.00	2.27	0.01	0	0	0	100	0.00	0.0	4.173	0.000	0	0	1	1
114507	PL.20262	B	Consumer	14.85Y	123.7	0.00	2.27	1.10	0	15	5	95	0.00	0.0	4.173	0.000	15	5	1	1
PL.20263	PL.20262	B	4ACSR	14.85Y	123.7	0.01	2.27	3.95	3	55	19	95	0.00	0.0	4.246	0.073	0	0	0	15
PL.8837	PL.20263	B	4ACSR	14.85Y	123.7	0.00	2.28	3.30	3	46	16	94	0.00	0.0	4.305	0.059	0	0	0	13
PL.4655	PL.8837	B	4ACSR	14.85Y	123.7	0.00	2.28	0.66	1	9	3	95	0.00	0.0	4.307	0.002	0	0	0	2
114531	PL.4655	B	Consumer	14.85Y	123.7	0.00	2.28	0.16	0	2	1	89	0.00	0.0	4.307	0.000	2	1	1	1
PL.37212	PL.4655	B	4ACSR	14.85Y	123.7	0.00	2.28	0.49	0	7	2	96	0.00	0.0	4.322	0.015	0	0	0	1
PD.5749	PL.37212	B	fuse6AMP	14.85Y	123.7	0.00	2.28	0.49	8	7	2	96	0.00	0.0	4.322	0.000	0	0	0	1
PL.37213	PD.5749	B	4ACSR	14.85Y	123.7	0.00	2.28	0.49	0	7	2	96	0.00	0.0	4.361	0.039	0	0	0	1
114524	PL.37213	B	Consumer	14.85Y	123.7	0.00	2.28	0.49	0	7	2	96	0.00	0.0	4.361	0.000	7	2	1	1
PL.8838	PL.8837	B	4ACSR	14.85Y	123.7	0.00	2.28	2.65	2	37	13	94	0.00	0.0	4.330	0.025	0	0	0	11
PL.17006	PL.8838	B	4ACSR	14.85Y	123.7	0.00	2.28	1.75	1	24	9	94	0.00	0.0	4.446	0.116	0	0	0	7
PD.803	PL.17006	B	fuse6AMP	14.85Y	123.7	0.00	2.28	1.75	30	24	9	94	0.00	0.0	4.446	0.000	0	0	0	7
PL.17007	PD.803	B	4ACSR	14.85Y	123.7	0.00	2.29	1.75	1	24	9	94	0.00	0.0	4.517	0.071	0	0	0	7
114519	PL.17007	B	Consumer	14.85Y	123.7	0.00	2.29	0.34	0	5	2	93	0.00	0.0	4.517	0.000	5	2	1	1
114505	PL.17007	B	Consumer	14.85Y	123.7	0.00	2.29	0.12	0	2	1	89	0.00	0.0	4.517	0.000	2	1	1	1
PL.4651	PL.17007	B	4ACSR	14.85Y	123.7	0.00	2.29	1.29	1	18	6	95	0.00	0.0	4.523	0.006	0	0	0	5
PL.8835	PL.4651	B	4ACSR	14.84Y	123.7	0.01	2.29	1.29	1	18	6	95	0.00	0.0	4.758	0.234	0	0	0	5

Unbalanced Voltage Drop Report
Source: UNION 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.491	PL.8835	B	4ACSR	14.84Y	123.7	0.01	2.30	1.05	1	15	5	95	0.00	0.0	4.991	0.234	0	0	0	3		
114502	PL.491	B	Consumer	14.84Y	123.7	0.00	2.30	0.63	0	9	3	95	0.00	0.0	4.991	0.000	9	3	1	1		
PL.4653	PL.491	B	4ACSR	14.84Y	123.7	0.00	2.30	0.41	0	6	2	95	0.00	0.0	5.049	0.058	0	0	0	1		
PL.4654	PL.4653	B	4ACSR	14.84Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	5.161	0.112	0	0	0	0		
PL.490	PL.4654	B	4ACSR	14.84Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	5.329	0.168	0	0	0	0		
PL.492	PL.490	B	4ACSR	14.84Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	5.365	0.037	0	0	0	0		
114528	PL.4653	B	Consumer	14.84Y	123.7	0.00	2.30	0.41	0	6	2	95	0.00	0.0	5.049	0.000	6	2	1	1		
PL.36760	PL.491	B	2ACSR	14.84Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	5.024	0.033	0	0	0	1		
1145032	PL.36760	B	Consumer	14.84Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	5.024	0.000	0	0	1	1		
PL.8836	PL.8835	B	4ACSR	14.84Y	123.7	0.00	2.30	0.24	0	3	1	95	0.00	0.0	4.828	0.071	0	0	0	2		
PL.8833	PL.8836	B	4ACSR	14.84Y	123.7	0.00	2.30	0.24	0	3	1	95	0.00	0.0	4.864	0.036	0	0	0	2		
PL.8834	PL.8833	B	4ACSR	14.84Y	123.7	0.00	2.30	0.24	0	3	1	95	0.00	0.0	4.969	0.105	0	0	0	2		
PL.5373	PL.8834	B	4ACSR	14.84Y	123.7	0.00	2.30	0.24	0	3	1	95	0.00	0.0	4.971	0.002	0	0	0	2		
PL.4650	PL.5373	B	4ACSR	14.84Y	123.7	0.00	2.30	0.03	0	0	0	100	0.00	0.0	5.062	0.091	0	0	0	1		
114513	PL.4650	B	Consumer	14.84Y	123.7	0.00	2.30	0.03	0	0	0	100	0.00	0.0	5.062	0.000	0	0	1	1		
114504	PL.5373	B	Consumer	14.84Y	123.7	0.00	2.30	0.21	0	3	1	95	0.00	0.0	4.971	0.000	3	1	1	1		
114503	PL.8833	B	Consumer	14.84Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	4.864	0.000	0	0	0	0		
PL.8832	PL.8838	B	4ACSR	14.85Y	123.7	0.00	2.28	0.90	1	13	4	96	0.00	0.0	4.359	0.029	0	0	0	4		
PL.27513	PL.8832	B	4ACSR	14.85Y	123.7	0.00	2.28	0.71	1	10	3	96	0.00	0.0	4.442	0.083	0	0	0	2		
PL.27514	PL.27513	B	4ACSR	14.85Y	123.7	0.00	2.28	0.71	1	10	3	96	0.00	0.0	4.523	0.081	0	0	0	2		
PL.4652	PL.27514	B	4ACSR	14.85Y	123.7	0.00	2.28	0.71	1	10	3	96	0.00	0.0	4.591	0.068	0	0	0	1		
PL.10261	PL.4652	B	4ACSR	14.85Y	123.7	0.00	2.28	0.00	0	0	0	100	0.00	0.0	4.670	0.079	0	0	0	0		
PL.46085	PL.10261	B	4ACSR	14.85Y	123.7	0.00	2.28	0.00	0	0	0	100	0.00	0.0	4.686	0.016	0	0	0	0		
PD.50-B	PL.46085	B	Open	14.85Y	123.7	0.00	2.28	0.00	0	0	0	100	0.00	0.0	4.686	0.000	0	0	0	0		
114529	PL.4652	B	Consumer	14.85Y	123.7	0.00	2.28	0.71	0	10	3	96	0.00	0.0	4.591	0.000	10	3	1	1		
114508	PL.27514	B	Consumer	14.85Y	123.7	0.00	2.28	0.00	0	0	0	100	0.00	0.0	4.523	0.000	0	0	1	1		
PL.37214	PL.8832	B	4ACSR	14.85Y	123.7	0.00	2.28	0.20	0	3	1	95	0.00	0.0	4.366	0.007	0	0	0	2		
PD.5750	PL.37214	B	fuse6AMP	14.85Y	123.7	0.00	2.28	0.20	3	3	1	95	0.00	0.0	4.366	0.000	0	0	0	2		
PL.37215	PD.5750	B	4ACSR	14.85Y	123.7	0.00	2.28	0.20	0	3	1	95	0.00	0.0	4.427	0.061	0	0	0	2		
114522	PL.37215	B	Consumer	14.85Y	123.7	0.00	2.28	0.00	0	0	0	100	0.00	0.0	4.427	0.000	0	0	1	1		
114521	PL.37215	B	Consumer	14.85Y	123.7	0.00	2.28	0.20	0	3	1	95	0.00	0.0	4.427	0.000	3	1	1	1		
114530	PL.20263	B	Consumer	14.85Y	123.7	0.00	2.27	0.07	0	1	0	100	0.00	0.0	4.246	0.000	1	0	1	1		
114520	PL.20263	B	Consumer	14.85Y	123.7	0.00	2.27	0.58	0	8	3	94	0.00	0.0	4.246	0.000	8	3	1	1		
114527	PL.19805	B	Consumer	14.85Y	123.8	0.00	2.25	0.29	0	4	1	97	0.00	0.0	4.002	0.000	4	1	1	1		
114523	PL.19805	B	Consumer	14.85Y	123.8	0.00	2.25	1.03	0	14	5	94	0.00	0.0	4.002	0.000	14	5	1	1		
114517	PL.8839	B	Consumer	14.85Y	123.8	0.00	2.24	0.02	0	0	0	100	0.00	0.0	3.914	0.000	0	0	1	1		
114506	PL.8840	B	Consumer	14.85Y	123.8	0.00	2.22	0.11	0	2	1	89	0.00	0.0	3.832	0.000	2	1	1	1		
PL.17556	PL.8841	B	4ACSR	14.85Y	123.8	0.00	2.21	2.85	2	40	14	94	0.00	0.0	3.797	0.043	0	0	0	9		

Unbalanced Voltage Drop Report
Source: UNION 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
PD.804	PL.17556	B	fuse6AMP	14.85Y	123.8	0.00	2.21	2.85	49	40	14	94	0.00	0.0	3.797	0.000	0	0	0	9
PL.19515	PD.804	B	4ACSR	14.85Y	123.8	0.00	2.22	2.85	2	40	14	94	0.00	0.0	3.822	0.025	0	0	0	9
114526	PL.19515	B	Consumer	14.85Y	123.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	3.822	0.000	0	0	1	1
PL.19516	PL.19515	B	4ACSR	14.85Y	123.8	0.00	2.22	2.85	2	40	14	94	0.00	0.0	3.891	0.069	0	0	0	8
PL.23687	PL.19516	B	4ACSR	14.85Y	123.8	0.00	2.22	2.85	2	40	14	94	0.00	0.0	3.896	0.005	0	0	0	8
PL.23686	PL.23687	B	4ACSR	14.85Y	123.8	0.00	2.22	1.42	1	20	7	94	0.00	0.0	3.899	0.003	0	0	0	2
PL.488	PL.23686	B	4ACSR	14.85Y	123.8	0.00	2.22	1.42	1	20	7	94	0.00	0.0	3.976	0.077	0	0	0	2
PL.5369	PL.488	B	4ACSR	14.85Y	123.8	0.00	2.23	1.42	1	20	7	94	0.00	0.0	4.028	0.052	0	0	0	2
PL.5370	PL.5369	B	4ACSR	14.85Y	123.8	0.00	2.23	0.58	0	8	3	94	0.00	0.0	4.084	0.056	0	0	0	1
114515	PL.5370	B	Consumer	14.85Y	123.8	0.00	2.23	0.58	0	8	3	94	0.00	0.0	4.084	0.000	8	3	1	1
114516	PL.5369	B	Consumer	14.85Y	123.8	0.00	2.23	0.84	0	12	4	95	0.00	0.0	4.028	0.000	12	4	1	1
PL.5496	PL.23687	B	4ACSR	14.85Y	123.8	0.00	2.22	1.43	1	20	7	94	0.00	0.0	3.929	0.033	0	0	0	6
PL.8843	PL.5496	B	4ACSR	14.85Y	123.8	0.00	2.22	1.06	1	15	5	95	0.00	0.0	3.975	0.046	0	0	0	4
PL.8844	PL.8843	B	4ACSR	14.85Y	123.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	4.263	0.288	0	0	0	1
115501	PL.8844	B	Consumer	14.85Y	123.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	4.263	0.000	0	0	1	1
PL.23684	PL.8843	B	4ACSR	14.85Y	123.8	0.00	2.23	1.06	1	15	5	95	0.00	0.0	4.087	0.113	0	0	0	3
115508	PL.23684	B	Consumer	14.85Y	123.8	0.00	2.23	0.59	0	8	3	94	0.00	0.0	4.087	0.000	8	3	1	1
115522	PL.23684	B	Consumer	14.85Y	123.8	0.00	2.23	0.03	0	0	0	100	0.00	0.0	4.087	0.000	0	0	1	1
PL.23692	PL.23684	B	4ACSR	14.85Y	123.8	0.00	2.23	0.44	0	6	2	95	0.00	0.0	4.147	0.060	0	0	0	1
115531	PL.23692	B	Consumer	14.85Y	123.8	0.00	2.23	0.44	0	6	2	95	0.00	0.0	4.147	0.000	6	2	1	1
115503	PL.5496	B	Consumer	14.85Y	123.8	0.00	2.22	0.27	0	4	1	97	0.00	0.0	3.929	0.000	4	1	1	1
115529	PL.5496	B	Consumer	14.85Y	123.8	0.00	2.22	0.10	0	1	0	100	0.00	0.0	3.929	0.000	1	0	1	1
114510	PL.5496	B	Consumer	14.85Y	123.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	3.929	0.000	0	0	0	0
PL.489	PL.8845	B	4ACSR	14.86Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	3.660	0.002	0	0	0	0
PL.37210	PL.8846	B	4ACSR	14.86Y	123.8	0.00	2.17	1.16	1	16	6	94	0.00	0.0	3.570	0.009	0	0	0	4
PD.5748	PL.37210	B	fuse6AMP	14.86Y	123.8	0.00	2.17	1.16	20	16	6	94	0.00	0.0	3.570	0.000	0	0	0	4
PL.37211	PD.5748	B	4ACSR	14.86Y	123.8	0.00	2.17	1.16	1	16	6	94	0.00	0.0	3.599	0.029	0	0	0	4
PL.609	PL.37211	B	4ACSR	14.86Y	123.8	0.00	2.17	1.16	1	16	6	94	0.00	0.0	3.637	0.038	0	0	0	4
PL.610	PL.609	B	4ACSR	14.86Y	123.8	0.00	2.17	0.40	0	6	2	95	0.00	0.0	3.704	0.067	0	0	0	2
PL.611	PL.610	B	4ACSR	14.86Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	3.775	0.072	0	0	0	1
115606	PL.611	B	Consumer	14.86Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	3.775	0.000	0	0	1	1
PL.635	PL.610	B	4ACSR	14.86Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	3.781	0.077	0	0	0	0
115630	PL.610	B	Consumer	14.86Y	123.8	0.00	2.17	0.40	0	6	2	95	0.00	0.0	3.704	0.000	6	2	1	1
PL.608	PL.609	B	4ACSR	14.86Y	123.8	0.00	2.17	0.31	0	4	2	89	0.00	0.0	3.818	0.181	0	0	0	1
115607	PL.608	B	Consumer	14.86Y	123.8	0.00	2.17	0.31	0	4	2	89	0.00	0.0	3.818	0.000	4	2	1	1
115634	PL.609	B	Consumer	14.86Y	123.8	0.00	2.17	0.45	0	6	2	95	0.00	0.0	3.637	0.000	6	2	1	1
115608	PL.609	B	Consumer	14.86Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	3.637	0.000	0	0	0	0
115505	PL.8846	B	Consumer	14.86Y	123.8	0.00	2.17	0.58	0	8	3	94	0.00	0.0	3.561	0.000	8	3	1	1

Unbalanced Voltage Drop Report
Source: UNION 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 a sub-header 'Units Displayed In Volts -Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: UNION 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 'Units Displayed In Volts -Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: UNION 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
115725	PL.645	B	Consumer	14.82Y	123.5	0.00	2.50	0.11	0	2	1	89	0.00	0.0	5.463	0.000	2	1	1	1
115722	PL.641	B	Consumer	14.82Y	123.5	0.00	2.50	1.61	0	22	8	94	0.00	0.0	5.336	0.000	22	8	1	1
PL.36498	PL.641	B	2ACSR	14.82Y	123.5	0.00	2.50	0.06	0	1	0	100	0.00	0.0	5.368	0.032	0	0	0	2
115723	PL.36498	B	Consumer	14.82Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	5.368	0.000	0	0	1	1
1157029	PL.36498	B	Consumer	14.82Y	123.5	0.00	2.50	0.06	0	1	0	100	0.00	0.0	5.368	0.000	1	0	1	1
PL.9506	PL.9503	B	4ACSR	14.83Y	123.6	0.01	2.43	3.24	3	45	16	94	0.00	0.0	4.466	0.113	0	0	0	9
PL.17566	PL.9506	B	4ACSR	14.83Y	123.6	0.00	2.43	0.56	0	8	3	94	0.00	0.0	4.512	0.045	0	0	0	2
PL.17565	PL.17566	B	4ACSR	14.83Y	123.6	0.00	2.43	0.56	0	8	3	94	0.00	0.0	4.521	0.009	0	0	0	2
PL.36738	PL.17565	B	4ACSR	14.83Y	123.6	0.00	2.43	0.56	0	8	3	94	0.00	0.0	4.532	0.011	0	0	0	1
PD.5729	PL.36738	B	fuse6AMP	14.83Y	123.6	0.00	2.43	0.56	10	8	3	94	0.00	0.0	4.532	0.000	0	0	0	1
PL.36739	PD.5729	B	4ACSR	14.83Y	123.6	0.00	2.43	0.56	0	8	3	94	0.00	0.0	4.577	0.045	0	0	0	1
115704	PL.36739	B	Consumer	14.83Y	123.6	0.00	2.43	0.56	0	8	3	94	0.00	0.0	4.577	0.000	8	3	1	1
115716	PL.17565	B	Consumer	14.83Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	4.521	0.000	0	0	1	1
PL.5387	PL.17565	B	4ACSR	14.83Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	4.524	0.002	0	0	0	0
PL.30834	PL.5387	B	4ACSR	14.83Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	4.528	0.005	0	0	0	0
PD.51-B	PL.30834	B	Open	14.83Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	4.528	0.000	0	0	0	0
PL.596	PL.9506	B	4ACSR	14.83Y	123.6	0.00	2.44	1.55	1	22	8	94	0.00	0.0	4.569	0.102	0	0	0	4
PL.598	PL.596	B	4ACSR	14.83Y	123.6	0.00	2.44	0.81	1	11	4	94	0.00	0.0	4.668	0.099	0	0	0	1
115703	PL.598	B	Consumer	14.83Y	123.6	0.00	2.44	0.81	0	11	4	94	0.00	0.0	4.668	0.000	11	4	1	1
PL.597	PL.596	B	4ACSR	14.83Y	123.6	0.00	2.44	0.74	1	10	4	93	0.00	0.0	4.627	0.058	0	0	0	3
PL.649	PL.597	B	4ACSR	14.83Y	123.6	0.00	2.44	0.19	0	3	1	95	0.00	0.0	4.673	0.047	0	0	0	2
PL.5395	PL.649	B	4ACSR	14.83Y	123.6	0.00	2.44	0.19	0	3	1	95	0.00	0.0	4.727	0.054	0	0	0	2
PL.5396	PL.5395	B	4ACSR	14.83Y	123.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	4.787	0.059	0	0	0	1
115727	PL.5396	B	Consumer	14.83Y	123.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	4.787	0.000	0	0	1	1
115726	PL.5395	B	Consumer	14.83Y	123.6	0.00	2.44	0.19	0	3	1	95	0.00	0.0	4.727	0.000	3	1	1	1
115718	PL.597	B	Consumer	14.83Y	123.6	0.00	2.44	0.55	0	8	3	94	0.00	0.0	4.627	0.000	8	3	1	1
PL.600	PL.9506	B	4ACSR	14.83Y	123.6	0.00	2.44	1.13	1	16	6	94	0.00	0.0	4.612	0.145	0	0	0	3
PL.601	PL.600	B	4ACSR	14.83Y	123.6	0.00	2.44	0.66	1	9	3	95	0.00	0.0	4.691	0.080	0	0	0	1
PL.605	PL.601	B	4ACSR	14.83Y	123.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	4.752	0.060	0	0	0	0
115711	PL.601	B	Consumer	14.83Y	123.6	0.00	2.44	0.66	0	9	3	95	0.00	0.0	4.691	0.000	9	3	1	1
PL.599	PL.600	B	4ACSR	14.83Y	123.6	0.00	2.44	0.47	0	7	2	96	0.00	0.0	4.781	0.170	0	0	0	2
PL.258	PL.599	B	4ACSR	14.83Y	123.6	0.00	2.44	0.47	0	7	2	96	0.00	0.0	4.832	0.051	0	0	0	2
PL.477	PL.258	B	4ACSR	14.83Y	123.6	0.00	2.44	0.45	0	6	2	95	0.00	0.0	5.001	0.169	0	0	0	1
114720	PL.477	B	Consumer	14.83Y	123.6	0.00	2.44	0.45	0	6	2	95	0.00	0.0	5.001	0.000	6	2	1	1
114704	PL.258	B	Consumer	14.83Y	123.6	0.00	2.44	0.02	0	0	0	100	0.00	0.0	4.832	0.000	0	0	1	1
PL.604	PL.599	B	4ACSR	14.83Y	123.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	4.781	0.000	0	0	0	0
PL.36744	PL.36750	B	4ACSR	14.84Y	123.6	0.00	2.37	0.81	1	11	4	94	0.00	0.0	4.040	0.005	0	0	0	1
PD.5732	PL.36744	B	fuse6AMP	14.84Y	123.6	0.00	2.37	0.81	14	11	4	94	0.00	0.0	4.040	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: UNION 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.36745	PD.5732	B	4ACSR	14.84Y	123.6	0.00	2.37	0.81	1	11	4	94	0.00	0.0	4.133	0.093	0	0	0	1
115610	PL.36745	B	Consumer	14.84Y	123.6	0.00	2.37	0.81	0	11	4	94	0.00	0.0	4.133	0.000	11	4	1	1
PL.40580	PL.40581	B	1/0EPRJCN	14.84Y	123.7	0.00	2.31	0.73	0	10	3	96	0.00	0.0	3.878	0.048	0	0	0	1
1156038	PL.40580	B	Consumer	14.84Y	123.7	0.00	2.31	0.74	0	10	4	93	0.00	0.0	3.878	0.000	10	4	1	1
PL.5390	PL.27325	B	4ACSR	14.86Y	123.8	0.00	2.17	1.41	1	20	7	94	0.00	0.0	3.437	0.029	0	0	0	2
PL.5391	PL.5390	B	4ACSR	14.86Y	123.8	0.00	2.17	0.71	1	10	3	96	0.00	0.0	3.477	0.040	0	0	0	1
115613	PL.5391	B	Consumer	14.86Y	123.8	0.00	2.17	0.71	0	10	3	96	0.00	0.0	3.477	0.000	10	3	1	1
115631	PL.5390	B	Consumer	14.86Y	123.8	0.00	2.17	0.70	0	10	3	96	0.00	0.0	3.437	0.000	10	3	1	1
1156037	PL.17560	B	Consumer	14.87Y	124.0	0.00	2.05	0.00	0	0	0	100	0.00	0.0	3.105	0.000	0	0	0	0
115618	PL.17560	B	Consumer	14.87Y	124.0	0.00	2.05	0.00	0	0	0	100	0.00	0.0	3.105	0.000	0	0	1	1
PL.37203	PL.17560	B	4ACSR	14.87Y	124.0	0.00	2.05	0.73	1	10	4	93	0.00	0.0	3.109	0.004	0	0	0	1
PD.5744	PL.37203	B	fuse6AMP	14.87Y	124.0	0.00	2.05	0.73	13	10	4	93	0.00	0.0	3.109	0.000	0	0	0	1
PL.37202	PD.5744	B	4ACSR	14.87Y	123.9	0.00	2.05	0.73	1	10	4	93	0.00	0.0	3.163	0.054	0	0	0	1
115628	PL.37202	B	Consumer	14.87Y	123.9	0.00	2.05	0.73	0	10	4	93	0.00	0.0	3.163	0.000	10	4	1	1
PL.646	PL.17564	B	4ACSR	14.89Y	124.1	0.00	1.93	0.67	1	9	3	95	0.00	0.0	2.963	0.031	0	0	0	1
1156036	PL.646	B	Consumer	14.89Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	2.963	0.000	0	0	0	0
115668	PL.646	B	Consumer	14.89Y	124.1	0.00	1.93	0.67	0	9	3	95	0.00	0.0	2.963	0.000	9	3	1	1
115626	PL.17564	B	Consumer	14.89Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	2.931	0.000	0	0	1	1
115602	PL.17564	B	Consumer	14.89Y	124.1	0.00	1.93	0.41	0	6	2	95	0.00	0.0	2.931	0.000	6	2	1	1
PL.33106	PL.17564	B	4ACSR	14.89Y	124.1	0.00	1.93	11.18	9	157	55	94	0.00	0.0	2.938	0.007	0	0	0	21
C PD.3949	PL.33106	B	fuse6AMP	14.89Y	124.1	0.00	1.93	11.18	191	157	55	94	0.00	0.0	2.938	0.000	0	0	0	21 C
PL.33107	PD.3949	B	4ACSR	14.89Y	124.1	0.01	1.94	11.18	9	157	55	94	0.01	0.0	2.982	0.043	0	0	0	21
115627	PL.33107	B	Consumer	14.89Y	124.1	0.00	1.94	0.34	0	5	2	93	0.00	0.0	2.982	0.000	5	2	1	1
115623	PL.33107	B	Consumer	14.89Y	124.1	0.00	1.94	1.21	0	17	6	94	0.00	0.0	2.982	0.000	17	6	1	1
PL.5384	PL.33107	B	4ACSR	14.88Y	124.0	0.02	1.96	9.63	8	135	48	94	0.02	0.0	3.078	0.097	0	0	0	19
PL.623	PL.5384	B	4ACSR	14.88Y	124.0	0.00	1.96	1.65	1	23	8	94	0.00	0.0	3.141	0.062	0	0	0	2
PL.630	PL.623	B	4ACSR	14.88Y	124.0	0.00	1.96	1.65	1	23	8	94	0.00	0.0	3.161	0.020	0	0	0	2
115616	PL.630	B	Consumer	14.88Y	124.0	0.00	1.96	1.19	0	17	6	94	0.00	0.0	3.161	0.000	17	6	1	1
115624	PL.630	B	Consumer	14.88Y	124.0	0.00	1.96	0.45	0	6	2	95	0.00	0.0	3.161	0.000	6	2	1	1
115605	PL.5384	B	Consumer	14.88Y	124.0	0.00	1.96	0.97	0	14	5	94	0.00	0.0	3.078	0.000	14	5	1	1
1156035	PL.5384	B	Consumer	14.88Y	124.0	0.00	1.96	0.13	0	2	1	89	0.00	0.0	3.078	0.000	2	1	1	1
PL.5381	PL.5384	B	4ACSR	14.88Y	124.0	0.00	1.96	6.88	6	97	34	94	0.00	0.0	3.094	0.016	0	0	0	15
115620	PL.5381	B	Consumer	14.88Y	124.0	0.00	1.96	0.65	0	9	3	95	0.00	0.0	3.094	0.000	9	3	1	1
PL.5382	PL.5381	B	4ACSR	14.88Y	124.0	0.00	1.96	6.23	5	87	31	94	0.00	0.0	3.099	0.005	0	0	0	14
PL.27846	PL.5382	B	4ACSR	14.88Y	124.0	0.00	1.97	6.23	5	87	31	94	0.00	0.0	3.109	0.011	0	0	0	14
PL.27847	PL.27846	B	4ACSR	14.88Y	124.0	0.01	1.97	5.20	4	73	26	94	0.00	0.0	3.176	0.067	0	0	0	12
PL.17567	PL.27847	B	4ACSR	14.88Y	124.0	0.02	1.99	3.22	3	45	16	94	0.01	0.0	3.392	0.216	0	0	0	10
PL.23689	PL.17567	B	4ACSR	14.88Y	124.0	0.00	1.99	1.96	2	28	10	94	0.00	0.0	3.470	0.077	0	0	0	5

Unbalanced Voltage Drop Report
Source: UNION 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							
115510	PL.23689	B	Consumer	14.88Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	3.470	0.000	0	0	0	0
115514	PL.23689	B	Consumer	14.88Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	3.470	0.000	0	0	0	0
115515	PL.23689	B	Consumer	14.88Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	3.470	0.000	0	0	0	0
PL.5494	PL.23689	B	4ACSR	14.88Y	124.0	0.00	1.99	1.75	1	25	9	94	0.00	0.0	3.507	0.038	0	0	0	3
115525	PL.5494	B	Consumer	14.88Y	124.0	0.00	1.99	0.65	0	9	3	95	0.00	0.0	3.507	0.000	9	3	1	1
PL.5495	PL.5494	B	4ACSR	14.88Y	124.0	0.00	2.00	1.10	1	15	5	95	0.00	0.0	3.571	0.063	0	0	0	2
1155034	PL.5495	B	Consumer	14.88Y	124.0	0.00	2.00	0.34	0	5	2	93	0.00	0.0	3.571	0.000	5	2	1	1
115519	PL.5495	B	Consumer	14.88Y	124.0	0.00	2.00	0.76	0	11	4	94	0.00	0.0	3.571	0.000	11	4	1	1
PL.779	PL.23689	B	4ACSR	14.88Y	124.0	0.00	1.99	0.21	0	3	1	95	0.00	0.0	3.552	0.083	0	0	0	2
115524	PL.779	B	Consumer	14.88Y	124.0	0.00	1.99	0.10	0	1	0	100	0.00	0.0	3.552	0.000	1	0	1	1
115511	PL.779	B	Consumer	14.88Y	124.0	0.00	1.99	0.11	0	2	1	89	0.00	0.0	3.552	0.000	2	1	1	1
PL.17568	PL.17567	B	4ACSR	14.88Y	124.0	0.00	1.99	1.26	1	18	6	95	0.00	0.0	3.450	0.058	0	0	0	5
PL.17569	PL.17568	B	4ACSR	14.88Y	124.0	0.00	1.99	0.31	0	4	2	89	0.00	0.0	3.648	0.198	0	0	0	1
115518	PL.17569	B	Consumer	14.88Y	124.0	0.00	1.99	0.31	0	4	2	89	0.00	0.0	3.648	0.000	4	2	1	1
PL.5497	PL.17568	B	4ACSR	14.88Y	124.0	0.00	1.99	0.50	0	7	2	96	0.00	0.0	3.495	0.045	0	0	0	2
PL.5498	PL.5497	B	4ACSR	14.88Y	124.0	0.00	1.99	0.50	0	7	2	96	0.00	0.0	3.572	0.077	0	0	0	2
115523	PL.5498	B	Consumer	14.88Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	3.572	0.000	0	0	1	1
PL.33081	PL.5498	B	4ACSR	14.88Y	124.0	0.00	1.99	0.50	0	7	2	96	0.00	0.0	3.625	0.053	0	0	0	1
1155033	PL.33081	B	Consumer	14.88Y	124.0	0.00	1.99	0.50	0	7	2	96	0.00	0.0	3.625	0.000	7	2	1	1
115517	PL.17568	B	Consumer	14.88Y	124.0	0.00	1.99	0.44	0	6	2	95	0.00	0.0	3.450	0.000	6	2	1	1
115504	PL.17568	B	Consumer	14.88Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	3.450	0.000	0	0	1	1
115526	PL.27847	B	Consumer	14.88Y	124.0	0.00	1.97	0.93	0	13	5	93	0.00	0.0	3.176	0.000	13	5	1	1
115512	PL.27847	B	Consumer	14.88Y	124.0	0.00	1.97	1.05	0	15	5	95	0.00	0.0	3.176	0.000	15	5	1	1
115530	PL.27846	B	Consumer	14.88Y	124.0	0.00	1.97	0.73	0	10	4	93	0.00	0.0	3.109	0.000	10	4	1	1
115513	PL.27846	B	Consumer	14.88Y	124.0	0.00	1.97	0.30	0	4	1	97	0.00	0.0	3.109	0.000	4	1	1	1
PL.629	PL.5382	B	4ACSR	14.88Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	3.099	0.000	0	0	0	0
116611	PL.27520	B	Consumer	14.93Y	124.4	0.00	1.61	0.30	0	4	1	97	0.00	0.0	2.607	0.000	4	1	1	1
PL.27517	PL.8854	A	4ACSR	15.11Y	125.9	0.00	0.10	1.72	1	24	9	94	0.00	0.0	2.545	0.010	0	0	0	3
PD.808	PL.27517	A	fuse6AMP	15.11Y	125.9	0.00	0.10	1.72	29	24	9	94	0.00	0.0	2.545	0.000	0	0	0	3
PL.27518	PD.808	A	4ACSR	15.11Y	125.9	0.00	0.10	1.72	1	24	9	94	0.00	0.0	2.663	0.119	0	0	0	3
PL.621	PL.27518	A	4ACSR	15.11Y	125.9	0.00	0.10	0.46	0	7	2	96	0.00	0.0	2.727	0.063	0	0	0	1
116612	PL.621	A	Consumer	15.11Y	125.9	0.00	0.10	0.46	0	7	2	96	0.00	0.0	2.727	0.000	7	2	1	1
116607	PL.27518	A	Consumer	15.11Y	125.9	0.00	0.10	0.33	0	5	2	93	0.00	0.0	2.663	0.000	5	2	1	1
116638	PL.27518	A	Consumer	15.11Y	125.9	0.00	0.10	0.92	0	13	5	93	0.00	0.0	2.663	0.000	13	5	1	1
PL.27515	PL.8854	C	4ACSR	15.07Y	125.6	0.00	0.39	0.22	0	3	1	95	0.00	0.0	2.545	0.010	0	0	0	2
PD.807	PL.27515	C	fuse6AMP	15.07Y	125.6	0.00	0.39	0.22	4	3	1	95	0.00	0.0	2.545	0.000	0	0	0	2
PL.27516	PD.807	C	4ACSR	15.07Y	125.6	0.00	0.39	0.22	0	3	1	95	0.00	0.0	2.621	0.077	0	0	0	2
PL.639	PL.27516	C	4ACSR	15.07Y	125.6	0.00	0.39	0.04	0	1	0	100	0.00	0.0	2.671	0.050	0	0	0	1

Unbalanced Voltage Drop Report
Source: UNION 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
116649	PL.639	C	Consumer	15.07Y	125.6	0.00	0.39	0.04	0	1	0	100	0.00	0.0	2.671	0.000	1	0	1	1
116627	PL.27516	C	Consumer	15.07Y	125.6	0.00	0.39	0.18	0	3	1	95	0.00	0.0	2.621	0.000	3	1	1	1
PL.18311	PL.8850	C	4ACSR	15.07Y	125.6	0.00	0.43	3.57	3	51	18	94	0.00	0.0	2.366	0.017	0	0	0	6
PD.809	PL.18311	C	fuse6AMP	15.07Y	125.6	0.00	0.43	3.57	61	51	18	94	0.00	0.0	2.366	0.000	0	0	0	6
PL.18312	PD.809	C	4ACSR	15.07Y	125.6	0.01	0.44	3.57	3	51	18	94	0.00	0.0	2.435	0.069	0	0	0	6
116632	PL.18312	C	Consumer	15.07Y	125.6	0.00	0.44	1.55	0	22	8	94	0.00	0.0	2.435	0.000	22	8	1	1
116628	PL.18312	C	Consumer	15.07Y	125.6	0.00	0.44	0.00	0	0	0	100	0.00	0.0	2.435	0.000	0	0	0	0
PL.5376	PL.18312	C	4ACSR	15.07Y	125.6	0.00	0.44	2.02	2	29	10	95	0.00	0.0	2.472	0.037	0	0	0	5
PL.5377	PL.5376	C	4ACSR	15.07Y	125.6	0.00	0.44	0.59	0	8	3	94	0.00	0.0	2.503	0.031	0	0	0	2
116636	PL.5377	C	Consumer	15.07Y	125.6	0.00	0.44	0.00	0	0	0	100	0.00	0.0	2.503	0.000	0	0	1	1
116615	PL.5377	C	Consumer	15.07Y	125.6	0.00	0.44	0.59	0	8	3	94	0.00	0.0	2.503	0.000	8	3	1	1
116629	PL.5376	C	Consumer	15.07Y	125.6	0.00	0.44	0.62	0	9	3	95	0.00	0.0	2.472	0.000	9	3	1	1
116630	PL.5376	C	Consumer	15.07Y	125.6	0.00	0.44	0.62	0	9	3	95	0.00	0.0	2.472	0.000	9	3	1	1
116623	PL.5376	C	Consumer	15.07Y	125.6	0.00	0.44	0.19	0	3	1	95	0.00	0.0	2.472	0.000	3	1	1	1
116631	PL.9633	B	Consumer	14.95Y	124.6	0.00	1.43	0.73	0	10	4	93	0.00	0.0	2.290	0.000	10	4	1	1
116614	PL.9633	B	Consumer	14.95Y	124.6	0.00	1.43	0.10	0	1	0	100	0.00	0.0	2.290	0.000	1	0	1	1
PL.27640	PL.9010	C	4ACSR	15.06Y	125.5	0.01	0.52	21.03	18	299	105	94	0.01	0.0	1.874	0.013	0	0	0	37
PD.53-A	PL.27640	C	Closed	15.06Y	125.5	0.00	0.52	21.03	0	299	105	94	0.00	0.0	1.874	0.000	0	0	0	37
PD.53-B	PD.53-A	C	Closed	15.06Y	125.5	0.00	0.52	21.03	0	299	105	94	0.00	0.0	1.874	0.000	0	0	0	37
PL.27641	PD.53-B	C	4ACSR	15.06Y	125.5	0.02	0.54	21.03	18	299	105	94	0.05	0.0	1.920	0.046	0	0	0	37
PL.27762	PL.27641	C	4ACSR	15.05Y	125.5	0.00	0.54	21.03	18	299	105	94	0.01	0.0	1.925	0.005	0	0	0	37
PD.3305	PL.27762	C	50E	15.05Y	125.5	0.00	0.54	21.03	42	299	105	94	0.00	0.0	1.925	0.000	0	0	0	37
PL.27763	PD.3305	C	4ACSR	15.05Y	125.4	0.05	0.59	21.03	18	299	105	94	0.10	0.0	2.020	0.095	0	0	0	37
PL.37184	PL.27763	C	4ACSR	15.05Y	125.4	0.00	0.59	4.08	3	58	20	95	0.00	0.0	2.025	0.005	0	0	0	9
PD.5739	PL.37184	C	fuse6AMP	15.05Y	125.4	0.00	0.59	4.08	70	58	20	95	0.00	0.0	2.025	0.000	0	0	0	9
PL.37185	PD.5739	C	4ACSR	15.05Y	125.4	0.00	0.59	4.08	3	58	20	95	0.00	0.0	2.062	0.037	0	0	0	9
116539	PL.37185	C	Consumer	15.05Y	125.4	0.00	0.59	0.67	0	10	3	96	0.00	0.0	2.062	0.000	10	3	1	1
116538	PL.37185	C	Consumer	15.05Y	125.4	0.00	0.59	0.33	0	5	2	93	0.00	0.0	2.062	0.000	5	2	1	1
PL.5489	PL.37185	C	4ACSR	15.05Y	125.4	0.00	0.60	3.08	3	44	15	95	0.00	0.0	2.117	0.055	0	0	0	7
PL.5490	PL.5489	C	4ACSR	15.05Y	125.4	0.00	0.60	1.49	1	21	7	95	0.00	0.0	2.154	0.037	0	0	0	4
116515	PL.5490	C	Consumer	15.05Y	125.4	0.00	0.60	0.38	0	5	2	93	0.00	0.0	2.154	0.000	5	2	1	1
PL.5491	PL.5490	C	4ACSR	15.05Y	125.4	0.00	0.60	1.11	1	16	6	94	0.00	0.0	2.179	0.025	0	0	0	3
116509	PL.5491	C	Consumer	15.05Y	125.4	0.00	0.60	0.53	0	7	3	92	0.00	0.0	2.179	0.000	7	3	1	1
116549	PL.5491	C	Consumer	15.05Y	125.4	0.00	0.60	0.02	0	0	0	100	0.00	0.0	2.179	0.000	0	0	1	1
116507	PL.5491	C	Consumer	15.05Y	125.4	0.00	0.60	0.56	0	8	3	94	0.00	0.0	2.179	0.000	8	3	1	1
116543	PL.5489	C	Consumer	15.05Y	125.4	0.00	0.60	0.11	0	2	1	89	0.00	0.0	2.117	0.000	2	1	1	1
116517	PL.5489	C	Consumer	15.05Y	125.4	0.00	0.60	0.57	0	8	3	94	0.00	0.0	2.117	0.000	8	3	1	1
116514	PL.5489	C	Consumer	15.05Y	125.4	0.00	0.60	0.91	0	13	5	93	0.00	0.0	2.117	0.000	13	5	1	1

Unbalanced Voltage Drop Report
Source: UNION 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.9636	PL.27763	C	4ACSR	15.05Y	125.4	0.03	0.62	11.52	10	164	58	94	0.04	0.0	2.138	0.118	0	0	0	20
PL.5487	PL.9636	C	4ACSR	15.04Y	125.4	0.01	0.63	10.37	9	147	52	94	0.01	0.0	2.188	0.049	0	0	0	19
1165053	PL.5487	C	Consumer	15.04Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	2.188	0.000	0	0	1	1
116502	PL.5487	C	Consumer	15.04Y	125.4	0.00	0.63	0.37	0	5	2	93	0.00	0.0	2.188	0.000	5	2	1	1
116510	PL.5487	C	Consumer	15.04Y	125.4	0.00	0.63	0.28	0	4	1	97	0.00	0.0	2.188	0.000	4	1	1	1
PL.790	PL.5487	C	4ACSR	15.04Y	125.4	0.00	0.63	0.61	1	9	3	95	0.00	0.0	2.209	0.022	0	0	0	1
PL.786	PL.790	C	4ACSR	15.04Y	125.4	0.00	0.63	0.61	1	9	3	95	0.00	0.0	2.327	0.118	0	0	0	1
PL.787	PL.786	C	4ACSR	15.04Y	125.4	0.00	0.63	0.61	1	9	3	95	0.00	0.0	2.445	0.118	0	0	0	1
116540	PL.787	C	Consumer	15.04Y	125.4	0.00	0.63	0.61	0	9	3	95	0.00	0.0	2.445	0.000	9	3	1	1
PL.5501	PL.5487	C	4ACSR	15.04Y	125.4	0.02	0.65	9.12	8	129	46	94	0.02	0.0	2.274	0.086	0	0	0	15
116550	PL.5501	C	Consumer	15.04Y	125.4	0.00	0.65	0.45	0	6	2	95	0.00	0.0	2.274	0.000	6	2	1	1
PL.5502	PL.5501	C	4ACSR	15.04Y	125.3	0.01	0.66	8.67	7	123	43	94	0.01	0.0	2.325	0.051	0	0	0	14
PL.5492	PL.5502	C	4ACSR	15.04Y	125.3	0.01	0.67	8.07	7	115	40	94	0.01	0.0	2.401	0.076	0	0	0	13
116530	PL.5492	C	Consumer	15.04Y	125.3	0.00	0.67	0.88	0	12	4	95	0.00	0.0	2.401	0.000	12	4	1	1
PL.9637	PL.5492	C	4ACSR	15.04Y	125.3	0.01	0.68	6.11	5	87	30	95	0.01	0.0	2.474	0.073	0	0	0	11
116545	PL.9637	C	Consumer	15.04Y	125.3	0.00	0.68	0.59	0	8	3	94	0.00	0.0	2.474	0.000	8	3	1	1
PL.9638	PL.9637	C	4ACSR	15.04Y	125.3	0.00	0.69	2.72	2	39	14	94	0.00	0.0	2.545	0.072	0	0	0	5
PL.799	PL.9638	C	4ACSR	15.04Y	125.3	0.00	0.69	0.39	0	6	2	95	0.00	0.0	2.584	0.039	0	0	0	1
116542	PL.799	C	Consumer	15.04Y	125.3	0.00	0.69	0.39	0	6	2	95	0.00	0.0	2.584	0.000	6	2	1	1
PL.798	PL.9638	C	4ACSR	15.04Y	125.3	0.00	0.69	0.98	1	14	5	94	0.00	0.0	2.595	0.049	0	0	0	2
116534	PL.798	C	Consumer	15.04Y	125.3	0.00	0.69	0.46	0	6	2	95	0.00	0.0	2.595	0.000	6	2	1	1
116532	PL.798	C	Consumer	15.04Y	125.3	0.00	0.69	0.53	0	7	3	92	0.00	0.0	2.595	0.000	7	3	1	1
116529	PL.9638	C	Consumer	15.04Y	125.3	0.00	0.69	0.59	0	8	3	94	0.00	0.0	2.545	0.000	8	3	1	1
116533	PL.9638	C	Consumer	15.04Y	125.3	0.00	0.69	0.75	0	11	4	94	0.00	0.0	2.545	0.000	11	4	1	1
PL.791	PL.9637	C	4ACSR	15.04Y	125.3	0.00	0.69	1.69	1	24	8	95	0.00	0.0	2.534	0.060	0	0	0	3
116527	PL.791	C	Consumer	15.04Y	125.3	0.00	0.69	0.76	0	11	4	94	0.00	0.0	2.534	0.000	11	4	1	1
116528	PL.791	C	Consumer	15.04Y	125.3	0.00	0.69	0.43	0	6	2	95	0.00	0.0	2.534	0.000	6	2	1	1
116531	PL.791	C	Consumer	15.04Y	125.3	0.00	0.69	0.50	0	7	2	96	0.00	0.0	2.534	0.000	7	2	1	1
PL.792	PL.9637	C	4ACSR	15.04Y	125.3	0.00	0.68	1.12	1	16	6	94	0.00	0.0	2.504	0.030	0	0	0	2
116536	PL.792	C	Consumer	15.04Y	125.3	0.00	0.68	0.48	0	7	2	96	0.00	0.0	2.504	0.000	7	2	1	1
116535	PL.792	C	Consumer	15.04Y	125.3	0.00	0.68	0.63	0	9	3	95	0.00	0.0	2.504	0.000	9	3	1	1
PL.40698	PL.5492	C	4ACSR	15.04Y	125.3	0.00	0.67	1.08	1	15	5	95	0.00	0.0	2.418	0.017	0	0	0	1
116501	PL.40698	C	Consumer	15.04Y	125.3	0.00	0.67	1.08	0	15	5	95	0.00	0.0	2.418	0.000	15	5	1	1
116524	PL.5502	C	Consumer	15.04Y	125.3	0.00	0.66	0.60	0	8	3	94	0.00	0.0	2.325	0.000	8	3	1	1
116519	PL.9636	C	Consumer	15.05Y	125.4	0.00	0.62	1.15	0	16	6	94	0.00	0.0	2.138	0.000	16	6	1	1
1165050	PL.9636	C	Consumer	15.05Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	2.138	0.000	0	0	0	0
PL.37186	PL.27763	C	4ACSR	15.05Y	125.4	0.00	0.59	4.84	4	69	24	94	0.00	0.0	2.024	0.004	0	0	0	7
C PD.5740	PL.37186	C	fuse6AMP	15.05Y	125.4	0.00	0.59	4.84	83	69	24	94	0.00	0.0	2.024	0.000	0	0	0	7 C

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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
PL.37189	PD.5740	C	4ACSR	15.05Y	125.4	0.00	0.59	4.84	4	69	24	94	0.00	0.0	2.027	0.003	0	0	0	7
PL.37190	PL.37189	C	4ACSR	15.05Y	125.4	0.00	0.59	3.66	3	52	18	94	0.00	0.0	2.079	0.052	0	0	0	5
116508	PL.37190	C	Consumer	15.05Y	125.4	0.00	0.59	1.16	0	16	6	94	0.00	0.0	2.079	0.000	16	6	1	1
PL.793	PL.37190	C	4ACSR	15.05Y	125.4	0.00	0.60	2.51	2	36	13	94	0.00	0.0	2.141	0.063	0	0	0	4
PL.794	PL.793	C	4ACSR	15.05Y	125.4	0.00	0.60	2.51	2	36	13	94	0.00	0.0	2.174	0.033	0	0	0	4
PL.795	PL.794	C	4ACSR	15.05Y	125.4	0.00	0.60	0.76	1	11	4	94	0.00	0.0	2.225	0.051	0	0	0	2
116523	PL.795	C	Consumer	15.05Y	125.4	0.00	0.60	0.49	0	7	2	96	0.00	0.0	2.225	0.000	7	2	1	1
116537	PL.795	C	Consumer	15.05Y	125.4	0.00	0.60	0.27	0	4	1	97	0.00	0.0	2.225	0.000	4	1	1	1
PL.796	PL.794	C	4ACSR	15.05Y	125.4	0.00	0.60	0.90	1	13	4	96	0.00	0.0	2.248	0.073	0	0	0	1
116521	PL.796	C	Consumer	15.05Y	125.4	0.00	0.60	0.90	0	13	4	96	0.00	0.0	2.248	0.000	13	4	1	1
PL.797	PL.796	C	4ACSR	15.05Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	2.325	0.078	0	0	0	0
1165054	PL.797	C	Consumer	15.05Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	2.325	0.000	0	0	0	0
116512	PL.794	C	Consumer	15.05Y	125.4	0.00	0.60	0.84	0	12	4	95	0.00	0.0	2.174	0.000	12	4	1	1
PL.37188	PL.37189	C	4ACSR	15.05Y	125.4	0.00	0.59	1.18	1	17	6	94	0.00	0.0	2.106	0.079	0	0	0	2
116513	PL.37188	C	Consumer	15.05Y	125.4	0.00	0.59	0.56	0	8	3	94	0.00	0.0	2.106	0.000	8	3	1	1
116516	PL.37188	C	Consumer	15.05Y	125.4	0.00	0.59	0.61	0	9	3	95	0.00	0.0	2.106	0.000	9	3	1	1
116511	PL.27763	C	Consumer	15.05Y	125.4	0.00	0.59	0.59	0	8	3	94	0.00	0.0	2.020	0.000	8	3	1	1
PL.27521	PL.9011	C	4ACSR	15.06Y	125.5	0.00	0.48	2.35	2	33	12	94	0.00	0.0	1.614	0.009	0	0	0	2
PD.817	PL.27521	C	fuse6AMP	15.06Y	125.5	0.00	0.48	2.35	40	33	12	94	0.00	0.0	1.614	0.000	0	0	0	2
PL.27522	PD.817	C	4ACSR	15.06Y	125.5	0.00	0.49	2.35	2	33	12	94	0.00	0.0	1.657	0.043	0	0	0	2
116648	PL.27522	C	Consumer	15.06Y	125.5	0.00	0.49	0.77	0	11	4	94	0.00	0.0	1.657	0.000	11	4	1	1
1166068	PL.27522	C	Consumer	15.06Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	1.657	0.000	0	0	0	0
PL.5392	PL.27522	C	4ACSR	15.06Y	125.5	0.00	0.49	1.58	1	22	8	94	0.00	0.0	1.688	0.031	0	0	0	1
116610	PL.5392	C	Consumer	15.06Y	125.5	0.00	0.49	1.58	0	22	8	94	0.00	0.0	1.688	0.000	22	8	1	1
117518	PL.27523	B	Consumer	15.01Y	125.1	0.00	0.93	0.02	0	0	0	100	0.00	0.0	1.507	0.000	0	0	1	1
PL.9005	PL.34	A	1/0ACSR	15.11Y	125.9	-0.00	0.06	0.00	0	0	0	100	0.00	0.0	1.459	0.028	0	0	0	0
		B		15.01Y	125.1	0.00	0.88	0.00	0	0	0	100					0	0	0	0
		C		15.06Y	125.5	0.00	0.46	5.51	3	78	28	94					0	0	0	17
PL.9006	PL.9005	A	1/0ACSR	15.11Y	125.9	-0.01	0.06	0.00	0	0	0	100	0.01	0.0	1.666	0.206	0	0	0	0
		B		15.01Y	125.1	0.00	0.89	0.00	0	0	0	100					0	0	0	0
		C		15.06Y	125.5	0.01	0.48	5.51	3	78	28	94					0	0	0	17
PL.9007	PL.9006	A	1/0ACSR	15.11Y	125.9	-0.00	0.06	0.00	0	0	0	100	0.00	0.0	1.732	0.067	0	0	0	0
		B		15.01Y	125.1	0.00	0.89	0.00	0	0	0	100					0	0	0	0
		C		15.06Y	125.5	0.00	0.48	5.51	3	78	28	94					0	0	0	17
PL.5513	PL.9007	A	1/0ACSR	15.11Y	125.9	-0.00	0.06	0.00	0	0	0	100	0.00	0.0	1.767	0.035	0	0	0	0
		B		15.01Y	125.1	0.00	0.89	0.00	0	0	0	100					0	0	0	0
		C		15.06Y	125.5	0.00	0.48	4.82	2	68	24	94					0	0	0	14
PL.23696	PL.5513	C	4ACSR	15.06Y	125.5	0.00	0.48	0.02	0	0	0	100	0.00	0.0	1.889	0.122	0	0	0	1
117502	PL.23696	C	Consumer	15.06Y	125.5	0.00	0.48	0.02	0	0	0	100	0.00	0.0	1.889	0.000	0	0	1	1
PL.46508	PL.5513	C	4ACSR	15.06Y	125.5	0.00	0.48	4.79	4	68	24	94	0.00	0.0	1.785	0.018	0	0	0	13
C.PD.8747	PL.46508	C	fuse6AMP	15.06Y	125.5	0.00	0.48	4.79	82	68	24	94	0.00	0.0	1.785	0.000	0	0	0	13 C
PL.46509	PD.8747	C	4ACSR	15.06Y	125.5	0.00	0.49	4.79	4	68	24	94	0.00	0.0	1.808	0.023	0	0	0	13

Unbalanced Voltage Drop Report
Source: UNION CITY

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-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
117535	PL.46509	C	Consumer	15.06Y	125.5	0.00	0.49	0.08	0	1	0	100	0.00	0.0	1.808	0.000	1	0	1	1
PL.9008	PL.46509	C	4ACSR	15.06Y	125.5	0.00	0.49	4.72	4	67	24	94	0.00	0.0	1.841	0.033	0	0	0	12
PL.9009	PL.9008	C	4ACSR	15.06Y	125.5	0.00	0.49	3.88	3	55	19	95	0.00	0.0	1.863	0.023	0	0	0	9
PL.785	PL.9009	C	4ACSR	15.06Y	125.5	0.00	0.49	3.88	3	55	19	95	0.00	0.0	1.879	0.016	0	0	0	9
PL.784	PL.785	C	4ACSR	15.06Y	125.5	0.01	0.51	3.69	3	52	18	94	0.00	0.0	2.022	0.143	0	0	0	8
117508	PL.784	C	Consumer	15.06Y	125.5	0.00	0.51	0.71	0	10	4	93	0.00	0.0	2.022	0.000	10	4	1	1
PL.782	PL.784	C	4ACSR	15.06Y	125.5	0.01	0.51	2.99	3	42	15	94	0.00	0.0	2.098	0.076	0	0	0	7
PL.783	PL.782	C	4ACSR	15.06Y	125.5	0.00	0.51	2.99	3	42	15	94	0.00	0.0	2.113	0.015	0	0	0	7
PL.5511	PL.783	C	4ACSR	15.06Y	125.5	0.01	0.52	2.99	3	42	15	94	0.00	0.0	2.214	0.102	0	0	0	7
PL.5512	PL.5511	C	4ACSR	15.06Y	125.5	0.00	0.52	2.47	2	35	12	95	0.00	0.0	2.274	0.060	0	0	0	5
PL.23694	PL.5512	C	4ACSR	15.06Y	125.5	0.00	0.52	0.85	1	12	4	95	0.00	0.0	2.330	0.056	0	0	0	1
PL.23695	PL.23694	C	4ACSR	15.06Y	125.5	0.00	0.52	0.85	1	12	4	95	0.00	0.0	2.376	0.046	0	0	0	1
117516	PL.23695	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	2.376	0.000	0	0	0	0
117514	PL.23695	C	Consumer	15.06Y	125.5	0.00	0.52	0.85	0	12	4	95	0.00	0.0	2.376	0.000	12	4	1	1
117517	PL.5512	C	Consumer	15.06Y	125.5	0.00	0.52	0.36	0	5	2	93	0.00	0.0	2.274	0.000	5	2	1	1
117510	PL.5512	C	Consumer	15.06Y	125.5	0.00	0.52	0.28	0	4	1	97	0.00	0.0	2.274	0.000	4	1	1	1
117515	PL.5512	C	Consumer	15.06Y	125.5	0.00	0.52	0.52	0	7	3	92	0.00	0.0	2.274	0.000	7	3	1	1
117513	PL.5512	C	Consumer	15.06Y	125.5	0.00	0.52	0.46	0	7	2	96	0.00	0.0	2.274	0.000	7	2	1	1
117512	PL.5511	C	Consumer	15.06Y	125.5	0.00	0.52	0.21	0	3	1	95	0.00	0.0	2.214	0.000	3	1	1	1
117511	PL.5511	C	Consumer	15.06Y	125.5	0.00	0.52	0.31	0	4	2	89	0.00	0.0	2.214	0.000	4	2	1	1
116503	PL.785	C	Consumer	15.06Y	125.5	0.00	0.49	0.18	0	3	1	95	0.00	0.0	1.879	0.000	3	1	1	1
PL.27527	PL.9008	C	4ACSR	15.06Y	125.5	0.00	0.49	0.29	0	4	1	97	0.00	0.0	1.848	0.008	0	0	0	2
PD.893	PL.27527	C	fuse6AMP	15.06Y	125.5	0.00	0.49	0.29	5	4	1	97	0.00	0.0	1.848	0.000	0	0	0	2
PL.27528	PD.893	C	4ACSR	15.06Y	125.5	0.00	0.49	0.29	0	4	1	97	0.00	0.0	1.869	0.021	0	0	0	2
117534	PL.27528	C	Consumer	15.06Y	125.5	0.00	0.49	0.04	0	1	0	100	0.00	0.0	1.869	0.000	1	0	1	1
117526	PL.27528	C	Consumer	15.06Y	125.5	0.00	0.49	0.25	0	4	1	97	0.00	0.0	1.869	0.000	4	1	1	1
117505	PL.9008	C	Consumer	15.06Y	125.5	0.00	0.49	0.55	0	8	3	94	0.00	0.0	1.841	0.000	8	3	1	1
PL.27525	PL.5513	A	4ACSR	15.11Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	1.777	0.011	0	0	0	0
PD.73-A	PL.27525	A	Closed	15.11Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	1.777	0.000	0	0	0	0
PD.73-B	PD.73-A	A	Closed	15.11Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	1.777	0.000	0	0	0	0
PL.27526	PD.73-B	A	4ACSR	15.11Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	2.086	0.308	0	0	0	0
117504	PL.27526	A	Consumer	15.11Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	2.086	0.000	0	0	0	0
117525	PL.9007	C	Consumer	15.06Y	125.5	0.00	0.48	0.05	0	1	0	100	0.00	0.0	1.732	0.000	1	0	1	1
1175038	PL.9007	C	Consumer	15.06Y	125.5	0.00	0.48	0.10	0	1	0	100	0.00	0.0	1.732	0.000	1	0	1	1
117520	PL.9007	C	Consumer	15.06Y	125.5	0.00	0.48	0.55	0	8	3	94	0.00	0.0	1.732	0.000	8	3	1	1
PL.27529	PL.9006	C	4ACSR	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	1.675	0.009	0	0	0	0
PD.892	PL.27529	C	fuse6AMP	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	1.675	0.000	0	0	0	0
PL.27530	PD.892	C	4ACSR	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	1.742	0.067	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 a sub-header for 'Units Displayed In Volts' and '-Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: UNION 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. Includes a sub-header for 'Units Displayed In Volts' and '-Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: UNION 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 117656 through 117655.

Unbalanced Voltage Drop Report
Source: UNION 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 a sub-header 'Units Displayed In Volts -Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: UNION 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. 3 (UNIONCITY3) beginning with device PD.3922.

Unbalanced Voltage Drop Report
Source: UNION 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
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	KW						%	KW		
PL.8690	PL.7796	A	1/0ACSR	15.11Y	126.0	0.00	0.04	11.67	6	166	59	94	0.01	0.0	0.479	0.030	0	0	0	24		
		B		15.12Y	126.0	-0.00	-0.00	0.88	0	13	4	94					0	0	0	2		
		C		15.11Y	125.9	0.00	0.07	11.00	5	157	55	94					0	0	0	19		
PL.8691	PL.8690	A	1/0ACSR	15.11Y	126.0	0.00	0.04	4.12	2	59	21	94	0.01	0.0	0.539	0.060	0	0	0	9		
		B		15.12Y	126.0	0.00	0.00	0.88	0	13	4	94					0	0	0	2		
		C		15.11Y	125.9	0.01	0.08	11.00	5	157	55	94					0	0	0	19		
PL.38951	PL.8691	C	4ACSR	15.11Y	125.9	0.00	0.08	11.00	9	157	55	94	0.00	0.0	0.547	0.008	0	0	0	19		
C PD.6784	PL.38951	C	fuse8AMP	15.11Y	125.9	0.00	0.08	11.00	151	157	55	94	0.00	0.0	0.547	0.000	0	0	0	19 C		
PL.38952	PD.6784	C	4ACSR	15.11Y	125.9	0.01	0.09	11.00	9	157	55	94	0.01	0.0	0.579	0.032	0	0	0	19		
PL.22751	PL.38952	C	4ACSR	15.11Y	125.9	0.01	0.10	9.65	8	137	48	94	0.01	0.0	0.621	0.042	0	0	0	17		
653401	PL.22751	C	Consumer	15.11Y	125.9	0.00	0.10	0.64	0	9	3	95	0.00	0.0	0.621	0.000	9	3	1	1		
PL.22752	PL.22751	C	4ACSR	15.11Y	125.9	0.01	0.11	9.00	8	128	45	94	0.01	0.0	0.654	0.033	0	0	0	16		
PL.28424	PL.22752	C	4ACSR	15.11Y	125.9	0.00	0.11	8.02	7	114	40	94	0.00	0.0	0.668	0.014	0	0	0	14		
653303	PL.28424	C	Consumer	15.11Y	125.9	0.00	0.11	1.10	0	16	6	94	0.00	0.0	0.668	0.000	16	6	1	1		
PL.21642	PL.28424	C	4ACSR	15.11Y	125.9	0.00	0.11	6.92	6	99	35	94	0.00	0.0	0.691	0.023	0	0	0	13		
PL.21643	PL.21642	C	4ACSR	15.11Y	125.9	0.00	0.12	5.59	5	80	28	94	0.00	0.0	0.715	0.024	0	0	0	10		
PL.28421	PL.21643	C	4ACSR	15.11Y	125.9	0.00	0.12	5.59	5	80	28	94	0.00	0.0	0.716	0.000	0	0	0	10		
PL.32709	PL.28421	C	4ACSR	15.11Y	125.9	0.00	0.12	3.74	3	53	19	94	0.00	0.0	0.773	0.058	0	0	0	8		
PL.32715	PL.32709	C	4ACSR	15.11Y	125.9	0.00	0.12	1.52	1	22	8	94	0.00	0.0	0.840	0.066	0	0	0	3		
6544004	PL.32715	C	Consumer	15.11Y	125.9	0.00	0.12	0.66	0	9	3	95	0.00	0.0	0.840	0.000	9	3	1	1		
PL.32716	PL.32715	C	4ACSR	15.11Y	125.9	0.00	0.12	0.87	1	12	4	95	0.00	0.0	0.850	0.011	0	0	0	2		
PL.32714	PL.32716	C	4ACSR	15.11Y	125.9	0.00	0.12	0.87	1	12	4	95	0.00	0.0	0.851	0.000	0	0	0	2		
PL.32712	PL.32714	C	4ACSR	15.10Y	125.9	0.00	0.13	0.87	1	12	4	95	0.00	0.0	0.893	0.042	0	0	0	2		
653410	PL.32712	C	Consumer	15.10Y	125.9	0.00	0.13	0.41	0	6	2	95	0.00	0.0	0.893	0.000	6	2	1	1		
653411	PL.32712	C	Consumer	15.10Y	125.9	0.00	0.13	0.45	0	6	2	95	0.00	0.0	0.893	0.000	6	2	1	1		
6544001	PL.32714	C	Consumer	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	0.851	0.000	0	0	0	0		
PL.32710	PL.32709	C	4ACSR	15.11Y	125.9	0.00	0.12	2.22	2	32	11	95	0.00	0.0	0.796	0.023	0	0	0	5		
6544003	PL.32710	C	Consumer	15.11Y	125.9	0.00	0.12	0.61	0	9	3	95	0.00	0.0	0.796	0.000	9	3	1	1		
654401	PL.32710	C	Consumer	15.11Y	125.9	0.00	0.12	0.56	0	8	3	94	0.00	0.0	0.796	0.000	8	3	1	1		
654402	PL.32710	C	Consumer	15.11Y	125.9	0.00	0.12	0.02	0	0	0	100	0.00	0.0	0.796	0.000	0	0	1	1		
PL.21773	PL.32710	C	4ACSR	15.11Y	125.9	0.00	0.12	1.03	1	15	5	95	0.00	0.0	0.846	0.050	0	0	0	2		
655401	PL.21773	C	Consumer	15.11Y	125.9	0.00	0.12	0.87	0	12	4	95	0.00	0.0	0.846	0.000	12	4	1	1		
655402	PL.21773	C	Consumer	15.11Y	125.9	0.00	0.12	0.16	0	2	1	89	0.00	0.0	0.846	0.000	2	1	1	1		
653409	PL.28421	C	Consumer	15.11Y	125.9	0.00	0.12	0.82	0	12	4	95	0.00	0.0	0.716	0.000	12	4	1	1		
653408	PL.28421	C	Consumer	15.11Y	125.9	0.00	0.12	1.02	0	15	5	95	0.00	0.0	0.716	0.000	15	5	1	1		
PL.21780	PL.21642	C	4ACSR	15.11Y	125.9	0.01	0.12	1.33	1	19	7	94	0.00	0.0	0.873	0.182	0	0	0	3		
6553003	PL.21780	C	Consumer	15.11Y	125.9	0.00	0.12	0.02	0	0	0	100	0.00	0.0	0.873	0.000	0	0	1	1		
655302	PL.21780	C	Consumer	15.11Y	125.9	0.00	0.12	0.91	0	13	5	93	0.00	0.0	0.873	0.000	13	5	1	1		
655301	PL.21780	C	Consumer	15.11Y	125.9	0.00	0.12	0.40	0	6	2	95	0.00	0.0	0.873	0.000	6	2	1	1		
653301	PL.22752	C	Consumer	15.11Y	125.9	0.00	0.11	0.42	0	6	2	95	0.00	0.0	0.654	0.000	6	2	1	1		

Unbalanced Voltage Drop Report
Source: UNION 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
653302	PL.22752	C	Consumer	15.11Y	125.9	0.00	0.11	0.56	0	8	3	94	0.00	0.0	0.654	0.000	8	3	1	1
653403	PL.38952	C	Consumer	15.11Y	125.9	0.00	0.09	0.65	0	9	3	95	0.00	0.0	0.579	0.000	9	3	1	1
653407	PL.38952	C	Consumer	15.11Y	125.9	0.00	0.09	0.71	0	10	4	93	0.00	0.0	0.579	0.000	10	4	1	1
652401	PL.8691	B	Consumer	15.12Y	126.0	0.00	0.00	0.60	0	8	3	94	0.00	0.0	0.539	0.000	8	3	1	1
653404	PL.8691	B	Consumer	15.12Y	126.0	0.00	0.00	0.29	0	4	1	97	0.00	0.0	0.539	0.000	4	1	1	1
PL.38953	PL.8691	A	4ACSR	15.11Y	126.0	0.00	0.04	4.12	3	59	21	94	0.00	0.0	0.546	0.007	0	0	0	9
PD.6785	PL.38953	A	fuse8AMP	15.11Y	126.0	0.00	0.04	4.12	56	59	21	94	0.00	0.0	0.546	0.000	0	0	0	9
PL.38954	PD.6785	A	4ACSR	15.11Y	126.0	0.00	0.05	4.12	3	59	21	94	0.00	0.0	0.586	0.040	0	0	0	9
653501	PL.38954	A	Consumer	15.11Y	126.0	0.00	0.05	0.67	0	10	3	96	0.00	0.0	0.586	0.000	10	3	1	1
653505	PL.38954	A	Consumer	15.11Y	126.0	0.00	0.05	0.13	0	2	1	89	0.00	0.0	0.586	0.000	2	1	1	1
653402	PL.38954	A	Consumer	15.11Y	126.0	0.00	0.05	0.23	0	3	1	95	0.00	0.0	0.586	0.000	3	1	1	1
653405	PL.38954	A	Consumer	15.11Y	126.0	0.00	0.05	0.56	0	8	3	94	0.00	0.0	0.586	0.000	8	3	1	1
PL.23179	PL.38954	A	4ACSR	15.11Y	126.0	0.00	0.05	2.53	2	36	13	94	0.00	0.0	0.638	0.053	0	0	0	5
PL.21529	PL.23179	A	4ACSR	15.11Y	125.9	0.00	0.05	1.16	1	17	6	94	0.00	0.0	0.717	0.078	0	0	0	2
654501	PL.21529	A	Consumer	15.11Y	125.9	0.00	0.05	0.71	0	10	4	93	0.00	0.0	0.717	0.000	10	4	1	1
6545003	PL.21529	A	Consumer	15.11Y	125.9	0.00	0.05	0.45	0	6	2	95	0.00	0.0	0.717	0.000	6	2	1	1
653504	PL.23179	A	Consumer	15.11Y	126.0	0.00	0.05	0.67	0	10	3	96	0.00	0.0	0.638	0.000	10	3	1	1
653406	PL.23179	A	Consumer	15.11Y	126.0	0.00	0.05	0.30	0	4	2	89	0.00	0.0	0.638	0.000	4	2	1	1
654502	PL.23179	A	Consumer	15.11Y	126.0	0.00	0.05	0.40	0	6	2	95	0.00	0.0	0.638	0.000	6	2	1	1
652504	PL.8690	A	Consumer	15.11Y	126.0	0.00	0.04	0.41	0	6	2	95	0.00	0.0	0.479	0.000	6	2	1	1
652506	PL.8690	A	Consumer	15.11Y	126.0	0.00	0.04	0.24	0	3	1	95	0.00	0.0	0.479	0.000	3	1	1	1
PL.38949	PL.8690	A	2ACSR	15.11Y	126.0	0.00	0.04	6.90	4	98	35	94	0.00	0.0	0.485	0.006	0	0	0	13
C PD.6783	PL.38949	A	fuse6AMP	15.11Y	126.0	0.00	0.04	6.90	118	98	35	94	0.00	0.0	0.485	0.000	0	0	0	13 C
PL.38950	PD.6783	A	2ACSR	15.11Y	126.0	0.00	0.05	6.90	4	98	35	94	0.00	0.0	0.511	0.026	0	0	0	13
PL.21913	PL.38950	A	4ACSR	15.11Y	126.0	0.00	0.05	4.32	4	62	22	94	0.00	0.0	0.520	0.010	0	0	0	9
652505	PL.21913	A	Consumer	15.11Y	126.0	0.00	0.05	0.35	0	5	2	93	0.00	0.0	0.520	0.000	5	2	1	1
652503	PL.21913	A	Consumer	15.11Y	126.0	0.00	0.05	0.29	0	4	1	97	0.00	0.0	0.520	0.000	4	1	1	1
PL.21914	PL.21913	A	4ACSR	15.11Y	126.0	0.00	0.05	3.69	3	53	18	95	0.00	0.0	0.554	0.034	0	0	0	7
653503	PL.21914	A	Consumer	15.11Y	126.0	0.00	0.05	0.44	0	6	2	95	0.00	0.0	0.554	0.000	6	2	1	1
653502	PL.21914	A	Consumer	15.11Y	126.0	0.00	0.05	0.76	0	11	4	94	0.00	0.0	0.554	0.000	11	4	1	1
PL.28425	PL.21914	A	4ACSR	15.11Y	125.9	0.01	0.06	2.49	2	35	12	95	0.00	0.0	0.648	0.094	0	0	0	5
PL.28423	PL.28425	A	4ACSR	15.11Y	125.9	0.00	0.06	1.89	2	27	9	95	0.00	0.0	0.691	0.043	0	0	0	4
PL.22876	PL.28423	A	4ACSR	15.11Y	125.9	0.00	0.06	0.68	1	10	3	96	0.00	0.0	0.707	0.017	0	0	0	1
PL.22877	PL.22876	A	4ACSR	15.11Y	125.9	0.00	0.06	0.68	1	10	3	96	0.00	0.0	0.730	0.023	0	0	0	1
654609	PL.22877	A	Consumer	15.11Y	125.9	0.00	0.06	0.68	0	10	3	96	0.00	0.0	0.730	0.000	10	3	1	1
654603	PL.22876	A	Consumer	15.11Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	0.707	0.000	0	0	0	0
PL.21776	PL.28423	A	4ACSR	15.11Y	125.9	0.00	0.06	1.22	1	17	6	94	0.00	0.0	0.712	0.021	0	0	0	3
PL.21775	PL.21776	A	4ACSR	15.11Y	125.9	0.00	0.06	0.54	0	8	3	94	0.00	0.0	0.771	0.059	0	0	0	1

Unbalanced Voltage Drop Report
Source: UNION 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. 4 (UNIONCITY4) beginning with Device PD.3919.

Unbalanced Voltage Drop Report
Source: UNION 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.32917, PL.42750, etc.

Unbalanced Voltage Drop Report
Source: UNION 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
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	Length (mi)					KW	KVAR		
PL.30923	PL.8400	A	336ACSR	15.10Y	125.9	0.00	0.14	47.32	11	686	201	96	0.05	0.0	0.955	0.024	0	0	0	93	
		B		15.10Y	125.8	0.00	0.20	50.55	11	733	214	96					0	0	0	88	
		C		15.09Y	125.8	0.00	0.22	51.24	12	740	225	96					0	0	0	113	
PL.30924	PL.30923	A	336ACSR	15.10Y	125.9	0.00	0.14	47.32	11	686	201	96	0.05	0.0	0.983	0.027	0	0	0	93	
		B		15.10Y	125.8	0.00	0.20	43.82	10	632	196	96					0	0	0	79	
		C		15.09Y	125.8	0.01	0.23	51.24	12	740	225	96					0	0	0	113	
118646	PL.30924	B	Consumer	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	0.983	0.000	0	0	0	0	
118636	PL.30924	C	Consumer	15.09Y	125.8	0.00	0.23	0.02	0	0	0	100	0.00	0.0	0.983	0.000	0	0	1	1	
PL.8417	PL.30924	A	336ACSR	15.10Y	125.8	0.01	0.15	47.32	11	686	201	96	0.11	0.0	1.045	0.062	0	0	0	93	
		B		15.09Y	125.8	0.01	0.21	43.82	10	632	196	96					0	0	0	79	
		C		15.09Y	125.8	0.01	0.24	51.22	12	740	225	96					0	0	0	112	
PL.8419	PL.8417	A	336ACSR	15.10Y	125.8	0.01	0.16	47.32	11	686	201	96	0.05	0.0	1.076	0.031	0	0	0	93	
		B		15.09Y	125.8	0.00	0.22	43.82	10	632	196	96					0	0	0	79	
		C		15.09Y	125.8	0.01	0.25	45.86	10	663	198	96					0	0	0	103	
118652	PL.8419	A	Consumer	15.10Y	125.8	0.00	0.16	0.08	0	1	1	71	0.00	0.0	1.076	0.000	1	1	1	1	
118605	PL.8419	A	Consumer	15.10Y	125.8	0.00	0.16	0.49	0	7	2	96	0.00	0.0	1.076	0.000	7	2	1	1	
PL.8420	PL.8419	A	336ACSR	15.10Y	125.8	0.00	0.16	46.76	11	678	198	96	0.03	0.0	1.092	0.016	0	0	0	91	
		B		15.09Y	125.8	0.00	0.22	43.82	10	632	196	96					0	0	0	79	
		C		15.09Y	125.7	0.00	0.25	45.86	10	663	198	96					0	0	0	103	
PL.5455	PL.8420	A	336ACSR	15.10Y	125.8	0.01	0.17	46.76	11	678	198	96	0.11	0.0	1.158	0.066	0	0	0	91	
		B		15.09Y	125.8	0.01	0.23	43.82	10	632	196	96					0	0	0	79	
		C		15.09Y	125.7	0.01	0.26	44.48	10	644	190	96					0	0	0	97	
118666	PL.5455	A	Consumer	15.10Y	125.8	0.00	0.17	0.02	0	0	0	100	0.00	0.0	1.158	0.000	0	0	1	1	
PL.5456	PL.5455	A	336ACSR	15.10Y	125.8	0.01	0.18	46.73	11	677	198	96	0.07	0.0	1.203	0.045	0	0	0	90	
		B		15.09Y	125.8	0.01	0.24	43.82	10	632	196	96					0	0	0	79	
		C		15.09Y	125.7	0.01	0.27	44.48	10	644	190	96					0	0	0	97	
118648	PL.5456	C	Consumer	15.09Y	125.7	0.00	0.27	0.11	0	2	1	89	0.00	0.0	1.203	0.000	2	1	1	1	
PL.5454	PL.5456	A	336ACSR	15.10Y	125.8	0.01	0.19	46.73	11	677	198	96	0.06	0.0	1.238	0.035	0	0	0	90	
		B		15.09Y	125.8	0.01	0.24	43.82	10	632	196	96					0	0	0	79	
		C		15.09Y	125.7	0.01	0.27	44.37	10	642	189	96					0	0	0	96	
PL.5432	PL.5454	A	336ACSR	15.10Y	125.8	0.00	0.19	46.73	11	677	198	96	0.00	0.0	1.238	0.000	0	0	0	90	
		B		15.09Y	125.8	0.00	0.24	43.33	10	625	193	96					0	0	0	77	
		C		15.09Y	125.7	0.00	0.27	44.37	10	642	189	96					0	0	0	96	
PL.8422	PL.5432	A	336ACSR	15.09Y	125.8	0.04	0.23	46.73	11	677	198	96	0.39	0.0	1.477	0.239	0	0	0	90	
		B		15.09Y	125.7	0.04	0.28	43.33	10	625	193	96					0	0	0	77	
		C		15.08Y	125.7	0.04	0.32	44.37	10	642	189	96					0	0	0	96	
PL.17810	PL.8422	C	4ACSR	15.08Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	1.491	0.014	0	0	0	1	
PD.525	PL.17810	C	fuse6AMP	15.08Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	1.491	0.000	0	0	0	1	
PL.17811	PD.525	C	4ACSR	15.08Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	1.545	0.054	0	0	0	1	
118634	PL.17811	C	Consumer	15.08Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	1.545	0.000	0	0	1	1	
PL.8423	PL.8422	A	336ACSR	15.09Y	125.7	0.04	0.27	46.73	11	677	197	96	0.36	0.0	1.705	0.228	0	0	0	90	
		B		15.08Y	125.7	0.03	0.31	43.33	10	625	193	96					0	0	0	77	
		C		15.08Y	125.6	0.04	0.35	42.35	10	613	179	96					0	0	0	91	
PL.17804	PL.8423	A	4ACSR	15.09Y	125.7	0.00	0.27	2.77	2	39	14	94	0.00	0.0	1.720	0.015	0	0	0	9	
PD.3300	PL.17804	A	25V4E	15.09Y	125.7	0.00	0.27	2.77	11	39	14	94	0.00	0.0	1.720	0.000	0	0	0	9	
PL.17805	PD.3300	A	4ACSR	15.08Y	125.7	0.03	0.30	2.77	2	39	14	94	0.01	0.0	2.180	0.461	0	0	0	9	
PL.8415	PL.17805	A	4ACSR	15.08Y	125.7	0.00	0.30	2.77	2	39	14	94	0.00	0.0	2.246	0.066	0	0	0	9	
118620	PL.8415	A	Consumer	15.08Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	2.246	0.000	0	0	1	1	
PL.5434	PL.8415	A	4ACSR	15.08Y	125.7	0.00	0.30	1.19	1	17	6	94	0.00	0.0	2.312	0.066	0	0	0	4	

Unbalanced Voltage Drop Report
Source: UNION CITY

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----- Length (mi)	KW	KVAR	Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss								
PL.5435	PL.5434	A	4ACSR	15.08Y	125.7	0.00	0.31	0.69	1	10	3	96	0.00	0.0	2.399	0.087	0	0	0	3		
PL.279	PL.5435	A	4ACSR	15.08Y	125.7	0.00	0.31	0.35	0	5	2	93	0.00	0.0	2.425	0.026	0	0	0	1		
PL.726	PL.279	A	4ACSR	15.08Y	125.7	0.00	0.31	0.35	0	5	2	93	0.00	0.0	2.453	0.028	0	0	0	1		
118612	PL.726	A	Consumer	15.08Y	125.7	0.00	0.31	0.35	0	5	2	93	0.00	0.0	2.453	0.000	5	2	1	1		
118610	PL.5435	A	Consumer	15.08Y	125.7	0.00	0.31	0.33	0	5	2	93	0.00	0.0	2.399	0.000	5	2	1	1		
118618	PL.5435	A	Consumer	15.08Y	125.7	0.00	0.31	0.01	0	0	0	100	0.00	0.0	2.399	0.000	0	0	1	1		
118622	PL.5435	A	Consumer	15.08Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	2.399	0.000	0	0	0	0		
118615	PL.5434	A	Consumer	15.08Y	125.7	0.00	0.30	0.51	0	7	3	92	0.00	0.0	2.312	0.000	7	3	1	1		
PL.8416	PL.8415	A	4ACSR	15.08Y	125.7	0.00	0.31	1.57	1	22	8	94	0.00	0.0	2.323	0.077	0	0	0	4		
118621	PL.8416	A	Consumer	15.08Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	2.323	0.000	0	0	0	0		
118613	PL.8416	A	Consumer	15.08Y	125.7	0.00	0.31	0.60	0	9	3	95	0.00	0.0	2.323	0.000	9	3	1	1		
PL.8414	PL.8416	A	4ACSR	15.08Y	125.7	0.00	0.31	0.97	1	14	5	94	0.00	0.0	2.399	0.076	0	0	0	3		
PL.727	PL.8414	A	4ACSR	15.08Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	2.519	0.120	0	0	0	0		
117611	PL.727	A	Consumer	15.08Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	2.519	0.000	0	0	0	0		
PL.43777	PL.8414	A	4ACSR	15.08Y	125.7	0.00	0.31	0.97	1	14	5	94	0.00	0.0	2.434	0.035	0	0	0	3		
PL.43778	PL.43777	A	4ACSR	15.08Y	125.7	0.00	0.31	0.64	1	9	3	95	0.00	0.0	2.480	0.045	0	0	0	2		
118628	PL.43778	A	Consumer	15.08Y	125.7	0.00	0.31	0.47	0	7	2	96	0.00	0.0	2.480	0.000	7	2	1	1		
PL.8412	PL.43778	A	4ACSR	15.08Y	125.7	0.00	0.31	0.17	0	2	1	89	0.00	0.0	2.576	0.096	0	0	0	1		
118631	PL.8412	A	Consumer	15.08Y	125.7	0.00	0.31	0.17	0	2	1	89	0.00	0.0	2.576	0.000	2	1	1	1		
1186072	PL.43777	A	Consumer	15.08Y	125.7	0.00	0.31	0.33	0	5	2	93	0.00	0.0	2.434	0.000	5	2	1	1		
PL.17806	PL.8423	C	4ACSR	15.08Y	125.6	0.00	0.35	0.45	0	6	2	95	0.00	0.0	1.719	0.015	0	0	0	2		
PD.526	PL.17806	C	fuse6AMP	15.08Y	125.6	0.00	0.35	0.45	8	6	2	95	0.00	0.0	1.719	0.000	0	0	0	2		
PL.17807	PD.526	C	4ACSR	15.08Y	125.6	0.00	0.35	0.45	0	6	2	95	0.00	0.0	1.743	0.023	0	0	0	2		
118627	PL.17807	C	Consumer	15.08Y	125.6	0.00	0.35	0.00	0	0	0	100	0.00	0.0	1.743	0.000	0	0	1	1		
118602	PL.17807	C	Consumer	15.08Y	125.6	0.00	0.35	0.45	0	6	2	95	0.00	0.0	1.743	0.000	6	2	1	1		
PL.8424	PL.8423	A	336ACSR	15.08Y	125.7	0.06	0.33	43.97	10	638	183	96	0.56	0.0	2.077	0.372	0	0	0	81		
		B		15.08Y	125.6	0.06	0.37	43.33	10	624	193	96					0	0	0	77		
		C		15.07Y	125.6	0.06	0.41	41.89	9	607	176	96					0	0	0	89		
PL.27457	PL.8424	A	4ACSR	15.08Y	125.7	0.00	0.33	0.94	1	13	5	93	0.00	0.0	2.101	0.025	0	0	0	2		
PD.529	PL.27457	A	fuse6AMP	15.08Y	125.7	0.00	0.33	0.94	16	13	5	93	0.00	0.0	2.101	0.000	0	0	0	2		
PL.27458	PD.529	A	4ACSR	15.08Y	125.7	0.00	0.33	0.94	1	13	5	93	0.00	0.0	2.246	0.145	0	0	0	2		
118635	PL.27458	A	Consumer	15.08Y	125.7	0.00	0.33	0.94	0	13	5	93	0.00	0.0	2.246	0.000	13	5	1	1		
1186070	PL.27458	A	Consumer	15.08Y	125.7	0.00	0.33	0.00	0	0	0	100	0.00	0.0	2.246	0.000	0	0	1	1		
PL.8693	PL.8424	A	336ACSR	15.08Y	125.7	0.01	0.34	43.03	10	624	178	96	0.11	0.0	2.149	0.072	0	0	0	79		
		B		15.07Y	125.6	0.01	0.39	43.33	10	624	192	96					0	0	0	77		
		C		15.07Y	125.6	0.01	0.42	41.89	9	606	176	96					0	0	0	89		
PL.5515	PL.8693	A	336ACSR	15.07Y	125.6	0.04	0.38	43.03	10	624	178	96	0.34	0.0	2.375	0.226	0	0	0	79		
		B		15.07Y	125.6	0.04	0.42	43.33	10	624	192	96					0	0	0	77		
		C		15.07Y	125.5	0.03	0.45	41.89	9	606	176	96					0	0	0	89		
PL.36501	PL.5515	A	336ACSR	15.07Y	125.6	0.02	0.40	43.03	10	624	178	96	0.21	0.0	2.515	0.140	0	0	0	79		
		B		15.07Y	125.6	0.02	0.45	43.25	10	623	191	96					0	0	0	76		
		C		15.06Y	125.5	0.02	0.48	41.89	9	606	175	96					0	0	0	89		

Unbalanced Voltage Drop Report
Source: UNION CITY

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----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.36505	PL.36501	A	2ACSR	15.07Y	125.6	0.00	0.40	0.00	0	0	0	100	0.00	0.0	2.567	0.052	0	0	0	0
		B		15.07Y	125.6	0.00	0.45	3.56	2	51	18	94					0	0	0	6
		C		15.06Y	125.5	-0.00	0.47	0.00	0	0	0	100					0	0	0	0
118502	PL.36505	B	Consumer	15.07Y	125.6	0.00	0.45	0.15	0	2	1	89	0.00	0.0	2.567	0.000	2	1	1	1
118518	PL.36505	B	Consumer	15.07Y	125.6	0.00	0.45	0.19	0	3	1	95	0.00	0.0	2.567	0.000	3	1	1	1
PL.36507	PL.36505	B	4ACSR	15.07Y	125.5	0.00	0.45	3.22	3	46	16	94	0.00	0.0	2.605	0.038	0	0	0	4
PL.5506	PL.36507	B	4ACSR	15.07Y	125.5	0.00	0.45	3.22	3	46	16	94	0.00	0.0	2.660	0.055	0	0	0	4
118519	PL.5506	B	Consumer	15.07Y	125.5	0.00	0.45	0.30	0	4	1	97	0.00	0.0	2.660	0.000	4	1	1	1
118521	PL.5506	B	Consumer	15.07Y	125.5	0.00	0.45	2.07	0	29	10	95	0.00	0.0	2.660	0.000	29	10	1	1
PL.5507	PL.5506	B	4ACSR	15.07Y	125.5	0.00	0.46	0.86	1	12	4	95	0.00	0.0	2.713	0.053	0	0	0	2
PL.5508	PL.5507	B	4ACSR	15.07Y	125.5	0.00	0.46	0.86	1	12	4	95	0.00	0.0	2.793	0.080	0	0	0	2
118512	PL.5508	B	Consumer	15.07Y	125.5	0.00	0.46	0.00	0	0	0	100	0.00	0.0	2.793	0.000	0	0	1	1
118507	PL.5508	B	Consumer	15.07Y	125.5	0.00	0.46	0.86	0	12	4	95	0.00	0.0	2.793	0.000	12	4	1	1
PL.40819	PL.36501	A	336ACSR	15.07Y	125.6	0.00	0.40	43.03	10	624	177	96	0.01	0.0	2.520	0.005	0	0	0	79
		B		15.07Y	125.6	0.00	0.45	39.69	9	572	173	96					0	0	0	70
		C		15.06Y	125.5	0.00	0.48	41.89	9	606	175	96					0	0	0	89
PD.7567-A	PL.40819	A	Closed	15.07Y	125.6	0.00	0.40	43.03	0	624	177	96	0.00	0.0	2.520	0.000	0	0	0	79
		B		15.07Y	125.6	0.00	0.45	39.69	0	572	173	96					0	0	0	70
		C		15.06Y	125.5	0.00	0.48	41.89	0	606	175	96					0	0	0	89
PD.7567-B	PD.7567-A	A	Closed	15.07Y	125.6	0.00	0.40	43.03	0	624	177	96	0.00	0.0	2.520	0.000	0	0	0	79
		B		15.07Y	125.6	0.00	0.45	39.69	0	572	173	96					0	0	0	70
		C		15.06Y	125.5	0.00	0.48	41.89	0	606	175	96					0	0	0	89
PL.40820	PD.7567-B	A	336ACSR	15.07Y	125.6	0.00	0.40	43.03	10	624	177	96	0.02	0.0	2.537	0.017	0	0	0	79
		B		15.07Y	125.6	0.00	0.45	39.69	9	572	173	96					0	0	0	70
		C		15.06Y	125.5	0.00	0.48	41.89	9	606	175	96					0	0	0	89
PL.39495	PL.40820	A	1/0ACSR	15.07Y	125.6	0.00	0.40	21.24	11	306	93	96	0.00	0.0	2.540	0.003	0	0	0	41
		B		15.07Y	125.6	0.00	0.45	22.00	11	315	103	95					0	0	0	42
		C		15.06Y	125.5	0.00	0.48	8.18	4	119	32	97					0	0	0	17
PL.39497	PL.39495	A	1/0ACSR	15.07Y	125.6	0.00	0.40	21.24	11	306	93	96	0.00	0.0	2.542	0.002	0	0	0	41
		B		15.07Y	125.6	0.00	0.45	22.00	11	315	103	95					0	0	0	42
		C		15.06Y	125.5	0.00	0.48	8.18	4	119	32	97					0	0	0	17
PD.7568-A	PL.39497	A	Closed	15.07Y	125.6	0.00	0.40	21.24	0	306	93	96	0.00	0.0	2.542	0.000	0	0	0	41
		B		15.07Y	125.6	0.00	0.45	22.00	0	315	103	95					0	0	0	42
		C		15.06Y	125.5	0.00	0.48	8.18	0	119	32	97					0	0	0	17
PD.7568-B	PD.7568-A	A	Closed	15.07Y	125.6	0.00	0.40	21.24	0	306	93	96	0.00	0.0	2.542	0.000	0	0	0	41
		B		15.07Y	125.6	0.00	0.45	22.00	0	315	103	95					0	0	0	42
		C		15.06Y	125.5	0.00	0.48	8.18	0	119	32	97					0	0	0	17
PL.39498	PD.7568-B	A	1/0ACSR	15.07Y	125.6	0.00	0.41	21.24	11	306	93	96	0.00	0.0	2.545	0.003	0	0	0	41
		B		15.07Y	125.6	0.00	0.45	22.00	11	315	103	95					0	0	0	42
		C		15.06Y	125.5	0.00	0.48	8.18	4	119	32	97					0	0	0	17
PL.39493	PL.39498	A	1/0ACSR	15.07Y	125.6	0.00	0.41	21.24	11	306	93	96	0.00	0.0	2.551	0.005	0	0	0	41
		B		15.07Y	125.5	0.00	0.45	22.00	11	315	103	95					0	0	0	42
		C		15.06Y	125.5	0.00	0.48	8.18	4	119	32	97					0	0	0	17
PL.39494	PL.39493	A	1/0ACSR	15.07Y	125.6	0.00	0.41	21.24	11	306	93	96	0.00	0.0	2.553	0.002	0	0	0	41
		B		15.07Y	125.5	0.00	0.45	22.00	11	315	103	95					0	0	0	42
		C		15.06Y	125.5	0.00	0.48	8.18	4	119	32	97					0	0	0	17
PL.39487	PL.39494	A	2ACSR	15.07Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	2.571	0.018	0	0	0	0
118516	PL.39487	A	Consumer	15.07Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	2.571	0.000	0	0	0	0
PL.39489	PL.39494	A	336ACSR	15.07Y	125.6	-0.00	0.41	0.28	0	4	1	97	0.00	0.0	2.594	0.041	0	0	0	1
		B		15.07Y	125.5	0.00	0.45	5.70	1	81	28	94					0	0	0	15
		C		15.06Y	125.5	0.00	0.48	5.55	1	79	28	94					0	0	0	11

Unbalanced Voltage Drop Report
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PD.7565-A, PL.8963, PL.8964, etc.

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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						
P PL.33115	PL.32804	A	336ACSR	15.07Y	125.6	-0.00	0.40	-0.01	0	0	0	100	0.00	0.0	3.319	0.031	0	0	0	0	P	
		B		15.06Y	125.5	0.00	0.47	1.32	0	19	7	94					0	0	0	0	3	
		C		15.06Y	125.5	0.00	0.49	4.31	1	61	21	94					0	0	0	0	9	
1175037	PL.33115	B	Consumer	15.06Y	125.5	0.00	0.47	0.51	0	7	3	92	0.00	0.0	3.319	0.000	7	3	1	1		
1185219	PL.33115	B	Consumer	15.06Y	125.5	0.00	0.47	0.58	0	8	3	94	0.00	0.0	3.319	0.000	8	3	1	1		
P PL.33116	PL.33115	A	336ACSR	15.07Y	125.6	-0.00	0.40	-0.01	0	0	0	100	0.00	0.0	3.374	0.055	0	0	0	0	P	
		B		15.06Y	125.5	0.00	0.47	0.23	0	3	1	95					0	0	0	0	1	
		C		15.06Y	125.5	0.00	0.50	4.31	1	61	21	94					0	0	0	0	9	
P PL.8977	PL.33116	A	336ACSR	15.07Y	125.6	-0.00	0.40	-0.01	0	0	0	100	0.00	0.0	3.436	0.061	0	0	0	0	P	
		B		15.06Y	125.5	0.00	0.48	0.23	0	3	1	95					0	0	0	0	1	
		C		15.06Y	125.5	0.00	0.50	4.31	1	61	21	94					0	0	0	0	9	
117522	PL.8977	B	Consumer	15.06Y	125.5	0.00	0.48	0.23	0	3	1	95	0.00	0.0	3.436	0.000	3	1	1	1		
P PL.8978	PL.8977	A	336ACSR	15.07Y	125.6	-0.00	0.40	-0.01	0	0	0	100	0.00	0.0	3.480	0.044	0	0	0	0	P	
		B		15.06Y	125.5	0.00	0.48	-0.01	0	0	0	0					0	0	0	0	0	
		C		15.06Y	125.5	0.00	0.50	4.31	1	61	21	94					0	0	0	0	9	
PL.5510	PL.8978	C	4ACSR	15.06Y	125.5	0.00	0.50	4.32	4	61	22	94	0.00	0.0	3.524	0.044	0	0	0	0	9	
117527	PL.5510	C	Consumer	15.06Y	125.5	0.00	0.50	0.78	0	11	4	94	0.00	0.0	3.524	0.000	11	4	1	1		
117523	PL.5510	C	Consumer	15.06Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	3.524	0.000	0	0	0	0	0	
117521	PL.5510	C	Consumer	15.06Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	3.524	0.000	0	0	1	1		
PL.8979	PL.5510	C	4ACSR	15.06Y	125.5	0.00	0.51	3.53	3	50	18	94	0.00	0.0	3.573	0.049	0	0	0	0	7	
PL.8980	PL.8979	C	4ACSR	15.06Y	125.5	0.01	0.52	1.85	2	26	9	94	0.00	0.0	3.793	0.220	0	0	0	0	3	
PL.22136	PL.8980	C	4ACSR	15.06Y	125.5	0.00	0.52	1.85	2	26	9	94	0.00	0.0	3.904	0.111	0	0	0	0	3	
117530	PL.22136	C	Consumer	15.06Y	125.5	0.00	0.52	1.00	0	14	5	94	0.00	0.0	3.904	0.000	14	5	1	1		
PL.34631	PL.22136	C	2ACSR	15.06Y	125.5	0.00	0.52	0.84	1	12	4	95	0.00	0.0	4.000	0.096	0	0	0	0	2	
PL.34633	PL.34631	C	2ACSR	15.06Y	125.5	0.00	0.52	0.16	0	2	1	89	0.00	0.0	4.001	0.001	0	0	0	0	1	
PL.34634	PL.34633	C	2ACSR	15.06Y	125.5	0.00	0.52	0.16	0	2	1	89	0.00	0.0	4.053	0.052	0	0	0	0	1	
1175036	PL.34634	C	Consumer	15.06Y	125.5	0.00	0.52	0.16	0	2	1	89	0.00	0.0	4.053	0.000	2	1	1	1		
117532	PL.34631	C	Consumer	15.06Y	125.5	0.00	0.52	0.69	0	10	3	96	0.00	0.0	4.000	0.000	10	3	1	1		
117524	PL.8979	C	Consumer	15.06Y	125.5	0.00	0.51	0.09	0	1	0	100	0.00	0.0	3.573	0.000	1	0	1	1		
117503	PL.8979	C	Consumer	15.06Y	125.5	0.00	0.51	0.22	0	3	1	95	0.00	0.0	3.573	0.000	3	1	1	1		
PL.22409	PL.8979	C	4ACSR	15.06Y	125.5	0.01	0.51	1.37	1	19	7	94	0.00	0.0	3.765	0.192	0	0	0	0	2	
PL.22410	PL.22409	C	4ACSR	15.06Y	125.5	0.00	0.51	0.60	1	9	3	95	0.00	0.0	3.861	0.096	0	0	0	0	1	
117528	PL.22410	C	Consumer	15.06Y	125.5	0.00	0.51	0.60	0	9	3	95	0.00	0.0	3.861	0.000	9	3	1	1		
117529	PL.22409	C	Consumer	15.06Y	125.5	0.00	0.51	0.77	0	11	4	94	0.00	0.0	3.765	0.000	11	4	1	1		
P PL.8976	PL.8978	A	336ACSR	15.07Y	125.6	-0.00	0.40	-0.01	0	0	0	100	0.00	0.0	3.680	0.200	0	0	0	0	P	
		B		15.06Y	125.5	-0.00	0.48	-0.01	0	0	0	0					0	0	0	0	0	
		C		15.06Y	125.5	-0.00	0.50	-0.01	0	0	0	0					0	0	0	0	0	
P PL.46012	PL.8976	A	1/0EPRJCN	15.07Y	125.6	-0.00	0.40	-0.01	0	0	0	100	0.00	0.0	3.685	0.005	0	0	0	0	P	
		B		15.06Y	125.5	0.00	0.48	-0.01	0	0	0	0					0	0	0	0	0	
		C		15.06Y	125.5	0.00	0.50	-0.01	0	0	0	0					0	0	0	0	0	
PD.8707-A	PL.46012	A	Open	15.07Y	125.6	0.00	0.40	0.00	0	0	0	100	0.00	0.0	3.685	0.000	0	0	0	0	0	
		B		15.06Y	125.5	0.00	0.48	0.00	0	0	0	100					0	0	0	0	0	
		C		15.06Y	125.5	0.00	0.50	0.00	0	0	0	100					0	0	0	0	0	
1185165	PL.8974	C	Consumer	15.06Y	125.5	0.00	0.49	0.50	0	7	2	96	0.00	0.0	3.157	0.000	7	2	1	1		
1185213	PL.8974	C	Consumer	15.06Y	125.5	0.00	0.49	0.75	0	11	4	94	0.00	0.0	3.157	0.000	11	4	1	1		

Unbalanced Voltage Drop Report
Source: UNION 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.802	PL.8971	B	4ACSR	15.06Y	125.5	0.00	0.47	0.64	1	9	3	95	0.00	0.0	3.127	0.029	0	0	0	1
118509	PL.802	B	Consumer	15.06Y	125.5	0.00	0.47	0.64	0	9	3	95	0.00	0.0	3.127	0.000	9	3	1	1
PL.23699	PL.8967	B	4ACSR	15.06Y	125.5	0.00	0.46	0.42	0	6	2	95	0.00	0.0	2.937	0.039	0	0	0	1
1185101	PL.23699	B	Consumer	15.06Y	125.5	0.00	0.46	0.42	0	6	2	95	0.00	0.0	2.937	0.000	6	2	1	1
PL.8965	PL.8964	B	4ACSR	15.06Y	125.5	0.00	0.47	1.18	1	17	6	94	0.00	0.0	2.954	0.107	0	0	0	3
PL.8966	PL.8965	B	4ACSR	15.06Y	125.5	0.00	0.47	0.37	0	5	2	93	0.00	0.0	3.054	0.100	0	0	0	1
118524	PL.8966	B	Consumer	15.06Y	125.5	0.00	0.47	0.37	0	5	2	93	0.00	0.0	3.054	0.000	5	2	1	1
118522	PL.8965	B	Consumer	15.06Y	125.5	0.00	0.47	0.49	0	7	2	96	0.00	0.0	2.954	0.000	7	2	1	1
118523	PL.8965	B	Consumer	15.06Y	125.5	0.00	0.47	0.32	0	5	2	93	0.00	0.0	2.954	0.000	5	2	1	1
PL.23700	PL.8963	B	4ACSR	15.07Y	125.5	0.00	0.46	0.31	0	4	2	89	0.00	0.0	2.786	0.072	0	0	0	2
118514	PL.23700	B	Consumer	15.07Y	125.5	0.00	0.46	0.02	0	0	0	100	0.00	0.0	2.786	0.000	0	0	1	1
118515	PL.23700	B	Consumer	15.07Y	125.5	0.00	0.46	0.28	0	4	1	97	0.00	0.0	2.786	0.000	4	1	1	1
PL.39490	PL.39494	A B C	336ACSR	15.07Y 15.07Y 15.06Y	125.6 125.5 125.5	0.01 0.00 -0.00	0.41 0.45 0.48	20.96 16.30 2.68	5 4 1	302 234 40	92 75 4	96 95 99	0.01 0.00 0.00	0.0	2.604	0.052	0 0 0	0 0 0	0 0 0	40 27 6
PL.39492	PL.39490	A B C	336ACSR	15.07Y 15.07Y 15.06Y	125.6 125.5 125.5	0.00 0.00 -0.00	0.42 0.45 0.48	20.96 16.30 2.68	5 4 1	302 234 40	92 75 4	96 95 99	0.00 0.00 0.00	0.0	2.624	0.020	0 0 0	0 0 0	0 0 0	40 27 6
PL.8694	PL.39492	A B C	1/0EPRJCN	15.07Y 15.06Y 15.06Y	125.6 125.5 125.5	0.01 0.01 -0.00	0.43 0.46 0.48	20.96 16.30 2.68	11 9 1	302 234 40	92 75 4	96 95 99	0.03 0.00 0.00	0.0	2.672	0.048	0 0 0	0 0 0	0 0 0	40 27 6
PL.8695	PL.8694	A B C	1/0EPRJCN	15.07Y 15.06Y 15.06Y	125.6 125.5 125.5	0.00 0.00 -0.00	0.43 0.46 0.48	20.98 15.28 2.41	11 8 1	302 219 36	93 71 4	96 95 99	0.02 0.00 0.00	0.0	2.698	0.026	0 0 0	0 0 0	0 0 0	40 25 5
PL.8696	PL.8695	A B C	1/0EPRJCN	15.07Y 15.06Y 15.06Y	125.6 125.5 125.5	0.00 0.00 -0.00	0.43 0.47 0.48	20.99 12.95 2.41	11 7 1	302 186 36	93 59 4	96 95 99	0.02 0.00 0.00	0.0	2.724	0.026	0 0 0	0 0 0	0 0 0	40 21 5
1185107	PL.8696	B	Consumer	15.06Y	125.5	0.00	0.47	0.50	0	7	3	92	0.00	0.0	2.724	0.000	7	3	1	1
118551	PL.8696	B	Consumer	15.06Y	125.5	0.00	0.47	0.13	0	2	1	89	0.00	0.0	2.724	0.000	2	1	1	1
1185108	PL.8696	B	Consumer	15.06Y	125.5	0.00	0.47	0.28	0	4	1	97	0.00	0.0	2.724	0.000	4	1	1	1
1185106	PL.8696	B	Consumer	15.06Y	125.5	0.00	0.47	0.77	0	11	4	94	0.00	0.0	2.724	0.000	11	4	1	1
118540	PL.8696	B	Consumer	15.06Y	125.5	0.00	0.47	0.67	0	9	3	95	0.00	0.0	2.724	0.000	9	3	1	1
PL.8697	PL.8696	A B C	1/0EPRJCN	15.07Y 15.06Y 15.06Y	125.6 125.5 125.5	0.00 0.00 -0.00	0.44 0.47 0.48	21.00 10.61 2.41	11 6 1	302 152 36	94 48 5	95 95 99	0.01 0.00 0.00	0.0	2.750	0.026	0 0 0	0 0 0	0 0 0	40 16 5
PL.8698	PL.8697	A B C	1/0EPRJCN	15.07Y 15.06Y 15.06Y	125.6 125.5 125.5	0.01 0.00 -0.00	0.44 0.47 0.48	21.01 8.68 2.42	11 5 1	302 125 36	94 39 5	95 96 99	0.01 0.00 0.00	0.0	2.777	0.027	0 0 0	0 0 0	0 0 0	40 13 5
1185135	PL.8698	B	Consumer	15.06Y	125.5	0.00	0.47	0.91	0	13	5	93	0.00	0.0	2.777	0.000	13	5	1	1
118545	PL.8698	B	Consumer	15.06Y	125.5	0.00	0.47	0.69	0	10	3	96	0.00	0.0	2.777	0.000	10	3	1	1
118533	PL.8698	B	Consumer	15.06Y	125.5	0.00	0.47	0.83	0	12	4	95	0.00	0.0	2.777	0.000	12	4	1	1
118538	PL.8698	B	Consumer	15.06Y	125.5	0.00	0.47	0.57	0	8	3	94	0.00	0.0	2.777	0.000	8	3	1	1
118541	PL.8698	B	Consumer	15.06Y	125.5	0.00	0.47	0.91	0	13	5	93	0.00	0.0	2.777	0.000	13	5	1	1
PL.8699	PL.8698	A B C	1/0EPRJCN	15.07Y 15.06Y 15.06Y	125.5 125.5 125.5	0.01 0.00 -0.00	0.45 0.47 0.48	21.02 4.78 2.42	11 3 1	302 69 36	95 20 6	95 96 99	0.01 0.00 0.00	0.0	2.804	0.027	0 0 0	0 0 0	0 0 0	40 8 5

Unbalanced Voltage Drop Report
Source: UNION 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.8700, PL.8701, PL.8771, etc.

Unbalanced Voltage Drop Report
Source: UNION 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		
PL.8920	PL.8919	A	1/0EPRJCN	15.06Y	125.5	0.00	0.50	3.27	2	47	15	95	0.00	0.0	3.165	0.025	0	0	0	6		
118556	PL.8920	A	Consumer	15.06Y	125.5	0.00	0.50	0.48	0	7	2	96	0.00	0.0	3.165	0.000	7	2	1	1		
1185122	PL.8920	A	Consumer	15.06Y	125.5	0.00	0.50	0.40	0	6	2	95	0.00	0.0	3.165	0.000	6	2	1	1		
118592	PL.8920	A	Consumer	15.06Y	125.5	0.00	0.50	0.42	0	6	2	95	0.00	0.0	3.165	0.000	6	2	1	1		
PL.8921	PL.8920	A	1/0EPRJCN	15.06Y	125.5	0.00	0.50	1.98	1	28	9	95	0.00	0.0	3.190	0.024	0	0	0	3		
PL.8922	PL.8921	A	1/0EPRJCN	15.06Y	125.5	0.00	0.50	1.99	1	28	9	95	0.00	0.0	3.213	0.023	0	0	0	3		
PL.8923	PL.8922	A	1/0EPRJCN	15.06Y	125.5	-0.00	0.50	-0.02	0	0	0	100	0.00	0.0	3.228	0.015	0	0	0	0		
1185111	PL.8922	A	Consumer	15.06Y	125.5	0.00	0.50	0.66	0	9	3	95	0.00	0.0	3.213	0.000	9	3	1	1		
118561	PL.8922	A	Consumer	15.06Y	125.5	0.00	0.50	0.69	0	10	3	96	0.00	0.0	3.213	0.000	10	3	1	1		
118549	PL.8922	A	Consumer	15.06Y	125.5	0.00	0.50	0.65	0	9	3	95	0.00	0.0	3.213	0.000	9	3	1	1		
1185130	PL.8918	A	Consumer	15.06Y	125.5	0.00	0.50	0.46	0	7	2	96	0.00	0.0	3.114	0.000	7	2	1	1		
1185103	PL.8918	A	Consumer	15.06Y	125.5	0.00	0.50	0.81	0	12	4	95	0.00	0.0	3.114	0.000	12	4	1	1		
1185134	PL.8918	A	Consumer	15.06Y	125.5	0.00	0.50	0.85	0	12	4	95	0.00	0.0	3.114	0.000	12	4	1	1		
118588	PL.8918	A	Consumer	15.06Y	125.5	0.00	0.50	0.45	0	6	2	95	0.00	0.0	3.114	0.000	6	2	1	1		
1185125	PL.8917	A	Consumer	15.06Y	125.5	0.00	0.50	0.58	0	8	3	94	0.00	0.0	3.082	0.000	8	3	1	1		
1185133	PL.8917	A	Consumer	15.06Y	125.5	0.00	0.50	0.57	0	8	3	94	0.00	0.0	3.082	0.000	8	3	1	1		
118576	PL.8917	A	Consumer	15.06Y	125.5	0.00	0.50	0.47	0	7	2	96	0.00	0.0	3.082	0.000	7	2	1	1		
1185131	PL.8917	A	Consumer	15.06Y	125.5	0.00	0.50	0.90	0	13	4	96	0.00	0.0	3.082	0.000	13	4	1	1		
PL.804	PL.8776	A	1/0EPRJCN	15.06Y	125.5	0.00	0.49	1.42	1	20	7	94	0.00	0.0	3.052	0.025	0	0	0	3		
118578	PL.804	A	Consumer	15.06Y	125.5	0.00	0.49	0.27	0	4	1	97	0.00	0.0	3.052	0.000	4	1	1	1		
1185138	PL.804	A	Consumer	15.06Y	125.5	0.00	0.49	0.41	0	6	2	95	0.00	0.0	3.052	0.000	6	2	1	1		
118581	PL.804	A	Consumer	15.06Y	125.5	0.00	0.49	0.75	0	11	4	94	0.00	0.0	3.052	0.000	11	4	1	1		
118558	PL.8774	A	Consumer	15.06Y	125.5	0.00	0.48	1.03	0	15	5	95	0.00	0.0	2.988	0.000	15	5	1	1		
1185170	PL.8774	A	Consumer	15.06Y	125.5	0.00	0.48	0.65	0	9	3	95	0.00	0.0	2.988	0.000	9	3	1	1		
118577	PL.8774	A	Consumer	15.06Y	125.5	0.00	0.48	0.48	0	7	2	96	0.00	0.0	2.988	0.000	7	2	1	1		
1185124	PL.8773	A	Consumer	15.06Y	125.5	0.00	0.48	0.40	0	6	2	95	0.00	0.0	2.962	0.000	6	2	1	1		
1185136	PL.8773	A	Consumer	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	2.962	0.000	0	0	1	1		
118563	PL.8773	A	Consumer	15.06Y	125.5	0.00	0.48	0.34	0	5	2	93	0.00	0.0	2.962	0.000	5	2	1	1		
1185113	PL.8773	A	Consumer	15.06Y	125.5	0.00	0.48	0.45	0	6	2	95	0.00	0.0	2.962	0.000	6	2	1	1		
118573	PL.8773	A	Consumer	15.06Y	125.5	0.00	0.48	0.75	0	11	4	94	0.00	0.0	2.962	0.000	11	4	1	1		
P PL.29019	PL.8701	A	1/0EPRJCN	15.06Y	125.5	-0.00	0.46	-0.15	0	0	-2	0	0.00	0.0	2.888	0.018	0	0	0	0 P		
		C		15.06Y	125.5	0.00	0.48	2.49	1	36	10	96					0	0	0	5		
118587	PL.29019	C	Consumer	15.06Y	125.5	0.00	0.48	0.57	0	8	3	94	0.00	0.0	2.888	0.000	8	3	1	1		
1185121	PL.29019	C	Consumer	15.06Y	125.5	0.00	0.48	0.37	0	5	2	93	0.00	0.0	2.888	0.000	5	2	1	1		
118555	PL.29019	C	Consumer	15.06Y	125.5	0.00	0.48	0.69	0	10	3	96	0.00	0.0	2.888	0.000	10	3	1	1		
P PL.29020	PL.29019	A	1/0EPRJCN	15.06Y	125.5	-0.00	0.46	-0.13	0	0	-2	0	0.00	0.0	2.934	0.047	0	0	0	0 P		
		C		15.06Y	125.5	0.00	0.48	0.87	0	13	3	98					0	0	0	2		
P PL.46572	PL.29020	A	1/0EPRJCN	15.06Y	125.5	-0.00	0.46	-0.07	0	0	-1	0	0.00	0.0	2.987	0.052	0	0	0	0 P		
		C		15.06Y	125.5	0.00	0.48	-0.07	0	0	-1	0					0	0	0	0		
P PL.45605	PL.29020	A	1/0EPRJCN	15.06Y	125.5	-0.00	0.46	-0.01	0	0	0	100	0.00	0.0	2.940	0.006	0	0	0	0 P		

Unbalanced Voltage Drop Report
Source: UNION 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
118574	PL.29020	C	Consumer	15.06Y	125.5	0.00	0.48	0.49	0	7	2	96	0.00	0.0	2.934	0.000	7	2	1	1
1185117	PL.29020	C	Consumer	15.06Y	125.5	0.00	0.48	0.42	0	6	2	95	0.00	0.0	2.934	0.000	6	2	1	1
118546	PL.8699	B	Consumer	15.06Y	125.5	0.00	0.47	0.74	0	10	4	93	0.00	0.0	2.804	0.000	10	4	1	1
118571	PL.8699	B	Consumer	15.06Y	125.5	0.00	0.47	0.69	0	10	3	96	0.00	0.0	2.804	0.000	10	3	1	1
118539	PL.8699	B	Consumer	15.06Y	125.5	0.00	0.47	0.69	0	10	3	96	0.00	0.0	2.804	0.000	10	3	1	1
1185126	PL.8699	B	Consumer	15.06Y	125.5	0.00	0.47	0.43	0	6	2	95	0.00	0.0	2.804	0.000	6	2	1	1
118579	PL.8697	B	Consumer	15.06Y	125.5	0.00	0.47	0.72	0	10	4	93	0.00	0.0	2.750	0.000	10	4	1	1
118544	PL.8697	B	Consumer	15.06Y	125.5	0.00	0.47	0.47	0	7	2	96	0.00	0.0	2.750	0.000	7	2	1	1
118585	PL.8697	B	Consumer	15.06Y	125.5	0.00	0.47	0.75	0	11	4	94	0.00	0.0	2.750	0.000	11	4	1	1
118526	PL.8695	B	Consumer	15.06Y	125.5	0.00	0.46	0.39	0	6	2	95	0.00	0.0	2.698	0.000	6	2	1	1
118529	PL.8695	B	Consumer	15.06Y	125.5	0.00	0.46	0.90	0	13	4	96	0.00	0.0	2.698	0.000	13	4	1	1
118543	PL.8695	B	Consumer	15.06Y	125.5	0.00	0.46	0.65	0	9	3	95	0.00	0.0	2.698	0.000	9	3	1	1
118568	PL.8695	B	Consumer	15.06Y	125.5	0.00	0.46	0.39	0	6	2	95	0.00	0.0	2.698	0.000	6	2	1	1
118552	PL.8694	B	Consumer	15.06Y	125.5	0.00	0.46	0.39	0	6	2	95	0.00	0.0	2.672	0.000	6	2	1	1
1185114	PL.8694	B	Consumer	15.06Y	125.5	0.00	0.46	0.65	0	9	3	95	0.00	0.0	2.672	0.000	9	3	1	1
118586	PL.8694	C	Consumer	15.06Y	125.5	0.00	0.48	0.28	0	4	1	97	0.00	0.0	2.672	0.000	4	1	1	1
PL.38	PL.40820	A	336ACSR	15.07Y	125.6	0.00	0.40	21.80	5	318	84	97	0.03	0.0	2.597	0.060	0	0	0	38
		B		15.07Y	125.5	0.00	0.45	17.70	4	257	70	96					0	0	0	28
		C		15.06Y	125.5	0.01	0.49	33.71	8	487	143	96					0	0	0	72
PL.8940	PL.38	A	336ACSR	15.07Y	125.6	0.00	0.41	21.80	5	318	84	97	0.04	0.0	2.664	0.067	0	0	0	38
		B		15.07Y	125.5	0.00	0.46	17.70	4	257	70	96					0	0	0	28
		C		15.06Y	125.5	0.01	0.50	33.71	8	487	143	96					0	0	0	72
PL.8941	PL.8940	A	336ACSR	15.07Y	125.6	0.00	0.41	20.07	5	292	77	97	0.05	0.0	2.757	0.093	0	0	0	38
		B		15.06Y	125.5	0.01	0.46	15.97	4	232	63	96					0	0	0	28
		C		15.06Y	125.5	0.01	0.51	31.98	7	462	136	96					0	0	0	72
PL.41665	PL.8941	C	2ACSR	15.06Y	125.5	0.00	0.52	13.04	8	187	60	95	0.00	0.0	2.767	0.010	0	0	0	24
C PD.7491	PL.41665	C	fuse15AMP	15.06Y	125.5	0.00	0.52	13.04	86	187	60	95	0.00	0.0	2.767	0.000	0	0	0	24 C
PL.41666	PD.7491	C	2ACSR	15.06Y	125.5	0.01	0.52	13.04	8	187	60	95	0.01	0.0	2.797	0.029	0	0	0	24
PL.41667	PL.41666	C	1/0EPRJCN	15.06Y	125.5	0.01	0.53	13.04	7	187	60	95	0.01	0.0	2.843	0.046	0	0	0	24
PL.41673	PL.41667	C	1/0EPRJCN	15.06Y	125.5	0.00	0.53	12.25	6	175	57	95	0.00	0.0	2.863	0.020	0	0	0	23
1185116	PL.41673	C	Consumer	15.06Y	125.5	0.00	0.53	0.75	0	11	4	94	0.00	0.0	2.863	0.000	11	4	1	1
1185129	PL.41673	C	Consumer	15.06Y	125.5	0.00	0.53	0.69	0	10	3	96	0.00	0.0	2.863	0.000	10	3	1	1
PL.41674	PL.41673	C	1/0EPRJCN	15.06Y	125.5	0.00	0.53	10.82	6	155	50	95	0.00	0.0	2.866	0.002	0	0	0	21
PL.41670	PL.41674	C	1/0EPRJCN	15.06Y	125.5	0.00	0.53	10.82	6	155	50	95	0.00	0.0	2.880	0.014	0	0	0	21
PL.41664	PL.41670	C	1/0EPRJCN	15.06Y	125.5	0.00	0.53	-0.00	0	0	0	100	0.00	0.0	2.883	0.003	0	0	0	0
PL.41672	PL.41670	C	1/0EPRJCN	15.06Y	125.5	0.00	0.53	10.83	6	155	51	95	0.00	0.0	2.884	0.004	0	0	0	21
PL.41671	PL.41672	C	1/0EPRJCN	15.05Y	125.5	0.01	0.54	10.08	5	144	47	95	0.01	0.0	2.958	0.074	0	0	0	19
1185118	PL.41671	C	Consumer	15.05Y	125.5	0.00	0.54	0.45	0	6	2	95	0.00	0.0	2.958	0.000	6	2	1	1
1185119	PL.41671	C	Consumer	15.05Y	125.5	0.00	0.54	0.39	0	6	2	95	0.00	0.0	2.958	0.000	6	2	1	1
118598	PL.41671	C	Consumer	15.05Y	125.5	0.00	0.54	0.48	0	7	2	96	0.00	0.0	2.958	0.000	7	2	1	1
PL.8925	PL.41671	C	1/0EPRJCN	15.05Y	125.5	0.00	0.54	8.78	5	125	42	95	0.00	0.0	2.980	0.021	0	0	0	16

Unbalanced Voltage Drop Report
Source: UNION 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.8926	PL.8925	C	1/0EPRJCN	15.05Y	125.5	0.00	0.55	6.34	3	91	30	95	0.00	0.0	3.009	0.029	0	0	0	12	
PL.8927	PL.8926	C	1/0EPRJCN	15.05Y	125.5	0.00	0.55	4.06	2	58	19	95	0.00	0.0	3.036	0.028	0	0	0	8	
PL.8929	PL.8927	C	1/0EPRJCN	15.05Y	125.5	0.00	0.55	2.07	1	30	9	96	0.00	0.0	3.063	0.027	0	0	0	4	
118580	PL.8929	C	Consumer	15.05Y	125.5	0.00	0.55	0.22	0	3	1	95	0.00	0.0	3.063	0.000	3	1	1	1	
1185110	PL.8929	C	Consumer	15.05Y	125.5	0.00	0.55	0.72	0	10	4	93	0.00	0.0	3.063	0.000	10	4	1	1	
118553	PL.8929	C	Consumer	15.05Y	125.5	0.00	0.55	0.66	0	9	3	95	0.00	0.0	3.063	0.000	9	3	1	1	
118570	PL.8929	C	Consumer	15.05Y	125.5	0.00	0.55	0.48	0	7	2	96	0.00	0.0	3.063	0.000	7	2	1	1	
PL.45606	PL.8929	C	1/0EPRJCN	15.05Y	125.5	0.00	0.55	-0.03	0	0	0	100	0.00	0.0	3.085	0.022	0	0	0	0	
1185105	PL.8927	C	Consumer	15.05Y	125.5	0.00	0.55	0.64	0	9	3	95	0.00	0.0	3.036	0.000	9	3	1	1	
118583	PL.8927	C	Consumer	15.05Y	125.5	0.00	0.55	0.62	0	9	3	95	0.00	0.0	3.036	0.000	9	3	1	1	
118584	PL.8927	C	Consumer	15.05Y	125.5	0.00	0.55	0.36	0	5	2	93	0.00	0.0	3.036	0.000	5	2	1	1	
118597	PL.8927	C	Consumer	15.05Y	125.5	0.00	0.55	0.38	0	5	2	93	0.00	0.0	3.036	0.000	5	2	1	1	
118596	PL.8926	C	Consumer	15.05Y	125.5	0.00	0.55	0.61	0	9	3	95	0.00	0.0	3.009	0.000	9	3	1	1	
118593	PL.8926	C	Consumer	15.05Y	125.5	0.00	0.55	0.70	0	10	4	93	0.00	0.0	3.009	0.000	10	4	1	1	
1185100	PL.8926	C	Consumer	15.05Y	125.5	0.00	0.55	0.61	0	9	3	95	0.00	0.0	3.009	0.000	9	3	1	1	
118594	PL.8926	C	Consumer	15.05Y	125.5	0.00	0.55	0.37	0	5	2	93	0.00	0.0	3.009	0.000	5	2	1	1	
118550	PL.8925	C	Consumer	15.05Y	125.5	0.00	0.54	0.35	0	5	2	93	0.00	0.0	2.980	0.000	5	2	1	1	
118595	PL.8925	C	Consumer	15.05Y	125.5	0.00	0.54	0.89	0	13	4	96	0.00	0.0	2.980	0.000	13	4	1	1	
1185127	PL.8925	C	Consumer	15.05Y	125.5	0.00	0.54	0.87	0	12	4	95	0.00	0.0	2.980	0.000	12	4	1	1	
118590	PL.8925	C	Consumer	15.05Y	125.5	0.00	0.54	0.34	0	5	2	93	0.00	0.0	2.980	0.000	5	2	1	1	
118528	PL.41672	C	Consumer	15.06Y	125.5	0.00	0.53	0.38	0	5	2	93	0.00	0.0	2.884	0.000	5	2	1	1	
118527	PL.41672	C	Consumer	15.06Y	125.5	0.00	0.53	0.37	0	5	2	93	0.00	0.0	2.884	0.000	5	2	1	1	
1185123	PL.41667	C	Consumer	15.06Y	125.5	0.00	0.53	0.81	0	12	4	95	0.00	0.0	2.843	0.000	12	4	1	1	
PL.41	PL.8941	A	336ACSR	15.07Y	125.6	0.00	0.41	20.07	5	292	77	97	0.01	0.0	2.793	0.036	0	0	0	38	
		B		15.06Y	125.5	0.00	0.47	15.97	4	232	63	96					0	0	0	28	
		C		15.06Y	125.5	0.00	0.52	18.77	4	273	75	96					0	0	0	47	
PL.29047	PL.41	A	336ACSR	15.07Y	125.6	0.00	0.41	20.07	5	292	77	97	0.00	0.0	2.795	0.002	0	0	0	38	
		B		15.06Y	125.5	0.00	0.47	15.97	4	232	63	96					0	0	0	28	
		C		15.06Y	125.5	0.00	0.52	18.77	4	273	75	96					0	0	0	47	
PL.29045	PL.29047	A	1/0EPRJCN	15.07Y	125.6	0.00	0.41	16.54	9	238	74	95	0.00	0.0	2.797	0.003	0	0	0	26	
		B		15.06Y	125.5	0.00	0.47	11.72	6	170	47	96					0	0	0	21	
		C		15.06Y	125.5	0.00	0.52	17.74	9	255	78	96					0	0	0	36	
PD.3669-A	PL.29045	A	Closed	15.07Y	125.6	0.00	0.41	16.54	0	238	74	95	0.00	0.0	2.797	0.000	0	0	0	26	
		B		15.06Y	125.5	0.00	0.47	11.72	0	170	47	96					0	0	0	21	
		C		15.06Y	125.5	0.00	0.52	17.74	0	255	78	96					0	0	0	36	
PD.3669-B	PD.3669-A	A	Closed	15.07Y	125.6	0.00	0.41	16.54	0	238	74	95	0.00	0.0	2.797	0.000	0	0	0	26	
		B		15.06Y	125.5	0.00	0.47	11.72	0	170	47	96					0	0	0	21	
		C		15.06Y	125.5	0.00	0.52	17.74	0	255	78	96					0	0	0	36	
PL.45995	PD.3669-B	A	336ACSR	15.07Y	125.6	0.00	0.41	16.54	4	238	74	95	0.00	0.0	2.811	0.013	0	0	0	26	
		B		15.06Y	125.5	0.00	0.47	11.72	3	170	47	96					0	0	0	21	
		C		15.06Y	125.5	0.00	0.52	17.74	4	255	78	96					0	0	0	36	
PL.45996	PL.45995	A	1/0EPRJCN	15.07Y	125.6	0.00	0.41	16.54	9	238	74	95	0.00	0.0	2.813	0.002	0	0	0	26	
		B		15.06Y	125.5	0.00	0.47	11.72	6	170	47	96					0	0	0	21	
		C		15.06Y	125.5	0.00	0.52	17.74	9	255	78	96					0	0	0	36	

Unbalanced Voltage Drop Report
Source: UNION 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.8702, PL.8939, PL.8938, 1185160, 1185207, 1185190, 1185214, PL.8937, PL.8936, 1185195, 1185192, 1185200, PL.8935, PL.8934, 1185197, 1185203, 1185198, PL.8933, PL.8942, PL.8943, 1185154, 1185161, PL.8944, 1185157, 1185169, 1185173, 1185155, PL.27801, 1185189.

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 1185158, 1185156, etc.

Unbalanced Voltage Drop Report
Source: UNION 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						
P PL.8535	PL.8534	A	1/0EPRJCN	15.07Y	125.6	-0.00	0.43	-0.14	0	0	-2	0	0.00	0.0	3.220	0.026	0	0	0	0	P	
		B		15.06Y	125.5	-0.00	0.48	-0.14	0	0	-2	0					0	0	0	0		
		C		15.05Y	125.4	0.00	0.57	2.12	1	31	9	96					0	0	0	6		
P PL.8536	PL.8535	A	1/0EPRJCN	15.07Y	125.6	-0.00	0.43	-0.11	0	0	-2	0	0.00	0.0	3.259	0.040	0	0	0	0	P	
		B		15.06Y	125.5	-0.00	0.48	-0.11	0	0	-2	0					0	0	0	0		
		C		15.05Y	125.4	0.00	0.57	0.56	0	8	1	99					0	0	0	3		
P PL.46570	PL.8536	A	1/0EPRJCN	15.07Y	125.6	-0.00	0.43	-0.01	0	0	0	100	0.00	0.0	3.264	0.004	0	0	0	0	P	
		B		15.06Y	125.5	0.00	0.48	-0.01	0	0	0	0					0	0	0	0		
		C		15.05Y	125.4	0.00	0.57	-0.01	0	0	0	0					0	0	0	0		
P PL.40721	PL.8536	A	1/0EPRJCN	15.07Y	125.6	-0.00	0.43	-0.05	0	0	-1	0	0.00	0.0	3.276	0.016	0	0	0	0	P	
		B		15.06Y	125.5	-0.00	0.48	-0.05	0	0	-1	0					0	0	0	0		
		C		15.05Y	125.4	0.00	0.57	0.57	0	8	2	97					0	0	0	3		
1185251	PL.40721	C	Consumer	15.05Y	125.4	0.00	0.57	0.00	0	0	0	100	0.00	0.0	3.276	0.000	0	0	1	1		
1185227	PL.40721	C	Consumer	15.05Y	125.4	0.00	0.57	0.27	0	4	1	97	0.00	0.0	3.276	0.000	4	1	1	1		
1185231	PL.40721	C	Consumer	15.05Y	125.4	0.00	0.57	0.32	0	4	2	89	0.00	0.0	3.276	0.000	4	2	1	1		
P PL.40722	PL.40721	A	1/0EPRJCN	15.07Y	125.6	-0.00	0.43	-0.03	0	0	-1	0	0.00	0.0	3.303	0.027	0	0	0	0	P	
		B		15.06Y	125.5	-0.00	0.48	-0.03	0	0	-1	0					0	0	0	0		
		C		15.05Y	125.4	0.00	0.57	-0.03	0	0	-1	0					0	0	0	0		
1185236	PL.8535	C	Consumer	15.05Y	125.4	0.00	0.57	0.74	0	11	4	94	0.00	0.0	3.220	0.000	11	4	1	1		
1185228	PL.8535	C	Consumer	15.05Y	125.4	0.00	0.57	0.67	0	10	3	96	0.00	0.0	3.220	0.000	10	3	1	1		
1185230	PL.8535	C	Consumer	15.05Y	125.4	0.00	0.57	0.16	0	2	1	89	0.00	0.0	3.220	0.000	2	1	1	1		
1185235	PL.8534	C	Consumer	15.05Y	125.4	0.00	0.57	0.44	0	6	2	95	0.00	0.0	3.194	0.000	6	2	1	1		
1185167	PL.8534	C	Consumer	15.05Y	125.4	0.00	0.57	0.47	0	7	2	96	0.00	0.0	3.194	0.000	7	2	1	1		
1185229	PL.8534	C	Consumer	15.05Y	125.4	0.00	0.57	0.33	0	5	2	93	0.00	0.0	3.194	0.000	5	2	1	1		
PL.8529	PL.8528	C	1/0EPRJCN	15.05Y	125.4	0.00	0.57	8.53	4	122	41	95	0.00	0.0	3.171	0.034	0	0	0	15		
PL.8530	PL.8529	C	1/0EPRJCN	15.05Y	125.4	0.00	0.58	6.16	3	88	29	95	0.00	0.0	3.198	0.027	0	0	0	11		
1185145	PL.8530	C	Consumer	15.05Y	125.4	0.00	0.58	0.43	0	6	2	95	0.00	0.0	3.198	0.000	6	2	1	1		
1185142	PL.8530	C	Consumer	15.05Y	125.4	0.00	0.58	0.68	0	10	3	96	0.00	0.0	3.198	0.000	10	3	1	1		
1185168	PL.8530	C	Consumer	15.05Y	125.4	0.00	0.58	0.31	0	4	2	89	0.00	0.0	3.198	0.000	4	2	1	1		
PL.8531	PL.8530	C	1/0EPRJCN	15.05Y	125.4	0.00	0.58	4.76	3	68	23	95	0.00	0.0	3.223	0.026	0	0	0	8		
1185140	PL.8531	C	Consumer	15.05Y	125.4	0.00	0.58	0.50	0	7	2	96	0.00	0.0	3.223	0.000	7	2	1	1		
1185146	PL.8531	C	Consumer	15.05Y	125.4	0.00	0.58	0.59	0	8	3	94	0.00	0.0	3.223	0.000	8	3	1	1		
1185184	PL.8531	C	Consumer	15.05Y	125.4	0.00	0.58	0.66	0	9	3	95	0.00	0.0	3.223	0.000	9	3	1	1		
PL.8532	PL.8531	C	1/0EPRJCN	15.05Y	125.4	0.00	0.58	3.03	2	43	15	94	0.00	0.0	3.248	0.024	0	0	0	5		
1185218	PL.8532	C	Consumer	15.05Y	125.4	0.00	0.58	0.31	0	4	2	89	0.00	0.0	3.248	0.000	4	2	1	1		
1185217	PL.8532	C	Consumer	15.05Y	125.4	0.00	0.58	0.78	0	11	4	94	0.00	0.0	3.248	0.000	11	4	1	1		
1185144	PL.8532	C	Consumer	15.05Y	125.4	0.00	0.58	0.64	0	9	3	95	0.00	0.0	3.248	0.000	9	3	1	1		
1185216	PL.8532	C	Consumer	15.05Y	125.4	0.00	0.58	0.21	0	3	1	95	0.00	0.0	3.248	0.000	3	1	1	1		
1185208	PL.8532	C	Consumer	15.05Y	125.4	0.00	0.58	1.10	0	16	6	94	0.00	0.0	3.248	0.000	16	6	1	1		
1185143	PL.8529	C	Consumer	15.05Y	125.4	0.00	0.57	0.52	0	7	3	92	0.00	0.0	3.171	0.000	7	3	1	1		
1185141	PL.8529	C	Consumer	15.05Y	125.4	0.00	0.57	0.53	0	8	3	94	0.00	0.0	3.171	0.000	8	3	1	1		
1185205	PL.8529	C	Consumer	15.05Y	125.4	0.00	0.57	0.76	0	11	4	94	0.00	0.0	3.171	0.000	11	4	1	1		
1185166	PL.8529	C	Consumer	15.05Y	125.4	0.00	0.57	0.57	0	8	3	94	0.00	0.0	3.171	0.000	8	3	1	1		

Unbalanced Voltage Drop Report
Source: UNION 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	kW Loss	% Loss		Length (mi)	KW			KVAR	
1185152	PL.8526	B	Consumer	15.06Y	125.5	0.00	0.48	0.42	0	6	2	95	0.00	0.0	3.089	0.000	6	2	1	1
1185196	PL.8526	C	Consumer	15.05Y	125.4	0.00	0.56	0.47	0	7	2	96	0.00	0.0	3.089	0.000	7	2	1	1
1185180	PL.8526	C	Consumer	15.05Y	125.4	0.00	0.56	0.58	0	8	3	94	0.00	0.0	3.089	0.000	8	3	1	1
1185174	PL.8526	C	Consumer	15.05Y	125.4	0.00	0.56	0.26	0	4	1	97	0.00	0.0	3.089	0.000	4	1	1	1
1185149	PL.8526	C	Consumer	15.05Y	125.4	0.00	0.56	0.53	0	8	3	94	0.00	0.0	3.089	0.000	8	3	1	1
1185178	PL.8931	A	Consumer	15.07Y	125.6	0.00	0.43	0.60	0	9	3	95	0.00	0.0	3.023	0.000	9	3	1	1
1185187	PL.8931	A	Consumer	15.07Y	125.6	0.00	0.43	0.67	0	9	3	95	0.00	0.0	3.023	0.000	9	3	1	1
1185175	PL.8931	A	Consumer	15.07Y	125.6	0.00	0.43	0.65	0	9	3	95	0.00	0.0	3.023	0.000	9	3	1	1
1185159	PL.8931	A	Consumer	15.07Y	125.6	0.00	0.43	0.34	0	5	2	93	0.00	0.0	3.023	0.000	5	2	1	1
1185147	PL.8931	B	Consumer	15.06Y	125.5	0.00	0.48	0.51	0	7	3	92	0.00	0.0	3.023	0.000	7	3	1	1
1185183	PL.8932	A	Consumer	15.07Y	125.6	0.00	0.43	0.55	0	8	3	94	0.00	0.0	2.996	0.000	8	3	1	1
1185163	PL.8932	A	Consumer	15.07Y	125.6	0.00	0.43	0.36	0	5	2	93	0.00	0.0	2.996	0.000	5	2	1	1
1185211	PL.8935	A	Consumer	15.07Y	125.6	0.00	0.43	0.62	0	9	3	95	0.00	0.0	2.941	0.000	9	3	1	1
1185212	PL.8935	A	Consumer	15.07Y	125.6	0.00	0.43	0.60	0	8	3	94	0.00	0.0	2.941	0.000	8	3	1	1
1185220	PL.8935	A	Consumer	15.07Y	125.6	0.00	0.43	0.68	0	10	3	96	0.00	0.0	2.941	0.000	10	3	1	1
1185210	PL.8935	A	Consumer	15.07Y	125.6	0.00	0.43	0.67	0	10	3	96	0.00	0.0	2.941	0.000	10	3	1	1
1185182	PL.8937	A	Consumer	15.07Y	125.6	0.00	0.42	0.82	0	12	4	95	0.00	0.0	2.890	0.000	12	4	1	1
1185215	PL.8937	A	Consumer	15.07Y	125.6	0.00	0.42	0.78	0	11	4	94	0.00	0.0	2.890	0.000	11	4	1	1
1185181	PL.8937	A	Consumer	15.07Y	125.6	0.00	0.42	0.81	0	11	4	94	0.00	0.0	2.890	0.000	11	4	1	1
1185221	PL.8937	A	Consumer	15.07Y	125.6	0.00	0.42	0.68	0	10	3	96	0.00	0.0	2.890	0.000	10	3	1	1
1185172	PL.8939	A	Consumer	15.07Y	125.6	0.00	0.42	0.85	0	12	4	95	0.00	0.0	2.839	0.000	12	4	1	1
1185191	PL.8939	A	Consumer	15.07Y	125.6	0.00	0.42	0.66	0	9	3	95	0.00	0.0	2.839	0.000	9	3	1	1
1185153	PL.8939	A	Consumer	15.07Y	125.6	0.00	0.42	0.74	0	10	4	93	0.00	0.0	2.839	0.000	10	4	1	1
PL.29048	PL.29047	A	336ACSR	15.07Y	125.6	0.00	0.41	3.61	1	54	3	100	0.00	0.0	2.800	0.006	0	0	0	12
		B		15.06Y	125.5	0.00	0.47	4.25	1	62	16	97					0	0	0	7
		C		15.06Y	125.5	-0.00	0.52	1.16	0	17	-3	-98					0	0	0	11
PL.29190	PL.29048	A	336ACSR	15.07Y	125.6	0.00	0.41	3.61	1	54	3	100	0.00	0.0	2.864	0.064	0	0	0	12
		B		15.06Y	125.5	0.00	0.47	4.25	1	62	16	97					0	0	0	7
		C		15.06Y	125.5	-0.00	0.52	1.16	0	17	-3	-98					0	0	0	11
PL.46561	PL.29190	A	336ACSR	15.07Y	125.6	0.00	0.41	3.61	1	54	3	100	0.00	0.0	2.942	0.078	0	0	0	12
		B		15.06Y	125.5	0.00	0.47	4.25	1	62	16	97					0	0	0	7
		C		15.06Y	125.5	-0.00	0.52	1.16	0	17	-3	-98					0	0	0	11
PL.46560	PL.46561	A	336ACSR	15.07Y	125.6	0.00	0.42	2.40	1	36	-1	-100	0.00	0.0	3.058	0.116	0	0	0	7
		B		15.06Y	125.5	0.00	0.47	4.25	1	62	16	97					0	0	0	7
		C		15.06Y	125.5	-0.00	0.52	1.15	0	17	-3	-98					0	0	0	5
PL.46567	PL.46560	A	336ACSR	15.07Y	125.6	0.00	0.42	2.40	1	36	-1	-100	0.00	0.0	3.093	0.035	0	0	0	7
		B		15.06Y	125.5	0.00	0.47	4.25	1	62	16	97					0	0	0	7
		C		15.06Y	125.5	-0.00	0.52	1.15	0	17	-3	-98					0	0	0	5
PL.46568	PL.46567	A	1/0EPRJCN	15.07Y	125.6	0.00	0.42	0.98	1	15	-2	-99	0.00	0.0	3.099	0.006	0	0	0	3
		B		15.06Y	125.5	0.00	0.47	4.27	2	62	17	97					0	0	0	7
		C		15.06Y	125.5	0.00	0.52	0.59	0	9	-2	-98					0	0	0	2
PD.8759	PL.46568	A	fuse15AMP	15.07Y	125.6	0.00	0.42	0.98	6	15	-1	-100	0.00	0.0	3.099	0.000	0	0	0	3
		B		15.06Y	125.5	0.00	0.47	4.27	28	62	17	96					0	0	0	7
		C		15.06Y	125.5	0.00	0.52	0.59	4	9	-2	-98					0	0	0	2

Unbalanced Voltage Drop Report
Source: UNION 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.46569, PL.8949, 1185304, etc.

Unbalanced Voltage Drop Report
Source: UNION 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			
P PL.46571	PL.8538	A	1/0EPRJCN	15.07Y	125.6	-0.00	0.42	-0.01	0	0	0	100	0.00	0.0	3.349	0.006	0	0	0	0	P
		B		15.06Y	125.5	0.00	0.48	-0.01	0	0	0	0	0	0			0	0	0	0	0
		C		15.06Y	125.5	0.00	0.52	-0.01	0	0	0	0	0	0			0	0	0	0	0
1185224	PL.8538	B	Consumer	15.06Y	125.5	0.00	0.48	0.31	0	4	2	89	0.00	0.0	3.343	0.000	4	2	1	1	
1185223	PL.8538	B	Consumer	15.06Y	125.5	0.00	0.48	0.83	0	12	4	95	0.00	0.0	3.343	0.000	12	4	1	1	
1185237	PL.8538	C	Consumer	15.06Y	125.5	0.00	0.52	0.62	0	9	3	95	0.00	0.0	3.343	0.000	9	3	1	1	
1185238	PL.8539	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.317	0.000	0	0	1	1	
1185253	PL.8539	B	Consumer	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	3.317	0.000	0	0	0	0	
1185225	PL.8539	B	Consumer	15.06Y	125.5	0.00	0.48	0.80	0	11	4	94	0.00	0.0	3.317	0.000	11	4	1	1	
1185232	PL.8539	B	Consumer	15.06Y	125.5	0.00	0.48	0.75	0	11	4	94	0.00	0.0	3.317	0.000	11	4	1	1	
1185262	PL.8946	A	Consumer	15.07Y	125.6	0.00	0.42	0.27	0	4	1	97	0.00	0.0	3.231	0.000	4	1	1	1	
1185299	PL.8946	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.231	0.000	0	0	0	0	
1185246	PL.8946	A	Consumer	15.07Y	125.6	0.00	0.42	0.26	0	4	1	97	0.00	0.0	3.231	0.000	4	1	1	1	
1185245	PL.8946	B	Consumer	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	3.231	0.000	0	0	0	0	
P PL.46557	PL.8948	A	1/0EPRJCN	15.07Y	125.6	-0.00	0.42	-0.01	0	0	0	100	0.00	0.0	3.173	0.010	0	0	0	0	P
1185318	PL.46569	B	Consumer	15.06Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	3.107	0.000	0	0	0	0	
PL.46566	PL.46567	A	336ACSR	15.07Y	125.6	0.00	0.42	1.43	0	22	1	100	0.00	0.0	3.156	0.063	0	0	0	4	
		B		15.06Y	125.5	-0.00	0.47	-0.06	0	0	-1	0	0	0			0	0	0	0	
		C		15.06Y	125.5	0.00	0.52	0.55	0	8	-2	-98	0	0			0	0	0	3	
PL.46553	PL.46566	A	336ACSR	15.07Y	125.6	-0.00	0.42	0.21	0	3	-2	-83	0.00	0.0	3.206	0.050	0	0	0	1	
		B		15.06Y	125.5	0.00	0.47	-0.06	0	0	-1	0	0	0			0	0	0	0	
		C		15.06Y	125.5	0.00	0.52	0.55	0	8	-2	-98	0	0			0	0	0	3	
118508	PL.46553	A	Consumer	15.07Y	125.6	0.00	0.42	0.19	0	3	1	95	0.00	0.0	3.206	0.000	3	1	1	1	
1185261	PL.46553	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.206	0.000	0	0	1	2	
1185260	1185261	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.206	0.000	0	0	0	1	
1185259	1185260	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.206	0.000	0	0	1	1	
1185263	1185259	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.206	0.000	0	0	0	0	
1185264	1185263	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.206	0.000	0	0	0	0	
1185266	1185260	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.206	0.000	0	0	0	0	
1185267	1185266	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.206	0.000	0	0	0	0	
1185268	1185267	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.206	0.000	0	0	0	0	
1185269	1185268	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.206	0.000	0	0	0	0	
1185270	1185269	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.206	0.000	0	0	0	0	
1185315	1185270	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.206	0.000	0	0	0	0	
1185300	1185315	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.206	0.000	0	0	0	0	
1185314	1185300	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.206	0.000	0	0	0	0	
1185301	1185314	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.206	0.000	0	0	0	0	
1185311	1185301	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	3.206	0.000	0	0	0	0	
P PL.44317	PL.46553	A	1/0EPRJCN	15.07Y	125.6	-0.00	0.42	-0.18	0	0	-3	0	0.00	0.0	3.257	0.051	0	0	0	0	P
		B		15.06Y	125.5	-0.00	0.47	-0.06	0	0	-1	0	0	0			0	0	0	0	
		C		15.06Y	125.5	0.00	0.52	0.55	0	8	-2	-98	0	0			0	0	0	1	
PL.44728	PL.44317	C	1/0EPRJCN	15.06Y	125.5	0.00	0.52	0.54	0	8	-1	-99	0.00	0.0	3.269	0.011	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:

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

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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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-----		Cons On	Cons Thru			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR	
118589	PL.46561	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	0	0
1185322	PL.46561	A	Consumer	15.07Y	125.6	0.00	0.41	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	0	0
1185128	1185322	A	Consumer	15.07Y	125.6	0.00	0.41	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	0	0
1185193	PL.46561	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	0	0
1185249	PL.46561	A	Consumer	15.07Y	125.6	0.00	0.41	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	0	0
118536	PL.46561	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	1	1
1185255	PL.46561	A	Consumer	15.07Y	125.6	0.00	0.41	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	0	0
1185305	PL.46561	A	Consumer	15.07Y	125.6	0.00	0.41	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	0	0
118566	PL.46561	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	0	0
118560	PL.46561	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	1	1
1185194	PL.46561	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	0	0
118525	PL.46561	A	Consumer	15.07Y	125.6	0.00	0.41	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	1	1
118567	PL.46561	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	1	1
1185188	PL.46561	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	0	0
118537	PL.46561	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	1	1
1185323	PL.46561	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	0	1
1185324	1185323	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	0	1
118535	1185324	C	Consumer	15.06Y	125.5	0.00	0.52	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	1	1
118534	PL.46561	A	Consumer	15.07Y	125.6	0.00	0.41	0.00	0	0	0	0	100	0.00	0.0	2.942	0.000	0	0	0	0
118572	PL.8941	C	Consumer	15.06Y	125.5	0.00	0.51	0.18	0	2	1	89	0.00	0.0	2.757	0.000	2	1	1	1	
118520	PL.8940	A	Consumer	15.07Y	125.6	0.00	0.41	1.73	0	25	7	96	0.00	0.0	2.664	0.000	25	7	0	0	
		B		15.07Y	125.5	0.00	0.46	1.73	0	25	7	97					25	7	0	0	
		C		15.06Y	125.5	0.00	0.50	1.73	0	25	7	97					25	7	0	0	
1185137	PL.5515	B	Consumer	15.07Y	125.6	0.00	0.42	0.08	0	1	1	71	0.00	0.0	2.375	0.000	1	1	1	1	
PL.17808	PL.8422	C	4ACSR	15.08Y	125.7	0.00	0.32	2.03	2	29	10	95	0.00	0.0	1.490	0.013	0	0	0	4	
PD.524	PL.17808	C	fuse6AMP	15.08Y	125.7	0.00	0.32	2.03	35	29	10	95	0.00	0.0	1.490	0.000	0	0	0	4	
PL.17809	PD.524	C	4ACSR	15.08Y	125.7	0.00	0.32	2.03	2	29	10	95	0.00	0.0	1.531	0.041	0	0	0	4	
118604	PL.17809	C	Consumer	15.08Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	1.531	0.000	0	0	1	1	
118608	PL.17809	C	Consumer	15.08Y	125.7	0.00	0.32	0.51	0	7	3	92	0.00	0.0	1.531	0.000	7	3	1	1	
118629	PL.17809	C	Consumer	15.08Y	125.7	0.00	0.32	0.46	0	7	2	96	0.00	0.0	1.531	0.000	7	2	1	1	
118624	PL.17809	C	Consumer	15.08Y	125.7	0.00	0.32	1.06	0	15	5	95	0.00	0.0	1.531	0.000	15	5	1	1	
118633	PL.5454	B	Consumer	15.09Y	125.8	0.00	0.24	0.02	0	0	0	100	0.00	0.0	1.238	0.000	0	0	1	1	
118669	PL.5454	B	Consumer	15.09Y	125.8	0.00	0.24	0.48	0	7	2	96	0.00	0.0	1.238	0.000	7	2	1	1	
PL.317	PL.8420	C	4ACSR	15.09Y	125.7	0.00	0.25	1.38	1	19	8	92	0.00	0.0	1.158	0.066	0	0	0	6	
PL.21258	PL.317	C	4ACSR	15.09Y	125.7	0.00	0.25	0.50	0	7	3	92	0.00	0.0	1.218	0.059	0	0	0	2	
PL.21644	PL.21258	C	4ACSR	15.09Y	125.7	0.00	0.25	0.50	0	7	3	92	0.00	0.0	1.224	0.006	0	0	0	2	
PL.505	PL.21644	C	4ACSR	15.09Y	125.7	0.00	0.25	0.41	0	6	3	89	0.00	0.0	1.309	0.084	0	0	0	1	
118619	PL.505	C	Consumer	15.09Y	125.7	0.00	0.25	0.41	0	6	3	89	0.00	0.0	1.309	0.000	6	3	1	1	
PL.21645	PL.21644	C	4ACSR	15.09Y	125.7	0.00	0.25	0.09	0	1	0	100	0.00	0.0	1.495	0.271	0	0	0	1	

Unbalanced Voltage Drop Report
Source: UNION 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.21256	PL.21645	C	4ACSR	15.09Y	125.7	0.00	0.25	0.09	0	1	0	100	0.00	0.0	1.558	0.064	0	0	0	1
118616	PL.21256	C	Consumer	15.09Y	125.7	0.00	0.25	0.09	0	1	0	100	0.00	0.0	1.558	0.000	1	0	1	1
118623	PL.21256	C	Consumer	15.09Y	125.7	0.00	0.25	0.00	0	0	0	100	0.00	0.0	1.558	0.000	0	0	0	0
PL.21257	PL.317	C	4ACSR	15.09Y	125.7	0.00	0.25	0.89	1	13	4	96	0.00	0.0	1.244	0.086	0	0	0	4
118606	PL.21257	C	Consumer	15.09Y	125.7	0.00	0.25	0.14	0	2	1	89	0.00	0.0	1.244	0.000	2	1	1	1
PL.22398	PL.21257	C	4ACSR	15.09Y	125.7	0.00	0.25	0.74	1	11	4	94	0.00	0.0	1.259	0.016	0	0	0	3
118632	PL.22398	C	Consumer	15.09Y	125.7	0.00	0.25	0.01	0	0	0	100	0.00	0.0	1.259	0.000	0	0	1	1
PL.22399	PL.22398	C	4ACSR	15.09Y	125.7	0.00	0.25	0.74	1	10	4	93	0.00	0.0	1.287	0.028	0	0	0	2
PL.21679	PL.22399	C	4ACSR	15.09Y	125.7	0.00	0.25	0.21	0	3	1	95	0.00	0.0	1.334	0.047	0	0	0	1
118609	PL.21679	C	Consumer	15.09Y	125.7	0.00	0.25	0.21	0	3	1	95	0.00	0.0	1.334	0.000	3	1	1	1
118626	PL.22399	C	Consumer	15.09Y	125.7	0.00	0.25	0.53	0	7	3	92	0.00	0.0	1.287	0.000	7	3	1	1
118637	PL.8417	C	Consumer	15.09Y	125.8	0.00	0.24	0.58	0	8	3	94	0.00	0.0	1.045	0.000	8	3	1	1
PL.18211	PL.8417	C	4ACSR	15.09Y	125.8	0.00	0.24	4.79	4	68	24	94	0.00	0.0	1.057	0.013	0	0	0	8
C PD.530	PL.18211	C	fuse6AMP	15.09Y	125.8	0.00	0.24	4.79	82	68	24	94	0.00	0.0	1.057	0.000	0	0	0	8 C
PL.18212	PD.530	C	4ACSR	15.09Y	125.7	0.01	0.25	4.79	4	68	24	94	0.00	0.0	1.123	0.066	0	0	0	8
PL.8418	PL.18212	C	4ACSR	15.09Y	125.7	0.00	0.25	2.52	2	36	13	94	0.00	0.0	1.162	0.039	0	0	0	4
118643	PL.8418	C	Consumer	15.09Y	125.7	0.00	0.25	0.74	0	11	4	94	0.00	0.0	1.162	0.000	11	4	1	1
PL.5451	PL.8418	C	4ACSR	15.09Y	125.7	0.00	0.25	1.78	1	25	9	94	0.00	0.0	1.203	0.041	0	0	0	3
118645	PL.5451	C	Consumer	15.09Y	125.7	0.00	0.25	0.52	0	7	3	92	0.00	0.0	1.203	0.000	7	3	1	1
118640	PL.5451	C	Consumer	15.09Y	125.7	0.00	0.25	0.82	0	12	4	95	0.00	0.0	1.203	0.000	12	4	1	1
118642	PL.5451	C	Consumer	15.09Y	125.7	0.00	0.25	0.45	0	6	2	95	0.00	0.0	1.203	0.000	6	2	1	1
118638	PL.18212	C	Consumer	15.09Y	125.7	0.00	0.25	0.63	0	9	3	95	0.00	0.0	1.123	0.000	9	3	1	1
118644	PL.18212	C	Consumer	15.09Y	125.7	0.00	0.25	0.70	0	10	4	93	0.00	0.0	1.123	0.000	10	4	1	1
118641	PL.18212	C	Consumer	15.09Y	125.7	0.00	0.25	0.26	0	4	1	97	0.00	0.0	1.123	0.000	4	1	1	1
118639	PL.18212	C	Consumer	15.09Y	125.7	0.00	0.25	0.67	0	9	3	95	0.00	0.0	1.123	0.000	9	3	1	1
PL.320	PL.30923	B	1/0EPRJCN	15.10Y	125.8	0.00	0.20	6.77	4	101	18	98	0.00	0.0	0.976	0.021	0	0	0	9
PL.20267	PL.320	B	1/0EPRJCN	15.10Y	125.8	0.00	0.20	6.78	4	101	18	98	0.00	0.0	0.999	0.023	0	0	0	9
PL.20266	PL.20267	B	1/0EPRJCN	15.10Y	125.8	0.00	0.20	5.93	3	88	15	99	0.00	0.0	1.038	0.039	0	0	0	8
118668	PL.20266	B	Consumer	15.10Y	125.8	0.00	0.20	1.14	0	16	6	94	0.00	0.0	1.038	0.000	16	6	1	1
PL.5457	PL.20266	B	1/0EPRJCN	15.10Y	125.8	0.00	0.21	4.82	3	72	10	99	0.00	0.0	1.093	0.055	0	0	0	7
PL.8409	PL.5457	B	1/0EPRJCN	15.10Y	125.8	0.00	0.21	1.52	1	23	0	100	0.00	0.0	1.159	0.066	0	0	0	2
PL.20157	PL.8409	B	1/0EPRJCN	15.09Y	125.8	0.00	0.21	1.52	1	23	2	100	0.00	0.0	1.314	0.155	0	0	0	2
1186071	PL.20157	B	Consumer	15.09Y	125.8	0.00	0.21	0.96	0	14	5	94	0.00	0.0	1.314	0.000	14	5	1	1
PL.20156	PL.20157	B	1/0EPRJCN	15.09Y	125.8	0.00	0.21	0.61	0	9	0	100	0.00	0.0	1.385	0.071	0	0	0	1
PL.8421	PL.20156	B	1/0EPRJCN	15.09Y	125.8	0.00	0.21	-0.03	0	0	0	100	0.00	0.0	1.407	0.022	0	0	0	0
PL.319	PL.20156	B	1/0EPRJCN	15.09Y	125.8	0.00	0.21	0.62	0	9	1	99	0.00	0.0	1.481	0.096	0	0	0	1
118630	PL.319	B	Consumer	15.09Y	125.8	0.00	0.21	0.65	0	9	3	95	0.00	0.0	1.481	0.000	9	3	1	1
PL.8410	PL.5457	B	1/0EPRJCN	15.10Y	125.8	0.00	0.21	2.63	1	39	7	98	0.00	0.0	1.174	0.081	0	0	0	4

Unbalanced Voltage Drop Report
Source: UNION 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.323, PL.8410, etc.

Unbalanced Voltage Drop Report
Source: UNION 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 (UNIONCITY2) Beginning with Device PD.3921.

Unbalanced Voltage Drop Report
Source: UNION 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.27444	PL.21669	A	2ACSR	15.03Y	125.2	-0.00	0.75	3.82	2	57	-5	-100	0.02	0.0	1.244	0.050	0	0	0	10
		B		14.94Y	124.5	0.01	1.48	8.23	5	116	41	94					0	0	0	17
		C		15.09Y	125.8	0.01	0.23	14.15	9	204	65	95					0	0	0	27
PD.3294	PL.27444	A	25V4E	15.03Y	125.2	0.00	0.75	3.82	15	57	-5	-100	0.00	0.0	1.244	0.000	0	0	0	10
		B		14.94Y	124.5	0.00	1.48	8.23	33	116	41	94					0	0	0	17
		C		15.09Y	125.8	0.00	0.23	14.15	57	204	65	95					0	0	0	27
PL.27445	PD.3294	A	2ACSR	15.03Y	125.2	-0.00	0.75	3.82	2	57	-5	-100	0.02	0.0	1.298	0.054	0	0	0	10
		B		14.94Y	124.5	0.01	1.49	8.23	5	116	41	94					0	0	0	17
		C		15.09Y	125.8	0.01	0.24	14.15	9	204	65	95					0	0	0	27
116717	PL.27445	A	Consumer	15.03Y	125.2	0.00	0.75	0.54	0	8	3	94	0.00	0.0	1.298	0.000	8	3	1	1
116716	PL.27445	A	Consumer	15.03Y	125.2	0.00	0.75	0.45	0	6	2	95	0.00	0.0	1.298	0.000	6	2	1	1
116733	PL.27445	A	Consumer	15.03Y	125.2	0.00	0.75	0.73	0	10	4	93	0.00	0.0	1.298	0.000	10	4	1	1
116762	PL.27445	A	Consumer	15.03Y	125.2	0.00	0.75	0.12	0	2	1	89	0.00	0.0	1.298	0.000	2	1	1	1
PL.4307	PL.27445	C	4ACSR	15.09Y	125.8	0.00	0.24	2.52	2	36	13	94	0.00	0.0	1.339	0.041	0	0	0	8
PL.4308	PL.4307	C	4ACSR	15.09Y	125.8	0.00	0.24	1.73	1	25	9	94	0.00	0.0	1.389	0.050	0	0	0	6
116725	PL.4308	C	Consumer	15.09Y	125.8	0.00	0.24	0.07	0	1	0	100	0.00	0.0	1.389	0.000	1	0	1	1
116843	PL.4308	C	Consumer	15.09Y	125.8	0.00	0.24	0.24	0	3	1	95	0.00	0.0	1.389	0.000	3	1	1	1
116720	PL.4308	C	Consumer	15.09Y	125.8	0.00	0.24	0.78	0	11	4	94	0.00	0.0	1.389	0.000	11	4	1	1
116719	PL.4308	C	Consumer	15.09Y	125.8	0.00	0.24	0.04	0	1	0	100	0.00	0.0	1.389	0.000	1	0	1	1
116707	PL.4308	C	Consumer	15.09Y	125.8	0.00	0.24	0.26	0	4	1	97	0.00	0.0	1.389	0.000	4	1	1	1
116729	PL.4308	C	Consumer	15.09Y	125.8	0.00	0.24	0.34	0	5	2	93	0.00	0.0	1.389	0.000	5	2	1	1
PL.637	PL.4307	C	4ACSR	15.09Y	125.8	0.00	0.24	0.54	0	8	3	94	0.00	0.0	1.378	0.039	0	0	0	1
116741	PL.637	C	Consumer	15.09Y	125.8	0.00	0.24	0.54	0	8	3	94	0.00	0.0	1.378	0.000	8	3	1	1
116706	PL.4307	C	Consumer	15.09Y	125.8	0.00	0.24	0.25	0	4	1	97	0.00	0.0	1.339	0.000	4	1	1	1
PL.4662	PL.27445	B	4ACSR	14.94Y	124.5	0.02	1.51	8.23	7	116	41	94	0.02	0.0	1.409	0.111	0	0	0	17
116708	PL.4662	B	Consumer	14.94Y	124.5	0.00	1.51	0.30	0	4	1	97	0.00	0.0	1.409	0.000	4	1	1	1
PL.9020	PL.4662	B	4ACSR	14.94Y	124.5	0.01	1.52	7.93	7	112	39	94	0.01	0.0	1.449	0.040	0	0	0	16
PL.18250	PL.9020	B	4ACSR	14.94Y	124.5	0.00	1.52	1.54	1	22	8	94	0.00	0.0	1.501	0.052	0	0	0	4
PL.18251	PL.18250	B	4ACSR	14.94Y	124.5	0.00	1.52	0.61	1	9	3	95	0.00	0.0	1.521	0.020	0	0	0	2
PL.664	PL.18251	B	4ACSR	14.94Y	124.5	0.00	1.52	0.61	1	9	3	95	0.00	0.0	1.551	0.029	0	0	0	2
116870	PL.664	B	Consumer	14.94Y	124.5	0.00	1.52	0.10	0	1	1	71	0.00	0.0	1.551	0.000	1	1	1	1
116874	PL.664	B	Consumer	14.94Y	124.5	0.00	1.52	0.50	0	7	2	96	0.00	0.0	1.551	0.000	7	2	1	1
116734	PL.18250	B	Consumer	14.94Y	124.5	0.00	1.52	0.62	0	9	3	95	0.00	0.0	1.501	0.000	9	3	1	1
116732	PL.18250	B	Consumer	14.94Y	124.5	0.00	1.52	0.32	0	5	2	93	0.00	0.0	1.501	0.000	5	2	1	1
PL.9021	PL.9020	B	4ACSR	14.94Y	124.5	0.02	1.54	6.39	5	90	32	94	0.02	0.0	1.608	0.159	0	0	0	12
PL.614	PL.9021	B	4ACSR	14.93Y	124.5	0.00	1.54	0.88	1	12	4	95	0.00	0.0	1.663	0.055	0	0	0	2
116736	PL.614	B	Consumer	14.93Y	124.5	0.00	1.54	0.39	0	6	2	95	0.00	0.0	1.663	0.000	6	2	1	1
116740	PL.614	B	Consumer	14.93Y	124.5	0.00	1.54	0.49	0	7	2	96	0.00	0.0	1.663	0.000	7	2	1	1
116737	PL.9021	B	Consumer	14.94Y	124.5	0.00	1.54	0.27	0	4	1	97	0.00	0.0	1.608	0.000	4	1	1	1
116731	PL.9021	B	Consumer	14.94Y	124.5	0.00	1.54	0.48	0	7	2	96	0.00	0.0	1.608	0.000	7	2	1	1
PL.9022	PL.9021	B	4ACSR	14.93Y	124.4	0.01	1.55	4.76	4	67	24	94	0.01	0.0	1.714	0.105	0	0	0	8

Unbalanced Voltage Drop Report
Source: UNION 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 PL.9023 through PL.16744.

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-'.

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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Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for elements PL.9027, PL.9028, PL.9029, PL.9030, PL.9031, PL.8557, PL.37583, PD.6145-A, PD.6145-B, PL.37584, C.PD.3297, PL.17588, PL.27810, PL.27811, PL.19116, 116881, 116878, PL.19019, PL.19020, PL.9032, PL.17666, C.PD.872, PL.17667, PL.5426, 116895, PL.5427, 116891, PL.667, PL.668, PL.755, PL.756, 117855.

Unbalanced Voltage Drop Report
Source: UNION 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
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	Length (mi)					KW	KVAR		
PL.757	PL.755	B	4ACSR	14.70Y	122.5	0.00	3.48	5.48	5	76	26	95	0.00	0.0	2.842	0.006	0	0	0	8	
PL.669	PL.757	B	4ACSR	14.70Y	122.5	0.01	3.49	5.48	5	76	26	95	0.01	0.0	2.934	0.092	0	0	0	8	
PL.9036	PL.669	B	4ACSR	14.70Y	122.5	0.01	3.50	4.83	4	67	23	95	0.00	0.0	3.013	0.079	0	0	0	7	
PL.36499	PL.9036	B	1/0EPRJCN	14.70Y	122.5	0.00	3.50	0.70	0	10	3	96	0.00	0.0	3.060	0.047	0	0	0	1	
1168110	PL.36499	B	Consumer	14.70Y	122.5	0.00	3.50	0.72	0	10	4	93	0.00	0.0	3.060	0.000	10	4	1	1	
PL.688	PL.9036	B	4ACSR	14.70Y	122.5	0.00	3.50	1.42	1	20	7	94	0.00	0.0	3.099	0.086	0	0	0	2	
116893	PL.688	B	Consumer	14.70Y	122.5	0.00	3.50	0.36	0	5	2	93	0.00	0.0	3.099	0.000	5	2	1	1	
1168101	PL.688	B	Consumer	14.70Y	122.5	0.00	3.50	1.06	0	15	5	95	0.00	0.0	3.099	0.000	15	5	1	1	
PL.9037	PL.9036	B	4ACSR	14.70Y	122.5	0.00	3.50	2.71	2	38	13	95	0.00	0.0	3.058	0.045	0	0	0	4	
PL.23674	PL.9037	B	4ACSR	14.70Y	122.5	0.00	3.50	1.74	1	24	8	95	0.00	0.0	3.127	0.068	0	0	0	3	
PL.23673	PL.23674	B	4ACSR	14.70Y	122.5	0.00	3.50	1.21	1	17	6	94	0.00	0.0	3.201	0.075	0	0	0	2	
116888	PL.23673	B	Consumer	14.70Y	122.5	0.00	3.50	0.65	0	9	3	95	0.00	0.0	3.201	0.000	9	3	1	1	
116887	PL.23673	B	Consumer	14.70Y	122.5	0.00	3.50	0.56	0	8	3	94	0.00	0.0	3.201	0.000	8	3	1	1	
PL.698	PL.23674	B	4ACSR	14.70Y	122.5	0.00	3.50	0.53	0	7	3	92	0.00	0.0	3.188	0.061	0	0	0	1	
1168102	PL.698	B	Consumer	14.70Y	122.5	0.00	3.50	0.53	0	7	3	92	0.00	0.0	3.188	0.000	7	3	1	1	
PL.277	PL.9037	B	4ACSR	14.70Y	122.5	0.00	3.50	0.97	1	13	5	93	0.00	0.0	3.175	0.117	0	0	0	1	
1168106	PL.277	B	Consumer	14.70Y	122.5	0.00	3.50	0.97	0	13	5	93	0.00	0.0	3.175	0.000	13	5	1	1	
PL.687	PL.669	B	4ACSR	14.70Y	122.5	0.00	3.49	0.65	1	9	3	95	0.00	0.0	3.045	0.111	0	0	0	1	
116892	PL.687	B	Consumer	14.70Y	122.5	0.00	3.49	0.65	0	9	3	95	0.00	0.0	3.045	0.000	9	3	1	1	
PL.9033	PL.5427	B	4ACSR	14.71Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	2.666	0.018	0	0	0	1	
PL.9034	PL.9033	B	4ACSR	14.71Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	2.683	0.016	0	0	0	1	
116877	PL.9034	B	Consumer	14.71Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	2.683	0.000	0	0	1	1	
PL.9035	PL.9034	B	4ACSR	14.71Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	2.701	0.018	0	0	0	0	
PL.692	PL.9033	B	4ACSR	14.71Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	2.706	0.040	0	0	0	0	
116894	PL.692	B	Consumer	14.71Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	2.706	0.000	0	0	0	0	
PL.17664	PL.9032	B	4ACSR	14.70Y	122.5	0.05	3.48	65.45	55	908	320	94	0.37	0.0	2.510	0.036	0	0	0	134	
PL.17665	PL.17664	B	4ACSR	14.70Y	122.5	0.02	3.50	65.45	55	907	320	94	0.14	0.0	2.524	0.014	0	0	0	134	
PL.45471	PL.17665	B	4ACSR	14.70Y	122.5	0.00	3.50	1.47	1	20	7	94	0.00	0.0	2.536	0.012	0	0	0	5	
PD.873	PL.45471	B	fuse6AMP	14.70Y	122.5	0.00	3.50	1.47	25	20	7	94	0.00	0.0	2.536	0.000	0	0	0	5	
PL.45472	PD.873	B	4ACSR	14.70Y	122.5	0.00	3.50	1.47	1	20	7	94	0.00	0.0	2.608	0.072	0	0	0	5	
117888	PL.45472	B	Consumer	14.70Y	122.5	0.00	3.50	0.04	0	1	0	100	0.00	0.0	2.608	0.000	1	0	1	1	
117806	PL.45472	B	Consumer	14.70Y	122.5	0.00	3.50	0.19	0	3	1	95	0.00	0.0	2.608	0.000	3	1	1	1	
PL.762	PL.45472	B	4ACSR	14.70Y	122.5	0.00	3.50	1.07	1	15	5	95	0.00	0.0	2.657	0.050	0	0	0	2	
117897	PL.762	B	Consumer	14.70Y	122.5	0.00	3.50	0.49	0	7	2	96	0.00	0.0	2.657	0.000	7	2	1	1	
117894	PL.762	B	Consumer	14.70Y	122.5	0.00	3.50	0.58	0	8	3	94	0.00	0.0	2.657	0.000	8	3	1	1	
PL.753	PL.45472	B	4ACSR	14.70Y	122.5	0.00	3.50	0.18	0	3	1	95	0.00	0.0	2.658	0.051	0	0	0	1	
117814	PL.753	B	Consumer	14.70Y	122.5	0.00	3.50	0.18	0	3	1	95	0.00	0.0	2.658	0.000	3	1	1	1	
PL.9038	PL.17665	B	4ACSR	14.70Y	122.5	0.00	3.50	47.06	40	653	230	94	0.00	0.0	2.524	0.000	0	0	0	98	

Unbalanced Voltage Drop Report
Source: UNION 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	mi Length (mi)	KW					KVAR			
PL.17668	PL.9038	B	4ACSR	14.70Y	122.5	0.02	3.51	47.06	40	653	230	94	0.08	0.0	2.538	0.014	0	0	0	98	
PL.17669	PL.17668	B	4ACSR	14.69Y	122.4	0.10	3.61	47.06	40	653	229	94	0.48	0.1	2.629	0.091	0	0	0	98	
PL.9049	PL.17669	B	4ACSR	14.68Y	122.3	0.07	3.68	45.90	39	636	224	94	0.35	0.1	2.698	0.070	0	0	0	95	
117859	PL.9049	B	Consumer	14.68Y	122.3	0.00	3.68	0.02	0	0	0	100	0.00	0.0	2.698	0.000	0	0	1	1	
PL.9050	PL.9049	B	4ACSR	14.66Y	122.1	0.19	3.87	45.88	39	635	223	94	0.91	0.1	2.880	0.181	0	0	0	94	
PL.37613	PL.9050	B	4ACSR	14.66Y	122.1	0.00	3.87	0.84	1	12	4	95	0.00	0.0	2.894	0.014	0	0	0	1	
PD.6157	PL.37613	B	fuse6AMP	14.66Y	122.1	0.00	3.87	0.84	14	12	4	95	0.00	0.0	2.894	0.000	0	0	0	1	
PL.37614	PD.6157	B	4ACSR	14.66Y	122.1	0.00	3.87	0.84	1	12	4	95	0.00	0.0	2.933	0.039	0	0	0	1	
117898	PL.37614	B	Consumer	14.66Y	122.1	0.00	3.87	0.84	0	12	4	95	0.00	0.0	2.933	0.000	12	4	1	1	
117808	PL.9050	B	Consumer	14.66Y	122.1	0.00	3.87	0.02	0	0	0	100	0.00	0.0	2.880	0.000	0	0	1	1	
PL.19264	PL.9050	B	4ACSR	14.65Y	122.1	0.07	3.94	45.02	38	623	218	94	0.33	0.1	2.947	0.067	0	0	0	92	
PL.19600	PL.19264	B	4ACSR	14.64Y	122.0	0.05	3.99	45.02	38	622	218	94	0.23	0.0	2.995	0.048	0	0	0	92	
117823	PL.19600	B	Consumer	14.64Y	122.0	0.00	3.99	0.56	0	8	3	94	0.00	0.0	2.995	0.000	8	3	1	1	
PL.19601	PL.19600	B	4ACSR	14.63Y	121.9	0.09	4.08	44.46	37	614	215	94	0.40	0.1	3.080	0.084	0	0	0	91	
PL.20734	PL.19601	B	4ACSR	14.63Y	121.9	0.00	4.08	4.06	3	56	18	95	0.00	0.0	3.088	0.009	0	0	0	12	
PD.3076	PL.20734	B	fuse6AMP	14.63Y	121.9	0.00	4.08	4.06	69	56	18	95	0.00	0.0	3.088	0.000	0	0	0	12	
PL.28179	PD.3076	B	4ACSR	14.63Y	121.9	0.01	4.09	4.06	3	56	18	95	0.01	0.0	3.228	0.140	0	0	0	12	
PL.739	PL.28179	B	4ACSR	14.63Y	121.9	0.00	4.09	1.79	2	25	9	94	0.00	0.0	3.279	0.052	0	0	0	2	
PL.740	PL.739	B	4ACSR	14.63Y	121.9	0.00	4.09	1.27	1	18	6	95	0.00	0.0	3.335	0.056	0	0	0	1	
117821	PL.740	B	Consumer	14.63Y	121.9	0.00	4.09	1.27	0	18	6	95	0.00	0.0	3.335	0.000	18	6	1	1	
PL.741	PL.739	B	4ACSR	14.63Y	121.9	0.00	4.09	0.51	0	7	2	96	0.00	0.0	3.370	0.090	0	0	0	1	
117832	PL.741	B	Consumer	14.63Y	121.9	0.00	4.09	0.51	0	7	2	96	0.00	0.0	3.370	0.000	7	2	1	1	
PL.8879	PL.28179	B	4ACSR	14.63Y	121.9	0.01	4.10	2.27	2	32	10	95	0.00	0.0	3.441	0.213	0	0	0	10	
PL.742	PL.8879	B	4ACSR	14.63Y	121.9	0.01	4.11	1.70	1	24	7	96	0.00	0.0	3.583	0.142	0	0	0	3	
PL.4747	PL.742	B	4ACSR	14.63Y	121.9	0.00	4.11	1.70	1	24	7	96	0.00	0.0	3.632	0.049	0	0	0	3	
117902	PL.4747	B	Consumer	14.63Y	121.9	0.00	4.11	0.41	0	6	2	95	0.00	0.0	3.632	0.000	6	2	1	1	
PL.4748	PL.4747	B	4ACSR	14.63Y	121.9	0.00	4.11	1.29	1	18	5	96	0.00	0.0	3.724	0.092	0	0	0	2	
PL.39164	PL.4748	B	4ACSR	14.63Y	121.9	0.00	4.11	1.29	1	18	5	96	0.00	0.0	3.835	0.111	0	0	0	2	
PL.39165	PL.39164	B	4ACSR	14.63Y	121.9	0.00	4.12	0.05	0	1	0	100	0.00	0.0	3.899	0.064	0	0	0	1	
117910	PL.39165	B	Consumer	14.63Y	121.9	0.00	4.12	0.05	0	1	0	100	0.00	0.0	3.899	0.000	1	0	1	1	
PL.5462	PL.39165	B	4ACSR	14.63Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	3.934	0.035	0	0	0	0	
PL.737	PL.5462	B	4ACSR	14.63Y	121.9	0.00	4.12	0.00	0	0	0	100	0.00	0.0	3.979	0.045	0	0	0	0	
PL.39163	PL.39164	B	1/0EPRJCN	14.63Y	121.9	0.00	4.12	1.24	1	18	4	98	0.00	0.0	3.934	0.099	0	0	0	1	
1179018	PL.39163	B	Consumer	14.63Y	121.9	0.00	4.12	1.28	0	18	6	95	0.00	0.0	3.934	0.000	18	6	1	1	
PL.19258	PL.8879	B	4ACSR	14.63Y	121.9	0.00	4.10	0.58	0	8	3	94	0.00	0.0	3.512	0.072	0	0	0	7	
117909	PL.19258	B	Consumer	14.63Y	121.9	0.00	4.10	0.39	0	5	2	93	0.00	0.0	3.512	0.000	5	2	1	1	
PL.19259	PL.19258	B	4ACSR	14.63Y	121.9	0.00	4.10	0.19	0	2	1	89	0.00	0.0	3.543	0.031	0	0	0	6	
117916	PL.19259	B	Consumer	14.63Y	121.9	0.00	4.10	0.00	0	0	0	100	0.00	0.0	3.543	0.000	0	0	0	0	

Unbalanced Voltage Drop Report
Source: UNION 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.8880	PL.19259	B	4ACSR	14.63Y	121.9	0.00	4.10	0.19	0	2	1	89	0.00	0.0	3.559	0.015	0	0	0	6
PL.763	PL.8880	B	4ACSR	14.63Y	121.9	0.00	4.10	0.01	0	0	0	100	0.00	0.0	3.618	0.059	0	0	0	1
117915	PL.763	B	Consumer	14.63Y	121.9	0.00	4.10	0.01	0	0	0	100	0.00	0.0	3.618	0.000	0	0	1	1
PL.8881	PL.8880	B	4ACSR	14.63Y	121.9	0.00	4.10	0.17	0	2	1	89	0.00	0.0	3.847	0.289	0	0	0	5
PL.19432	PL.8881	B	4ACSR	14.63Y	121.9	0.00	4.10	0.13	0	2	1	89	0.00	0.0	3.906	0.059	0	0	0	3
PL.19433	PL.19432	B	4ACSR	14.63Y	121.9	0.00	4.10	0.13	0	2	1	89	0.00	0.0	3.972	0.066	0	0	0	3
117904	PL.19433	B	Consumer	14.63Y	121.9	0.00	4.10	0.02	0	0	0	100	0.00	0.0	3.972	0.000	0	0	1	1
117913	PL.19433	B	Consumer	14.63Y	121.9	0.00	4.10	0.02	0	0	0	100	0.00	0.0	3.972	0.000	0	0	1	1
PL.4750	PL.19433	B	4ACSR	14.63Y	121.9	0.00	4.10	0.09	0	1	1	71	0.00	0.0	4.159	0.187	0	0	0	1
117914	PL.4750	B	Consumer	14.63Y	121.9	0.00	4.10	0.09	0	1	1	71	0.00	0.0	4.159	0.000	1	1	1	1
PL.5468	PL.8881	B	4ACSR	14.63Y	121.9	0.00	4.10	0.05	0	1	0	100	0.00	0.0	3.942	0.094	0	0	0	2
PL.39768	PL.5468	B	2ACSR	14.63Y	121.9	0.00	4.10	0.00	0	0	0	100	0.00	0.0	4.004	0.063	0	0	0	0
1179019	PL.39768	B	Consumer	14.63Y	121.9	0.00	4.10	0.00	0	0	0	100	0.00	0.0	4.004	0.000	0	0	0	0
PL.5469	PL.5468	B	4ACSR	14.63Y	121.9	0.00	4.10	0.05	0	1	0	100	0.00	0.0	3.943	0.001	0	0	0	2
PL.743	PL.5469	B	4ACSR	14.63Y	121.9	0.00	4.10	0.02	0	0	0	100	0.00	0.0	4.054	0.111	0	0	0	1
117911	PL.743	B	Consumer	14.63Y	121.9	0.00	4.10	0.02	0	0	0	100	0.00	0.0	4.054	0.000	0	0	1	1
117917	PL.5469	B	Consumer	14.63Y	121.9	0.00	4.10	0.03	0	0	0	100	0.00	0.0	3.943	0.000	0	0	1	1
117809	PL.19601	B	Consumer	14.63Y	121.9	0.00	4.08	0.00	0	0	0	100	0.00	0.0	3.080	0.000	0	0	0	0
PL.27432	PL.19601	B	4ACSR	14.62Y	121.9	0.05	4.13	40.40	34	557	197	94	0.22	0.0	3.136	0.056	0	0	0	79
C PD.3302	PL.27432	B	25V4E	14.62Y	121.9	0.00	4.13	40.40	162	557	197	94	0.00	0.0	3.136	0.000	0	0	0	79 C
PL.27433	PD.3302	B	4ACSR	14.61Y	121.7	0.14	4.27	40.40	34	557	197	94	0.58	0.1	3.285	0.149	0	0	0	79
117812	PL.27433	B	Consumer	14.61Y	121.7	0.00	4.27	0.00	0	0	0	100	0.00	0.0	3.285	0.000	0	0	0	0
117816	PL.27433	B	Consumer	14.61Y	121.7	0.00	4.27	0.22	0	3	1	95	0.00	0.0	3.285	0.000	3	1	1	1
PL.17580	PL.27433	B	4ACSR	14.58Y	121.5	0.26	4.52	40.18	34	553	195	94	1.08	0.2	3.564	0.279	0	0	0	78
PL.36758	PL.17580	B	4ACSR	14.58Y	121.5	0.00	4.52	13.69	12	188	66	94	0.00	0.0	3.572	0.008	0	0	0	24
PL.36759	PL.36758	B	4ACSR	14.57Y	121.4	0.05	4.57	13.69	12	188	66	94	0.07	0.0	3.732	0.160	0	0	0	24
PL.29203	PL.36759	B	4ACSR	14.57Y	121.4	0.00	4.58	6.71	6	92	32	94	0.00	0.0	3.738	0.006	0	0	0	12
C PD.877	PL.29203	B	fuse6AMP	14.57Y	121.4	0.00	4.58	6.71	115	92	32	94	0.00	0.0	3.738	0.000	0	0	0	12 C
PL.29202	PD.877	B	4ACSR	14.57Y	121.4	0.00	4.58	6.71	6	92	32	94	0.00	0.0	3.760	0.022	0	0	0	12
PL.29164	PL.29202	B	4ACSR	14.57Y	121.4	0.00	4.58	0.86	1	12	4	95	0.00	0.0	3.797	0.037	0	0	0	2
117876	PL.29164	B	Consumer	14.57Y	121.4	0.00	4.58	0.55	0	8	3	94	0.00	0.0	3.797	0.000	8	3	1	1
117875	PL.29164	B	Consumer	14.57Y	121.4	0.00	4.58	0.31	0	4	2	89	0.00	0.0	3.797	0.000	4	2	1	1
PL.29025	PL.29202	B	4ACSR	14.57Y	121.4	0.01	4.59	5.85	5	80	28	94	0.00	0.0	3.808	0.048	0	0	0	10
PL.29165	PL.29025	B	4ACSR	14.57Y	121.4	0.00	4.59	1.45	1	20	7	94	0.00	0.0	3.845	0.037	0	0	0	2
117871	PL.29165	B	Consumer	14.57Y	121.4	0.00	4.59	0.76	0	10	4	93	0.00	0.0	3.845	0.000	10	4	1	1
117872	PL.29165	B	Consumer	14.57Y	121.4	0.00	4.59	0.69	0	9	3	95	0.00	0.0	3.845	0.000	9	3	1	1
PL.29024	PL.29025	B	4ACSR	14.57Y	121.4	0.01	4.59	4.41	4	61	21	95	0.00	0.0	3.879	0.071	0	0	0	8
PL.29022	PL.29024	B	4ACSR	14.57Y	121.4	0.00	4.59	1.89	2	26	9	94	0.00	0.0	3.921	0.043	0	0	0	3

Unbalanced Voltage Drop Report
Source: UNION 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	
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF							kW Loss
PL.29163	PL.29022	B	4ACSR	14.57Y	121.4	0.00	4.59	1.12	1	15	5	95	0.00	0.0	3.957	0.036	0	0	0	2
117868	PL.29163	B	Consumer	14.57Y	121.4	0.00	4.59	0.68	0	9	3	95	0.00	0.0	3.957	0.000	9	3	1	1
117869	PL.29163	B	Consumer	14.57Y	121.4	0.00	4.59	0.44	0	6	2	95	0.00	0.0	3.957	0.000	6	2	1	1
PL.29021	PL.29022	B	4ACSR	14.57Y	121.4	0.00	4.60	0.77	1	11	4	94	0.00	0.0	4.009	0.087	0	0	0	1
PL.29000	PL.29021	B	4ACSR	14.57Y	121.4	0.00	4.60	0.00	0	0	0	100	0.00	0.0	4.039	0.031	0	0	0	0
117873	PL.29021	B	Consumer	14.57Y	121.4	0.00	4.60	0.77	0	11	4	94	0.00	0.0	4.009	0.000	11	4	1	1
PL.29023	PL.29024	B	4ACSR	14.57Y	121.4	0.00	4.59	1.44	1	20	7	94	0.00	0.0	3.920	0.041	0	0	0	3
PL.29161	PL.29023	B	4ACSR	14.57Y	121.4	0.00	4.59	1.00	1	14	5	94	0.00	0.0	3.958	0.038	0	0	0	2
117865	PL.29161	B	Consumer	14.57Y	121.4	0.00	4.59	0.30	0	4	1	97	0.00	0.0	3.958	0.000	4	1	1	1
117864	PL.29161	B	Consumer	14.57Y	121.4	0.00	4.59	0.70	0	10	3	96	0.00	0.0	3.958	0.000	10	3	1	1
117870	PL.29023	B	Consumer	14.57Y	121.4	0.00	4.59	0.45	0	6	2	95	0.00	0.0	3.920	0.000	6	2	1	1
PL.29162	PL.29024	B	4ACSR	14.57Y	121.4	0.00	4.59	1.07	1	15	5	95	0.00	0.0	3.914	0.035	0	0	0	2
117867	PL.29162	B	Consumer	14.57Y	121.4	0.00	4.59	0.64	0	9	3	95	0.00	0.0	3.914	0.000	9	3	1	1
117866	PL.29162	B	Consumer	14.57Y	121.4	0.00	4.59	0.43	0	6	2	95	0.00	0.0	3.914	0.000	6	2	1	1
PL.29204	PL.36759	B	4ACSR	14.57Y	121.4	0.00	4.57	3.61	3	50	17	95	0.00	0.0	3.737	0.005	0	0	0	5
PD.878	PL.29204	B	fuse6AMP	14.57Y	121.4	0.00	4.57	3.61	62	50	17	95	0.00	0.0	3.737	0.000	0	0	0	5
PL.29205	PD.878	B	4ACSR	14.57Y	121.4	0.00	4.58	3.61	3	50	17	95	0.00	0.0	3.788	0.050	0	0	0	5
117885	PL.29205	B	Consumer	14.57Y	121.4	0.00	4.58	0.45	0	6	2	95	0.00	0.0	3.788	0.000	6	2	1	1
117884	PL.29205	B	Consumer	14.57Y	121.4	0.00	4.58	0.94	0	13	5	93	0.00	0.0	3.788	0.000	13	5	1	1
PL.29001	PL.29205	B	4ACSR	14.57Y	121.4	0.00	4.58	2.23	2	31	11	94	0.00	0.0	3.864	0.076	0	0	0	3
PL.29166	PL.29001	B	4ACSR	14.57Y	121.4	0.00	4.58	0.87	1	12	4	95	0.00	0.0	3.902	0.038	0	0	0	1
117890	PL.29166	B	Consumer	14.57Y	121.4	0.00	4.58	0.87	0	12	4	95	0.00	0.0	3.902	0.000	12	4	1	1
117887	PL.29001	B	Consumer	14.57Y	121.4	0.00	4.58	0.87	0	12	4	95	0.00	0.0	3.864	0.000	12	4	1	1
117886	PL.29001	B	Consumer	14.57Y	121.4	0.00	4.58	0.49	0	7	2	96	0.00	0.0	3.864	0.000	7	2	1	1
PL.8653	PL.36759	B	4ACSR	14.57Y	121.4	0.00	4.58	3.37	3	46	16	94	0.00	0.0	3.759	0.027	0	0	0	7
117883	PL.8653	B	Consumer	14.57Y	121.4	0.00	4.58	0.57	0	8	3	94	0.00	0.0	3.759	0.000	8	3	1	1
PL.5467	PL.8653	B	4ACSR	14.57Y	121.4	0.00	4.58	2.80	2	38	14	94	0.00	0.0	3.830	0.071	0	0	0	6
117838	PL.5467	B	Consumer	14.57Y	121.4	0.00	4.58	0.21	0	3	1	95	0.00	0.0	3.830	0.000	3	1	1	1
117822	PL.5467	B	Consumer	14.57Y	121.4	0.00	4.58	1.07	0	15	5	95	0.00	0.0	3.830	0.000	15	5	1	1
PL.5465	PL.5467	B	4ACSR	14.57Y	121.4	0.00	4.58	1.10	1	15	5	95	0.00	0.0	3.855	0.025	0	0	0	3
PL.4746	PL.5465	B	4ACSR	14.57Y	121.4	0.00	4.58	0.61	1	8	3	94	0.00	0.0	3.901	0.045	0	0	0	2
117847	PL.4746	B	Consumer	14.57Y	121.4	0.00	4.58	0.27	0	4	1	97	0.00	0.0	3.901	0.000	4	1	1	1
117845	PL.4746	B	Consumer	14.57Y	121.4	0.00	4.58	0.34	0	5	2	93	0.00	0.0	3.901	0.000	5	2	1	1
117850	PL.5465	B	Consumer	14.57Y	121.4	0.00	4.58	0.49	0	7	2	96	0.00	0.0	3.855	0.000	7	2	1	1
PL.761	PL.5467	B	4ACSR	14.57Y	121.4	0.00	4.58	0.42	0	6	2	95	0.00	0.0	3.885	0.055	0	0	0	1
117889	PL.761	B	Consumer	14.57Y	121.4	0.00	4.58	0.42	0	6	2	95	0.00	0.0	3.885	0.000	6	2	1	1
PL.21665	PL.17580	B	4ACSR	14.57Y	121.4	0.04	4.56	22.79	19	313	110	94	0.10	0.0	3.641	0.077	0	0	0	44
PL.21867	PL.21665	B	4ACSR	14.57Y	121.4	0.04	4.61	21.99	18	302	106	94	0.10	0.0	3.731	0.090	0	0	0	42

Unbalanced Voltage Drop Report
Source: UNION 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.765	PL.21867	B	4ACSR	14.57Y	121.4	0.00	4.61	0.37	0	5	2	93	0.00	0.0	3.827	0.096	0	0	0	1	
117899	PL.765	B	Consumer	14.57Y	121.4	0.00	4.61	0.37	0	5	2	93	0.00	0.0	3.827	0.000	5	2	1	1	
PL.8558	PL.21867	B	4ACSR	14.56Y	121.3	0.05	4.65	21.62	18	297	105	94	0.10	0.0	3.825	0.094	0	0	0	41	
117811	PL.8558	B	Consumer	14.56Y	121.3	0.00	4.65	0.39	0	5	2	93	0.00	0.0	3.825	0.000	5	2	1	1	
PL.5460	PL.8558	B	4ACSR	14.55Y	121.2	0.13	4.79	21.23	18	292	103	94	0.29	0.1	4.099	0.274	0	0	0	40	
PL.8657	PL.5460	B	4ACSR	14.55Y	121.2	0.00	4.79	21.23	18	291	102	94	0.00	0.0	4.103	0.004	0	0	0	40	
PL.27430	PL.8657	B	4ACSR	14.55Y	121.2	0.00	4.79	9.94	8	136	48	94	0.00	0.0	4.114	0.011	0	0	0	17	
PD.62-A	PL.27430	B	Closed	14.55Y	121.2	0.00	4.79	9.94	0	136	48	94	0.00	0.0	4.114	0.000	0	0	0	17	
PD.62-B	PD.62-A	B	Closed	14.55Y	121.2	0.00	4.79	9.94	0	136	48	94	0.00	0.0	4.114	0.000	0	0	0	17	
PL.27431	PD.62-B	B	4ACSR	14.54Y	121.2	0.01	4.80	9.94	8	136	48	94	0.01	0.0	4.153	0.038	0	0	0	17	
PL.5433	PL.27431	B	4ACSR	14.54Y	121.2	0.03	4.83	9.94	8	136	48	94	0.03	0.0	4.279	0.126	0	0	0	17	
118703	PL.5433	B	Consumer	14.54Y	121.2	0.00	4.83	0.75	0	10	4	93	0.00	0.0	4.279	0.000	10	4	1	1	
PL.8872	PL.5433	B	4ACSR	14.54Y	121.1	0.02	4.85	9.19	8	126	44	94	0.02	0.0	4.398	0.119	0	0	0	16	
PL.8873	PL.8872	B	4ACSR	14.54Y	121.1	0.01	4.87	7.49	6	103	36	94	0.01	0.0	4.474	0.077	0	0	0	13	
PL.8874	PL.8873	B	4ACSR	14.54Y	121.1	0.01	4.87	7.08	6	97	34	94	0.00	0.0	4.512	0.038	0	0	0	12	
PL.8875	PL.8874	B	4ACSR	14.53Y	121.1	0.01	4.88	5.77	5	79	28	94	0.00	0.0	4.574	0.062	0	0	0	10	
PL.8876	PL.8875	B	4ACSR	14.53Y	121.1	0.00	4.88	1.89	2	26	9	94	0.00	0.0	4.607	0.033	0	0	0	4	
118718	PL.8876	B	Consumer	14.53Y	121.1	0.00	4.88	0.55	0	7	3	92	0.00	0.0	4.607	0.000	7	3	1	1	
PL.8877	PL.8876	B	4ACSR	14.53Y	121.1	0.00	4.88	1.35	1	18	6	95	0.00	0.0	4.620	0.013	0	0	0	3	
PL.8878	PL.8877	B	4ACSR	14.53Y	121.1	0.00	4.88	0.73	1	10	4	93	0.00	0.0	4.686	0.066	0	0	0	2	
118711	PL.8878	B	Consumer	14.53Y	121.1	0.00	4.88	0.14	0	2	1	89	0.00	0.0	4.686	0.000	2	1	1	1	
118712	PL.8878	B	Consumer	14.53Y	121.1	0.00	4.88	0.60	0	8	3	94	0.00	0.0	4.686	0.000	8	3	1	1	
118710	PL.8877	B	Consumer	14.53Y	121.1	0.00	4.88	0.61	0	8	3	94	0.00	0.0	4.620	0.000	8	3	1	1	
PL.502	PL.8875	B	4ACSR	14.53Y	121.1	0.00	4.88	1.85	2	25	9	94	0.00	0.0	4.607	0.033	0	0	0	3	
118716	PL.502	B	Consumer	14.53Y	121.1	0.00	4.88	0.60	0	8	3	94	0.00	0.0	4.607	0.000	8	3	1	1	
118713	PL.502	B	Consumer	14.53Y	121.1	0.00	4.88	0.50	0	7	2	96	0.00	0.0	4.607	0.000	7	2	1	1	
118715	PL.502	B	Consumer	14.53Y	121.1	0.00	4.88	0.75	0	10	4	93	0.00	0.0	4.607	0.000	10	4	1	1	
118714	PL.8875	B	Consumer	14.53Y	121.1	0.00	4.88	0.57	0	8	3	94	0.00	0.0	4.574	0.000	8	3	1	1	
118719	PL.8875	B	Consumer	14.53Y	121.1	0.00	4.88	0.70	0	10	3	96	0.00	0.0	4.574	0.000	10	3	1	1	
118717	PL.8875	B	Consumer	14.53Y	121.1	0.00	4.88	0.76	0	10	4	93	0.00	0.0	4.574	0.000	10	4	1	1	
PL.731	PL.8874	B	4ACSR	14.54Y	121.1	0.00	4.87	0.29	0	4	1	97	0.00	0.0	4.585	0.073	0	0	0	1	
118709	PL.731	B	Consumer	14.54Y	121.1	0.00	4.87	0.29	0	4	1	97	0.00	0.0	4.585	0.000	4	1	1	1	
PL.730	PL.8874	B	4ACSR	14.54Y	121.1	0.00	4.87	1.02	1	14	5	94	0.00	0.0	4.568	0.055	0	0	0	1	
118708	PL.730	B	Consumer	14.54Y	121.1	0.00	4.87	1.02	0	14	5	94	0.00	0.0	4.568	0.000	14	5	1	1	
118707	PL.8873	B	Consumer	14.54Y	121.1	0.00	4.87	0.41	0	6	2	95	0.00	0.0	4.474	0.000	6	2	1	1	
PL.5452	PL.8872	B	4ACSR	14.54Y	121.1	0.00	4.85	1.70	1	23	8	94	0.00	0.0	4.442	0.044	0	0	0	3	
PL.5453	PL.5452	B	4ACSR	14.54Y	121.1	0.00	4.86	0.83	1	11	4	94	0.00	0.0	4.546	0.105	0	0	0	2	
118706	PL.5453	B	Consumer	14.54Y	121.1	0.00	4.86	0.55	0	8	3	94	0.00	0.0	4.546	0.000	8	3	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
118702	PL.5453	B	Consumer	14.54Y	121.1	0.00	4.86	0.28	0	4	1	97	0.00	0.0	4.546	0.000	4	1	1	1
118721	PL.5452	B	Consumer	14.54Y	121.1	0.00	4.85	0.87	0	12	4	95	0.00	0.0	4.442	0.000	12	4	1	1
PL.27428	PL.8657	B	4ACSR	14.55Y	121.2	0.00	4.79	11.29	9	155	55	94	0.00	0.0	4.116	0.013	0	0	0	23
PD.61-A	PL.27428	B	Closed	14.55Y	121.2	0.00	4.79	11.29	0	155	55	94	0.00	0.0	4.116	0.000	0	0	0	23
PD.61-B	PD.61-A	B	Closed	14.55Y	121.2	0.00	4.79	11.29	0	155	55	94	0.00	0.0	4.116	0.000	0	0	0	23
PL.27429	PD.61-B	B	4ACSR	14.54Y	121.2	0.02	4.81	11.29	9	155	55	94	0.03	0.0	4.209	0.093	0	0	0	23
PL.7788	PL.27429	B	4ACSR	14.54Y	121.1	0.04	4.86	11.29	9	155	54	94	0.05	0.0	4.374	0.165	0	0	0	23
658001	PL.7788	B	Consumer	14.54Y	121.1	0.00	4.86	0.00	0	0	0	100	0.00	0.0	4.374	0.000	0	0	1	1
PL.7789	PL.7788	B	4ACSR	14.53Y	121.1	0.04	4.90	11.29	9	155	54	94	0.05	0.0	4.534	0.160	0	0	0	22
PL.7790	PL.7789	B	4ACSR	14.53Y	121.1	0.03	4.92	10.36	9	142	50	94	0.03	0.0	4.645	0.112	0	0	0	21
657802	PL.7790	B	Consumer	14.53Y	121.1	0.00	4.92	0.57	0	8	3	94	0.00	0.0	4.645	0.000	8	3	1	1
PL.24354	PL.7790	B	4ACSR	14.53Y	121.1	0.00	4.92	0.00	0	0	0	100	0.00	0.0	4.749	0.104	0	0	0	1
656701	PL.24354	B	Consumer	14.53Y	121.1	0.00	4.92	0.00	0	0	0	100	0.00	0.0	4.749	0.000	0	0	1	1
PL.8867	PL.7790	B	4ACSR	14.53Y	121.1	0.00	4.93	3.16	3	43	15	94	0.00	0.0	4.685	0.040	0	0	0	7
PL.8868	PL.8867	B	4ACSR	14.53Y	121.1	0.00	4.93	2.30	2	32	11	95	0.00	0.0	4.725	0.040	0	0	0	5
PL.21868	PL.8868	B	4ACSR	14.53Y	121.1	0.00	4.93	2.30	2	32	11	95	0.00	0.0	4.764	0.039	0	0	0	5
658802	PL.21868	B	Consumer	14.53Y	121.1	0.00	4.93	0.52	0	7	2	96	0.00	0.0	4.764	0.000	7	2	1	1
658803	PL.21868	B	Consumer	14.53Y	121.1	0.00	4.93	0.59	0	8	3	94	0.00	0.0	4.764	0.000	8	3	1	1
PL.21908	PL.21868	B	4ACSR	14.53Y	121.1	0.00	4.93	1.19	1	16	6	94	0.00	0.0	4.804	0.039	0	0	0	3
PL.8869	PL.21908	B	4ACSR	14.53Y	121.1	0.00	4.93	0.66	1	9	3	95	0.00	0.0	4.843	0.040	0	0	0	2
659802	PL.8869	B	Consumer	14.53Y	121.1	0.00	4.93	0.21	0	3	1	95	0.00	0.0	4.843	0.000	3	1	1	1
PL.7799	PL.8869	B	4ACSR	14.53Y	121.1	0.00	4.93	0.45	0	6	2	95	0.00	0.0	4.876	0.033	0	0	0	1
PL.7798	PL.7799	B	4ACSR	14.53Y	121.1	0.00	4.93	0.45	0	6	2	95	0.00	0.0	4.880	0.003	0	0	0	1
PL.8870	PL.7798	B	4ACSR	14.53Y	121.1	0.00	4.93	0.45	0	6	2	95	0.00	0.0	4.933	0.054	0	0	0	1
PL.8871	PL.8870	B	4ACSR	14.53Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	4.970	0.037	0	0	0	0
118720	PL.8870	B	Consumer	14.53Y	121.1	0.00	4.93	0.45	0	6	2	95	0.00	0.0	4.933	0.000	6	2	1	1
659801	PL.21908	B	Consumer	14.53Y	121.1	0.00	4.93	0.53	0	7	3	92	0.00	0.0	4.804	0.000	7	3	1	1
657803	PL.8867	B	Consumer	14.53Y	121.1	0.00	4.93	0.38	0	5	2	93	0.00	0.0	4.685	0.000	5	2	1	1
657801	PL.8867	B	Consumer	14.53Y	121.1	0.00	4.93	0.48	0	7	2	96	0.00	0.0	4.685	0.000	7	2	1	1
PL.27835	PL.7790	B	4ACSR	14.53Y	121.1	0.01	4.93	6.64	6	91	32	94	0.00	0.0	4.684	0.039	0	0	0	12
656804	PL.27835	B	Consumer	14.53Y	121.1	0.00	4.93	0.62	0	9	3	95	0.00	0.0	4.684	0.000	9	3	1	1
656803	PL.27835	B	Consumer	14.53Y	121.1	0.00	4.93	0.00	0	0	0	100	0.00	0.0	4.684	0.000	0	0	0	0
PL.27836	PL.27835	B	4ACSR	14.53Y	121.1	0.01	4.94	6.01	5	82	29	94	0.00	0.0	4.734	0.050	0	0	0	11
PL.7800	PL.27836	B	4ACSR	14.53Y	121.1	0.01	4.94	6.01	5	82	29	94	0.00	0.0	4.774	0.040	0	0	0	11
PL.8658	PL.7800	B	4ACSR	14.53Y	121.1	0.00	4.95	4.71	4	65	23	94	0.00	0.0	4.815	0.041	0	0	0	8
PL.8659	PL.8658	B	4ACSR	14.53Y	121.0	0.00	4.95	4.25	4	58	20	95	0.00	0.0	4.849	0.034	0	0	0	7
656703	PL.8659	B	Consumer	14.53Y	121.0	0.00	4.95	0.33	0	4	2	89	0.00	0.0	4.849	0.000	4	2	1	1
PL.8660	PL.8659	B	4ACSR	14.53Y	121.0	0.00	4.95	3.92	3	54	19	94	0.00	0.0	4.889	0.040	0	0	0	6

Unbalanced Voltage Drop Report
Source: UNION 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
656705	PL.8660	B	Consumer	14.53Y	121.0	0.00	4.95	0.39	0	5	2	93	0.00	0.0	4.889	0.000	5	2	1	1
PL.8861	PL.8660	B	4ACSR	14.52Y	121.0	0.00	4.96	3.53	3	48	17	94	0.00	0.0	4.945	0.056	0	0	0	5
656702	PL.8861	B	Consumer	14.52Y	121.0	0.00	4.96	0.57	0	8	3	94	0.00	0.0	4.945	0.000	8	3	1	1
PL.8862	PL.8861	B	4ACSR	14.52Y	121.0	0.00	4.96	2.96	2	41	14	95	0.00	0.0	4.985	0.039	0	0	0	4
657603	PL.8862	B	Consumer	14.52Y	121.0	0.00	4.96	0.59	0	8	3	94	0.00	0.0	4.985	0.000	8	3	1	1
PL.8863	PL.8862	B	4ACSR	14.52Y	121.0	0.00	4.96	2.37	2	32	11	95	0.00	0.0	5.024	0.039	0	0	0	3
657602	PL.8863	B	Consumer	14.52Y	121.0	0.00	4.96	0.84	0	12	4	95	0.00	0.0	5.024	0.000	12	4	1	1
PL.8864	PL.8863	B	4ACSR	14.52Y	121.0	0.00	4.96	1.53	1	21	7	95	0.00	0.0	5.063	0.039	0	0	0	2
6576004	PL.8864	B	Consumer	14.52Y	121.0	0.00	4.96	0.89	0	12	4	95	0.00	0.0	5.063	0.000	12	4	1	1
PL.8865	PL.8864	B	4ACSR	14.52Y	121.0	0.00	4.97	0.63	1	9	3	95	0.00	0.0	5.102	0.039	0	0	0	1
PL.8866	PL.8865	B	4ACSR	14.52Y	121.0	0.00	4.97	0.00	0	0	0	100	0.00	0.0	5.163	0.061	0	0	0	0
657601	PL.8865	B	Consumer	14.52Y	121.0	0.00	4.97	0.63	0	9	3	95	0.00	0.0	5.102	0.000	9	3	1	1
656802	PL.8658	B	Consumer	14.53Y	121.1	0.00	4.95	0.46	0	6	2	95	0.00	0.0	4.815	0.000	6	2	1	1
655807	PL.8658	B	Consumer	14.53Y	121.1	0.00	4.95	0.00	0	0	0	100	0.00	0.0	4.815	0.000	0	0	0	0
655804	PL.7800	B	Consumer	14.53Y	121.1	0.00	4.94	0.17	0	2	1	89	0.00	0.0	4.774	0.000	2	1	1	1
655805	PL.7800	B	Consumer	14.53Y	121.1	0.00	4.94	0.48	0	7	2	96	0.00	0.0	4.774	0.000	7	2	1	1
656801	PL.7800	B	Consumer	14.53Y	121.1	0.00	4.94	0.65	0	9	3	95	0.00	0.0	4.774	0.000	9	3	1	1
657901	PL.7789	B	Consumer	14.53Y	121.1	0.00	4.90	0.93	0	13	4	96	0.00	0.0	4.534	0.000	13	4	1	1
117891	PL.21665	B	Consumer	14.57Y	121.4	0.00	4.56	0.02	0	0	0	100	0.00	0.0	3.641	0.000	0	0	1	1
117874	PL.21665	B	Consumer	14.57Y	121.4	0.00	4.56	0.78	0	11	4	94	0.00	0.0	3.641	0.000	11	4	1	1
PL.36756	PL.17580	B	4ACSR	14.58Y	121.5	0.00	4.52	3.69	3	51	18	94	0.00	0.0	3.572	0.007	0	0	0	10
PL.36757	PL.36756	B	4ACSR	14.58Y	121.5	0.01	4.53	3.69	3	51	18	94	0.00	0.0	3.658	0.086	0	0	0	10
PL.17581	PL.36757	B	4ACSR	14.58Y	121.5	0.00	4.53	1.37	1	19	7	94	0.00	0.0	3.659	0.001	0	0	0	4
117825	PL.17581	B	Consumer	14.58Y	121.5	0.00	4.53	0.02	0	0	0	100	0.00	0.0	3.659	0.000	0	0	1	1
PL.4755	PL.17581	B	4ACSR	14.58Y	121.5	0.00	4.53	1.35	1	19	7	94	0.00	0.0	3.688	0.029	0	0	0	3
PL.5466	PL.4755	B	4ACSR	14.58Y	121.5	0.00	4.53	0.55	0	8	3	94	0.00	0.0	3.721	0.033	0	0	0	1
PL.4752	PL.5466	B	4ACSR	14.58Y	121.5	0.00	4.53	0.00	0	0	0	100	0.00	0.0	3.722	0.001	0	0	0	0
117892	PL.5466	B	Consumer	14.58Y	121.5	0.00	4.53	0.55	0	8	3	94	0.00	0.0	3.721	0.000	8	3	1	1
117881	PL.4755	B	Consumer	14.58Y	121.5	0.00	4.53	0.22	0	3	1	95	0.00	0.0	3.688	0.000	3	1	1	1
117880	PL.4755	B	Consumer	14.58Y	121.5	0.00	4.53	0.57	0	8	3	94	0.00	0.0	3.688	0.000	8	3	1	1
PL.27425	PL.36757	B	4ACSR	14.58Y	121.5	0.00	4.53	2.32	2	32	11	95	0.00	0.0	3.730	0.072	0	0	0	6
PL.27426	PL.27425	B	4ACSR	14.58Y	121.5	0.00	4.53	2.32	2	32	11	95	0.00	0.0	3.737	0.007	0	0	0	6
PD.876-A	PL.27426	B	Closed	14.58Y	121.5	0.00	4.53	2.32	0	32	11	95	0.00	0.0	3.737	0.000	0	0	0	6
PD.876-B	PD.876-A	B	Closed	14.58Y	121.5	0.00	4.53	2.32	0	32	11	95	0.00	0.0	3.737	0.000	0	0	0	6
PL.27427	PD.876-B	B	4ACSR	14.58Y	121.5	0.01	4.54	2.32	2	32	11	95	0.00	0.0	3.859	0.122	0	0	0	6
PL.734	PL.27427	B	4ACSR	14.57Y	121.5	0.01	4.55	2.15	2	29	10	95	0.00	0.0	4.049	0.191	0	0	0	5
PL.735	PL.734	B	4ACSR	14.57Y	121.4	0.00	4.55	2.15	2	29	10	95	0.00	0.0	4.144	0.094	0	0	0	5
118803	PL.735	B	Consumer	14.57Y	121.4	0.00	4.55	0.29	0	4	1	97	0.00	0.0	4.144	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: UNION 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: UNION 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
PL.17672	PL.17675	B	4ACSR	14.69Y	122.4	0.00	3.59	12.92	11	179	64	94	0.01	0.0	2.798	0.016	0	0	0	20
PL.45469	PL.17672	B	4ACSR	14.69Y	122.4	0.00	3.59	12.92	11	179	64	94	0.00	0.0	2.800	0.003	0	0	0	20
PD.63-A	PL.45469	B	Closed	14.69Y	122.4	0.00	3.59	12.92	0	179	64	94	0.00	0.0	2.800	0.000	0	0	0	20
PD.63-B	PD.63-A	B	Closed	14.69Y	122.4	0.00	3.59	12.92	0	179	64	94	0.00	0.0	2.800	0.000	0	0	0	20
PL.45470	PD.63-B	B	4ACSR	14.69Y	122.4	0.01	3.61	12.92	11	179	64	94	0.02	0.0	2.847	0.047	0	0	0	20
PL.9039	PL.45470	B	4ACSR	14.68Y	122.4	0.03	3.64	12.68	11	175	63	94	0.04	0.0	2.945	0.097	0	0	0	18
PL.9040	PL.9039	B	4ACSR	14.68Y	122.4	0.00	3.64	0.00	0	0	0	100	0.00	0.0	2.946	0.002	0	0	0	0
117805	PL.9040	B	Consumer	14.68Y	122.4	0.00	3.64	0.00	0	0	0	100	0.00	0.0	2.946	0.000	0	0	0	0
117842	PL.9040	B	Consumer	14.68Y	122.4	0.00	3.64	0.00	0	0	0	100	0.00	0.0	2.946	0.000	0	0	0	0
PL.9041	PL.9039	B	4ACSR	14.68Y	122.4	0.01	3.64	7.28	6	101	35	94	0.01	0.0	2.992	0.047	0	0	0	11
117815	PL.9041	B	Consumer	14.68Y	122.4	0.00	3.64	1.07	0	15	5	95	0.00	0.0	2.992	0.000	15	5	1	1
PL.749	PL.9041	B	4ACSR	14.68Y	122.3	0.01	3.65	6.21	5	86	30	94	0.00	0.0	3.046	0.054	0	0	0	10
PL.9042	PL.749	B	4ACSR	14.68Y	122.3	0.00	3.65	0.56	0	8	3	94	0.00	0.0	3.096	0.050	0	0	0	1
PL.748	PL.9042	B	4ACSR	14.68Y	122.3	0.00	3.65	0.56	0	8	3	94	0.00	0.0	3.145	0.049	0	0	0	1
117840	PL.748	B	Consumer	14.68Y	122.3	0.00	3.65	0.56	0	8	3	94	0.00	0.0	3.145	0.000	8	3	1	1
117841	PL.748	B	Consumer	14.68Y	122.3	0.00	3.65	0.00	0	0	0	100	0.00	0.0	3.145	0.000	0	0	0	0
PL.747	PL.749	B	4ACSR	14.68Y	122.3	0.00	3.65	1.20	1	17	6	94	0.00	0.0	3.101	0.055	0	0	0	2
117844	PL.747	B	Consumer	14.68Y	122.3	0.00	3.65	0.83	0	12	4	95	0.00	0.0	3.101	0.000	12	4	1	1
117851	PL.747	B	Consumer	14.68Y	122.3	0.00	3.65	0.36	0	5	2	93	0.00	0.0	3.101	0.000	5	2	1	1
PL.9043	PL.749	B	4ACSR	14.68Y	122.3	0.00	3.65	4.45	4	62	22	94	0.00	0.0	3.087	0.041	0	0	0	7
PL.746	PL.9043	B	4ACSR	14.68Y	122.3	0.00	3.66	0.35	0	5	2	93	0.00	0.0	3.142	0.055	0	0	0	1
117848	PL.746	B	Consumer	14.68Y	122.3	0.00	3.66	0.35	0	5	2	93	0.00	0.0	3.142	0.000	5	2	1	1
PL.9044	PL.9043	B	4ACSR	14.68Y	122.3	0.00	3.66	4.10	3	57	20	94	0.00	0.0	3.106	0.020	0	0	0	6
PL.9045	PL.9044	B	4ACSR	14.68Y	122.3	0.00	3.66	1.99	2	28	10	94	0.00	0.0	3.122	0.016	0	0	0	3
PL.4749	PL.9045	B	4ACSR	14.68Y	122.3	0.00	3.66	1.27	1	18	6	95	0.00	0.0	3.166	0.045	0	0	0	2
117843	PL.4749	B	Consumer	14.68Y	122.3	0.00	3.66	0.20	0	3	1	95	0.00	0.0	3.166	0.000	3	1	1	1
117853	PL.4749	B	Consumer	14.68Y	122.3	0.00	3.66	1.07	0	15	5	95	0.00	0.0	3.166	0.000	15	5	1	1
117854	PL.9045	B	Consumer	14.68Y	122.3	0.00	3.66	0.72	0	10	4	93	0.00	0.0	3.122	0.000	10	4	1	1
PL.750	PL.9044	B	4ACSR	14.68Y	122.3	0.01	3.66	2.12	2	29	10	95	0.00	0.0	3.221	0.115	0	0	0	3
117861	PL.750	B	Consumer	14.68Y	122.3	0.00	3.66	0.63	0	9	3	95	0.00	0.0	3.221	0.000	9	3	1	1
117857	PL.750	B	Consumer	14.68Y	122.3	0.00	3.66	0.76	0	11	4	94	0.00	0.0	3.221	0.000	11	4	1	1
PL.758	PL.750	B	4ACSR	14.68Y	122.3	0.00	3.66	0.72	1	10	4	93	0.00	0.0	3.259	0.038	0	0	0	1
117860	PL.758	B	Consumer	14.68Y	122.3	0.00	3.66	0.00	0	0	0	100	0.00	0.0	3.259	0.000	0	0	0	0
1178100	PL.758	B	Consumer	14.68Y	122.3	0.00	3.66	0.72	0	10	4	93	0.00	0.0	3.259	0.000	10	4	1	1
PL.9046	PL.9039	B	4ACSR	14.68Y	122.4	0.01	3.65	4.51	4	62	23	94	0.01	0.0	3.074	0.130	0	0	0	6
PL.9047	PL.9046	B	4ACSR	14.68Y	122.3	0.00	3.65	2.30	2	32	12	94	0.00	0.0	3.148	0.073	0	0	0	4
PL.9048	PL.9047	B	4ACSR	14.68Y	122.3	0.00	3.66	0.70	1	10	3	96	0.00	0.0	3.349	0.201	0	0	0	1
117833	PL.9048	B	Consumer	14.68Y	122.3	0.00	3.66	0.70	0	10	3	96	0.00	0.0	3.349	0.000	10	3	1	1

Unbalanced Voltage Drop Report
Source: UNION 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.738	PL.9047	B	4ACSR	14.68Y	122.3	0.00	3.66	1.36	1	19	7	94	0.00	0.0	3.236	0.088	0	0	0	2
117831	PL.738	B	Consumer	14.68Y	122.3	0.00	3.66	0.51	0	7	3	92	0.00	0.0	3.236	0.000	7	3	1	1
117826	PL.738	B	Consumer	14.68Y	122.3	0.00	3.66	0.85	0	12	4	95	0.00	0.0	3.236	0.000	12	4	1	1
117801	PL.9047	B	Consumer	14.68Y	122.3	0.00	3.65	0.24	0	3	1	95	0.00	0.0	3.148	0.000	3	1	1	1
PL.5463	PL.9046	B	4ACSR	14.68Y	122.3	0.00	3.65	2.21	2	31	11	94	0.00	0.0	3.165	0.091	0	0	0	2
PL.5464	PL.5463	B	4ACSR	14.68Y	122.3	0.00	3.65	0.80	1	11	4	94	0.00	0.0	3.219	0.054	0	0	0	1
117828	PL.5464	B	Consumer	14.68Y	122.3	0.00	3.65	0.80	0	11	4	94	0.00	0.0	3.219	0.000	11	4	1	1
117837	PL.5463	B	Consumer	14.68Y	122.3	0.00	3.65	1.42	0	20	7	94	0.00	0.0	3.165	0.000	20	7	1	1
PL.759	PL.9039	B	4ACSR	14.68Y	122.4	0.00	3.64	0.89	1	12	4	95	0.00	0.0	2.993	0.049	0	0	0	1
117862	PL.759	B	Consumer	14.68Y	122.4	0.00	3.64	0.89	0	12	4	95	0.00	0.0	2.993	0.000	12	4	1	1
1178105	PL.45470	B	Consumer	14.69Y	122.4	0.00	3.61	0.00	0	0	0	100	0.00	0.0	2.847	0.000	0	0	0	0
PL.745	PL.45470	B	4ACSR	14.69Y	122.4	0.00	3.61	0.24	0	3	1	95	0.00	0.0	2.880	0.033	0	0	0	2
117896	PL.745	B	Consumer	14.69Y	122.4	0.00	3.61	0.01	0	0	0	100	0.00	0.0	2.880	0.000	0	0	1	1
117804	PL.745	B	Consumer	14.69Y	122.4	0.00	3.61	0.23	0	3	1	95	0.00	0.0	2.880	0.000	3	1	1	1
PL.17670	PL.19612	B	4ACSR	14.70Y	122.5	0.00	3.53	0.19	0	3	1	95	0.00	0.0	2.638	0.017	0	0	0	1
PD.874	PL.17670	B	fuse6AMP	14.70Y	122.5	0.00	3.53	0.19	3	3	1	95	0.00	0.0	2.638	0.000	0	0	0	1
PL.17671	PD.874	B	4ACSR	14.70Y	122.5	0.00	3.53	0.19	0	3	1	95	0.00	0.0	2.685	0.047	0	0	0	1
PL.751	PL.17671	B	4ACSR	14.70Y	122.5	0.00	3.53	0.19	0	3	1	95	0.00	0.0	2.764	0.079	0	0	0	1
117858	PL.751	B	Consumer	14.70Y	122.5	0.00	3.53	0.19	0	3	1	95	0.00	0.0	2.764	0.000	3	1	1	1
117830	PL.19612	B	Consumer	14.70Y	122.5	0.00	3.53	0.13	0	2	1	89	0.00	0.0	2.621	0.000	2	1	1	1
117813	PL.19611	B	Consumer	14.70Y	122.5	0.00	3.52	0.18	0	3	1	95	0.00	0.0	2.579	0.000	3	1	1	1
PL.32743	PL.19611	B	4ACSR	14.70Y	122.5	0.00	3.52	0.32	0	4	2	89	0.00	0.0	2.605	0.026	0	0	0	1
1178101	PL.32743	B	Consumer	14.70Y	122.5	0.00	3.52	0.32	0	4	2	89	0.00	0.0	2.605	0.000	4	2	1	1
117818	PL.17665	B	Consumer	14.70Y	122.5	0.00	3.50	0.36	0	5	2	93	0.00	0.0	2.524	0.000	5	2	1	1
116835	PL.19019	B	Consumer	14.74Y	122.8	0.00	3.18	0.30	0	4	1	97	0.00	0.0	2.325	0.000	4	1	1	1
116823	PL.27811	B	Consumer	14.77Y	123.1	0.00	2.94	0.32	0	4	2	89	0.00	0.0	2.182	0.000	4	2	1	1
116879	PL.27810	B	Consumer	14.77Y	123.1	0.00	2.90	0.04	0	1	0	100	0.00	0.0	2.155	0.000	1	0	1	1
PL.18662	PL.17588	B	4ACSR	14.78Y	123.2	0.00	2.85	0.67	1	9	3	95	0.00	0.0	2.148	0.021	0	0	0	1
PD.867	PL.18662	B	fuse6AMP	14.78Y	123.2	0.00	2.85	0.67	11	9	3	95	0.00	0.0	2.148	0.000	0	0	0	1
PL.18663	PD.867	B	4ACSR	14.78Y	123.1	0.00	2.85	0.67	1	9	3	95	0.00	0.0	2.224	0.077	0	0	0	1
116880	PL.18663	B	Consumer	14.78Y	123.1	0.00	2.85	0.67	0	9	3	95	0.00	0.0	2.224	0.000	9	3	1	1
PL.5402	PL.8557	A	1/0ACSR	14.99Y	124.9	0.03	1.09	56.94	28	803	290	94	0.30	0.0	1.695	0.052	0	0	0	150
		B		14.87Y	124.0	0.02	2.04	41.87	21	587	209	94					0	0	0	78
		C		15.09Y	125.7	0.02	0.26	40.57	20	577	204	94					0	0	0	104
PL.5403	PL.5402	A	1/0ACSR	14.98Y	124.9	0.04	1.13	56.94	28	803	289	94	0.43	0.0	1.769	0.074	0	0	0	150
		B		14.87Y	123.9	0.02	2.07	41.73	21	585	208	94					0	0	0	77
		C		15.09Y	125.7	0.03	0.29	40.57	20	577	204	94					0	0	0	104
PL.37591	PL.5403	C	4ACSR	15.09Y	125.7	0.00	0.29	14.06	12	200	71	94	0.00	0.0	1.772	0.002	0	0	0	38
PD.6151-A	PL.37591	C	Closed	15.09Y	125.7	0.00	0.29	14.06	0	200	71	94	0.00	0.0	1.772	0.000	0	0	0	38
PD.6151-B	PD.6151-A	C	Closed	15.09Y	125.7	0.00	0.29	14.06	0	200	71	94	0.00	0.0	1.772	0.000	0	0	0	38

Unbalanced Voltage Drop Report
Source: UNION 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.37592	PD.6151-B	C	4ACSR	15.09Y	125.7	0.00	0.29	14.06	12	200	71	94	0.00	0.0	1.777	0.006	0	0	0	38
PL.37586	PL.37592	C	4ACSR	15.08Y	125.7	0.00	0.29	14.06	12	200	71	94	0.00	0.0	1.786	0.009	0	0	0	38
PL.5405	PL.37586	C	4ACSR	15.08Y	125.7	0.01	0.31	13.22	11	188	67	94	0.02	0.0	1.836	0.050	0	0	0	35
116829	PL.5405	C	Consumer	15.08Y	125.7	0.00	0.31	0.46	0	7	2	96	0.00	0.0	1.836	0.000	7	2	1	1
116831	PL.5405	C	Consumer	15.08Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	1.836	0.000	0	0	0	0
116839	PL.5405	C	Consumer	15.08Y	125.7	0.00	0.31	0.66	0	9	3	95	0.00	0.0	1.836	0.000	9	3	1	1
116867	PL.5405	C	Consumer	15.08Y	125.7	0.00	0.31	0.46	0	7	2	96	0.00	0.0	1.836	0.000	7	2	1	1
116834	PL.5405	C	Consumer	15.08Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	1.836	0.000	0	0	0	0
116842	PL.5405	C	Consumer	15.08Y	125.7	0.00	0.31	0.08	0	1	0	100	0.00	0.0	1.836	0.000	1	0	1	1
116841	PL.5405	C	Consumer	15.08Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	1.836	0.000	0	0	0	0
PL.5410	PL.5405	C	4ACSR	15.08Y	125.7	0.02	0.33	11.57	10	164	58	94	0.03	0.0	1.928	0.092	0	0	0	31
PL.17589	PL.5410	C	4ACSR	15.08Y	125.7	0.00	0.33	10.48	9	149	53	94	0.00	0.0	1.937	0.008	0	0	0	30
PD.3295	PL.17589	C	35L	15.08Y	125.7	0.00	0.33	10.48	30	149	53	94	0.00	0.0	1.937	0.000	0	0	0	30
PL.17590	PD.3295	C	4ACSR	15.08Y	125.6	0.03	0.36	10.48	9	149	53	94	0.03	0.0	2.063	0.126	0	0	0	30
PL.37597	PL.17590	C	4ACSR	15.08Y	125.6	0.00	0.36	6.16	5	87	31	94	0.00	0.0	2.067	0.005	0	0	0	17
PD.6154-A	PL.37597	C	Closed	15.08Y	125.6	0.00	0.36	6.16	0	87	31	94	0.00	0.0	2.067	0.000	0	0	0	17
PD.6154-B	PD.6154-A	C	Closed	15.08Y	125.6	0.00	0.36	6.16	0	87	31	94	0.00	0.0	2.067	0.000	0	0	0	17
PL.37598	PD.6154-B	C	4ACSR	15.07Y	125.6	0.01	0.38	6.16	5	87	31	94	0.01	0.0	2.152	0.084	0	0	0	17
PL.5419	PL.37598	C	4ACSR	15.07Y	125.6	0.01	0.39	2.65	2	38	13	95	0.00	0.0	2.296	0.144	0	0	0	6
115806	PL.5419	C	Consumer	15.07Y	125.6	0.00	0.39	0.23	0	3	1	95	0.00	0.0	2.296	0.000	3	1	1	1
PL.5420	PL.5419	C	4ACSR	15.07Y	125.6	0.00	0.39	2.42	2	34	12	94	0.00	0.0	2.359	0.064	0	0	0	5
PL.672	PL.5420	C	4ACSR	15.07Y	125.6	0.00	0.39	0.31	0	4	2	89	0.00	0.0	2.491	0.132	0	0	0	1
115807	PL.672	C	Consumer	15.07Y	125.6	0.00	0.39	0.31	0	4	2	89	0.00	0.0	2.491	0.000	4	2	1	1
PL.670	PL.5420	C	4ACSR	15.07Y	125.6	0.00	0.39	0.12	0	2	1	89	0.00	0.0	2.440	0.080	0	0	0	1
115839	PL.670	C	Consumer	15.07Y	125.6	0.00	0.39	0.12	0	2	1	89	0.00	0.0	2.440	0.000	2	1	1	1
PL.671	PL.5420	C	4ACSR	15.07Y	125.6	0.00	0.39	0.75	1	11	4	94	0.00	0.0	2.456	0.097	0	0	0	2
115808	PL.671	C	Consumer	15.07Y	125.6	0.00	0.39	0.40	0	6	2	95	0.00	0.0	2.456	0.000	6	2	1	1
115821	PL.671	C	Consumer	15.07Y	125.6	0.00	0.39	0.35	0	5	2	93	0.00	0.0	2.456	0.000	5	2	1	1
PL.679	PL.5420	C	4ACSR	15.07Y	125.6	0.00	0.39	1.23	1	17	6	94	0.00	0.0	2.504	0.145	0	0	0	1
115832	PL.679	C	Consumer	15.07Y	125.6	0.00	0.39	1.23	0	17	6	94	0.00	0.0	2.504	0.000	17	6	1	1
PL.23679	PL.37598	C	4ACSR	15.07Y	125.6	0.01	0.39	3.51	3	50	18	94	0.00	0.0	2.275	0.123	0	0	0	11
PL.695	PL.23679	C	4ACSR	15.07Y	125.6	0.00	0.39	0.87	1	12	4	95	0.00	0.0	2.360	0.085	0	0	0	2
115871	PL.695	C	Consumer	15.07Y	125.6	0.00	0.39	0.49	0	7	2	96	0.00	0.0	2.360	0.000	7	2	1	1
115864	PL.695	C	Consumer	15.07Y	125.6	0.00	0.39	0.38	0	5	2	93	0.00	0.0	2.360	0.000	5	2	1	1
PL.23681	PL.23679	C	4ACSR	15.07Y	125.6	0.00	0.39	0.16	0	2	1	89	0.00	0.0	2.383	0.108	0	0	0	1
115809	PL.23681	C	Consumer	15.07Y	125.6	0.00	0.39	0.16	0	2	1	89	0.00	0.0	2.383	0.000	2	1	1	1
PL.677	PL.23679	C	4ACSR	15.07Y	125.6	0.00	0.39	0.99	1	14	5	94	0.00	0.0	2.397	0.122	0	0	0	3
PL.23677	PL.677	C	4ACSR	15.07Y	125.6	0.00	0.39	0.63	1	9	3	95	0.00	0.0	2.469	0.072	0	0	0	1

Unbalanced Voltage Drop Report
Source: UNION 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
1158071	PL.23677	C	Consumer	15.07Y	125.6	0.00	0.39	0.00	0	0	0	100	0.00	0.0	2.469	0.000	0	0	0	0
115836	PL.23677	C	Consumer	15.07Y	125.6	0.00	0.39	0.63	0	9	3	95	0.00	0.0	2.469	0.000	9	3	1	1
115831	PL.677	C	Consumer	15.07Y	125.6	0.00	0.39	0.29	0	4	1	97	0.00	0.0	2.397	0.000	4	1	1	1
115840	PL.677	C	Consumer	15.07Y	125.6	0.00	0.39	0.07	0	1	0	100	0.00	0.0	2.397	0.000	1	0	1	1
PL.23680	PL.23679	C	4ACSR	15.07Y	125.6	0.00	0.39	1.22	1	17	6	94	0.00	0.0	2.380	0.105	0	0	0	4
PL.693	PL.23680	C	4ACSR	15.07Y	125.6	0.00	0.39	1.20	1	17	6	94	0.00	0.0	2.440	0.060	0	0	0	3
PL.5428	PL.693	C	4ACSR	15.07Y	125.6	0.00	0.39	0.51	0	7	3	92	0.00	0.0	2.440	0.000	0	0	0	2
PL.5429	PL.5428	C	4ACSR	15.07Y	125.6	0.00	0.39	0.51	0	7	3	92	0.00	0.0	2.499	0.060	0	0	0	2
115868	PL.5429	C	Consumer	15.07Y	125.6	0.00	0.39	0.09	0	1	1	71	0.00	0.0	2.499	0.000	1	1	1	1
115863	PL.5429	C	Consumer	15.07Y	125.6	0.00	0.39	0.42	0	6	2	95	0.00	0.0	2.499	0.000	6	2	1	1
115860	PL.693	C	Consumer	15.07Y	125.6	0.00	0.39	0.69	0	10	3	96	0.00	0.0	2.440	0.000	10	3	1	1
115826	PL.23680	C	Consumer	15.07Y	125.6	0.00	0.39	0.03	0	0	0	100	0.00	0.0	2.380	0.000	0	0	1	1
PL.694	PL.23679	C	4ACSR	15.07Y	125.6	0.00	0.39	0.27	0	4	1	97	0.00	0.0	2.329	0.054	0	0	0	1
115861	PL.694	C	Consumer	15.07Y	125.6	0.00	0.39	0.27	0	4	1	97	0.00	0.0	2.329	0.000	4	1	1	1
PL.37601	PL.17590	C	4ACSR	15.08Y	125.6	0.00	0.36	1.46	1	21	7	95	0.00	0.0	2.066	0.003	0	0	0	3
PD.6156	PL.37601	C	fuse6AMP	15.08Y	125.6	0.00	0.36	1.46	25	21	7	95	0.00	0.0	2.066	0.000	0	0	0	3
PL.37602	PD.6156	C	4ACSR	15.08Y	125.6	0.00	0.37	1.46	1	21	7	95	0.00	0.0	2.121	0.055	0	0	0	3
115859	PL.37602	C	Consumer	15.08Y	125.6	0.00	0.37	1.01	0	14	5	94	0.00	0.0	2.121	0.000	14	5	1	1
115825	PL.37602	C	Consumer	15.08Y	125.6	0.00	0.37	0.14	0	2	1	89	0.00	0.0	2.121	0.000	2	1	1	1
115823	PL.37602	C	Consumer	15.08Y	125.6	0.00	0.37	0.31	0	4	2	89	0.00	0.0	2.121	0.000	4	2	1	1
PL.37599	PL.17590	C	4ACSR	15.08Y	125.6	0.00	0.36	2.86	2	41	14	95	0.00	0.0	2.070	0.008	0	0	0	10
PD.6155-A	PL.37599	C	Closed	15.08Y	125.6	0.00	0.36	2.86	0	41	14	95	0.00	0.0	2.070	0.000	0	0	0	10
PD.6155-B	PD.6155-A	C	Closed	15.08Y	125.6	0.00	0.36	2.86	0	41	14	95	0.00	0.0	2.070	0.000	0	0	0	10
PL.37600	PD.6155-B	C	4ACSR	15.08Y	125.6	0.01	0.37	2.86	2	41	14	95	0.00	0.0	2.149	0.079	0	0	0	10
115829	PL.37600	C	Consumer	15.08Y	125.6	0.00	0.37	0.04	0	1	0	100	0.00	0.0	2.149	0.000	1	0	1	1
PL.5414	PL.37600	C	4ACSR	15.08Y	125.6	0.01	0.37	2.82	2	40	14	94	0.00	0.0	2.227	0.078	0	0	0	9
PL.5417	PL.5414	C	4ACSR	15.07Y	125.6	0.01	0.39	2.82	2	40	14	94	0.00	0.0	2.422	0.194	0	0	0	9
115804	PL.5417	C	Consumer	15.07Y	125.6	0.00	0.39	0.25	0	4	1	97	0.00	0.0	2.422	0.000	4	1	1	1
PL.678	PL.5417	C	4ACSR	15.07Y	125.6	0.01	0.39	1.86	2	26	9	94	0.00	0.0	2.596	0.174	0	0	0	4
115802	PL.678	C	Consumer	15.07Y	125.6	0.00	0.39	0.46	0	6	2	95	0.00	0.0	2.596	0.000	6	2	1	1
115841	PL.678	C	Consumer	15.07Y	125.6	0.00	0.39	0.33	0	5	2	93	0.00	0.0	2.596	0.000	5	2	1	1
115845	PL.678	C	Consumer	15.07Y	125.6	0.00	0.39	0.34	0	5	2	93	0.00	0.0	2.596	0.000	5	2	1	1
PL.673	PL.678	C	4ACSR	15.07Y	125.6	0.00	0.40	0.74	1	10	4	93	0.00	0.0	2.656	0.060	0	0	0	1
115852	PL.673	C	Consumer	15.07Y	125.6	0.00	0.40	0.74	0	10	4	93	0.00	0.0	2.656	0.000	10	4	1	1
PL.5418	PL.5417	C	4ACSR	15.07Y	125.6	0.00	0.39	0.71	1	10	4	93	0.00	0.0	2.424	0.003	0	0	0	4
PL.17570	PL.5418	C	4ACSR	15.07Y	125.6	0.01	0.39	0.71	1	10	4	93	0.00	0.0	2.741	0.317	0	0	0	4
PL.627	PL.17570	C	4ACSR	15.07Y	125.6	0.00	0.39	0.29	0	4	1	97	0.00	0.0	2.828	0.087	0	0	0	3
115712	PL.627	C	Consumer	15.07Y	125.6	0.00	0.39	0.29	0	4	1	97	0.00	0.0	2.828	0.000	4	1	1	1

Unbalanced Voltage Drop Report
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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
115728	PL.627	C	Consumer	15.07Y	125.6	0.00	0.39	0.00	0	0	0	100	0.00	0.0	2.828	0.000	0	0	1	1
PL.625	PL.627	C	4ACSR	15.07Y	125.6	0.00	0.39	0.00	0	0	0	100	0.00	0.0	2.907	0.079	0	0	0	1
PL.626	PL.625	C	4ACSR	15.07Y	125.6	0.00	0.39	0.00	0	0	0	100	0.00	0.0	2.942	0.035	0	0	0	1
115715	PL.626	C	Consumer	15.07Y	125.6	0.00	0.39	0.00	0	0	0	100	0.00	0.0	2.942	0.000	0	0	1	1
PL.17571	PL.17570	C	4ACSR	15.07Y	125.6	0.00	0.40	0.42	0	6	2	95	0.00	0.0	3.013	0.272	0	0	0	1
115707	PL.17571	C	Consumer	15.07Y	125.6	0.00	0.40	0.42	0	6	2	95	0.00	0.0	3.013	0.000	6	2	1	1
115805	PL.5414	C	Consumer	15.08Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	2.227	0.000	0	0	0	0
116802	PL.5410	C	Consumer	15.08Y	125.7	0.00	0.33	1.09	0	15	5	95	0.00	0.0	1.928	0.000	15	5	1	1
1168103	PL.5410	C	Consumer	15.08Y	125.7	0.00	0.33	0.00	0	0	0	100	0.00	0.0	1.928	0.000	0	0	0	0
116846	PL.37586	C	Consumer	15.08Y	125.7	0.00	0.29	0.20	0	3	1	95	0.00	0.0	1.786	0.000	3	1	1	1
116871	PL.37586	C	Consumer	15.08Y	125.7	0.00	0.29	0.14	0	2	1	89	0.00	0.0	1.786	0.000	2	1	1	1
116847	PL.37586	C	Consumer	15.08Y	125.7	0.00	0.29	0.49	0	7	2	96	0.00	0.0	1.786	0.000	7	2	1	1
PL.22	PL.5403	A	1/0ACSR	14.98Y	124.8	0.03	1.17	56.94	28	803	289	94	0.27	0.0	1.822	0.053	0	0	0	150
		B		14.87Y	123.9	0.02	2.08	41.73	21	585	208	94					0	0	0	77
		C		15.08Y	125.7	0.01	0.30	26.52	13	377	133	94					0	0	0	66
PL.37595	PL.22	C	4ACSR	15.08Y	125.7	0.00	0.30	1.00	1	14	5	94	0.00	0.0	1.826	0.004	0	0	0	6
PD.6153	PL.37595	C	fuse6AMP	15.08Y	125.7	0.00	0.30	1.00	17	14	5	94	0.00	0.0	1.826	0.000	0	0	0	6
PL.37596	PD.6153	C	4ACSR	15.08Y	125.7	0.00	0.30	1.00	1	14	5	94	0.00	0.0	1.828	0.002	0	0	0	6
PL.37588	PL.37596	C	4ACSR	15.08Y	125.7	0.00	0.30	1.00	1	14	5	94	0.00	0.0	1.840	0.012	0	0	0	6
PL.8883	PL.37588	C	4ACSR	15.08Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	1.889	0.049	0	0	0	0
116827	PL.37588	C	Consumer	15.08Y	125.7	0.00	0.30	0.29	0	4	1	97	0.00	0.0	1.840	0.000	4	1	1	1
116899	PL.37588	C	Consumer	15.08Y	125.7	0.00	0.30	0.27	0	4	1	97	0.00	0.0	1.840	0.000	4	1	1	1
116832	PL.37588	C	Consumer	15.08Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	1.840	0.000	0	0	0	0
116828	PL.37588	C	Consumer	15.08Y	125.7	0.00	0.30	0.12	0	2	1	89	0.00	0.0	1.840	0.000	2	1	1	1
116898	PL.37588	C	Consumer	15.08Y	125.7	0.00	0.30	0.10	0	1	0	100	0.00	0.0	1.840	0.000	1	0	1	1
116803	PL.37588	C	Consumer	15.08Y	125.7	0.00	0.30	0.01	0	0	0	100	0.00	0.0	1.840	0.000	0	0	1	1
116864	PL.37588	C	Consumer	15.08Y	125.7	0.00	0.30	0.22	0	3	1	95	0.00	0.0	1.840	0.000	3	1	1	1
PL.5406	PL.22	A	1/0ACSR	14.98Y	124.8	0.01	1.18	18.90	9	267	94	94	0.13	0.0	1.873	0.051	0	0	0	52
		B		14.87Y	123.9	0.02	2.11	41.73	21	585	208	94					0	0	0	77
		C		15.08Y	125.7	0.01	0.31	25.52	13	363	128	94					0	0	0	60
PL.30785	PL.5406	A	1/0ACSR	14.98Y	124.8	0.01	1.18	18.90	9	267	94	94	0.12	0.0	1.922	0.049	0	0	0	52
		B		14.86Y	123.9	0.02	2.13	41.39	21	580	206	94					0	0	0	73
		C		15.08Y	125.7	0.01	0.31	25.52	13	363	128	94					0	0	0	60
PL.30786	PL.30785	A	1/0ACSR	14.98Y	124.8	0.01	1.19	18.90	9	267	94	94	0.14	0.0	1.982	0.060	0	0	0	52
		B		14.86Y	123.8	0.03	2.16	40.68	20	570	202	94					0	0	0	72
		C		15.08Y	125.7	0.01	0.32	25.52	13	363	128	94					0	0	0	60
PL.17591	PL.30786	B	4ACSR	14.86Y	123.8	0.00	2.16	1.03	1	14	5	94	0.00	0.0	1.993	0.011	0	0	0	2
PD.846	PL.17591	B	fuse6AMP	14.86Y	123.8	0.00	2.16	1.03	18	14	5	94	0.00	0.0	1.993	0.000	0	0	0	2
PL.17592	PD.846	B	4ACSR	14.86Y	123.8	0.00	2.16	1.03	1	14	5	94	0.00	0.0	2.041	0.048	0	0	0	2
116830	PL.17592	B	Consumer	14.86Y	123.8	0.00	2.16	0.51	0	7	3	92	0.00	0.0	2.041	0.000	7	3	1	1
115851	PL.17592	B	Consumer	14.86Y	123.8	0.00	2.16	0.52	0	7	3	92	0.00	0.0	2.041	0.000	7	3	1	1
116810	PL.30786	B	Consumer	14.86Y	123.8	0.00	2.16	0.72	0	10	5	89	0.00	0.0	1.982	0.000	10	5	1	1

Unbalanced Voltage Drop Report
Source: UNION 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.21670, PD.3074, PL.22289, etc.

Unbalanced Voltage Drop Report
Source: UNION 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-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF		kW Loss	% Loss			Length (mi)	KW
PL.9275	PL.17679	B	4ACSR	14.80Y	123.3	0.09	2.66	18.06	15	252	89	94	0.18	0.1	3.073	0.228	0	0	0	36
PL.9274	PL.9275	B	4ACSR	14.80Y	123.3	0.04	2.70	17.97	15	251	88	94	0.07	0.0	3.167	0.095	0	0	0	35
PL.8	PL.9274	B	4ACSR	14.79Y	123.3	0.02	2.72	17.97	15	251	88	94	0.04	0.0	3.221	0.054	0	0	0	35
114807	PL.8	B	Consumer	14.79Y	123.3	0.00	2.72	0.87	0	12	4	95	0.00	0.0	3.221	0.000	12	4	1	1
PL.9273	PL.8	B	4ACSR	14.79Y	123.3	0.00	2.72	11.80	10	165	58	94	0.00	0.0	3.223	0.002	0	0	0	24
PL.27503	PL.9273	B	4ACSR	14.79Y	123.3	0.01	2.73	11.80	10	165	58	94	0.01	0.0	3.252	0.029	0	0	0	24
PD.3284	PL.27503	B	25V4E	14.79Y	123.3	0.00	2.73	11.80	47	165	58	94	0.00	0.0	3.252	0.000	0	0	0	24
PL.27504	PD.3284	B	4ACSR	14.78Y	123.2	0.12	2.84	11.80	10	165	58	94	0.14	0.1	3.682	0.430	0	0	0	24
PL.9272	PL.27504	B	4ACSR	14.77Y	123.1	0.04	2.88	11.41	10	159	56	94	0.05	0.0	3.827	0.145	0	0	0	23
PL.23	PL.9272	B	4ACSR	14.77Y	123.1	0.01	2.89	11.41	10	159	56	94	0.01	0.0	3.852	0.025	0	0	0	23
PL.9270	PL.23	B	4ACSR	14.77Y	123.1	0.00	2.89	11.41	10	159	56	94	0.00	0.0	3.864	0.012	0	0	0	23
PL.9271	PL.9270	B	4ACSR	14.76Y	123.0	0.07	2.96	11.16	9	156	55	94	0.08	0.1	4.146	0.281	0	0	0	22
PL.9269	PL.9271	B	4ACSR	14.76Y	123.0	0.03	2.99	10.93	9	152	54	94	0.03	0.0	4.262	0.116	0	0	0	20
115705	PL.9269	B	Consumer	14.76Y	123.0	0.00	2.99	0.79	0	11	4	94	0.00	0.0	4.262	0.000	11	4	1	1
PL.5388	PL.9269	B	4ACSR	14.76Y	123.0	0.01	3.00	10.10	8	141	49	94	0.01	0.0	4.315	0.053	0	0	0	18
PL.21472	PL.5388	B	4ACSR	14.76Y	123.0	0.00	3.00	8.65	7	120	42	94	0.00	0.0	4.332	0.017	0	0	0	16
C PD.3072	PL.21472	B	fuse6AMP	14.76Y	123.0	0.00	3.00	8.65	148	120	42	94	0.00	0.0	4.332	0.000	0	0	0	16 C
PL.21473	PD.3072	B	4ACSR	14.76Y	123.0	0.01	3.01	8.65	7	120	42	94	0.01	0.0	4.380	0.048	0	0	0	16
PL.606	PL.21473	B	4ACSR	14.76Y	123.0	0.00	3.01	8.65	7	120	42	94	0.00	0.0	4.380	0.001	0	0	0	16
PL.9509	PL.606	B	4ACSR	14.75Y	122.9	0.06	3.07	8.65	7	120	42	94	0.05	0.0	4.680	0.299	0	0	0	16
PL.259	PL.9509	B	4ACSR	14.75Y	122.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	4.835	0.155	0	0	0	0
PL.9510	PL.9509	B	4ACSR	14.75Y	122.9	0.02	3.09	8.65	7	120	42	94	0.02	0.0	4.780	0.100	0	0	0	16
PL.9258	PL.9510	B	4ACSR	14.75Y	122.9	0.01	3.10	7.43	6	103	36	94	0.00	0.0	4.813	0.034	0	0	0	13
PL.5077	PL.9258	B	4ACSR	14.75Y	122.9	0.00	3.10	0.46	0	6	2	95	0.00	0.0	4.863	0.050	0	0	0	2
114702	PL.5077	B	Consumer	14.75Y	122.9	0.00	3.10	0.40	0	6	2	95	0.00	0.0	4.863	0.000	6	2	1	1
PL.5076	PL.5077	B	4ACSR	14.75Y	122.9	0.00	3.10	0.06	0	1	0	100	0.00	0.0	4.984	0.120	0	0	0	1
PL.32717	PL.5076	B	4ACSR	14.75Y	122.9	0.00	3.10	0.06	0	1	0	100	0.00	0.0	5.202	0.219	0	0	0	1
1147022	PL.32717	B	Consumer	14.75Y	122.9	0.00	3.10	0.06	0	1	0	100	0.00	0.0	5.202	0.000	1	0	1	1
114712	PL.5076	B	Consumer	14.75Y	122.9	0.00	3.10	0.00	0	0	0	100	0.00	0.0	4.984	0.000	0	0	0	0
PL.467	PL.9258	B	4ACSR	14.75Y	122.9	0.00	3.10	0.14	0	2	1	89	0.00	0.0	4.910	0.096	0	0	0	1
114703	PL.467	B	Consumer	14.75Y	122.9	0.00	3.10	0.14	0	2	1	89	0.00	0.0	4.910	0.000	2	1	1	1
PL.9259	PL.9258	B	4ACSR	14.75Y	122.9	0.02	3.12	6.83	6	95	33	94	0.02	0.0	4.961	0.148	0	0	0	10
PL.9261	PL.9259	B	4ACSR	14.74Y	122.9	0.01	3.14	6.08	5	85	30	94	0.01	0.0	5.065	0.104	0	0	0	9
PL.9262	PL.9261	B	4ACSR	14.74Y	122.8	0.02	3.16	6.08	5	85	30	94	0.01	0.0	5.218	0.153	0	0	0	9
PL.9260	PL.9262	B	4ACSR	14.74Y	122.8	0.00	3.16	0.84	1	12	4	95	0.00	0.0	5.355	0.137	0	0	0	2
113712	PL.9260	B	Consumer	14.74Y	122.8	0.00	3.16	0.84	0	12	4	95	0.00	0.0	5.355	0.000	12	4	1	1
113711	PL.9260	B	Consumer	14.74Y	122.8	0.00	3.16	0.00	0	0	0	100	0.00	0.0	5.355	0.000	0	0	1	1
PL.470	PL.9262	B	4ACSR	14.74Y	122.8	0.01	3.17	5.24	4	73	26	94	0.01	0.0	5.326	0.109	0	0	0	7

Unbalanced Voltage Drop Report
Source: UNION 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
PL.9263	PL.470	B	4ACSR	14.74Y	122.8	0.00	3.17	5.24	4	73	26	94	0.00	0.0	5.345	0.019	0	0	0	7
PL.475	PL.9263	B	4ACSR	14.74Y	122.8	0.00	3.18	0.92	1	13	4	96	0.00	0.0	5.548	0.202	0	0	0	1
113716	PL.475	B	Consumer	14.74Y	122.8	0.00	3.18	0.92	0	13	4	96	0.00	0.0	5.548	0.000	13	4	1	1
114717	PL.9263	B	Consumer	14.74Y	122.8	0.00	3.17	0.82	0	11	4	94	0.00	0.0	5.345	0.000	11	4	1	1
PL.9264	PL.9263	B	4ACSR	14.74Y	122.8	0.00	3.18	3.50	3	49	17	94	0.00	0.0	5.394	0.048	0	0	0	5
PL.4836	PL.9264	B	4ACSR	14.74Y	122.8	0.00	3.18	3.19	3	44	16	94	0.00	0.0	5.394	0.000	0	0	0	4
PL.471	PL.4836	B	4ACSR	14.74Y	122.8	0.00	3.18	3.19	3	44	16	94	0.00	0.0	5.455	0.061	0	0	0	4
114713	PL.471	B	Consumer	14.74Y	122.8	0.00	3.18	0.00	0	0	0	100	0.00	0.0	5.455	0.000	0	0	0	0
PL.469	PL.471	B	4ACSR	14.74Y	122.8	0.01	3.19	3.19	3	44	16	94	0.00	0.0	5.562	0.107	0	0	0	4
114711	PL.469	B	Consumer	14.74Y	122.8	0.00	3.19	0.25	0	3	1	95	0.00	0.0	5.562	0.000	3	1	1	1
PL.9265	PL.469	B	4ACSR	14.74Y	122.8	0.00	3.19	2.95	2	41	14	95	0.00	0.0	5.632	0.070	0	0	0	3
PL.9267	PL.9265	B	4ACSR	14.74Y	122.8	0.01	3.20	1.76	1	24	9	94	0.00	0.0	5.788	0.156	0	0	0	2
PL.9268	PL.9267	B	4ACSR	14.74Y	122.8	0.00	3.20	0.59	0	8	3	94	0.00	0.0	5.944	0.157	0	0	0	1
114718	PL.9268	B	Consumer	14.74Y	122.8	0.00	3.20	0.59	0	8	3	94	0.00	0.0	5.944	0.000	8	3	1	1
PL.476	PL.9267	B	4ACSR	14.74Y	122.8	0.01	3.20	1.16	1	16	6	94	0.00	0.0	5.998	0.210	0	0	0	1
114719	PL.476	B	Consumer	14.74Y	122.8	0.00	3.20	1.16	0	16	6	94	0.00	0.0	5.998	0.000	16	6	1	1
PL.9266	PL.9265	B	4ACSR	14.74Y	122.8	0.00	3.20	1.19	1	17	6	94	0.00	0.0	5.731	0.099	0	0	0	1
114706	PL.9266	B	Consumer	14.74Y	122.8	0.00	3.20	1.19	0	17	6	94	0.00	0.0	5.731	0.000	17	6	1	1
114714	PL.9264	B	Consumer	14.74Y	122.8	0.00	3.18	0.31	0	4	2	89	0.00	0.0	5.394	0.000	4	2	1	1
114708	PL.9264	B	Consumer	14.74Y	122.8	0.00	3.18	0.00	0	0	0	100	0.00	0.0	5.394	0.000	0	0	0	0
PL.468	PL.9261	B	4ACSR	14.74Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	5.145	0.080	0	0	0	0
114710	PL.468	B	Consumer	14.74Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	5.145	0.000	0	0	0	0
114721	PL.9259	B	Consumer	14.75Y	122.9	0.00	3.12	0.75	0	10	4	93	0.00	0.0	4.961	0.000	10	4	1	1
PL.5335	PL.9510	B	4ACSR	14.75Y	122.9	0.00	3.10	1.22	1	17	6	94	0.00	0.0	4.879	0.100	0	0	0	3
114715	PL.5335	B	Consumer	14.75Y	122.9	0.00	3.10	0.18	0	2	1	89	0.00	0.0	4.879	0.000	2	1	1	1
PL.9511	PL.5335	B	4ACSR	14.75Y	122.9	0.00	3.10	1.04	1	15	5	95	0.00	0.0	4.940	0.061	0	0	0	2
PL.466	PL.9511	B	4ACSR	14.75Y	122.9	0.00	3.10	0.32	0	4	2	89	0.00	0.0	5.022	0.081	0	0	0	1
114716	PL.466	B	Consumer	14.75Y	122.9	0.00	3.10	0.32	0	4	2	89	0.00	0.0	5.022	0.000	4	2	1	1
PL.9257	PL.9511	B	4ACSR	14.75Y	122.9	0.00	3.10	0.73	1	10	4	93	0.00	0.0	4.959	0.018	0	0	0	1
114705	PL.9257	B	Consumer	14.75Y	122.9	0.00	3.10	0.73	0	10	4	93	0.00	0.0	4.959	0.000	10	4	1	1
PL.602	PL.5388	B	4ACSR	14.76Y	123.0	0.00	3.00	0.62	1	9	3	95	0.00	0.0	4.459	0.144	0	0	0	1
115714	PL.602	B	Consumer	14.76Y	123.0	0.00	3.00	0.62	0	9	3	95	0.00	0.0	4.459	0.000	9	3	1	1
PL.9507	PL.5388	B	4ACSR	14.76Y	123.0	0.01	3.01	0.83	1	12	4	95	0.00	0.0	4.587	0.272	0	0	0	1
PL.5385	PL.9507	B	4ACSR	14.76Y	123.0	0.00	3.01	0.83	1	12	4	95	0.00	0.0	4.651	0.064	0	0	0	1
115717	PL.5385	B	Consumer	14.76Y	123.0	0.00	3.01	0.83	0	12	4	95	0.00	0.0	4.651	0.000	12	4	1	1
PL.5386	PL.5385	B	4ACSR	14.76Y	123.0	0.00	3.01	0.00	0	0	0	100	0.00	0.0	4.651	0.000	0	0	0	0
PL.30833	PL.9507	B	4ACSR	14.76Y	123.0	0.00	3.01	0.00	0	0	0	100	0.00	0.0	4.708	0.121	0	0	0	0
PD.51-A	PL.30833	B	Open	14.76Y	123.0	0.00	3.01	0.00	0	0	0	100	0.00	0.0	4.708	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: UNION 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.39021	PL.9269	B	2ACSR	14.76Y	123.0	0.00	2.99	0.04	0	1	0	100	0.00	0.0	4.321	0.060	0	0	0	1
1147023	PL.39021	B	Consumer	14.76Y	123.0	0.00	2.99	0.04	0	1	0	100	0.00	0.0	4.321	0.000	1	0	1	1
PL.603	PL.9271	B	4ACSR	14.76Y	123.0	0.00	2.96	0.23	0	3	1	95	0.00	0.0	4.370	0.224	0	0	0	2
115724	PL.603	B	Consumer	14.76Y	123.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	4.370	0.000	0	0	1	1
115706	PL.603	B	Consumer	14.76Y	123.0	0.00	2.96	0.23	0	3	1	95	0.00	0.0	4.370	0.000	3	1	1	1
115801	PL.9270	B	Consumer	14.77Y	123.1	0.00	2.89	0.25	0	4	1	97	0.00	0.0	3.864	0.000	4	1	1	1
PL.138	PL.27504	B	4ACSR	14.78Y	123.2	0.00	2.84	0.39	0	5	2	93	0.00	0.0	3.817	0.135	0	0	0	1
114801	PL.138	B	Consumer	14.78Y	123.2	0.00	2.84	0.39	0	5	2	93	0.00	0.0	3.817	0.000	5	2	1	1
PL.27505	PL.9273	B	4ACSR	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	3.237	0.014	0	0	0	0
PD.780	PL.27505	B	fuse6AMP	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	3.237	0.000	0	0	0	0
PL.27506	PD.780	B	4ACSR	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	3.277	0.039	0	0	0	0
PL.5422	PL.27506	B	4ACSR	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	3.318	0.041	0	0	0	0
115822	PL.5422	B	Consumer	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	3.318	0.000	0	0	0	0
PL.5423	PL.5422	B	4ACSR	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	3.318	0.000	0	0	0	0
PL.45217	PL.9273	B	2ACSR	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	3.241	0.018	0	0	0	0
PD.8622	PL.45217	B	fuse6AMP	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	3.241	0.000	0	0	0	0
PL.45218	PD.8622	B	2ACSR	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	3.518	0.277	0	0	0	0
1148027	PL.45218	B	Consumer	14.79Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	3.518	0.000	0	0	0	0
PL.4843	PL.8	B	4ACSR	14.79Y	123.3	0.01	2.73	5.30	4	74	26	94	0.00	0.0	3.287	0.065	0	0	0	10
PL.27501	PL.4843	B	4ACSR	14.79Y	123.3	0.00	2.73	4.52	4	63	22	94	0.00	0.0	3.324	0.037	0	0	0	9
PD.3285	PL.27501	B	25V4E	14.79Y	123.3	0.00	2.73	4.52	18	63	22	94	0.00	0.0	3.324	0.000	0	0	0	9
PL.27502	PD.3285	B	4ACSR	14.79Y	123.3	0.01	2.74	4.52	4	63	22	94	0.01	0.0	3.427	0.103	0	0	0	9
PL.27511	PL.27502	B	4ACSR	14.79Y	123.3	0.00	2.74	2.23	2	31	11	94	0.00	0.0	3.431	0.004	0	0	0	6
PD.779-A	PL.27511	B	Closed	14.79Y	123.3	0.00	2.74	2.23	0	31	11	94	0.00	0.0	3.431	0.000	0	0	0	6
PD.779-B	PD.779-A	B	Closed	14.79Y	123.3	0.00	2.74	2.23	0	31	11	94	0.00	0.0	3.431	0.000	0	0	0	6
PL.27512	PD.779-B	B	4ACSR	14.79Y	123.3	0.00	2.74	2.23	2	31	11	94	0.00	0.0	3.489	0.058	0	0	0	6
PL.9277	PL.27512	B	4ACSR	14.79Y	123.3	0.00	2.75	0.83	1	12	4	95	0.00	0.0	3.717	0.228	0	0	0	4
PL.9278	PL.9277	B	4ACSR	14.79Y	123.3	0.00	2.75	0.74	1	10	4	93	0.00	0.0	3.846	0.129	0	0	0	3
114819	PL.9278	B	Consumer	14.79Y	123.3	0.00	2.75	0.63	0	9	3	95	0.00	0.0	3.846	0.000	9	3	1	1
PL.9279	PL.9278	B	4ACSR	14.79Y	123.3	0.00	2.75	0.11	0	1	1	71	0.00	0.0	3.965	0.119	0	0	0	2
PL.9280	PL.9279	B	4ACSR	14.79Y	123.3	0.00	2.75	0.00	0	0	0	100	0.00	0.0	4.008	0.042	0	0	0	1
PL.16821	PL.9280	B	4ACSR	14.79Y	123.3	0.00	2.75	0.00	0	0	0	100	0.00	0.0	4.380	0.372	0	0	0	0
PL.36587	PL.16821	B	4ACSR	14.79Y	123.3	0.00	2.75	0.00	0	0	0	100	0.00	0.0	4.574	0.195	0	0	0	0
PD.5667-B	PL.36587	B	Open	14.79Y	123.3	0.00	2.75	0.00	0	0	0	100	0.00	0.0	4.574	0.000	0	0	0	0
114816	PL.9280	B	Consumer	14.79Y	123.3	0.00	2.75	0.00	0	0	0	100	0.00	0.0	4.008	0.000	0	0	1	1
PL.137	PL.9279	B	4ACSR	14.79Y	123.3	0.00	2.75	0.11	0	1	1	71	0.00	0.0	4.176	0.211	0	0	0	1
114808	PL.137	B	Consumer	14.79Y	123.3	0.00	2.75	0.11	0	1	1	71	0.00	0.0	4.176	0.000	1	1	1	1
PL.136	PL.9277	B	4ACSR	14.79Y	123.3	0.00	2.75	0.09	0	1	0	100	0.00	0.0	3.886	0.169	0	0	0	1

Unbalanced Voltage Drop Report
Source: UNION 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
PD.778	PL.136	B	fuse6AMP	14.79Y	123.3	0.00	2.75	0.09	2	1	0	100	0.00	0.0	3.886	0.000	0	0	0	1
PL.133	PD.778	B	4ACSR	14.79Y	123.3	0.00	2.75	0.09	0	1	0	100	0.00	0.0	3.953	0.066	0	0	0	1
PL.134	PL.133	B	4ACSR	14.79Y	123.3	0.00	2.75	0.09	0	1	0	100	0.00	0.0	4.052	0.099	0	0	0	1
PL.135	PL.134	B	4ACSR	14.79Y	123.3	0.00	2.75	0.00	0	0	0	100	0.00	0.0	4.241	0.189	0	0	0	0
PL.5336	PL.135	B	4ACSR	14.79Y	123.3	0.00	2.75	0.00	0	0	0	100	0.00	0.0	4.357	0.116	0	0	0	0
PL.5337	PL.5336	B	4ACSR	14.79Y	123.3	0.00	2.75	0.00	0	0	0	100	0.00	0.0	4.460	0.103	0	0	0	0
114811	PL.134	B	Consumer	14.79Y	123.3	0.00	2.75	0.09	0	1	0	100	0.00	0.0	4.052	0.000	1	0	1	1
PL.4844	PL.27512	B	4ACSR	14.79Y	123.3	0.00	2.75	1.40	1	19	7	94	0.00	0.0	3.597	0.108	0	0	0	2
PL.4845	PL.4844	B	4ACSR	14.79Y	123.3	0.00	2.75	0.09	0	1	0	100	0.00	0.0	3.598	0.001	0	0	0	1
PL.132	PL.4845	B	4ACSR	14.79Y	123.3	0.00	2.75	0.09	0	1	0	100	0.00	0.0	3.659	0.062	0	0	0	1
PL.145	PL.132	B	4ACSR	14.79Y	123.3	0.00	2.75	0.09	0	1	0	100	0.00	0.0	3.719	0.059	0	0	0	1
114818	PL.145	B	Consumer	14.79Y	123.3	0.00	2.75	0.09	0	1	0	100	0.00	0.0	3.719	0.000	1	0	1	1
114809	PL.4844	B	Consumer	14.79Y	123.3	0.00	2.75	1.31	0	18	6	95	0.00	0.0	3.597	0.000	18	6	1	1
PL.20031	PL.27502	B	4ACSR	14.79Y	123.3	0.00	2.74	2.30	2	32	11	95	0.00	0.0	3.508	0.081	0	0	0	3
PL.20032	PL.20031	B	4ACSR	14.79Y	123.3	0.01	2.75	1.94	2	27	10	94	0.00	0.0	3.627	0.120	0	0	0	2
PL.130	PL.20032	B	4ACSR	14.79Y	123.2	0.00	2.75	0.80	1	11	4	94	0.00	0.0	3.703	0.076	0	0	0	1
114812	PL.130	B	Consumer	14.79Y	123.2	0.00	2.75	0.80	0	11	4	94	0.00	0.0	3.703	0.000	11	4	1	1
PL.131	PL.20032	B	4ACSR	14.79Y	123.2	0.00	2.75	1.14	1	16	6	94	0.00	0.0	3.681	0.054	0	0	0	1
114817	PL.131	B	Consumer	14.79Y	123.2	0.00	2.75	1.14	0	16	6	94	0.00	0.0	3.681	0.000	16	6	1	1
114805	PL.20031	B	Consumer	14.79Y	123.3	0.00	2.74	0.36	0	5	2	93	0.00	0.0	3.508	0.000	5	2	1	1
114806	PL.4843	B	Consumer	14.79Y	123.3	0.00	2.73	0.78	0	11	4	94	0.00	0.0	3.287	0.000	11	4	1	1
PL.697	PL.9275	B	4ACSR	14.80Y	123.3	0.00	2.66	0.08	0	1	0	100	0.00	0.0	3.131	0.058	0	0	0	1
115866	PL.697	B	Consumer	14.80Y	123.3	0.00	2.66	0.08	0	1	0	100	0.00	0.0	3.131	0.000	1	0	1	1
PL.19915	PL.17679	B	4ACSR	14.81Y	123.4	0.00	2.56	3.58	3	50	17	95	0.00	0.0	2.864	0.020	0	0	0	5
PD.870	PL.19915	B	fuse6AMP	14.81Y	123.4	0.00	2.56	3.58	61	50	17	95	0.00	0.0	2.864	0.000	0	0	0	5
PL.19916	PD.870	B	4ACSR	14.81Y	123.4	0.01	2.57	3.58	3	50	17	95	0.00	0.0	2.997	0.133	0	0	0	5
115865	PL.19916	B	Consumer	14.81Y	123.4	0.00	2.57	0.61	0	8	3	94	0.00	0.0	2.997	0.000	8	3	1	1
PL.20264	PL.19916	B	4ACSR	14.81Y	123.4	0.00	2.58	2.97	2	42	14	95	0.00	0.0	3.060	0.063	0	0	0	4
115867	PL.20264	B	Consumer	14.81Y	123.4	0.00	2.58	0.93	0	13	5	93	0.00	0.0	3.060	0.000	13	5	1	1
1158072	PL.20264	B	Consumer	14.81Y	123.4	0.00	2.58	0.52	0	7	3	92	0.00	0.0	3.060	0.000	7	3	1	1
PL.33901	PL.20264	B	4ACSR	14.81Y	123.4	0.00	2.58	1.53	1	22	7	95	0.00	0.0	3.100	0.041	0	0	0	2
PL.33902	PL.33901	B	4ACSR	14.81Y	123.4	0.00	2.58	0.54	0	8	3	94	0.00	0.0	3.139	0.039	0	0	0	1
PL.278	PL.33902	B	4ACSR	14.81Y	123.4	0.00	2.58	0.54	0	8	3	94	0.00	0.0	3.179	0.040	0	0	0	1
115869	PL.278	B	Consumer	14.81Y	123.4	0.00	2.58	0.54	0	8	3	94	0.00	0.0	3.179	0.000	8	3	1	1
PL.33903	PL.33901	B	1/0EPRJCN	14.81Y	123.4	0.00	2.58	0.99	1	14	4	96	0.00	0.0	3.138	0.038	0	0	0	1
1158070	PL.33903	B	Consumer	14.81Y	123.4	0.00	2.58	1.00	0	14	5	94	0.00	0.0	3.138	0.000	14	5	1	1
PL.23675	PL.17679	B	4ACSR	14.81Y	123.4	0.00	2.56	0.43	0	6	2	95	0.00	0.0	2.914	0.070	0	0	0	1
115819	PL.23675	B	Consumer	14.81Y	123.4	0.00	2.56	0.43	0	6	2	95	0.00	0.0	2.914	0.000	6	2	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----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
1158074	PL.23675	B	Consumer	14.81Y	123.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	2.914	0.000	0	0	0	0
PL.25433	PL.25432	A	1/0ACSR	14.97Y	124.7	0.01	1.26	14.14	7	200	70	94	0.05	0.0	2.465	0.059	0	0	0	41
		B		14.84Y	123.6	0.01	2.35	16.86	8	236	83	94					0	0	0	27
		C		15.07Y	125.6	0.01	0.40	23.73	12	337	119	94					0	0	0	58
PL.25434	PL.25433	A	1/0ACSR	14.97Y	124.7	0.00	1.26	14.14	7	200	70	94	0.04	0.0	2.515	0.050	0	0	0	41
		B		14.84Y	123.6	0.01	2.36	16.86	8	236	83	94					0	0	0	27
		C		15.07Y	125.6	0.01	0.41	23.07	11	328	116	94					0	0	0	57
PL.17686	PL.25434	C	4ACSR	15.07Y	125.6	0.00	0.41	0.70	1	10	3	96	0.00	0.0	2.526	0.011	0	0	0	2
PD.841	PL.17686	C	fuse6AMP	15.07Y	125.6	0.00	0.41	0.70	12	10	3	96	0.00	0.0	2.526	0.000	0	0	0	2
PL.17687	PD.841	C	4ACSR	15.07Y	125.6	0.00	0.41	0.70	1	10	3	96	0.00	0.0	2.534	0.008	0	0	0	2
PL.676	PL.17687	C	4ACSR	15.07Y	125.6	0.00	0.41	0.37	0	5	2	93	0.00	0.0	2.545	0.011	0	0	0	1
115817	PL.676	C	Consumer	15.07Y	125.6	0.00	0.41	0.37	0	5	2	93	0.00	0.0	2.545	0.000	5	2	1	1
PL.675	PL.17687	C	4ACSR	15.07Y	125.6	0.00	0.41	0.32	0	5	2	93	0.00	0.0	2.558	0.024	0	0	0	1
115838	PL.675	C	Consumer	15.07Y	125.6	0.00	0.41	0.32	0	5	2	93	0.00	0.0	2.558	0.000	5	2	1	1
PL.17684	PL.25434	C	4ACSR	15.07Y	125.6	0.00	0.41	1.19	1	17	6	94	0.00	0.0	2.527	0.012	0	0	0	3
PD.840	PL.17684	C	fuse6AMP	15.07Y	125.6	0.00	0.41	1.19	20	17	6	94	0.00	0.0	2.527	0.000	0	0	0	3
PL.17685	PD.840	C	4ACSR	15.07Y	125.6	0.00	0.41	1.19	1	17	6	94	0.00	0.0	2.589	0.062	0	0	0	3
115827	PL.17685	C	Consumer	15.07Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	2.589	0.000	0	0	1	1
PL.5415	PL.17685	C	4ACSR	15.07Y	125.6	0.00	0.41	1.19	1	17	6	94	0.00	0.0	2.589	0.000	0	0	0	2
PL.25440	PL.5415	C	4ACSR	15.07Y	125.6	0.00	0.41	1.19	1	17	6	94	0.00	0.0	2.647	0.058	0	0	0	2
PL.25441	PL.25440	C	4ACSR	15.07Y	125.6	0.00	0.41	0.73	1	10	4	93	0.00	0.0	2.710	0.063	0	0	0	1
115857	PL.25441	C	Consumer	15.07Y	125.6	0.00	0.41	0.73	0	10	4	93	0.00	0.0	2.710	0.000	10	4	1	1
115862	PL.25440	C	Consumer	15.07Y	125.6	0.00	0.41	0.46	0	7	2	96	0.00	0.0	2.647	0.000	7	2	1	1
PL.25435	PL.25434	A	1/0ACSR	14.97Y	124.7	0.00	1.27	14.14	7	200	70	94	0.04	0.0	2.559	0.044	0	0	0	41
		B		14.84Y	123.6	0.01	2.37	16.86	8	236	83	94					0	0	0	27
		C		15.07Y	125.6	0.01	0.42	20.96	10	298	105	94					0	0	0	51
PL.25436	PL.25435	A	1/0ACSR	14.97Y	124.7	0.01	1.28	14.14	7	200	70	94	0.06	0.0	2.637	0.079	0	0	0	41
		B		14.83Y	123.6	0.01	2.38	16.86	8	236	83	94					0	0	0	27
		C		15.07Y	125.6	0.01	0.43	20.17	10	287	101	94					0	0	0	49
PL.5416	PL.25436	A	1/0ACSR	14.97Y	124.7	0.00	1.28	14.14	7	200	70	94	0.01	0.0	2.652	0.015	0	0	0	41
		B		14.83Y	123.6	0.00	2.38	15.01	7	210	74	94					0	0	0	25
		C		15.07Y	125.6	0.00	0.44	20.17	10	287	101	94					0	0	0	49
PL.18436	PL.5416	A	1/0ACSR	14.97Y	124.7	0.00	1.28	14.14	7	200	70	94	0.00	0.0	2.658	0.005	0	0	0	41
		B		14.83Y	123.6	0.00	2.39	15.01	7	210	74	94					0	0	0	25
		C		15.07Y	125.6	0.00	0.44	20.17	10	287	101	94					0	0	0	49
PD.3299	PL.18436	A	VWVE	14.97Y	124.7	0.00	1.28	14.14	0	200	70	94	0.00	0.0	2.658	0.000	0	0	0	41
		B		14.83Y	123.6	0.00	2.39	15.01	0	210	74	94					0	0	0	25
		C		15.07Y	125.6	0.00	0.44	20.17	0	287	101	94					0	0	0	49
PL.18437	PD.3299	A	1/0ACSR	14.97Y	124.7	0.00	1.28	14.14	7	200	70	94	0.01	0.0	2.665	0.007	0	0	0	41
		B		14.83Y	123.6	0.00	2.39	15.01	7	210	74	94					0	0	0	25
		C		15.07Y	125.6	0.00	0.44	20.17	10	287	101	94					0	0	0	49
PL.17457	PL.18437	C	4ACSR	15.07Y	125.6	0.00	0.44	2.66	2	38	13	95	0.00	0.0	2.685	0.020	0	0	0	5
PD.839	PL.17457	C	fuse6AMP	15.07Y	125.6	0.00	0.44	2.66	45	38	13	95	0.00	0.0	2.685	0.000	0	0	0	5
PL.40773	PD.839	C	4ACSR	15.07Y	125.6	0.00	0.44	2.66	2	38	13	95	0.00	0.0	2.727	0.042	0	0	0	5
PL.40774	PL.40773	C	4ACSR	15.07Y	125.6	0.00	0.44	2.65	2	38	13	95	0.00	0.0	2.763	0.036	0	0	0	4
PL.23661	PL.40774	C	4ACSR	15.07Y	125.6	0.00	0.44	1.82	2	26	9	94	0.00	0.0	2.788	0.025	0	0	0	3

Unbalanced Voltage Drop Report
Source: UNION 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.23660	PL.23661	C	4ACSR	15.07Y	125.6	0.00	0.45	1.82	2	26	9	94	0.00	0.0	2.836	0.047	0	0	0	3
PL.23659	PL.23660	C	4ACSR	15.07Y	125.6	0.00	0.45	1.82	2	26	9	94	0.00	0.0	2.910	0.074	0	0	0	3
115848	PL.23659	C	Consumer	15.07Y	125.6	0.00	0.45	0.97	0	14	5	94	0.00	0.0	2.910	0.000	14	5	1	1
PL.23658	PL.23659	C	4ACSR	15.07Y	125.5	0.00	0.45	0.85	1	12	4	95	0.00	0.0	2.961	0.051	0	0	0	2
115849	PL.23658	C	Consumer	15.07Y	125.5	0.00	0.45	0.00	0	0	0	100	0.00	0.0	2.961	0.000	0	0	0	0
115853	PL.23658	C	Consumer	15.07Y	125.5	0.00	0.45	0.82	0	12	4	95	0.00	0.0	2.961	0.000	12	4	1	1
115854	PL.23658	C	Consumer	15.07Y	125.5	0.00	0.45	0.02	0	0	0	100	0.00	0.0	2.961	0.000	0	0	1	1
PL.680	PL.23659	C	4ACSR	15.07Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	2.955	0.045	0	0	0	0
PL.23662	PL.680	C	4ACSR	15.07Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	3.016	0.061	0	0	0	0
115850	PL.23662	C	Consumer	15.07Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	3.016	0.000	0	0	0	0
115842	PL.40774	C	Consumer	15.07Y	125.6	0.00	0.44	0.83	0	12	4	95	0.00	0.0	2.763	0.000	12	4	1	1
PL.40772	PL.40773	C	2ACSR	15.07Y	125.6	0.00	0.44	0.01	0	0	0	100	0.00	0.0	2.768	0.041	0	0	0	1
1158073	PL.40772	C	Consumer	15.07Y	125.6	0.00	0.44	0.01	0	0	0	100	0.00	0.0	2.768	0.000	0	0	1	1
PL.25439	PL.18437	A	1/0ACSR	14.97Y	124.7	0.00	1.28	14.14	7	200	70	94	0.00	0.0	2.673	0.008	0	0	0	41
		B		14.83Y	123.6	0.00	2.39	15.01	7	210	74	94					0	0	0	25
		C		15.07Y	125.6	0.00	0.44	17.51	9	249	88	94					0	0	0	44
RG.2	PL.25439	A	1ph-100A-7	15.12Y	126.0	-1.28	0.00	14.14	14	200	70	94	percent Boost= 1.03 Tap= 1.6							41
		B		15.12Y	126.0	-2.39	0.00	15.01	15	210	74	94	percent Boost= 1.93 Tap= 3.1							
		C		15.12Y	126.0	-0.44	0.00	17.51	18	249	88	94	percent Boost= 0.35 Tap= 0.6							
PL.25437	RG.2	A	1/0ACSR	15.12Y	126.0	0.00	0.00	14.00	7	200	70	94	0.03	0.0	2.716	0.043	0	0	0	41
		B		15.12Y	126.0	0.01	0.01	14.72	7	210	74	94					0	0	0	25
		C		15.12Y	126.0	0.01	0.01	17.45	9	249	88	94					0	0	0	44
PL.25438	PL.25437	A	1/0ACSR	15.12Y	126.0	0.02	0.02	14.00	7	200	70	94	0.09	0.0	2.875	0.158	0	0	0	41
		B		15.12Y	126.0	0.02	0.03	14.72	7	210	74	94					0	0	0	25
		C		15.12Y	126.0	0.03	0.03	16.83	8	240	85	94					0	0	0	42
115937	PL.25438	B	Consumer	15.12Y	126.0	0.00	0.03	0.86	0	12	4	95	0.00	0.0	2.875	0.000	12	4	1	1
PL.5431	PL.25438	A	1/0ACSR	15.12Y	126.0	0.01	0.03	14.00	7	200	70	94	0.04	0.0	2.941	0.066	0	0	0	41
		B		15.12Y	126.0	0.01	0.04	13.86	7	198	70	94					0	0	0	24
		C		15.11Y	126.0	0.01	0.04	16.83	8	240	85	94					0	0	0	42
115928	PL.5431	A	Consumer	15.12Y	126.0	0.00	0.03	0.34	0	5	2	93	0.00	0.0	2.941	0.000	5	2	1	1
PL.19186	PL.5431	A	1/0ACSR	15.12Y	126.0	0.01	0.04	13.66	7	195	69	94	0.03	0.0	3.000	0.059	0	0	0	40
		B		15.11Y	126.0	0.01	0.04	13.86	7	198	70	94					0	0	0	24
		C		15.11Y	125.9	0.01	0.05	16.83	8	240	85	94					0	0	0	42
115922	PL.19186	B	Consumer	15.11Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0	3.000	0.000	0	0	0	0
115936	PL.19186	B	Consumer	15.11Y	126.0	0.00	0.04	0.70	0	10	4	93	0.00	0.0	3.000	0.000	10	4	1	1
PL.19317	PL.19186	A	1/0ACSR	15.11Y	126.0	0.01	0.04	13.66	7	195	69	94	0.03	0.0	3.050	0.050	0	0	0	40
		B		15.11Y	125.9	0.01	0.05	13.16	7	187	66	94					0	0	0	23
		C		15.11Y	125.9	0.01	0.06	16.83	8	240	85	94					0	0	0	42
115930	PL.19317	C	Consumer	15.11Y	125.9	0.00	0.06	0.54	0	8	3	94	0.00	0.0	3.050	0.000	8	3	1	1
115926	PL.19317	C	Consumer	15.11Y	125.9	0.00	0.06	0.59	0	8	3	94	0.00	0.0	3.050	0.000	8	3	1	1
115929	PL.19317	C	Consumer	15.11Y	125.9	0.00	0.06	0.05	0	1	0	100	0.00	0.0	3.050	0.000	1	0	1	1
PL.25442	PL.19317	A	1/0ACSR	15.11Y	126.0	0.00	0.05	13.66	7	195	69	94	0.02	0.0	3.091	0.041	0	0	0	40
		B		15.11Y	125.9	0.01	0.06	13.16	7	187	66	94					0	0	0	23
		C		15.11Y	125.9	0.01	0.07	15.66	8	223	79	94					0	0	0	39
PL.25443	PL.25442	A	1/0ACSR	15.11Y	125.9	0.02	0.06	13.66	7	195	69	94	0.07	0.0	3.226	0.135	0	0	0	40
		B		15.11Y	125.9	0.02	0.07	13.16	7	187	66	94					0	0	0	23
		C		15.11Y	125.9	0.02	0.09	15.51	8	221	78	94					0	0	0	37

Unbalanced Voltage Drop Report
Source: UNION 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.25444	PL.25443	A	1/0ACSR	15.11Y	125.9	0.00	0.07	13.66	7	195	69	94	0.02	0.0	3.268	0.041	0	0	0	40		
		B		15.11Y	125.9	0.01	0.08	13.16	7	187	66	94	0	0			0	0	23			
		C		15.11Y	125.9	0.01	0.09	15.51	8	221	78	94	0	0			0	37				
PL.8742	PL.25444	A	1/0ACSR	15.11Y	125.9	0.03	0.09	13.21	7	188	66	94	0.12	0.0	3.502	0.234	0	0	0	37		
		B		15.11Y	125.9	0.03	0.11	13.16	7	187	66	94	0	0			0	23				
		C		15.10Y	125.9	0.03	0.13	15.51	8	221	78	94	0	0			0	37				
PL.8743	PL.8742	A	1/0ACSR	15.11Y	125.9	0.02	0.11	13.21	7	188	66	94	0.07	0.0	3.660	0.158	0	0	0	37		
		B		15.10Y	125.9	0.02	0.13	13.16	7	187	66	94	0	0			0	23				
		C		15.10Y	125.9	0.02	0.15	13.24	7	189	67	94	0	0			0	32				
PL.17802	PL.8743	A	4ACSR	15.11Y	125.9	0.00	0.11	1.16	1	17	6	94	0.00	0.0	3.688	0.028	0	0	0	1		
PD.834	PL.17802	A	fuse6AMP	15.11Y	125.9	0.00	0.11	1.16	20	17	6	94	0.00	0.0	3.688	0.000	0	0	0	1		
PL.17803	PD.834	A	4ACSR	15.11Y	125.9	0.00	0.11	1.16	1	17	6	94	0.00	0.0	3.722	0.035	0	0	0	1		
115917	PL.17803	A	Consumer	15.11Y	125.9	0.00	0.11	1.16	0	17	6	94	0.00	0.0	3.722	0.000	17	6	1	1		
PL.8744	PL.8743	A	1/0ACSR	15.11Y	125.9	0.01	0.12	12.04	6	172	60	94	0.03	0.0	3.740	0.080	0	0	0	36		
		B		15.10Y	125.9	0.01	0.14	13.16	7	187	66	94	0	0			0	23				
		C		15.10Y	125.8	0.01	0.16	13.24	7	189	67	94	0	0			0	32				
1159038	PL.8744	B	Consumer	15.10Y	125.9	0.00	0.14	0.04	0	1	0	100	0.00	0.0	3.740	0.000	1	0	1	1		
PL.5421	PL.8744	A	1/0ACSR	15.10Y	125.9	0.01	0.13	12.04	6	172	60	94	0.02	0.0	3.795	0.055	0	0	0	36		
		B		15.10Y	125.9	0.01	0.14	13.12	7	187	66	94	0	0			0	22				
		C		15.10Y	125.8	0.01	0.16	13.24	7	189	66	94	0	0			0	32				
PL.18860	PL.5421	A	4ACSR	15.10Y	125.9	0.00	0.13	0.96	1	14	5	94	0.00	0.0	3.825	0.029	0	0	0	5		
PD.833	PL.18860	A	fuse6AMP	15.10Y	125.9	0.00	0.13	0.96	16	14	5	94	0.00	0.0	3.825	0.000	0	0	0	5		
PL.18861	PD.833	A	4ACSR	15.10Y	125.9	0.00	0.13	0.96	1	14	5	94	0.00	0.0	3.834	0.009	0	0	0	5		
PL.28020	PL.18861	A	4ACSR	15.10Y	125.9	0.00	0.13	0.80	1	11	4	94	0.00	0.0	3.885	0.052	0	0	0	3		
PL.28021	PL.28020	A	4ACSR	15.10Y	125.9	0.00	0.13	0.65	1	9	3	95	0.00	0.0	3.941	0.055	0	0	0	2		
115927	PL.28021	A	Consumer	15.10Y	125.9	0.00	0.13	0.20	0	3	1	95	0.00	0.0	3.941	0.000	3	1	1	1		
115932	PL.28021	A	Consumer	15.10Y	125.9	0.00	0.13	0.46	0	6	2	95	0.00	0.0	3.941	0.000	6	2	1	1		
115914	PL.28020	A	Consumer	15.10Y	125.9	0.00	0.13	0.15	0	2	1	89	0.00	0.0	3.885	0.000	2	1	1	1		
PL.683	PL.18861	A	4ACSR	15.10Y	125.9	0.00	0.13	0.16	0	2	1	89	0.00	0.0	3.907	0.073	0	0	0	2		
PL.487	PL.683	A	4ACSR	15.10Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	3.907	0.000	0	0	0	0		
PL.4842	PL.683	A	4ACSR	15.10Y	125.9	0.00	0.13	0.16	0	2	1	89	0.00	0.0	3.958	0.051	0	0	0	2		
PL.42562	PL.4842	A	2ACSR	15.10Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	4.014	0.057	0	0	0	0		
1149005	PL.42562	A	Consumer	15.10Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	4.014	0.000	0	0	0	0		
PL.4841	PL.4842	A	4ACSR	15.10Y	125.9	0.00	0.13	0.04	0	1	0	100	0.00	0.0	4.146	0.189	0	0	0	1		
114904	PL.4841	A	Consumer	15.10Y	125.9	0.00	0.13	0.04	0	1	0	100	0.00	0.0	4.146	0.000	1	0	1	1		
114902	PL.4842	A	Consumer	15.10Y	125.9	0.00	0.13	0.12	0	2	1	89	0.00	0.0	3.958	0.000	2	1	1	1		
PL.8745	PL.5421	A	1/0ACSR	15.10Y	125.9	0.02	0.15	11.09	6	158	56	94	0.10	0.0	4.054	0.259	0	0	0	31		
		B		15.10Y	125.8	0.03	0.18	13.12	7	187	66	94	0	0			0	22				
		C		15.10Y	125.8	0.03	0.19	13.24	7	189	66	94	0	0			0	32				
PL.8746	PL.8745	A	1/0ACSR	15.10Y	125.8	0.02	0.17	11.09	6	158	56	94	0.05	0.0	4.194	0.140	0	0	0	31		
		B		15.10Y	125.8	0.02	0.19	13.12	7	187	66	94	0	0			0	22				
		C		15.10Y	125.8	0.01	0.21	9.78	5	139	49	94	0	0			0	27				
PL.5650	PL.8746	A	1/0ACSR	15.10Y	125.8	0.00	0.17	11.09	6	158	56	94	0.01	0.0	4.219	0.024	0	0	0	31		
		B		15.10Y	125.8	0.00	0.20	13.12	7	187	66	94	0	0			0	22				
		C		15.10Y	125.8	0.00	0.21	9.78	5	139	49	94	0	0			0	27				
PL.16589	PL.5650	A	4ACSR	15.10Y	125.8	0.00	0.17	0.53	0	8	3	94	0.00	0.0	4.236	0.017	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:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum 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.911, PL.32973, etc.

Unbalanced Voltage Drop Report
Source: UNION CITY

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----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PD.100-B	PD.100-A	A	Closed	15.10Y	125.8	0.00	0.20	10.08	0	144	51	94	0.00	0.0	4.506	0.000	0	0	0	27
		B		15.09Y	125.8	0.00	0.23	12.65	0	180	64	94					0	0	0	21
		C		15.09Y	125.8	0.00	0.22	7.59	0	108	38	94					0	0	0	20
PL.16584	PD.100-B	A	1/0ACSR	15.10Y	125.8	0.01	0.21	10.08	5	144	51	94	0.02	0.0	4.593	0.087	0	0	0	27
		B		15.09Y	125.8	0.01	0.24	12.65	6	180	64	94					0	0	0	21
		C		15.09Y	125.8	0.00	0.23	7.59	4	108	38	94					0	0	0	20
PL.897	PL.16584	C	4ACSR	15.09Y	125.8	0.00	0.23	0.37	0	5	2	93	0.00	0.0	4.685	0.091	0	0	0	1
124221	PL.897	C	Consumer	15.09Y	125.8	0.00	0.23	0.37	0	5	2	93	0.00	0.0	4.685	0.000	5	2	1	1
PL.5618	PL.16584	C	4ACSR	15.09Y	125.8	0.01	0.23	3.19	3	45	16	94	0.00	0.0	4.698	0.105	0	0	0	8
124207	PL.5618	C	Consumer	15.09Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	4.698	0.000	0	0	0	0
PL.16580	PL.5618	C	4ACSR	15.09Y	125.8	0.00	0.24	3.19	3	45	16	94	0.00	0.0	4.704	0.005	0	0	0	8
PD.3317	PL.16580	C	25L	15.09Y	125.8	0.00	0.24	3.19	13	45	16	94	0.00	0.0	4.704	0.000	0	0	0	8
PL.45371	PD.3317	C	4ACSR	15.09Y	125.8	0.01	0.25	3.19	3	45	16	94	0.00	0.0	4.885	0.181	0	0	0	8
PL.45372	PL.45371	C	4ACSR	15.09Y	125.8	0.00	0.25	3.19	3	45	16	94	0.00	0.0	4.890	0.005	0	0	0	8
PL.45369	PL.45372	C	4ACSR	15.09Y	125.7	0.01	0.25	3.19	3	45	16	94	0.00	0.0	4.963	0.073	0	0	0	8
124220	PL.45369	C	Consumer	15.09Y	125.7	0.00	0.25	0.00	0	0	0	100	0.00	0.0	4.963	0.000	0	0	1	1
124209	PL.45369	C	Consumer	15.09Y	125.7	0.00	0.25	0.69	0	10	3	96	0.00	0.0	4.963	0.000	10	3	1	1
PL.45370	PL.45369	C	4ACSR	15.09Y	125.7	0.00	0.25	2.50	2	36	12	95	0.00	0.0	4.964	0.002	0	0	0	6
PL.8551	PL.45370	C	4ACSR	15.09Y	125.7	0.02	0.27	2.50	2	36	12	95	0.00	0.0	5.289	0.324	0	0	0	6
124231	PL.8551	C	Consumer	15.09Y	125.7	0.00	0.27	0.00	0	0	0	100	0.00	0.0	5.289	0.000	0	0	0	0
PL.8750	PL.8551	C	4ACSR	15.09Y	125.7	0.00	0.28	2.50	2	36	12	95	0.00	0.0	5.354	0.065	0	0	0	6
PL.8751	PL.8750	C	4ACSR	15.09Y	125.7	0.00	0.28	0.47	0	7	2	96	0.00	0.0	5.383	0.029	0	0	0	3
PL.8752	PL.8751	C	4ACSR	15.09Y	125.7	0.00	0.28	0.47	0	7	2	96	0.00	0.0	5.497	0.114	0	0	0	3
PL.911	PL.8752	C	4ACSR	15.09Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	5.704	0.207	0	0	0	0
PL.921	PL.911	C	4ACSR	15.09Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	5.866	0.163	0	0	0	0
125203	PL.911	C	Consumer	15.09Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	5.704	0.000	0	0	0	0
PL.16593	PL.8752	C	4ACSR	15.09Y	125.7	0.00	0.28	0.47	0	7	2	96	0.00	0.0	5.675	0.178	0	0	0	3
PD.104-A	PL.16593	C	Closed	15.09Y	125.7	0.00	0.28	0.47	0	7	2	96	0.00	0.0	5.675	0.000	0	0	0	3
PD.104-B	PD.104-A	C	Closed	15.09Y	125.7	0.00	0.28	0.47	0	7	2	96	0.00	0.0	5.675	0.000	0	0	0	3
PL.16594	PD.104-B	C	4ACSR	15.09Y	125.7	0.00	0.28	0.47	0	7	2	96	0.00	0.0	5.683	0.008	0	0	0	3
125205	PL.16594	C	Consumer	15.09Y	125.7	0.00	0.28	0.09	0	1	0	100	0.00	0.0	5.683	0.000	1	0	1	1
PL.5649	PL.16594	C	4ACSR	15.09Y	125.7	0.00	0.28	0.38	0	5	2	93	0.00	0.0	6.192	0.509	0	0	0	2
PL.8753	PL.5649	C	4ACSR	15.09Y	125.7	0.00	0.29	0.38	0	5	2	93	0.00	0.0	6.591	0.399	0	0	0	2
PL.20008	PL.8753	C	4ACSR	15.09Y	125.7	0.00	0.29	0.00	0	0	0	100	0.00	0.0	7.573	0.982	0	0	0	0
PD.105-B	PL.20008	C	Open	15.09Y	125.7	0.00	0.29	0.00	0	0	0	100	0.00	0.0	7.573	0.000	0	0	0	0
PL.919	PL.8753	C	4ACSR	15.09Y	125.7	0.00	0.29	0.38	0	5	2	93	0.00	0.0	6.853	0.261	0	0	0	2
PL.920	PL.919	C	4ACSR	15.09Y	125.7	0.00	0.29	0.38	0	5	2	93	0.00	0.0	6.948	0.095	0	0	0	2
126307	PL.920	C	Consumer	15.09Y	125.7	0.00	0.29	0.09	0	1	0	100	0.00	0.0	6.948	0.000	1	0	1	1
PL.927	PL.920	C	4ACSR	15.09Y	125.7	0.00	0.29	0.29	0	4	1	97	0.00	0.0	7.028	0.080	0	0	0	1
126310	PL.927	C	Consumer	15.09Y	125.7	0.00	0.29	0.29	0	4	1	97	0.00	0.0	7.028	0.000	4	1	1	1

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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.37615	PL.919	C	4ACSR	15.09Y	125.7	0.00	0.29	0.00	0	0	0	100	0.00	0.0	6.865	0.013	0	0	0	0
PD.6158-A	PL.37615	C	Closed	15.09Y	125.7	0.00	0.29	0.00	0	0	0	100	0.00	0.0	6.865	0.000	0	0	0	0
PD.6158-B	PD.6158-A	C	Closed	15.09Y	125.7	0.00	0.29	0.00	0	0	0	100	0.00	0.0	6.865	0.000	0	0	0	0
PL.37616	PD.6158-B	C	4ACSR	15.09Y	125.7	0.00	0.29	0.00	0	0	0	100	0.00	0.0	7.094	0.229	0	0	0	0
PL.16591	PL.8750	C	4ACSR	15.09Y	125.7	0.00	0.28	2.03	2	29	10	95	0.00	0.0	5.366	0.012	0	0	0	3
PD.102-A	PL.16591	C	Closed	15.09Y	125.7	0.00	0.28	2.03	0	29	10	95	0.00	0.0	5.366	0.000	0	0	0	3
PD.102-B	PD.102-A	C	Closed	15.09Y	125.7	0.00	0.28	2.03	0	29	10	95	0.00	0.0	5.366	0.000	0	0	0	3
PL.16592	PD.102-B	C	4ACSR	15.09Y	125.7	0.00	0.28	2.03	2	29	10	95	0.00	0.0	5.472	0.106	0	0	0	3
PL.546	PL.16592	C	4ACSR	15.09Y	125.7	0.00	0.28	0.97	1	14	5	94	0.00	0.0	5.554	0.082	0	0	0	1
PL.545	PL.546	C	4ACSR	15.09Y	125.7	0.00	0.29	0.97	1	14	5	94	0.00	0.0	5.672	0.119	0	0	0	1
124320	PL.545	C	Consumer	15.09Y	125.7	0.00	0.29	0.97	0	14	5	94	0.00	0.0	5.672	0.000	14	5	1	1
124230	PL.16592	C	Consumer	15.09Y	125.7	0.00	0.28	0.57	0	8	3	94	0.00	0.0	5.472	0.000	8	3	1	1
124224	PL.16592	C	Consumer	15.09Y	125.7	0.00	0.28	0.48	0	7	2	96	0.00	0.0	5.472	0.000	7	2	1	1
1242036	PL.45371	C	Consumer	15.09Y	125.8	0.00	0.25	0.00	0	0	0	100	0.00	0.0	4.885	0.000	0	0	0	0
PL.8754	PL.16584	A	1/0ACSR	15.09Y	125.8	0.01	0.22	10.08	5	144	51	94	0.02	0.0	4.664	0.070	0	0	0	27
		B		15.09Y	125.7	0.01	0.25	12.65	6	180	64	94					0	0	0	21
		C		15.09Y	125.8	0.00	0.23	4.03	2	57	20	94					0	0	0	11
PL.548	PL.8754	C	4ACSR	15.09Y	125.8	0.00	0.23	0.73	1	10	4	93	0.00	0.0	4.725	0.062	0	0	0	1
PL.547	PL.548	C	4ACSR	15.09Y	125.8	0.00	0.23	0.73	1	10	4	93	0.00	0.0	4.777	0.052	0	0	0	1
1242033	PL.547	C	Consumer	15.09Y	125.8	0.00	0.23	0.73	0	10	4	93	0.00	0.0	4.777	0.000	10	4	1	1
PL.8755	PL.8754	A	1/0ACSR	15.09Y	125.8	0.01	0.23	10.08	5	144	51	94	0.03	0.0	4.780	0.117	0	0	0	27
		B		15.09Y	125.7	0.01	0.26	12.65	6	180	64	94					0	0	0	21
		C		15.09Y	125.8	-0.00	0.23	3.30	2	47	17	94					0	0	0	10
124206	PL.8755	B	Consumer	15.09Y	125.7	0.00	0.26	0.21	0	3	1	95	0.00	0.0	4.780	0.000	3	1	1	1
PL.8549	PL.8755	A	1/0ACSR	15.09Y	125.8	0.01	0.24	10.08	5	144	51	94	0.02	0.0	4.878	0.097	0	0	0	27
		B		15.09Y	125.7	0.01	0.27	12.44	6	177	62	94					0	0	0	20
		C		15.09Y	125.8	-0.00	0.23	3.30	2	47	17	94					0	0	0	10
PL.8550	PL.8549	A	1/0ACSR	15.09Y	125.8	0.01	0.25	10.08	5	143	51	94	0.01	0.0	4.930	0.052	0	0	0	27
		B		15.09Y	125.7	0.01	0.28	12.44	6	177	62	94					0	0	0	20
		C		15.09Y	125.8	-0.00	0.23	3.30	2	47	17	94					0	0	0	10
PL.16581	PL.8550	B	4ACSR	15.09Y	125.7	0.00	0.28	1.81	2	26	9	94	0.00	0.0	4.944	0.014	0	0	0	2
PD.905-A	PL.16581	B	Closed	15.09Y	125.7	0.00	0.28	1.81	0	26	9	94	0.00	0.0	4.944	0.000	0	0	0	2
PD.905-B	PD.905-A	B	Closed	15.09Y	125.7	0.00	0.28	1.81	0	26	9	94	0.00	0.0	4.944	0.000	0	0	0	2
PL.31035	PD.905-B	B	4ACSR	15.09Y	125.7	0.00	0.28	1.81	2	26	9	94	0.00	0.0	5.012	0.068	0	0	0	2
PL.31036	PL.31035	B	4ACSR	15.09Y	125.7	0.00	0.29	1.09	1	15	5	95	0.00	0.0	5.112	0.100	0	0	0	1
124229	PL.31036	B	Consumer	15.09Y	125.7	0.00	0.29	1.09	0	15	5	95	0.00	0.0	5.112	0.000	15	5	1	1
1242034	PL.31035	B	Consumer	15.09Y	125.7	0.00	0.28	0.72	0	10	4	93	0.00	0.0	5.012	0.000	10	4	1	1
PL.5619	PL.8550	A	1/0ACSR	15.09Y	125.7	0.03	0.28	9.53	5	136	48	94	0.05	0.0	5.183	0.252	0	0	0	26
		B		15.08Y	125.7	0.02	0.30	10.63	5	151	53	94					0	0	0	18
		C		15.09Y	125.8	0.00	0.23	3.30	2	47	17	94					0	0	0	10
124228	PL.5619	C	Consumer	15.09Y	125.8	0.00	0.23	0.06	0	1	0	100	0.00	0.0	5.183	0.000	1	0	1	1
124204	PL.5619	C	Consumer	15.09Y	125.8	0.00	0.23	0.44	0	6	2	95	0.00	0.0	5.183	0.000	6	2	1	1
PL.16578	PL.5619	B	4ACSR	15.08Y	125.7	0.00	0.30	1.26	1	18	6	95	0.00	0.0	5.195	0.012	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 rows for elements PD.899, PL.16578, PL.16579, PL.550, 124210, PL.549, 124307, PL.5620, PL.5621, 123206, PL.8756, PL.16576, PD.896, PL.16577, 124225, PL.8757, PL.552, PL.16573, PD.897, PL.16574, 124222, PL.551, PL.482, PL.483, 113903, 113905, PL.28716, 124201, 124223, PL.28717, C PD.898, PL.16575.

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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 On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	mi Length (mi)	KW					KVAR			
PL.25314	PL.16575	A	1/0ACSR	15.07Y	125.6	0.02	0.38	8.92	4	127	45	94	0.03	0.0	6.115	0.221	0	0	0	24	
		B		15.08Y	125.6	0.01	0.36	8.13	4	116	41	94					0	0	0	13	
		C		15.09Y	125.8	0.00	0.23	2.49	1	35	12	94					0	0	0	7	
PL.16569	PL.25314	C	4ACSR	15.09Y	125.8	0.00	0.23	1.60	1	23	8	94	0.00	0.0	6.125	0.010	0	0	0	5	
PL.16570	PL.16569	C	4ACSR	15.09Y	125.8	0.00	0.24	1.60	1	23	8	94	0.00	0.0	6.202	0.078	0	0	0	5	
123202	PL.16570	C	Consumer	15.09Y	125.8	0.00	0.24	0.43	0	6	2	95	0.00	0.0	6.202	0.000	6	2	1	1	
PL.5624	PL.16570	C	4ACSR	15.09Y	125.8	0.00	0.24	1.17	1	17	6	94	0.00	0.0	6.231	0.028	0	0	0	4	
PL.16571	PL.5624	C	4ACSR	15.09Y	125.8	0.00	0.24	1.17	1	17	6	94	0.00	0.0	6.236	0.005	0	0	0	4	
PL.39255	PL.16571	C	4ACSR	15.09Y	125.8	0.00	0.24	1.17	1	17	6	94	0.00	0.0	6.353	0.117	0	0	0	4	
PD.646	PL.39255	C	fuse6AMP	15.09Y	125.8	0.00	0.24	1.17	20	17	6	94	0.00	0.0	6.353	0.000	0	0	0	4	
PL.39256	PD.646	C	4ACSR	15.09Y	125.8	0.00	0.24	1.17	1	17	6	94	0.00	0.0	6.362	0.009	0	0	0	4	
PL.5628	PL.39256	C	4ACSR	15.09Y	125.8	0.00	0.24	0.01	0	0	0	100	0.00	0.0	6.435	0.073	0	0	0	2	
PL.5629	PL.5628	C	4ACSR	15.09Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	6.504	0.068	0	0	0	1	
123207	PL.5629	C	Consumer	15.09Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	6.504	0.000	0	0	1	1	
123214	PL.5628	C	Consumer	15.09Y	125.8	0.00	0.24	0.01	0	0	0	100	0.00	0.0	6.435	0.000	0	0	1	1	
123210	PL.39256	C	Consumer	15.09Y	125.8	0.00	0.24	0.52	0	7	3	92	0.00	0.0	6.362	0.000	7	3	1	1	
123211	PL.39256	C	Consumer	15.09Y	125.8	0.00	0.24	0.64	0	9	3	95	0.00	0.0	6.362	0.000	9	3	1	1	
PL.16567	PL.25314	A	1/0ACSR	15.07Y	125.6	0.01	0.39	8.92	4	127	45	94	0.01	0.0	6.184	0.069	0	0	0	24	
		B		15.08Y	125.6	0.00	0.37	8.13	4	116	41	94					0	0	0	13	
		C		15.09Y	125.8	-0.00	0.23	0.90	0	13	4	94					0	0	0	2	
PD.97-A	PL.16567	A	Closed	15.07Y	125.6	0.00	0.39	8.92	0	127	45	94	0.00	0.0	6.184	0.000	0	0	0	24	
		B		15.08Y	125.6	0.00	0.37	8.13	0	116	41	94					0	0	0	13	
		C		15.09Y	125.8	0.00	0.23	0.90	0	13	4	94					0	0	0	2	
PD.97-B	PD.97-A	A	Closed	15.07Y	125.6	0.00	0.39	8.92	0	127	45	94	0.00	0.0	6.184	0.000	0	0	0	24	
		B		15.08Y	125.6	0.00	0.37	8.13	0	116	41	94					0	0	0	13	
		C		15.09Y	125.8	0.00	0.23	0.90	0	13	4	94					0	0	0	2	
PL.43481	PD.97-B	A	1/0ACSR	15.07Y	125.6	0.00	0.39	8.92	4	127	45	94	0.00	0.0	6.211	0.027	0	0	0	24	
		B		15.08Y	125.6	0.00	0.37	8.13	4	116	41	94					0	0	0	13	
		C		15.09Y	125.8	-0.00	0.23	0.90	0	13	4	94					0	0	0	2	
PL.43483	PL.43481	C	2ACSR	15.09Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	6.219	0.007	0	0	0	1	
PD.8270	PL.43483	C	fuse6AMP	15.09Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	6.219	0.000	0	0	0	1	
PL.43484	PD.8270	C	2ACSR	15.09Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	6.353	0.134	0	0	0	1	
1232015	PL.43484	C	Consumer	15.09Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	6.353	0.000	0	0	1	1	
PL.43482	PL.43481	A	1/0ACSR	15.07Y	125.6	0.01	0.41	8.92	4	127	45	94	0.01	0.0	6.302	0.090	0	0	0	24	
		B		15.07Y	125.6	0.01	0.38	8.13	4	116	41	94					0	0	0	13	
		C		15.09Y	125.8	-0.00	0.23	0.89	0	13	4	94					0	0	0	1	
PL.5627	PL.43482	A	1/0ACSR	15.07Y	125.6	0.00	0.41	8.92	4	127	45	94	0.00	0.0	6.340	0.039	0	0	0	24	
		B		15.07Y	125.6	0.00	0.38	7.19	4	102	36	94					0	0	0	11	
		C		15.09Y	125.8	-0.00	0.23	0.89	0	13	4	94					0	0	0	1	
PL.25312	PL.5627	A	1/0ACSR	15.07Y	125.6	0.00	0.41	8.92	4	127	45	94	0.00	0.0	6.370	0.030	0	0	0	24	
		B		15.07Y	125.6	0.00	0.38	6.56	3	93	33	94					0	0	0	10	
		C		15.09Y	125.8	-0.00	0.23	0.89	0	13	4	94					0	0	0	1	
1232016	PL.25312	B	Consumer	15.07Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	6.370	0.000	0	0	0	0	
PL.25313	PL.25312	A	1/0ACSR	15.07Y	125.6	0.01	0.42	8.92	4	127	45	94	0.01	0.0	6.468	0.098	0	0	0	24	
		B		15.07Y	125.6	0.00	0.38	6.56	3	93	33	94					0	0	0	10	
		C		15.09Y	125.8	-0.00	0.23	0.89	0	13	4	94					0	0	0	1	

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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.25309, PL.25310, PL.16557, PD.3065-A, 122204, PL.20208, PD.3313, PL.20209, PL.25311, PL.51, PL.9, PL.9242, PL.36613, PD.5681, PL.36614, PL.142, PL.140, PL.143, 1139007, 113906, 113904, PL.9243, PL.9244, 113810, PL.27509, PL.27510, PL.36585, PD.5666, PL.36586.

Unbalanced Voltage Drop Report
Source: UNION 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
113813	PL.36586	A	Consumer	15.03Y	125.2	0.00	0.78	0.99	0	14	5	94	0.00	0.0	8.615	0.000	14	5	1	1
113807	PL.36586	A	Consumer	15.03Y	125.2	0.00	0.78	0.58	0	8	3	94	0.00	0.0	8.615	0.000	8	3	1	1
PL.36588	PL.27510	B	4ACSR	15.05Y	125.4	0.00	0.58	0.00	0	0	0	100	0.00	0.0	8.562	0.005	0	0	0	0
PD.5667-A	PL.36588	B	Open	15.05Y	125.4	0.00	0.58	0.00	0	0	0	100	0.00	0.0	8.562	0.000	0	0	0	0
PL.36589	PL.27510	A	4ACSR	15.03Y	125.2	0.00	0.78	4.58	4	65	23	94	0.00	0.0	8.578	0.021	0	0	0	17
PL.36590	PL.36589	A	4ACSR	15.03Y	125.2	0.00	0.79	4.58	4	65	23	94	0.00	0.0	8.614	0.036	0	0	0	17
PL.36593	PL.36590	A	4ACSR	15.03Y	125.2	0.00	0.79	2.62	2	37	13	94	0.00	0.0	8.634	0.020	0	0	0	9
PD.5671-A	PL.36593	A	Closed	15.03Y	125.2	0.00	0.79	2.62	0	37	13	94	0.00	0.0	8.634	0.000	0	0	0	9
PD.5671-B	PD.5671-A	A	Closed	15.03Y	125.2	0.00	0.79	2.62	0	37	13	94	0.00	0.0	8.634	0.000	0	0	0	9
PL.36594	PD.5671-B	A	4ACSR	15.02Y	125.2	0.01	0.79	2.62	2	37	13	94	0.00	0.0	8.718	0.084	0	0	0	9
PL.36608	PL.36594	A	4ACSR	15.02Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	8.723	0.005	0	0	0	1
PD.5678	PL.36608	A	fuse6AMP	15.02Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	8.723	0.000	0	0	0	1
PL.36607	PD.5678	A	4ACSR	15.02Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	8.874	0.151	0	0	0	1
113814	PL.36607	A	Consumer	15.02Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	8.874	0.000	0	0	1	1
PL.9249	PL.36594	A	4ACSR	15.02Y	125.2	0.01	0.80	2.62	2	37	13	94	0.00	0.0	8.851	0.132	0	0	0	8
PL.9250	PL.9249	A	4ACSR	15.02Y	125.2	0.01	0.81	2.52	2	36	13	94	0.00	0.0	9.046	0.195	0	0	0	7
PL.25422	PL.9250	A	4ACSR	15.02Y	125.2	0.00	0.81	2.52	2	36	13	94	0.00	0.0	9.049	0.003	0	0	0	7
PL.36609	PL.25422	A	4ACSR	15.02Y	125.2	0.00	0.81	0.23	0	3	1	95	0.00	0.0	9.055	0.006	0	0	0	1
PL.36610	PL.36609	A	4ACSR	15.02Y	125.2	0.00	0.81	0.23	0	3	1	95	0.00	0.0	9.190	0.135	0	0	0	1
113809	PL.36610	A	Consumer	15.02Y	125.2	0.00	0.81	0.23	0	3	1	95	0.00	0.0	9.190	0.000	3	1	1	1
PL.25423	PL.25422	A	4ACSR	15.02Y	125.2	0.01	0.83	2.30	2	33	11	95	0.00	0.0	9.320	0.271	0	0	0	6
PL.36611	PL.25423	A	4ACSR	15.02Y	125.2	0.00	0.83	0.89	1	13	4	96	0.00	0.0	9.332	0.013	0	0	0	2
PD.5680	PL.36611	A	fuse6AMP	15.02Y	125.2	0.00	0.83	0.89	15	13	4	96	0.00	0.0	9.332	0.000	0	0	0	2
PL.36612	PD.5680	A	4ACSR	15.02Y	125.2	0.00	0.83	0.89	1	13	4	96	0.00	0.0	9.363	0.031	0	0	0	2
PL.254	PL.36612	A	4ACSR	15.02Y	125.2	0.00	0.83	0.89	1	13	4	96	0.00	0.0	9.434	0.071	0	0	0	2
112911	PL.254	A	Consumer	15.02Y	125.2	0.00	0.83	0.02	0	0	0	100	0.00	0.0	9.434	0.000	0	0	1	1
112910	PL.254	A	Consumer	15.02Y	125.2	0.00	0.83	0.87	0	12	4	95	0.00	0.0	9.434	0.000	12	4	1	1
PL.5338	PL.25423	A	4ACSR	15.02Y	125.2	0.00	0.83	1.41	1	20	7	94	0.00	0.0	9.449	0.129	0	0	0	4
PL.5333	PL.5338	A	4ACSR	15.02Y	125.2	0.00	0.83	1.41	1	20	7	94	0.00	0.0	9.490	0.041	0	0	0	4
112903	PL.5333	A	Consumer	15.02Y	125.2	0.00	0.83	0.78	0	11	4	94	0.00	0.0	9.490	0.000	11	4	1	1
PL.5334	PL.5333	A	4ACSR	15.02Y	125.2	0.00	0.83	0.63	1	9	3	95	0.00	0.0	9.598	0.108	0	0	0	3
112909	PL.5334	A	Consumer	15.02Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	9.598	0.000	0	0	1	1
PL.5069	PL.5334	A	4ACSR	15.02Y	125.2	0.00	0.84	0.63	1	9	3	95	0.00	0.0	9.860	0.262	0	0	0	2
PL.25424	PL.5069	A	4ACSR	15.02Y	125.2	0.00	0.84	0.63	1	9	3	95	0.00	0.0	10.166	0.306	0	0	0	2
PL.255	PL.25424	A	4ACSR	15.02Y	125.2	0.00	0.84	0.63	1	9	3	95	0.00	0.0	10.226	0.059	0	0	0	1
112907	PL.255	A	Consumer	15.02Y	125.2	0.00	0.84	0.63	0	9	3	95	0.00	0.0	10.226	0.000	9	3	1	1
PL.25425	PL.25424	A	4ACSR	15.02Y	125.2	-0.00	0.84	0.00	0	0	0	100	0.00	0.0	10.257	0.090	0	0	0	1
112904	PL.25425	A	Consumer	15.02Y	125.2	0.00	0.84	0.00	0	0	0	100	0.00	0.0	10.257	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: UNION 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.40419	PL.9249	A	4ACSR	15.02Y	125.2	0.00	0.80	0.10	0	1	0	100	0.00	0.0	8.901	0.050	0	0	0	1
113815	PL.40419	A	Consumer	15.02Y	125.2	0.00	0.80	0.10	0	1	0	100	0.00	0.0	8.901	0.000	1	0	1	1
PL.36605	PL.9249	A	4ACSR	15.02Y	125.2	0.00	0.80	0.00	0	0	0	100	0.00	0.0	8.854	0.003	0	0	0	0
PD.5677	PL.36605	A	fuse6AMP	15.02Y	125.2	0.00	0.80	0.00	0	0	0	100	0.00	0.0	8.854	0.000	0	0	0	0
PL.36606	PD.5677	A	4ACSR	15.02Y	125.2	0.00	0.80	0.00	0	0	0	100	0.00	0.0	8.918	0.064	0	0	0	0
PL.36595	PL.36590	A	4ACSR	15.03Y	125.2	0.00	0.79	1.96	2	28	10	94	0.00	0.0	8.635	0.021	0	0	0	7
PD.5672-A	PL.36595	A	Closed	15.03Y	125.2	0.00	0.79	1.96	0	28	10	94	0.00	0.0	8.635	0.000	0	0	0	7
PD.5672-B	PD.5672-A	A	Closed	15.03Y	125.2	0.00	0.79	1.96	0	28	10	94	0.00	0.0	8.635	0.000	0	0	0	7
PL.36596	PD.5672-B	A	4ACSR	15.02Y	125.2	0.01	0.80	1.96	2	28	10	94	0.00	0.0	8.961	0.326	0	0	0	7
PL.10232	PL.36596	A	4ACSR	15.02Y	125.2	0.01	0.81	1.53	1	22	8	94	0.00	0.0	9.110	0.149	0	0	0	6
PL.10233	PL.10232	A	4ACSR	15.02Y	125.2	0.00	0.81	1.22	1	17	6	94	0.00	0.0	9.145	0.035	0	0	0	5
PL.10234	PL.10233	A	4ACSR	15.02Y	125.2	0.00	0.81	0.99	1	14	5	94	0.00	0.0	9.289	0.144	0	0	0	4
PL.10235	PL.10234	A	4ACSR	15.02Y	125.2	0.00	0.81	0.48	0	7	2	96	0.00	0.0	9.583	0.295	0	0	0	1
113801	PL.10235	A	Consumer	15.02Y	125.2	0.00	0.81	0.48	0	7	2	96	0.00	0.0	9.583	0.000	7	2	1	1
PL.28730	PL.10235	A	4ACSR	15.02Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	9.583	0.000	0	0	0	0
PL.28731	PL.28730	A	4ACSR	15.02Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	9.711	0.128	0	0	0	0
PL.6	PL.28731	A	4ACSR	15.02Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	9.901	0.190	0	0	0	0
PL.16819	PL.6	A	4ACSR	15.02Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	9.940	0.040	0	0	0	0
PL.16820	PL.16819	A	4ACSR	15.02Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	9.956	0.016	0	0	0	0
PL.36603	PL.10234	A	4ACSR	15.02Y	125.2	0.00	0.81	0.51	0	7	3	92	0.00	0.0	9.296	0.007	0	0	0	3
PD.5676	PL.36603	A	fuse6AMP	15.02Y	125.2	0.00	0.81	0.51	9	7	3	92	0.00	0.0	9.296	0.000	0	0	0	3
PL.36604	PD.5676	A	4ACSR	15.02Y	125.2	0.00	0.81	0.51	0	7	3	92	0.00	0.0	9.370	0.074	0	0	0	3
113802	PL.36604	A	Consumer	15.02Y	125.2	0.00	0.81	0.19	0	3	1	95	0.00	0.0	9.370	0.000	3	1	1	1
PL.35712	PL.36604	A	2ACSR	15.02Y	125.2	0.00	0.81	0.32	0	4	2	89	0.00	0.0	9.533	0.163	0	0	0	2
PL.35711	PL.35712	A	2ACSR	15.02Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	9.627	0.094	0	0	0	1
1137017	PL.35711	A	Consumer	15.02Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	9.627	0.000	0	0	1	1
PL.35713	PL.35712	A	2ACSR	15.02Y	125.2	0.00	0.81	0.32	0	4	2	89	0.00	0.0	9.627	0.093	0	0	0	1
1138022	PL.35713	A	Consumer	15.02Y	125.2	0.00	0.81	0.32	0	4	2	89	0.00	0.0	9.627	0.000	4	2	1	1
PL.36601	PL.10233	A	4ACSR	15.02Y	125.2	0.00	0.81	0.23	0	3	1	95	0.00	0.0	9.150	0.006	0	0	0	1
PD.5675	PL.36601	A	fuse6AMP	15.02Y	125.2	0.00	0.81	0.23	4	3	1	95	0.00	0.0	9.150	0.000	0	0	0	1
PL.36602	PD.5675	A	4ACSR	15.02Y	125.2	0.00	0.81	0.23	0	3	1	95	0.00	0.0	9.292	0.142	0	0	0	1
113803	PL.36602	A	Consumer	15.02Y	125.2	0.00	0.81	0.23	0	3	1	95	0.00	0.0	9.292	0.000	3	1	1	1
PL.36599	PL.10232	A	4ACSR	15.02Y	125.2	0.00	0.81	0.31	0	4	2	89	0.00	0.0	9.116	0.006	0	0	0	1
PD.5674	PL.36599	A	fuse6AMP	15.02Y	125.2	0.00	0.81	0.31	5	4	2	89	0.00	0.0	9.116	0.000	0	0	0	1
PL.36600	PD.5674	A	4ACSR	15.02Y	125.2	0.00	0.81	0.31	0	4	2	89	0.00	0.0	9.147	0.032	0	0	0	1
113804	PL.36600	A	Consumer	15.02Y	125.2	0.00	0.81	0.31	0	4	2	89	0.00	0.0	9.147	0.000	4	2	1	1
PL.36597	PL.36596	A	4ACSR	15.02Y	125.2	0.00	0.80	0.44	0	6	2	95	0.00	0.0	8.967	0.006	0	0	0	1
PD.5673	PL.36597	A	fuse6AMP	15.02Y	125.2	0.00	0.80	0.44	7	6	2	95	0.00	0.0	8.967	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: UNION 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 PL.36598, 113805, PL.36592, etc.

Unbalanced Voltage Drop Report
Source: UNION 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 'Units Displayed In Volts -Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: UNION 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-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PL.17799	PD.835	A	4ACSR	15.11Y	125.9	0.00	0.07	0.46	0	7	2	96	0.00	0.0	3.338	0.050	0	0	0	3
PL.682	PL.17799	A	4ACSR	15.11Y	125.9	0.00	0.07	0.46	0	7	2	96	0.00	0.0	3.392	0.054	0	0	0	3
115934	PL.682	A	Consumer	15.11Y	125.9	0.00	0.07	0.02	0	0	0	100	0.00	0.0	3.392	0.000	0	0	1	1
115918	PL.682	A	Consumer	15.11Y	125.9	0.00	0.07	0.08	0	1	0	100	0.00	0.0	3.392	0.000	1	0	1	1
115901	PL.682	A	Consumer	15.11Y	125.9	0.00	0.07	0.36	0	5	2	93	0.00	0.0	3.392	0.000	5	2	1	1
PL.27677	PL.25442	C	4ACSR	15.11Y	125.9	0.00	0.07	0.15	0	2	1	89	0.00	0.0	3.107	0.016	0	0	0	2
PD.837	PL.27677	C	fuse6AMP	15.11Y	125.9	0.00	0.07	0.15	3	2	1	89	0.00	0.0	3.107	0.000	0	0	0	2
PL.27678	PD.837	C	4ACSR	15.11Y	125.9	0.00	0.07	0.15	0	2	1	89	0.00	0.0	3.154	0.047	0	0	0	2
115924	PL.27678	C	Consumer	15.11Y	125.9	0.00	0.07	0.09	0	1	0	100	0.00	0.0	3.154	0.000	1	0	1	1
115923	PL.27678	C	Consumer	15.11Y	125.9	0.00	0.07	0.05	0	1	0	100	0.00	0.0	3.154	0.000	1	0	1	1
PL.17255	PL.25437	C	4ACSR	15.12Y	126.0	0.00	0.01	0.62	1	9	3	95	0.00	0.0	2.734	0.018	0	0	0	2
PD.838	PL.17255	C	fuse6AMP	15.12Y	126.0	0.00	0.01	0.62	11	9	3	95	0.00	0.0	2.734	0.000	0	0	0	2
PL.17256	PD.838	C	4ACSR	15.12Y	126.0	0.00	0.01	0.62	1	9	3	95	0.00	0.0	2.777	0.043	0	0	0	2
PL.681	PL.17256	C	4ACSR	15.12Y	126.0	0.00	0.01	0.16	0	2	1	89	0.00	0.0	2.820	0.043	0	0	0	1
115855	PL.681	C	Consumer	15.12Y	126.0	0.00	0.01	0.16	0	2	1	89	0.00	0.0	2.820	0.000	2	1	1	1
115856	PL.17256	C	Consumer	15.12Y	126.0	0.00	0.01	0.46	0	7	2	96	0.00	0.0	2.777	0.000	7	2	1	1
115843	PL.25436	B	Consumer	14.83Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	2.637	0.000	0	0	0	0
115844	PL.25436	B	Consumer	14.83Y	123.6	0.00	2.38	0.58	0	8	3	94	0.00	0.0	2.637	0.000	8	3	1	1
115835	PL.25436	B	Consumer	14.83Y	123.6	0.00	2.38	1.27	0	18	6	95	0.00	0.0	2.637	0.000	18	6	1	1
PL.17762	PL.25435	C	4ACSR	15.07Y	125.6	0.00	0.42	0.79	1	11	4	94	0.00	0.0	2.566	0.008	0	0	0	2
PD.868	PL.17762	C	fuse6AMP	15.07Y	125.6	0.00	0.42	0.79	14	11	4	94	0.00	0.0	2.566	0.000	0	0	0	2
PL.17763	PD.868	C	4ACSR	15.07Y	125.6	0.00	0.42	0.79	1	11	4	94	0.00	0.0	2.580	0.014	0	0	0	2
PL.674	PL.17763	C	4ACSR	15.07Y	125.6	0.00	0.42	0.79	1	11	4	94	0.00	0.0	2.598	0.018	0	0	0	2
115846	PL.674	C	Consumer	15.07Y	125.6	0.00	0.42	0.53	0	8	3	94	0.00	0.0	2.598	0.000	8	3	1	1
115847	PL.674	C	Consumer	15.07Y	125.6	0.00	0.42	0.26	0	4	1	97	0.00	0.0	2.598	0.000	4	1	1	1
115816	PL.25434	C	Consumer	15.07Y	125.6	0.00	0.41	0.22	0	3	1	95	0.00	0.0	2.515	0.000	3	1	1	1
PL.17682	PL.25433	C	4ACSR	15.07Y	125.6	0.00	0.40	0.66	1	9	3	95	0.00	0.0	2.473	0.009	0	0	0	1
PD.869	PL.17682	C	fuse6AMP	15.07Y	125.6	0.00	0.40	0.66	11	9	3	95	0.00	0.0	2.473	0.000	0	0	0	1
PL.17683	PD.869	C	4ACSR	15.07Y	125.6	0.00	0.40	0.66	1	9	3	95	0.00	0.0	2.498	0.024	0	0	0	1
115858	PL.17683	C	Consumer	15.07Y	125.6	0.00	0.40	0.66	0	9	3	95	0.00	0.0	2.498	0.000	9	3	1	1
PL.17595	PL.25429	C	4ACSR	15.08Y	125.7	0.00	0.35	1.79	2	25	9	94	0.00	0.0	2.143	0.013	0	0	0	2
PD.842	PL.17595	C	fuse6AMP	15.08Y	125.7	0.00	0.35	1.79	31	25	9	94	0.00	0.0	2.143	0.000	0	0	0	2
PL.17596	PD.842	C	4ACSR	15.08Y	125.7	0.00	0.35	1.79	2	25	9	94	0.00	0.0	2.187	0.044	0	0	0	2
115810	PL.17596	C	Consumer	15.08Y	125.7	0.00	0.35	0.59	0	8	3	94	0.00	0.0	2.187	0.000	8	3	1	1
115833	PL.17596	C	Consumer	15.08Y	125.7	0.00	0.35	1.20	0	17	6	94	0.00	0.0	2.187	0.000	17	6	1	1
115813	PL.5412	A	Consumer	14.97Y	124.8	0.00	1.21	0.54	0	8	3	94	0.00	0.0	2.106	0.000	8	3	1	1
115812	PL.5412	A	Consumer	14.97Y	124.8	0.00	1.21	0.56	0	8	3	94	0.00	0.0	2.106	0.000	8	3	1	1
115834	PL.5412	A	Consumer	14.97Y	124.8	0.00	1.21	0.61	0	9	3	95	0.00	0.0	2.106	0.000	9	3	1	1

Unbalanced Voltage Drop Report
Source: UNION 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 rows for various elements like 1168108, PL.18499, PD.845, 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.6139-B, PL.37576, PL.17601, etc.

Unbalanced Voltage Drop Report
Source: UNION 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
PD.855	PL.17609	A	fuse6AMP	14.94Y	124.5	0.00	1.51	3.70	63	52	18	94	0.00	0.0	2.318	0.000	0	0	0	7
PL.17610	PD.855	A	4ACSR	14.94Y	124.5	0.01	1.52	3.70	3	52	18	94	0.00	0.0	2.396	0.078	0	0	0	7
PL.23671	PL.17610	A	4ACSR	14.94Y	124.5	0.00	1.52	1.12	1	16	6	94	0.00	0.0	2.470	0.073	0	0	0	2
PL.696	PL.23671	A	4ACSR	14.94Y	124.5	0.00	1.52	1.12	1	16	6	94	0.00	0.0	2.525	0.056	0	0	0	2
1168100	PL.696	A	Consumer	14.94Y	124.5	0.00	1.52	0.66	0	9	3	95	0.00	0.0	2.525	0.000	9	3	1	1
PL.699	PL.696	A	4ACSR	14.94Y	124.5	0.00	1.52	0.46	0	7	2	96	0.00	0.0	2.568	0.042	0	0	0	1
1168105	PL.699	A	Consumer	14.94Y	124.5	0.00	1.52	0.46	0	7	2	96	0.00	0.0	2.568	0.000	7	2	1	1
116837	PL.23671	A	Consumer	14.94Y	124.5	0.00	1.52	0.00	0	0	0	100	0.00	0.0	2.470	0.000	0	0	0	0
PL.23669	PL.17610	A	4ACSR	14.94Y	124.5	0.00	1.52	0.70	1	10	3	96	0.00	0.0	2.433	0.037	0	0	0	1
116849	PL.23669	A	Consumer	14.94Y	124.5	0.00	1.52	0.70	0	10	3	96	0.00	0.0	2.433	0.000	10	3	1	1
PL.8893	PL.17610	A	4ACSR	14.94Y	124.5	0.00	1.52	1.88	2	27	9	95	0.00	0.0	2.400	0.004	0	0	0	4
PL.32966	PL.8893	A	4ACSR	14.94Y	124.5	0.00	1.52	1.07	1	15	5	95	0.00	0.0	2.434	0.034	0	0	0	2
1168109	PL.32966	A	Consumer	14.94Y	124.5	0.00	1.52	0.74	0	10	4	93	0.00	0.0	2.434	0.000	10	4	1	1
PL.32965	PL.32966	A	4ACSR	14.94Y	124.5	0.00	1.52	0.33	0	5	2	93	0.00	0.0	2.467	0.033	0	0	0	1
1168104	PL.32965	A	Consumer	14.94Y	124.5	0.00	1.52	0.33	0	5	2	93	0.00	0.0	2.467	0.000	5	2	1	1
PL.8894	PL.8893	A	4ACSR	14.94Y	124.5	0.00	1.52	0.81	1	11	4	94	0.00	0.0	2.432	0.032	0	0	0	2
116868	PL.8894	A	Consumer	14.94Y	124.5	0.00	1.52	0.41	0	6	2	95	0.00	0.0	2.432	0.000	6	2	1	1
PL.23670	PL.8894	A	4ACSR	14.94Y	124.5	0.00	1.52	0.41	0	6	2	95	0.00	0.0	2.506	0.074	0	0	0	1
116851	PL.23670	A	Consumer	14.94Y	124.5	0.00	1.52	0.41	0	6	2	95	0.00	0.0	2.506	0.000	6	2	1	1
PL.8895	PL.8892	A	4ACSR	14.93Y	124.4	0.05	1.56	20.29	17	286	101	94	0.11	0.0	2.420	0.109	0	0	0	63
PL.8896	PL.8895	A	4ACSR	14.93Y	124.4	0.05	1.61	19.48	16	274	97	94	0.10	0.0	2.525	0.105	0	0	0	61
PL.17613	PL.8896	A	4ACSR	14.93Y	124.4	0.00	1.61	0.35	0	5	2	93	0.00	0.0	2.531	0.006	0	0	0	1
PD.859	PL.17613	A	fuse6AMP	14.93Y	124.4	0.00	1.61	0.35	6	5	2	93	0.00	0.0	2.531	0.000	0	0	0	1
PL.17614	PD.859	A	4ACSR	14.93Y	124.4	0.00	1.61	0.35	0	5	2	93	0.00	0.0	2.562	0.031	0	0	0	1
116821	PL.17614	A	Consumer	14.93Y	124.4	0.00	1.61	0.35	0	5	2	93	0.00	0.0	2.562	0.000	5	2	1	1
PL.17615	PL.8896	A	4ACSR	14.93Y	124.4	0.00	1.61	0.30	0	4	1	97	0.00	0.0	2.533	0.008	0	0	0	1
PD.858	PL.17615	A	fuse6AMP	14.93Y	124.4	0.00	1.61	0.30	5	4	1	97	0.00	0.0	2.533	0.000	0	0	0	1
PL.17616	PD.858	A	4ACSR	14.93Y	124.4	0.00	1.61	0.30	0	4	1	97	0.00	0.0	2.636	0.102	0	0	0	1
116820	PL.17616	A	Consumer	14.93Y	124.4	0.00	1.61	0.30	0	4	1	97	0.00	0.0	2.636	0.000	4	1	1	1
PL.8897	PL.8896	A	4ACSR	14.92Y	124.4	0.02	1.63	18.83	16	265	93	94	0.03	0.0	2.564	0.038	0	0	0	59
PL.5401	PL.8897	A	4ACSR	14.92Y	124.3	0.07	1.70	18.81	16	265	93	94	0.14	0.1	2.732	0.169	0	0	0	58
PL.5399	PL.5401	A	4ACSR	14.92Y	124.3	0.00	1.70	18.81	16	265	93	94	0.00	0.0	2.733	0.001	0	0	0	58
PL.35041	PL.5399	A	2ACSR	14.92Y	124.3	0.00	1.70	0.67	0	9	3	95	0.00	0.0	2.773	0.040	0	0	0	1
1169048	PL.35041	A	Consumer	14.92Y	124.3	0.00	1.70	0.67	0	9	3	95	0.00	0.0	2.773	0.000	9	3	1	1
PL.17617	PL.5399	A	4ACSR	14.92Y	124.3	0.00	1.70	17.71	15	249	88	94	0.00	0.0	2.739	0.006	0	0	0	56
PD.54-A	PL.17617	A	Closed	14.92Y	124.3	0.00	1.70	17.71	0	249	88	94	0.00	0.0	2.739	0.000	0	0	0	56
PD.54-B	PD.54-A	A	Closed	14.92Y	124.3	0.00	1.70	17.71	0	249	88	94	0.00	0.0	2.739	0.000	0	0	0	56
PL.17618	PD.54-B	A	4ACSR	14.91Y	124.2	0.07	1.77	17.71	15	249	88	94	0.12	0.0	2.905	0.166	0	0	0	56

Unbalanced Voltage Drop Report
Source: UNION 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: UNION 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.657	PL.29571	A	4ACSR	14.89Y	124.1	0.00	1.94	1.24	1	17	6	94	0.00	0.0	3.734	0.073	0	0	0	5
116931	PL.657	A	Consumer	14.89Y	124.1	0.00	1.94	0.34	0	5	2	93	0.00	0.0	3.734	0.000	5	2	1	1
PL.23663	PL.657	A	4ACSR	14.89Y	124.1	0.00	1.94	0.91	1	13	4	96	0.00	0.0	3.769	0.034	0	0	0	4
PL.23666	PL.23663	A	4ACSR	14.89Y	124.1	0.00	1.94	0.15	0	2	1	89	0.00	0.0	3.816	0.047	0	0	0	2
PL.23665	PL.23666	A	4ACSR	14.89Y	124.1	0.00	1.94	0.15	0	2	1	89	0.00	0.0	3.883	0.067	0	0	0	2
PL.23664	PL.23665	A	4ACSR	14.89Y	124.1	0.00	1.95	0.15	0	2	1	89	0.00	0.0	3.952	0.069	0	0	0	2
116940	PL.23664	A	Consumer	14.89Y	124.1	0.00	1.95	0.00	0	0	0	100	0.00	0.0	3.952	0.000	0	0	1	1
PL.689	PL.23664	A	4ACSR	14.89Y	124.1	0.00	1.95	0.15	0	2	1	89	0.00	0.0	4.050	0.098	0	0	0	1
116942	PL.689	A	Consumer	14.89Y	124.1	0.00	1.95	0.15	0	2	1	89	0.00	0.0	4.050	0.000	2	1	1	1
116934	PL.23663	A	Consumer	14.89Y	124.1	0.00	1.94	0.69	0	10	3	96	0.00	0.0	3.769	0.000	10	3	1	1
116932	PL.23663	A	Consumer	14.89Y	124.1	0.00	1.94	0.06	0	1	0	100	0.00	0.0	3.769	0.000	1	0	1	1
PL.23667	PL.29571	A	4ACSR	14.89Y	124.1	0.00	1.94	1.11	1	16	5	95	0.00	0.0	3.757	0.096	0	0	0	4
116929	PL.23667	A	Consumer	14.89Y	124.1	0.00	1.94	0.00	0	0	0	100	0.00	0.0	3.757	0.000	0	0	1	1
PL.23668	PL.23667	A	4ACSR	14.89Y	124.1	0.00	1.95	1.11	1	16	5	95	0.00	0.0	3.923	0.166	0	0	0	3
116912	PL.23668	A	Consumer	14.89Y	124.1	0.00	1.95	0.33	0	5	2	93	0.00	0.0	3.923	0.000	5	2	1	1
116930	PL.23668	A	Consumer	14.89Y	124.1	0.00	1.95	0.49	0	7	2	96	0.00	0.0	3.923	0.000	7	2	1	1
116941	PL.23668	A	Consumer	14.89Y	124.1	0.00	1.95	0.29	0	4	1	97	0.00	0.0	3.923	0.000	4	1	1	1
PL.27451	PL.8902	A	4ACSR	14.89Y	124.1	0.00	1.93	1.12	1	16	6	94	0.00	0.0	3.527	0.009	0	0	0	2
PD.866	PL.27451	A	fuse6AMP	14.89Y	124.1	0.00	1.93	1.12	19	16	6	94	0.00	0.0	3.527	0.000	0	0	0	2
PL.27452	PD.866	A	4ACSR	14.89Y	124.1	0.00	1.94	1.12	1	16	6	94	0.00	0.0	3.607	0.080	0	0	0	2
PL.652	PL.27452	A	4ACSR	14.89Y	124.1	0.00	1.94	1.12	1	16	6	94	0.00	0.0	3.670	0.063	0	0	0	2
116937	PL.652	A	Consumer	14.89Y	124.1	0.00	1.94	0.57	0	8	3	94	0.00	0.0	3.670	0.000	8	3	1	1
PL.33110	PL.652	A	4ACSR	14.89Y	124.1	0.00	1.94	0.55	0	8	3	94	0.00	0.0	3.822	0.152	0	0	0	1
1169047	PL.33110	A	Consumer	14.89Y	124.1	0.00	1.94	0.55	0	8	3	94	0.00	0.0	3.822	0.000	8	3	1	1
PL.8703	PL.27452	A	4ACSR	14.89Y	124.1	0.00	1.94	0.00	0	0	0	100	0.00	0.0	3.819	0.212	0	0	0	0
PL.8702	PL.8902	A	4ACSR	14.88Y	124.0	0.04	1.97	5.38	5	76	27	94	0.02	0.0	3.831	0.314	0	0	0	22
PL.27453	PL.8702	A	4ACSR	14.88Y	124.0	0.00	1.97	0.25	0	4	1	97	0.00	0.0	3.841	0.009	0	0	0	3
PD.56-A	PL.27453	A	Closed	14.88Y	124.0	0.00	1.97	0.25	0	4	1	97	0.00	0.0	3.841	0.000	0	0	0	3
PD.56-B	PD.56-A	A	Closed	14.88Y	124.0	0.00	1.97	0.25	0	4	1	97	0.00	0.0	3.841	0.000	0	0	0	3
PL.27454	PD.56-B	A	4ACSR	14.88Y	124.0	0.00	1.97	0.25	0	4	1	97	0.00	0.0	3.881	0.041	0	0	0	3
PL.37577	PL.27454	A	4ACSR	14.88Y	124.0	0.00	1.97	0.25	0	4	1	97	0.00	0.0	3.888	0.006	0	0	0	2
PL.37578	PL.37577	A	4ACSR	14.88Y	124.0	0.00	1.97	0.25	0	4	1	97	0.00	0.0	3.936	0.049	0	0	0	2
116938	PL.37578	A	Consumer	14.88Y	124.0	0.00	1.97	0.01	0	0	0	100	0.00	0.0	3.936	0.000	0	0	1	1
PL.666	PL.37578	A	4ACSR	14.88Y	124.0	0.00	1.97	0.24	0	3	1	95	0.00	0.0	3.974	0.038	0	0	0	1
116919	PL.666	A	Consumer	14.88Y	124.0	0.00	1.97	0.24	0	3	1	95	0.00	0.0	3.974	0.000	3	1	1	1
116939	PL.666	A	Consumer	14.88Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	3.974	0.000	0	0	0	0
PL.8704	PL.27454	A	4ACSR	14.88Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	3.999	0.117	0	0	0	1
PL.30	PL.8704	A	4ACSR	14.88Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	4.064	0.066	0	0	0	1

Unbalanced Voltage Drop Report
Source: UNION 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.326	PL.30	A	4ACSR	14.88Y	124.0	0.00	1.97	0.00	0	0	0	0	100	0.00	0.0	4.067	0.003	0	0	0	0
PL.8705	PL.30	A	4ACSR	14.88Y	124.0	0.00	1.97	0.00	0	0	0	0	100	0.00	0.0	4.363	0.299	0	0	0	1
PL.37729	PL.8705	A	4ACSR	14.88Y	124.0	0.00	1.97	0.00	0	0	0	0	100	0.00	0.0	4.370	0.007	0	0	0	1
PL.37730	PL.37729	A	4ACSR	14.88Y	124.0	0.00	1.97	0.00	0	0	0	0	100	0.00	0.0	4.401	0.031	0	0	0	1
127211	PL.37730	A	Consumer	14.88Y	124.0	0.00	1.97	0.00	0	0	0	0	100	0.00	0.0	4.401	0.000	0	0	1	1
PL.16595	PL.8705	A	4ACSR	14.88Y	124.0	0.00	1.97	0.00	0	0	0	0	100	0.00	0.0	4.592	0.229	0	0	0	0
PL.36560	PL.16595	A	4ACSR	14.88Y	124.0	0.00	1.97	0.00	0	0	0	0	100	0.00	0.0	4.602	0.010	0	0	0	0
PL.36561	PL.36560	A	4ACSR	14.88Y	124.0	0.00	1.97	0.00	0	0	0	0	100	0.00	0.0	4.711	0.109	0	0	0	0
PD.108-B	PL.36561	A	Open	14.88Y	124.0	0.00	1.97	0.00	0	0	0	0	100	0.00	0.0	4.711	0.000	0	0	0	0
116914	PL.8702	A	Consumer	14.88Y	124.0	0.00	1.97	0.32	0	5	2	93	0.00	0.0	3.831	0.000	5	2	1	1	
116921	PL.8702	A	Consumer	14.88Y	124.0	0.00	1.97	0.56	0	8	3	94	0.00	0.0	3.831	0.000	8	3	1	1	
PL.27456	PL.8702	A	4ACSR	14.88Y	124.0	0.00	1.97	4.25	4	60	21	94	0.00	0.0	3.843	0.012	0	0	0	17	
PD.55-A	PL.27456	A	Closed	14.88Y	124.0	0.00	1.97	4.25	0	60	21	94	0.00	0.0	3.843	0.000	0	0	0	17	
PD.55-B	PD.55-A	A	Closed	14.88Y	124.0	0.00	1.97	4.25	0	60	21	94	0.00	0.0	3.843	0.000	0	0	0	17	
PL.27455	PD.55-B	A	4ACSR	14.88Y	124.0	0.00	1.98	4.25	4	60	21	94	0.00	0.0	3.872	0.029	0	0	0	17	
PL.5646	PL.27455	A	4ACSR	14.88Y	124.0	0.01	1.99	4.25	4	60	21	94	0.00	0.0	3.969	0.097	0	0	0	17	
PL.8758	PL.5646	A	4ACSR	14.88Y	124.0	0.01	1.99	3.44	3	48	17	94	0.00	0.0	4.068	0.099	0	0	0	16	
126212	PL.8758	A	Consumer	14.88Y	124.0	0.00	1.99	0.03	0	0	0	100	0.00	0.0	4.068	0.000	0	0	1	1	
PL.37579	PL.8758	A	4ACSR	14.88Y	124.0	0.00	1.99	0.51	0	7	3	92	0.00	0.0	4.077	0.009	0	0	0	2	
PD.6141	PL.37579	A	fuse6AMP	14.88Y	124.0	0.00	1.99	0.51	9	7	3	92	0.00	0.0	4.077	0.000	0	0	0	2	
PL.37580	PD.6141	A	4ACSR	14.88Y	124.0	0.00	2.00	0.51	0	7	3	92	0.00	0.0	4.302	0.225	0	0	0	2	
126209	PL.37580	A	Consumer	14.88Y	124.0	0.00	2.00	0.17	0	2	1	89	0.00	0.0	4.302	0.000	2	1	1	1	
127208	PL.37580	A	Consumer	14.88Y	124.0	0.00	2.00	0.34	0	5	2	93	0.00	0.0	4.302	0.000	5	2	1	1	
PL.8760	PL.8758	A	4ACSR	14.88Y	124.0	0.01	2.00	2.90	2	41	14	95	0.00	0.0	4.163	0.095	0	0	0	13	
PL.37582	PL.8760	A	4ACSR	14.88Y	124.0	0.00	2.00	0.95	1	13	5	93	0.00	0.0	4.173	0.009	0	0	0	3	
PD.6142	PL.37582	A	fuse6AMP	14.88Y	124.0	0.00	2.00	0.95	16	13	5	93	0.00	0.0	4.173	0.000	0	0	0	3	
PL.37581	PD.6142	A	4ACSR	14.88Y	124.0	0.00	2.00	0.95	1	13	5	93	0.00	0.0	4.207	0.034	0	0	0	3	
PL.918	PL.37581	A	4ACSR	14.88Y	124.0	0.00	2.00	0.03	0	0	0	100	0.00	0.0	4.242	0.036	0	0	0	1	
126204	PL.918	A	Consumer	14.88Y	124.0	0.00	2.00	0.03	0	0	0	100	0.00	0.0	4.242	0.000	0	0	1	1	
PL.8765	PL.37581	A	4ACSR	14.88Y	124.0	0.00	2.00	0.92	1	13	5	93	0.00	0.0	4.334	0.127	0	0	0	2	
PL.8764	PL.8765	A	4ACSR	14.88Y	124.0	0.00	2.00	0.26	0	4	1	97	0.00	0.0	4.437	0.103	0	0	0	1	
126207	PL.8764	A	Consumer	14.88Y	124.0	0.00	2.00	0.26	0	4	1	97	0.00	0.0	4.437	0.000	4	1	1	1	
PL.926	PL.8765	A	4ACSR	14.88Y	124.0	0.00	2.01	0.66	1	9	3	95	0.00	0.0	4.488	0.155	0	0	0	1	
126215	PL.926	A	Consumer	14.88Y	124.0	0.00	2.01	0.66	0	9	3	95	0.00	0.0	4.488	0.000	9	3	1	1	
126202	PL.8760	A	Consumer	14.88Y	124.0	0.00	2.00	0.24	0	3	1	95	0.00	0.0	4.163	0.000	3	1	1	1	
126206	PL.8760	A	Consumer	14.88Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	4.163	0.000	0	0	0	0	
126214	PL.8760	A	Consumer	14.88Y	124.0	0.00	2.00	0.02	0	0	0	100	0.00	0.0	4.163	0.000	0	0	1	1	
PL.8759	PL.8760	A	4ACSR	14.88Y	124.0	0.00	2.00	1.32	1	18	6	95	0.00	0.0	4.221	0.058	0	0	0	6	

Unbalanced Voltage Drop Report
Source: UNION 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, 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: UNION 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.22290	PL.17618	A	4ACSR	14.91Y	124.2	0.00	1.77	0.78	1	11	4	94	0.00	0.0	2.918	0.013	0	0	0	2
PD.3075	PL.22290	A	fuse6AMP	14.91Y	124.2	0.00	1.77	0.78	13	11	4	94	0.00	0.0	2.918	0.000	0	0	0	2
PL.22291	PD.3075	A	4ACSR	14.91Y	124.2	0.00	1.77	0.78	1	11	4	94	0.00	0.0	3.053	0.136	0	0	0	2
PL.8898	PL.22291	A	4ACSR	14.91Y	124.2	0.00	1.77	0.02	0	0	0	100	0.00	0.0	3.263	0.210	0	0	0	1
116901	PL.8898	A	Consumer	14.91Y	124.2	0.00	1.77	0.02	0	0	0	100	0.00	0.0	3.263	0.000	0	0	1	1
PL.663	PL.8898	A	4ACSR	14.91Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	3.541	0.278	0	0	0	0
116933	PL.22291	A	Consumer	14.91Y	124.2	0.00	1.77	0.77	0	11	4	94	0.00	0.0	3.053	0.000	11	4	1	1
116903	PL.5399	A	Consumer	14.92Y	124.3	0.00	1.70	0.43	0	6	2	95	0.00	0.0	2.733	0.000	6	2	1	1
116862	PL.8897	A	Consumer	14.92Y	124.4	0.00	1.63	0.02	0	0	0	100	0.00	0.0	2.564	0.000	0	0	1	1
PL.17611	PL.8895	A	4ACSR	14.93Y	124.4	0.00	1.56	0.80	1	11	4	94	0.00	0.0	2.427	0.007	0	0	0	2
PD.857	PL.17611	A	fuse6AMP	14.93Y	124.4	0.00	1.56	0.80	14	11	4	94	0.00	0.0	2.427	0.000	0	0	0	2
PL.17612	PD.857	A	4ACSR	14.93Y	124.4	0.00	1.56	0.80	1	11	4	94	0.00	0.0	2.460	0.033	0	0	0	2
116896	PL.17612	A	Consumer	14.93Y	124.4	0.00	1.56	0.79	0	11	4	94	0.00	0.0	2.460	0.000	11	4	1	1
116897	PL.17612	A	Consumer	14.93Y	124.4	0.00	1.56	0.01	0	0	0	100	0.00	0.0	2.460	0.000	0	0	1	1
PL.17605	PL.8891	A	4ACSR	14.94Y	124.5	0.00	1.46	3.27	3	46	16	94	0.00	0.0	2.224	0.011	0	0	0	5
PD.854	PL.17605	A	fuse6AMP	14.94Y	124.5	0.00	1.46	3.27	56	46	16	94	0.00	0.0	2.224	0.000	0	0	0	5
PL.17606	PD.854	A	4ACSR	14.94Y	124.5	0.01	1.47	3.27	3	46	16	94	0.00	0.0	2.291	0.067	0	0	0	5
116860	PL.17606	A	Consumer	14.94Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.291	0.000	0	0	0	0
116884	PL.17606	A	Consumer	14.94Y	124.5	0.00	1.47	0.13	0	2	1	89	0.00	0.0	2.291	0.000	2	1	1	1
116845	PL.17606	A	Consumer	14.94Y	124.5	0.00	1.47	1.27	0	18	6	95	0.00	0.0	2.291	0.000	18	6	1	1
PL.5408	PL.17606	A	4ACSR	14.94Y	124.5	0.00	1.47	1.87	2	26	9	94	0.00	0.0	2.317	0.026	0	0	0	3
PL.5409	PL.5408	A	4ACSR	14.94Y	124.5	0.00	1.47	1.45	1	20	7	94	0.00	0.0	2.346	0.029	0	0	0	2
116856	PL.5409	A	Consumer	14.94Y	124.5	0.00	1.47	0.51	0	7	3	92	0.00	0.0	2.346	0.000	7	3	1	1
116855	PL.5409	A	Consumer	14.94Y	124.5	0.00	1.47	0.94	0	13	5	93	0.00	0.0	2.346	0.000	13	5	1	1
116854	PL.5408	A	Consumer	14.94Y	124.5	0.00	1.47	0.42	0	6	2	95	0.00	0.0	2.317	0.000	6	2	1	1
116852	PL.8888	A	Consumer	14.95Y	124.6	0.00	1.40	0.19	0	3	1	95	0.00	0.0	2.116	0.000	3	1	1	1
PL.17578	PL.8884	A	4ACSR	14.97Y	124.7	0.00	1.28	0.53	0	8	3	94	0.00	0.0	1.961	0.005	0	0	0	2
PD.850	PL.17578	A	fuse6AMP	14.97Y	124.7	0.00	1.28	0.53	9	8	3	94	0.00	0.0	1.961	0.000	0	0	0	2
PL.17579	PD.850	A	4ACSR	14.97Y	124.7	0.00	1.28	0.53	0	8	3	94	0.00	0.0	1.980	0.019	0	0	0	2
PL.658	PL.17579	A	4ACSR	14.97Y	124.7	0.00	1.28	0.27	0	4	1	97	0.00	0.0	1.997	0.017	0	0	0	1
116805	PL.658	A	Consumer	14.97Y	124.7	0.00	1.28	0.27	0	4	1	97	0.00	0.0	1.997	0.000	4	1	1	1
116833	PL.17579	A	Consumer	14.97Y	124.7	0.00	1.28	0.27	0	4	1	97	0.00	0.0	1.980	0.000	4	1	1	1
116886	PL.5402	B	Consumer	14.87Y	124.0	0.00	2.04	0.13	0	2	1	89	0.00	0.0	1.695	0.000	2	1	1	1
PL.17585	PL.9030	C	4ACSR	15.09Y	125.8	0.00	0.23	0.61	1	9	3	95	0.00	0.0	1.497	0.010	0	0	0	1
PD.847	PL.17585	C	fuse6AMP	15.09Y	125.8	0.00	0.23	0.61	10	9	3	95	0.00	0.0	1.497	0.000	0	0	0	1
PL.17586	PD.847	C	4ACSR	15.09Y	125.8	0.00	0.23	0.61	1	9	3	95	0.00	0.0	1.542	0.045	0	0	0	1
116801	PL.17586	C	Consumer	15.09Y	125.8	0.00	0.23	0.61	0	9	3	95	0.00	0.0	1.542	0.000	9	3	1	1
PL.17583	PL.9029	A	4ACSR	15.01Y	125.1	0.00	0.92	0.48	0	7	2	96	0.00	0.0	1.445	0.008	0	0	0	1

Unbalanced Voltage Drop Report
Source: UNION 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
PD.848	PL.17583	A	fuse6AMP	15.01Y	125.1	0.00	0.92	0.48	8	7	2	96	0.00	0.0	1.445	0.000	0	0	0	1
PL.17584	PD.848	A	4ACSR	15.01Y	125.1	0.00	0.92	0.48	0	7	2	96	0.00	0.0	1.473	0.028	0	0	0	1
116826	PL.17584	A	Consumer	15.01Y	125.1	0.00	0.92	0.48	0	7	2	96	0.00	0.0	1.473	0.000	7	2	1	1
PL.27448	PL.9027	A	4ACSR	15.02Y	125.1	0.00	0.85	0.89	1	13	4	96	0.00	0.0	1.352	0.014	0	0	0	2
PD.811	PL.27448	A	fuse6AMP	15.02Y	125.1	0.00	0.85	0.89	15	13	4	96	0.00	0.0	1.352	0.000	0	0	0	2
PL.17582	PD.811	A	4ACSR	15.02Y	125.1	0.00	0.86	0.89	1	13	4	96	0.00	0.0	1.385	0.033	0	0	0	2
116709	PL.17582	A	Consumer	15.02Y	125.1	0.00	0.86	0.69	0	10	3	96	0.00	0.0	1.385	0.000	10	3	1	1
116722	PL.17582	A	Consumer	15.02Y	125.1	0.00	0.86	0.21	0	3	1	95	0.00	0.0	1.385	0.000	3	1	1	1
116718	PL.21669	C	Consumer	15.09Y	125.8	0.00	0.22	0.46	0	6	2	95	0.00	0.0	1.194	0.000	6	2	1	1
PL.27446	PL.21669	C	4ACSR	15.09Y	125.8	0.00	0.22	0.64	1	9	3	95	0.00	0.0	1.205	0.011	0	0	0	1
PD.812	PL.27446	C	fuse6AMP	15.09Y	125.8	0.00	0.22	0.64	11	9	3	95	0.00	0.0	1.205	0.000	0	0	0	1
PL.27447	PD.812	C	4ACSR	15.09Y	125.8	0.00	0.22	0.64	1	9	3	95	0.00	0.0	1.281	0.076	0	0	0	1
116724	PL.27447	C	Consumer	15.09Y	125.8	0.00	0.22	0.64	0	9	3	95	0.00	0.0	1.281	0.000	9	3	1	1
PL.27440	PL.9014	A	4ACSR	15.05Y	125.4	-0.00	0.59	0.00	0	0	0	100	0.00	0.0	0.960	0.011	0	0	0	1
PD.815	PL.27440	A	fuse6AMP	15.05Y	125.4	0.00	0.59	0.00	0	0	0	100	0.00	0.0	0.960	0.000	0	0	0	1
PL.27441	PD.815	A	4ACSR	15.05Y	125.4	-0.00	0.59	0.00	0	0	0	100	0.00	0.0	1.003	0.042	0	0	0	1
116703	PL.27441	A	Consumer	15.05Y	125.4	0.00	0.59	0.00	0	0	0	100	0.00	0.0	1.003	0.000	0	0	1	1
116713	PL.27441	A	Consumer	15.05Y	125.4	0.00	0.59	0.00	0	0	0	100	0.00	0.0	1.003	0.000	0	0	0	0
PL.27442	PL.9014	A	4ACSR	15.05Y	125.4	0.00	0.59	0.38	0	5	2	93	0.00	0.0	0.960	0.011	0	0	0	1
PD.813	PL.27442	A	fuse6AMP	15.05Y	125.4	0.00	0.59	0.38	6	5	2	93	0.00	0.0	0.960	0.000	0	0	0	1
PL.27443	PD.813	A	4ACSR	15.05Y	125.4	0.00	0.59	0.38	0	5	2	93	0.00	0.0	1.002	0.041	0	0	0	1
116704	PL.27443	A	Consumer	15.05Y	125.4	0.00	0.59	0.38	0	5	2	93	0.00	0.0	1.002	0.000	5	2	1	1
PL.27438	PL.9013	A	4ACSR	15.06Y	125.5	0.00	0.46	1.57	1	22	8	94	0.00	0.0	0.764	0.011	0	0	0	4
PD.814	PL.27438	A	fuse6AMP	15.06Y	125.5	0.00	0.46	1.57	27	22	8	94	0.00	0.0	0.764	0.000	0	0	0	4
PL.27439	PD.814	A	4ACSR	15.06Y	125.5	0.00	0.46	1.57	1	22	8	94	0.00	0.0	0.834	0.070	0	0	0	4
PL.4660	PL.27439	A	4ACSR	15.06Y	125.5	0.00	0.46	0.61	1	9	3	95	0.00	0.0	0.834	0.000	0	0	0	2
PL.4661	PL.4660	A	4ACSR	15.06Y	125.5	0.00	0.47	0.61	1	9	3	95	0.00	0.0	0.946	0.113	0	0	0	2
PL.495	PL.4661	A	4ACSR	15.06Y	125.5	0.00	0.47	0.16	0	2	1	89	0.00	0.0	1.069	0.123	0	0	0	1
116714	PL.495	A	Consumer	15.06Y	125.5	0.00	0.47	0.16	0	2	1	89	0.00	0.0	1.069	0.000	2	1	1	1
PL.496	PL.4661	A	4ACSR	15.06Y	125.5	0.00	0.47	0.44	0	6	2	95	0.00	0.0	0.998	0.051	0	0	0	1
PL.24350	PL.496	A	4ACSR	15.06Y	125.5	0.00	0.47	0.44	0	6	2	95	0.00	0.0	1.118	0.121	0	0	0	1
651601	PL.24350	A	Consumer	15.06Y	125.5	0.00	0.47	0.44	0	6	2	95	0.00	0.0	1.118	0.000	6	2	1	1
116702	PL.27439	A	Consumer	15.06Y	125.5	0.00	0.46	0.22	0	3	1	95	0.00	0.0	0.834	0.000	3	1	1	1
116738	PL.27439	A	Consumer	15.06Y	125.5	0.00	0.46	0.74	0	11	4	94	0.00	0.0	0.834	0.000	11	4	1	1
PL.613	PL.33000	A	4ACSR	15.07Y	125.6	0.00	0.40	0.40	0	6	2	95	0.00	0.0	0.707	0.039	0	0	0	1
116728	PL.613	A	Consumer	15.07Y	125.6	0.00	0.40	0.40	0	6	2	95	0.00	0.0	0.707	0.000	6	2	1	1
PL.32998	PL.32999	C	1/0EPRJCN	15.11Y	125.9	0.00	0.09	0.88	0	13	4	96	0.00	0.0	0.637	0.048	0	0	0	2
1167064	PL.32998	C	Consumer	15.11Y	125.9	0.00	0.09	0.90	0	13	5	93	0.00	0.0	0.637	0.000	7	3	1	2

Unbalanced Voltage Drop Report
Source: UNION 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-	Accum Drop	Thru Amps	% Cap	Thru KW		% KVAR	% Loss			% Loss	Length (mi)	KW	KVAR
1167065	1167064	C	Consumer	15.11Y	125.9	0.00	0.09	0.38	0	5	2	93	0.00	0.0	0.637	0.000	5	2	1	1
116753	PL.297	C	Consumer	15.12Y	126.0	0.00	0.03	0.15	0	2	1	89	0.00	0.0	0.304	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	8282	0	0	0	0	0	74		0.00	8356
KVAR	2921	0	0	-246	0	0	75			2750

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 123.99 volts on PL.926	2.01 volts on PL.926	0.15 volts on PL.21668
B-Phase -> 121.03 volts on PL.8865	4.97 volts on PL.8865	0.69 volts on PL.17588
C-Phase -> 125.31 volts on PL.798	0.69 volts on PL.798	0.10 volts on PL.28

Unbalanced Voltage Drop Report
Source: VAN METER

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 (VANMTR1) Beginning with Device PD.3905.

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.38205	PD.6653	B	4ACSR	7.51Y	125.2	0.01	0.77	1.67	1	11	5	91	0.00	0.0	0.880	0.071	0	0	0	2	
475539	PL.38205	B	Consumer	7.51Y	125.2	0.00	0.77	0.78	0	5	2	93	0.00	0.0	0.880	0.000	5	2	1	1	
475534	PL.38205	B	Consumer	7.51Y	125.2	0.00	0.77	0.88	0	6	3	89	0.00	0.0	0.880	0.000	6	3	1	1	
PL.9648	PL.38215	B	4ACSR	7.51Y	125.2	0.07	0.84	10.21	9	70	31	91	0.04	0.1	0.959	0.153	0	0	0	30	
PL.9766	PL.9648	B	4ACSR	7.51Y	125.1	0.04	0.88	9.56	8	66	29	92	0.02	0.0	1.055	0.096	0	0	0	29	
PL.9767	PL.9766	B	4ACSR	7.51Y	125.1	0.03	0.91	6.49	5	45	19	92	0.01	0.0	1.142	0.087	0	0	0	23	
PL.9768	PL.9767	B	4ACSR	7.50Y	125.1	0.01	0.92	6.49	5	45	19	92	0.00	0.0	1.181	0.039	0	0	0	23	
PL.9769	PL.9768	B	4ACSR	7.50Y	125.1	0.02	0.94	5.18	4	36	15	92	0.00	0.0	1.246	0.065	0	0	0	22	
PL.6599	PL.9769	B	4ACSR	7.50Y	125.0	0.02	0.95	4.80	4	33	14	92	0.00	0.0	1.325	0.079	0	0	0	21	
PL.6598	PL.6599	B	4ACSR	7.50Y	125.0	0.02	0.97	4.51	4	31	13	92	0.00	0.0	1.411	0.086	0	0	0	19	
PL.24841	PL.6598	B	4ACSR	7.50Y	125.0	0.00	0.97	1.11	1	8	3	94	0.00	0.0	1.424	0.013	0	0	0	17	
PL.38222	PL.24841	B	4ACSR	7.50Y	125.0	0.00	0.97	1.11	1	8	3	94	0.00	0.0	1.456	0.031	0	0	0	17	
PD.428-A	PL.38222	B	Closed	7.50Y	125.0	0.00	0.97	1.11	0	8	3	94	0.00	0.0	1.456	0.000	0	0	0	17	
PD.428-B	PD.428-A	B	Closed	7.50Y	125.0	0.00	0.97	1.11	0	8	3	94	0.00	0.0	1.456	0.000	0	0	0	17	
PL.38223	PD.428-B	B	4ACSR	7.50Y	125.0	0.00	0.97	1.11	1	8	3	94	0.00	0.0	1.464	0.009	0	0	0	17	
475616	PL.38223	B	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	1.464	0.000	0	0	0	0	
PL.9770	PL.38223	B	4ACSR	7.50Y	125.0	0.01	0.98	1.11	1	8	3	94	0.00	0.0	1.624	0.160	0	0	0	17	
PL.9771	PL.9770	B	4ACSR	7.50Y	125.0	0.00	0.98	1.11	1	8	3	94	0.00	0.0	1.624	0.000	0	0	0	17	
475603	PL.9771	B	Consumer	7.50Y	125.0	0.00	0.98	0.19	0	1	1	71	0.00	0.0	1.624	0.000	1	1	1	1	
PL.9772	PL.9771	B	4ACSR	7.50Y	125.0	0.01	0.99	0.92	1	6	3	89	0.00	0.0	1.820	0.196	0	0	0	16	
PL.9773	PL.9772	B	4ACSR	7.50Y	125.0	0.02	1.01	0.92	1	6	3	89	0.00	0.0	2.224	0.404	0	0	0	13	
476602	PL.9773	B	Consumer	7.50Y	125.0	0.00	1.01	0.51	0	3	2	83	0.00	0.0	2.224	0.000	3	2	1	1	
PL.9776	PL.9773	B	4ACSR	7.50Y	125.0	0.00	1.01	0.41	0	3	1	95	0.00	0.0	2.417	0.194	0	0	0	12	
PL.24843	PL.9776	B	4ACSR	7.50Y	125.0	0.00	1.01	0.41	0	3	1	95	0.00	0.0	2.425	0.007	0	0	0	10	
PL.24844	PL.24843	B	4ACSR	7.50Y	125.0	0.00	1.01	0.41	0	3	1	95	0.00	0.0	2.532	0.107	0	0	0	10	
PL.9786	PL.24844	B	4ACSR	7.50Y	125.0	0.00	1.01	0.35	0	2	1	89	0.00	0.0	2.533	0.002	0	0	0	2	
PL.38232	PL.9786	B	4ACSR	7.50Y	125.0	0.00	1.01	0.35	0	2	1	89	0.00	0.0	2.537	0.004	0	0	0	1	
PD.6662	PL.38232	B	fuse6AMP	7.50Y	125.0	0.00	1.01	0.35	6	2	1	89	0.00	0.0	2.537	0.000	0	0	0	1	
PL.38233	PD.6662	B	4ACSR	7.50Y	125.0	0.00	1.02	0.35	0	2	1	89	0.00	0.0	2.717	0.180	0	0	0	1	
476611	PL.38233	B	Consumer	7.50Y	125.0	0.00	1.02	0.35	0	2	1	89	0.00	0.0	2.717	0.000	2	1	1	1	
PL.38234	PL.9786	B	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.550	0.017	0	0	0	1	
PD.6663	PL.38234	B	fuse6AMP	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.550	0.000	0	0	0	1	
PL.38235	PD.6663	B	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.721	0.171	0	0	0	1	
PL.9784	PL.38235	B	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.778	0.058	0	0	0	0	
PL.9785	PL.9784	B	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.804	0.025	0	0	0	0	
PL.3033	PL.9784	B	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	3.088	0.310	0	0	0	0	
476606	PL.3033	B	Consumer	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	3.088	0.000	0	0	0	0	
476610	PL.38235	B	Consumer	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.721	0.000	0	0	1	1	

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.19110	PL.24844	B	4ACSR	7.50Y	125.0	0.00	1.01	0.07	0	0	0	100	0.00	0.0	2.548	0.016	0	0	0	8
PL.40416	PL.19110	B	4ACSR	7.50Y	125.0	0.00	1.01	0.07	0	0	0	100	0.00	0.0	2.557	0.010	0	0	0	8
PD.7563-A	PL.40416	B	Closed	7.50Y	125.0	0.00	1.01	0.07	0	0	0	100	0.00	0.0	2.557	0.000	0	0	0	8
PD.7563-B	PD.7563-A	B	Closed	7.50Y	125.0	0.00	1.01	0.07	0	0	0	100	0.00	0.0	2.557	0.000	0	0	0	8
PL.40417	PD.7563-B	B	4ACSR	7.50Y	125.0	0.00	1.01	0.07	0	0	0	100	0.00	0.0	2.772	0.214	0	0	0	8
PL.9778	PL.40417	B	4ACSR	7.50Y	125.0	0.00	1.02	0.07	0	0	0	100	0.00	0.0	3.632	0.861	0	0	0	6
PL.9184	PL.9778	B	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	3.641	0.009	0	0	0	0
PD.1570	PL.9184	B	fuse6AMP	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	3.641	0.000	0	0	0	0
PL.9185	PD.1570	B	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	3.855	0.214	0	0	0	0
476706	PL.9185	B	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	3.855	0.000	0	0	0	0
PL.8820	PL.9778	B	4ACSR	7.50Y	125.0	0.00	1.02	0.07	0	0	0	100	0.00	0.0	3.778	0.145	0	0	0	6
PD.429-A	PL.8820	B	Closed	7.50Y	125.0	0.00	1.02	0.07	0	0	0	100	0.00	0.0	3.778	0.000	0	0	0	6
PD.429-B	PD.429-A	B	Closed	7.50Y	125.0	0.00	1.02	0.07	0	0	0	100	0.00	0.0	3.778	0.000	0	0	0	6
PL.8821	PD.429-B	B	4ACSR	7.50Y	125.0	0.00	1.02	0.07	0	0	0	100	0.00	0.0	3.787	0.009	0	0	0	6
PL.8822	PL.8821	B	4ACSR	7.50Y	125.0	0.00	1.02	0.05	0	0	0	100	0.00	0.0	3.796	0.009	0	0	0	4
PD.1571	PL.8822	B	fuse6AMP	7.50Y	125.0	0.00	1.02	0.05	1	0	0	100	0.00	0.0	3.796	0.000	0	0	0	4
PL.8823	PD.1571	B	4ACSR	7.50Y	125.0	0.00	1.02	0.05	0	0	0	100	0.00	0.0	4.056	0.260	0	0	0	4
PL.6823	PL.8823	B	4ACSR	7.50Y	125.0	0.00	1.02	0.05	0	0	0	100	0.00	0.0	4.271	0.215	0	0	0	4
PL.9781	PL.6823	B	4ACSR	7.50Y	125.0	0.00	1.02	0.05	0	0	0	100	0.00	0.0	4.304	0.033	0	0	0	4
PL.8826	PL.9781	B	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	4.309	0.005	0	0	0	1
PD.1574	PL.8826	B	fuse6AMP	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	4.309	0.000	0	0	0	1
PL.8827	PD.1574	B	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	4.374	0.065	0	0	0	1
PL.3032	PL.8827	B	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	4.615	0.241	0	0	0	1
476609	PL.3032	B	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	4.615	0.000	0	0	1	1
PL.9782	PL.9781	B	4ACSR	7.50Y	125.0	0.00	1.02	0.05	0	0	0	100	0.00	0.0	4.305	0.001	0	0	0	3
PL.9783	PL.9782	B	4ACSR	7.50Y	125.0	0.00	1.02	0.05	0	0	0	100	0.00	0.0	4.624	0.318	0	0	0	2
477702	PL.9783	B	Consumer	7.50Y	125.0	0.00	1.02	0.05	0	0	0	100	0.00	0.0	4.624	0.000	0	0	1	1
477701	PL.9783	B	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	4.624	0.000	0	0	1	1
PL.8824	PL.9782	B	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	4.312	0.006	0	0	0	1
PD.1573	PL.8824	B	fuse6AMP	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	4.312	0.000	0	0	0	1
PL.8825	PD.1573	B	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	4.498	0.187	0	0	0	1
477703	PL.8825	B	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	4.498	0.000	0	0	1	1
476704	PL.8823	B	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	4.056	0.000	0	0	0	0
PL.7045	PL.8821	B	4ACSR	7.50Y	125.0	0.00	1.02	0.01	0	0	0	100	0.00	0.0	3.802	0.015	0	0	0	2
476703	PL.7045	B	Consumer	7.50Y	125.0	0.00	1.02	0.01	0	0	0	100	0.00	0.0	3.802	0.000	0	0	1	1
PL.7044	PL.7045	B	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	3.946	0.144	0	0	0	1
476705	PL.7044	B	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	3.946	0.000	0	0	1	1
PL.24845	PL.40417	B	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.780	0.008	0	0	0	2

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.1569	PL.24845	B	fuse6AMP	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.780	0.000	0	0	0	2		
PL.24846	PD.1569	B	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.889	0.110	0	0	0	2		
PL.9779	PL.24846	B	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.895	0.005	0	0	0	2		
475610	PL.9779	B	Consumer	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.895	0.000	0	0	1	1		
PL.9780	PL.9779	B	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	3.142	0.247	0	0	0	1		
475701	PL.9780	B	Consumer	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	3.142	0.000	0	0	1	1		
PL.9777	PL.9776	B	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.417	0.000	0	0	0	2		
PL.9774	PL.9777	B	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.436	0.018	0	0	0	2		
475607	PL.9774	B	Consumer	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.436	0.000	0	0	0	0		
PL.9775	PL.9774	B	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.832	0.396	0	0	0	2		
PL.6600	PL.9775	B	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	3.387	0.555	0	0	0	0		
PL.168	PL.6600	B	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	3.710	0.323	0	0	0	0		
PL.3034	PL.9775	B	4ACSR	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.952	0.121	0	0	0	1		
475612	PL.3034	B	Consumer	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.952	0.000	0	0	1	1		
475608	PL.9775	B	Consumer	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.832	0.000	0	0	1	1		
475609	PL.9775	B	Consumer	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	2.832	0.000	0	0	0	0		
PL.38224	PL.9772	B	4ACSR	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.823	0.003	0	0	0	3		
PL.38227	PL.38224	B	4ACSR	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.828	0.005	0	0	0	3		
PL.38228	PL.38227	B	4ACSR	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.945	0.117	0	0	0	1		
PL.6597	PL.38228	B	4ACSR	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	2.015	0.070	0	0	0	0		
PD.6664-A	PL.6597	B	Closed	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	2.015	0.000	0	0	0	0		
PD.6664-B	PD.6664-A	B	Closed	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	2.015	0.000	0	0	0	0		
PL.3035	PD.6664-B	B	4ACSR	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	2.170	0.155	0	0	0	0		
PL.3036	PL.3035	B	4ACSR	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	2.413	0.243	0	0	0	0		
476605	PL.3036	B	Consumer	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	2.413	0.000	0	0	0	0		
476608	PL.38228	B	Consumer	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.945	0.000	0	0	1	1		
PL.38229	PL.38227	B	4ACSR	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.931	0.104	0	0	0	1		
476601	PL.38229	B	Consumer	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.931	0.000	0	0	1	1		
PL.38226	PL.38227	B	4ACSR	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.953	0.126	0	0	0	1		
476607	PL.38226	B	Consumer	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.953	0.000	0	0	1	1		
PL.40718	PL.6598	B	4ACSR	7.50Y	125.0	0.00	0.97	3.40	3	23	10	92	0.00	0.0	1.423	0.012	0	0	0	2		
PL.40719	PL.40718	B	4ACSR	7.50Y	125.0	0.02	0.99	3.40	3	23	10	92	0.00	0.0	1.542	0.119	0	0	0	2		
PL.3041	PL.40719	B	4ACSR	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.641	0.099	0	0	0	1		
PL.3042	PL.3041	B	4ACSR	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.713	0.072	0	0	0	1		
475611	PL.3042	B	Consumer	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	1.713	0.000	0	0	1	1		
4756018	PL.40719	B	Consumer	7.50Y	125.0	0.00	0.99	3.40	0	23	10	92	0.00	0.0	1.542	0.000	23	10	1	1		
475604	PL.6599	B	Consumer	7.50Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	1.325	0.000	0	0	1	1		
PL.38220	PL.6599	B	4ACSR	7.50Y	125.0	0.00	0.95	0.28	0	2	1	89	0.00	0.0	1.336	0.011	0	0	0	1		

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.6658	PL.38220	B	fuse6AMP	7.50Y	125.0	0.00	0.95	0.28	5	2	1	89	0.00	0.0	1.336	0.000	0	0	0	1
PL.38221	PD.6658	B	4ACSR	7.50Y	125.0	0.00	0.95	0.28	0	2	1	89	0.00	0.0	1.424	0.088	0	0	0	1
475602	PL.38221	B	Consumer	7.50Y	125.0	0.00	0.95	0.28	0	2	1	89	0.00	0.0	1.424	0.000	2	1	1	1
475615	PL.9769	B	Consumer	7.50Y	125.1	0.00	0.94	0.38	0	3	1	95	0.00	0.0	1.246	0.000	3	1	1	1
475614	PL.9768	B	Consumer	7.50Y	125.1	0.00	0.92	1.31	0	9	4	91	0.00	0.0	1.181	0.000	9	4	1	1
PL.38218	PL.9766	B	4ACSR	7.51Y	125.1	0.00	0.88	2.67	2	18	8	91	0.00	0.0	1.060	0.006	0	0	0	5
PD.6657	PL.38218	B	fuse6AMP	7.51Y	125.1	0.00	0.88	2.67	46	18	8	91	0.00	0.0	1.060	0.000	0	0	0	5
PL.38219	PD.6657	B	4ACSR	7.51Y	125.1	0.00	0.89	2.67	2	18	8	91	0.00	0.0	1.098	0.037	0	0	0	5
PL.28991	PL.38219	B	4ACSR	7.51Y	125.1	0.00	0.89	2.67	2	18	8	91	0.00	0.0	1.098	0.000	0	0	0	5
475541	PL.28991	B	Consumer	7.51Y	125.1	0.00	0.89	0.60	0	4	2	89	0.00	0.0	1.098	0.000	4	2	1	1
PL.9765	PL.28991	B	4ACSR	7.51Y	125.1	0.02	0.91	2.08	2	14	6	92	0.00	0.0	1.313	0.216	0	0	0	4
PL.3081	PL.9765	B	4ACSR	7.51Y	125.1	0.01	0.91	1.65	1	11	5	91	0.00	0.0	1.397	0.084	0	0	0	3
475508	PL.3081	B	Consumer	7.51Y	125.1	0.00	0.91	0.83	0	6	2	95	0.00	0.0	1.397	0.000	6	2	1	1
PL.29322	PL.3081	B	4ACSR	7.50Y	125.1	0.00	0.92	0.82	1	6	2	95	0.00	0.0	1.473	0.076	0	0	0	2
475551	PL.29322	B	Consumer	7.50Y	125.1	0.00	0.92	0.67	0	5	2	93	0.00	0.0	1.473	0.000	5	2	1	1
475550	PL.29322	B	Consumer	7.50Y	125.1	0.00	0.92	0.15	0	1	0	100	0.00	0.0	1.473	0.000	1	0	1	1
PL.3082	PL.9765	B	4ACSR	7.51Y	125.1	0.00	0.91	0.43	0	3	1	95	0.00	0.0	1.542	0.229	0	0	0	1
PL.3083	PL.3082	B	4ACSR	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	1.542	0.000	0	0	0	0
PL.3043	PL.3082	B	4ACSR	7.51Y	125.1	0.00	0.91	0.43	0	3	1	95	0.00	0.0	1.594	0.052	0	0	0	1
475613	PL.3043	B	Consumer	7.51Y	125.1	0.00	0.91	0.43	0	3	1	95	0.00	0.0	1.594	0.000	3	1	1	1
PL.6601	PL.3043	B	4ACSR	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	1.652	0.058	0	0	0	0
475617	PL.6601	B	Consumer	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	1.652	0.000	0	0	0	0
PL.6602	PL.6601	B	4ACSR	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	1.677	0.025	0	0	0	0
PL.3084	PL.6602	B	4ACSR	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	1.695	0.018	0	0	0	0
PL.24118	PL.3084	B	4ACSR	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	1.696	0.001	0	0	0	0
PL.24117	PL.24118	B	4ACSR	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	1.970	0.273	0	0	0	0
474513	PL.24117	B	Consumer	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	1.970	0.000	0	0	0	0
PL.38211	PL.9766	B	4ACSR	7.51Y	125.1	0.00	0.88	0.40	0	3	1	95	0.00	0.0	1.060	0.005	0	0	0	1
PD.6655	PL.38211	B	fuse6AMP	7.51Y	125.1	0.00	0.88	0.40	7	3	1	95	0.00	0.0	1.060	0.000	0	0	0	1
PL.38212	PD.6655	B	4ACSR	7.51Y	125.1	0.00	0.88	0.40	0	3	1	95	0.00	0.0	1.143	0.083	0	0	0	1
475509	PL.38212	B	Consumer	7.51Y	125.1	0.00	0.88	0.40	0	3	1	95	0.00	0.0	1.143	0.000	3	1	1	1
PL.38209	PL.9648	B	4ACSR	7.51Y	125.2	0.00	0.84	0.65	1	5	2	93	0.00	0.0	0.964	0.005	0	0	0	1
PD.6654	PL.38209	B	fuse6AMP	7.51Y	125.2	0.00	0.84	0.65	11	5	2	93	0.00	0.0	0.964	0.000	0	0	0	1
PL.38210	PD.6654	B	4ACSR	7.51Y	125.2	0.00	0.84	0.65	1	5	2	93	0.00	0.0	1.004	0.040	0	0	0	1
475542	PL.38210	B	Consumer	7.51Y	125.2	0.00	0.84	0.65	0	5	2	93	0.00	0.0	1.004	0.000	5	2	1	1
PL.38216	PL.38214	B	4ACSR	7.52Y	125.3	0.00	0.72	0.00	0	0	0	100	0.00	0.0	0.728	0.005	0	0	0	1
PD.6656	PL.38216	B	fuse6AMP	7.52Y	125.3	0.00	0.72	0.00	0	0	0	100	0.00	0.0	0.728	0.000	0	0	0	1
PL.38217	PD.6656	B	4ACSR	7.52Y	125.3	0.00	0.72	0.00	0	0	0	100	0.00	0.0	0.784	0.057	0	0	0	1

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
4755055	PL.38217	B	Consumer	7.52Y	125.3	0.00	0.72	0.00	0	0	0	100	0.00	0.0	0.784	0.000	0	0	1	1
PL.38207	PL.9645	B	4ACSR	7.52Y	125.3	0.00	0.66	5.54	5	38	17	91	0.00	0.0	0.623	0.005	0	0	0	12
C PD.1681	PL.38207	B	fuse6AMP	7.52Y	125.3	0.00	0.66	5.54	95	38	17	91	0.00	0.0	0.623	0.000	0	0	0	12 C
PL.38208	PD.1681	B	4ACSR	7.52Y	125.3	0.01	0.68	5.54	5	38	17	91	0.00	0.0	0.668	0.045	0	0	0	12
PL.3077	PL.38208	B	4ACSR	7.52Y	125.3	0.01	0.68	0.99	1	7	3	92	0.00	0.0	0.826	0.159	0	0	0	3
475533	PL.3077	B	Consumer	7.52Y	125.3	0.00	0.68	0.14	0	1	0	100	0.00	0.0	0.826	0.000	1	0	1	1
475526	PL.3077	B	Consumer	7.52Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	0.826	0.000	0	0	1	1
475505	PL.3077	B	Consumer	7.52Y	125.3	0.00	0.68	0.85	0	6	3	89	0.00	0.0	0.826	0.000	6	3	1	1
PL.25570	PL.38208	B	4ACSR	7.52Y	125.3	0.00	0.68	4.54	4	31	14	91	0.00	0.0	0.674	0.007	0	0	0	9
PL.25571	PL.25570	B	4ACSR	7.52Y	125.3	0.02	0.69	4.54	4	31	14	91	0.00	0.0	0.746	0.072	0	0	0	9
475528	PL.25571	B	Consumer	7.52Y	125.3	0.00	0.69	0.03	0	0	0	100	0.00	0.0	0.746	0.000	0	0	1	1
475506	PL.25571	B	Consumer	7.52Y	125.3	0.00	0.69	0.02	0	0	0	100	0.00	0.0	0.746	0.000	0	0	1	1
475523	PL.25571	B	Consumer	7.52Y	125.3	0.00	0.69	1.40	0	10	4	93	0.00	0.0	0.746	0.000	10	4	1	1
475519	PL.25571	B	Consumer	7.52Y	125.3	0.00	0.69	0.83	0	6	2	95	0.00	0.0	0.746	0.000	6	2	1	1
475543	PL.25571	B	Consumer	7.52Y	125.3	0.00	0.69	0.01	0	0	0	100	0.00	0.0	0.746	0.000	0	0	1	1
PL.6618	PL.25571	B	4ACSR	7.52Y	125.3	0.01	0.70	2.25	2	16	7	92	0.00	0.0	0.818	0.072	0	0	0	4
PL.6619	PL.6618	B	4ACSR	7.52Y	125.3	0.00	0.70	1.41	1	10	4	93	0.00	0.0	0.881	0.063	0	0	0	3
PL.6620	PL.6619	B	4ACSR	7.52Y	125.3	0.00	0.71	0.67	1	5	2	93	0.00	0.0	0.951	0.070	0	0	0	1
475522	PL.6620	B	Consumer	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	0.951	0.000	0	0	0	0
475517	PL.6620	B	Consumer	7.52Y	125.3	0.00	0.71	0.67	0	5	2	93	0.00	0.0	0.951	0.000	5	2	1	1
PL.45884	PL.6620	B	2ACSR	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	0.984	0.033	0	0	0	0
4755056	PL.45884	B	Consumer	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	0.984	0.000	0	0	0	0
475531	PL.6619	B	Consumer	7.52Y	125.3	0.00	0.70	0.04	0	0	0	100	0.00	0.0	0.881	0.000	0	0	1	1
475512	PL.6619	B	Consumer	7.52Y	125.3	0.00	0.70	0.70	0	5	2	93	0.00	0.0	0.881	0.000	5	2	1	1
475529	PL.6618	B	Consumer	7.52Y	125.3	0.00	0.70	0.85	0	6	3	89	0.00	0.0	0.818	0.000	6	3	1	1
475521	PL.9643	B	Consumer	7.53Y	125.5	0.00	0.54	0.51	0	3	2	83	0.00	0.0	0.481	0.000	3	2	1	1
475516	PL.20047	B	Consumer	7.53Y	125.5	0.00	0.49	0.40	0	3	1	95	0.00	0.0	0.420	0.000	3	1	1	1
PL.3049	PL.9640	B	4ACSR	7.54Y	125.6	0.01	0.38	2.75	2	19	8	92	0.00	0.0	0.389	0.088	0	0	0	1
475532	PL.3049	B	Consumer	7.54Y	125.6	0.00	0.38	2.75	0	19	8	92	0.00	0.0	0.389	0.000	19	8	1	1
475555	PL.3049	B	Consumer	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	0.389	0.000	0	0	0	0
475538	PL.9640	B	Consumer	7.54Y	125.6	0.00	0.37	0.87	0	6	3	89	0.00	0.0	0.301	0.000	6	3	1	1
475553	PL.9640	B	Consumer	7.54Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	0.301	0.000	0	0	1	1
PL.9641	PL.9640	B	4ACSR	7.54Y	125.6	0.00	0.38	1.25	1	9	4	91	0.00	0.0	0.373	0.073	0	0	0	3
PL.3073	PL.9641	B	4ACSR	7.54Y	125.6	0.00	0.38	0.62	1	4	2	89	0.00	0.0	0.442	0.069	0	0	0	2
475547	PL.3073	B	Consumer	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	0.442	0.000	0	0	1	1
475546	PL.3073	B	Consumer	7.54Y	125.6	0.00	0.38	0.62	0	4	2	89	0.00	0.0	0.442	0.000	4	2	1	1
PL.9642	PL.9641	B	4ACSR	7.54Y	125.6	0.00	0.38	0.63	1	4	2	89	0.00	0.0	0.389	0.015	0	0	0	1
475503	PL.9642	B	Consumer	7.54Y	125.6	0.00	0.38	0.63	0	4	2	89	0.00	0.0	0.389	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: VAN METER

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 (VANMTR2) beginning with Device PD.3903.

Unbalanced Voltage Drop Report
Source: VAN METER

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.3072, PL.6614, etc.

Unbalanced Voltage Drop Report
Source: VAN METER

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 476407, PL.3063, B Consumer, etc.

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 elements PD.1594, PL.10070, PL.9795, PL.2854, PL.3060, 476525, PL.3059, 476531, 476517, 476510, PL.6603, PL.10071, PD.1682, PL.10072, PL.2856, PL.2855, 476519, PL.2857, PL.2852, PL.9997, PD.1680, PL.9998, 476523, PL.2851, 476521, PL.2850, 476530, 476432, PL.9202.

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.43109	PL.9202	A	1/0ACSR	7.54Y	125.6	0.00	0.36	0.00	0	0	0	100	0.00	0.0	2.173	0.153	0	0	0	0	
		B		7.53Y	125.5	0.00	0.47	0.00	0	0	0	100					0	0	0	0	
		C		7.55Y	125.8	0.00	0.17	0.00	0	0	0	100					0	0	0	0	
RG.31	PL.43109	A	1ph-100A-7	7.56Y	126.0	-0.36	0.00	0.00	0	0	0	100	percent Boost= 0.28 Tap= 0.5			0					
		B		7.56Y	126.0	-0.47	-0.00	0.00	0	0	0	100	percent Boost= 0.38 Tap= 0.6								
		C		7.56Y	126.0	-0.17	-0.00	0.00	0	0	0	100	percent Boost= 0.13 Tap= 0.2								
PL.43110	RG.31	A	1/0ACSR	7.56Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	2.537	0.364	0	0	0	0	
		B		7.56Y	126.0	0.00	-0.00	0.00	0	0	0	100					0	0	0	0	
		C		7.56Y	126.0	0.00	-0.00	0.00	0	0	0	100					0	0	0	0	
PD.431-B	PL.43110	A	Open	7.56Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	2.537	0.000	0	0	0	0	
		B		7.56Y	126.0	0.00	-0.00	0.00	0	0	0	100					0	0	0	0	
		C		7.56Y	126.0	0.00	-0.00	0.00	0	0	0	100					0	0	0	0	
PL.2853	PL.10070	A	4ACSR	7.54Y	125.6	0.00	0.36	0.68	1	5	2	93	0.00	0.0	1.845	0.034	0	0	0	1	
476522	PL.2853	A	Consumer	7.54Y	125.6	0.00	0.36	0.68	0	5	2	93	0.00	0.0	1.845	0.000	5	2	1	1	
476512	PL.9794	B	Consumer	7.53Y	125.6	0.00	0.44	0.48	0	3	1	95	0.00	0.0	1.670	0.000	3	1	1	1	
476527	PL.9794	B	Consumer	7.53Y	125.6	0.00	0.44	0.00	0	0	0	100	0.00	0.0	1.670	0.000	0	0	0	0	
476528	PL.9794	B	Consumer	7.53Y	125.6	0.00	0.44	0.13	0	1	0	100	0.00	0.0	1.670	0.000	1	0	1	1	
PL.9993	PL.9792	C	4ACSR	7.55Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	1.464	0.006	0	0	0	0	
PD.1589	PL.9993	C	fuse6AMP	7.55Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	1.464	0.000	0	0	0	0	
PL.9994	PD.1589	C	4ACSR	7.55Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	1.496	0.032	0	0	0	0	
476503	PL.9994	C	Consumer	7.55Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	1.496	0.000	0	0	0	0	
PL.3057	PL.9791	A	1/0ACSR	7.54Y	125.6	-0.00	0.35	0.00	0	0	0	100	0.00	0.0	1.446	0.023	0	0	0	0	
		B		7.54Y	125.6	0.00	0.37	0.00	0	0	0	100					0	0	0	0	
		C		7.55Y	125.8	0.00	0.17	1.25	1	9	4	92					0	0	0	2	
4765032	PL.3057	C	Consumer	7.55Y	125.8	0.00	0.17	0.02	0	0	0	100	0.00	0.0	1.446	0.000	0	0	1	1	
476504	PL.3057	C	Consumer	7.55Y	125.8	0.00	0.17	1.23	0	9	4	91	0.00	0.0	1.446	0.000	9	4	1	1	
PL.9991	PL.9791	A	4ACSR	7.54Y	125.6	0.00	0.35	1.39	1	10	4	93	0.00	0.0	1.430	0.006	0	0	0	3	
PD.1591	PL.9991	A	fuse6AMP	7.54Y	125.6	0.00	0.35	1.39	24	10	4	93	0.00	0.0	1.430	0.000	0	0	0	3	
PL.9992	PD.1591	A	4ACSR	7.54Y	125.6	0.00	0.35	1.39	1	10	4	93	0.00	0.0	1.433	0.004	0	0	0	3	
PL.3055	PL.9992	A	4ACSR	7.54Y	125.6	0.00	0.35	0.70	1	5	2	93	0.00	0.0	1.533	0.099	0	0	0	2	
PL.3054	PL.3055	A	4ACSR	7.54Y	125.6	0.00	0.36	0.70	1	5	2	93	0.00	0.0	1.578	0.046	0	0	0	2	
476529	PL.3054	A	Consumer	7.54Y	125.6	0.00	0.36	0.00	0	0	0	100	0.00	0.0	1.578	0.000	0	0	1	1	
476524	PL.3054	A	Consumer	7.54Y	125.6	0.00	0.36	0.70	0	5	2	93	0.00	0.0	1.578	0.000	5	2	1	1	
PL.3056	PL.9992	A	4ACSR	7.54Y	125.6	0.00	0.35	0.69	1	5	2	93	0.00	0.0	1.498	0.065	0	0	0	1	
476520	PL.3056	A	Consumer	7.54Y	125.6	0.00	0.35	0.69	0	5	2	93	0.00	0.0	1.498	0.000	5	2	1	1	
PL.9987	PL.9790	A	4ACSR	7.54Y	125.7	0.00	0.34	7.31	6	50	22	92	0.00	0.0	1.219	0.007	0	0	0	11	
C PD.1592	PL.9987	A	fuse6AMP	7.54Y	125.7	0.00	0.34	7.31	125	50	22	92	0.00	0.0	1.219	0.000	0	0	0	11 C	
PL.9988	PD.1592	A	4ACSR	7.54Y	125.6	0.04	0.38	7.31	6	50	22	92	0.01	0.0	1.328	0.109	0	0	0	11	
PL.9989	PL.9988	A	4ACSR	7.54Y	125.6	0.00	0.38	3.14	3	22	9	93	0.00	0.0	1.334	0.006	0	0	0	5	
PD.1593	PL.9989	A	fuse6AMP	7.54Y	125.6	0.00	0.38	3.14	54	22	9	93	0.00	0.0	1.334	0.000	0	0	0	5	
PL.9990	PD.1593	A	4ACSR	7.54Y	125.6	0.01	0.39	3.14	3	22	9	93	0.00	0.0	1.390	0.056	0	0	0	5	
PL.3061	PL.9990	A	4ACSR	7.54Y	125.6	0.01	0.40	3.14	3	22	9	93	0.00	0.0	1.436	0.046	0	0	0	5	
476437	PL.3061	A	Consumer	7.54Y	125.6	0.00	0.40	0.02	0	0	0	100	0.00	0.0	1.436	0.000	0	0	1	1	

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
476431	PL.3061	A	Consumer	7.54Y	125.6	0.00	0.40	1.02	0	7	3	92	0.00	0.0	1.436	0.000	7	3	1	1
476430	PL.3061	A	Consumer	7.54Y	125.6	0.00	0.40	0.92	0	6	3	89	0.00	0.0	1.436	0.000	6	3	1	1
476418	PL.3061	A	Consumer	7.54Y	125.6	0.00	0.40	0.72	0	5	2	93	0.00	0.0	1.436	0.000	5	2	1	1
476413	PL.3061	A	Consumer	7.54Y	125.6	0.00	0.40	0.46	0	3	1	95	0.00	0.0	1.436	0.000	3	1	1	1
PL.3062	PL.9988	A	4ACSR	7.54Y	125.6	0.01	0.39	3.47	3	24	11	91	0.00	0.0	1.398	0.070	0	0	0	5
PL.3053	PL.3062	A	4ACSR	7.54Y	125.6	0.02	0.41	3.47	3	24	11	91	0.00	0.0	1.498	0.100	0	0	0	5
PL.6604	PL.3053	A	4ACSR	7.54Y	125.6	0.00	0.41	3.47	3	24	11	91	0.00	0.0	1.505	0.007	0	0	0	5
476406	PL.6604	A	Consumer	7.54Y	125.6	0.00	0.41	0.13	0	1	0	100	0.00	0.0	1.505	0.000	1	0	1	1
PL.6605	PL.6604	A	4ACSR	7.53Y	125.6	0.03	0.43	3.34	3	23	10	92	0.00	0.0	1.667	0.162	0	0	0	4
PL.3051	PL.6605	A	4ACSR	7.53Y	125.6	0.01	0.44	2.19	2	15	7	91	0.00	0.0	1.765	0.098	0	0	0	3
PL.6624	PL.3051	A	4ACSR	7.53Y	125.6	0.00	0.44	2.19	2	15	7	91	0.00	0.0	1.766	0.001	0	0	0	3
PL.6625	PL.6624	A	4ACSR	7.53Y	125.6	0.00	0.45	1.67	1	12	5	92	0.00	0.0	1.798	0.032	0	0	0	2
476440	PL.6625	A	Consumer	7.53Y	125.6	0.00	0.45	0.33	0	2	1	89	0.00	0.0	1.798	0.000	2	1	1	1
476433	PL.6625	A	Consumer	7.53Y	125.6	0.00	0.45	1.34	0	9	4	91	0.00	0.0	1.798	0.000	9	4	1	1
476438	PL.6624	A	Consumer	7.53Y	125.6	0.00	0.44	0.52	0	4	2	89	0.00	0.0	1.766	0.000	4	2	1	1
PL.3052	PL.6605	A	4ACSR	7.53Y	125.6	0.00	0.43	1.15	1	8	4	89	0.00	0.0	1.677	0.010	0	0	0	1
PL.3050	PL.3052	A	4ACSR	7.53Y	125.6	0.01	0.45	1.15	1	8	4	89	0.00	0.0	1.879	0.201	0	0	0	1
476416	PL.3050	A	Consumer	7.53Y	125.6	0.00	0.45	1.15	0	8	4	89	0.00	0.0	1.879	0.000	8	4	1	1
476405	PL.9988	A	Consumer	7.54Y	125.6	0.00	0.38	0.70	0	5	2	93	0.00	0.0	1.328	0.000	5	2	1	1
PL.9985	PL.9789	A	4ACSR	7.54Y	125.7	0.00	0.32	1.39	1	10	4	93	0.00	0.0	1.131	0.007	0	0	0	4
PD.1588	PL.9985	A	fuse6AMP	7.54Y	125.7	0.00	0.32	1.39	24	10	4	93	0.00	0.0	1.131	0.000	0	0	0	4
PL.9986	PD.1588	A	4ACSR	7.54Y	125.7	0.01	0.33	1.39	1	10	4	93	0.00	0.0	1.211	0.080	0	0	0	4
476420	PL.9986	A	Consumer	7.54Y	125.7	0.00	0.33	0.32	0	2	1	89	0.00	0.0	1.211	0.000	2	1	1	1
476409	PL.9986	A	Consumer	7.54Y	125.7	0.00	0.33	0.16	0	1	0	100	0.00	0.0	1.211	0.000	1	0	1	1
476439	PL.9986	A	Consumer	7.54Y	125.7	0.00	0.33	0.48	0	3	1	95	0.00	0.0	1.211	0.000	3	1	1	1
476410	PL.9986	A	Consumer	7.54Y	125.7	0.00	0.33	0.00	0	0	0	100	0.00	0.0	1.211	0.000	0	0	0	0
476414	PL.9986	A	Consumer	7.54Y	125.7	0.00	0.33	0.43	0	3	1	95	0.00	0.0	1.211	0.000	3	1	1	1
476404	PL.9788	C	Consumer	7.55Y	125.8	0.00	0.16	0.49	0	3	1	95	0.00	0.0	1.021	0.000	3	1	1	1
PL.9984	PL.9788	C	4ACSR	7.55Y	125.8	0.00	0.16	1.72	1	12	5	92	0.00	0.0	1.026	0.005	0	0	0	1
PD.1587	PL.9984	C	fuse6AMP	7.55Y	125.8	0.00	0.16	1.72	29	12	5	92	0.00	0.0	1.026	0.000	0	0	0	1
PL.9983	PD.1587	C	4ACSR	7.55Y	125.8	0.00	0.16	1.72	1	12	5	92	0.00	0.0	1.052	0.026	0	0	0	1
476436	PL.9983	C	Consumer	7.55Y	125.8	0.00	0.16	1.72	0	12	5	92	0.00	0.0	1.052	0.000	12	5	1	1
476429	PL.9978	C	Consumer	7.55Y	125.8	0.00	0.16	1.05	0	7	3	92	0.00	0.0	0.926	0.000	7	3	1	1
476428	PL.9978	C	Consumer	7.55Y	125.8	0.00	0.16	0.75	0	5	2	93	0.00	0.0	0.926	0.000	5	2	1	1
PL.9975	PL.9199	C	4ACSR	7.55Y	125.9	0.00	0.14	1.82	2	13	5	93	0.00	0.0	0.821	0.007	0	0	0	1
PD.1584	PL.9975	C	fuse6AMP	7.55Y	125.9	0.00	0.14	1.82	31	13	5	93	0.00	0.0	0.821	0.000	0	0	0	1
PL.9976	PD.1584	C	4ACSR	7.55Y	125.9	0.00	0.15	1.82	2	13	5	93	0.00	0.0	0.880	0.059	0	0	0	1
476526	PL.9976	C	Consumer	7.55Y	125.9	0.00	0.15	1.82	0	13	5	93	0.00	0.0	0.880	0.000	13	5	1	1

Unbalanced Voltage Drop Report
Source: VAN METER

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 (VANMTR3) beginning with Device PD.3904.

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.24852	PL.9800	C	4ACSR	7.46Y	124.4	0.00	1.63	0.09	0	1	0	100	0.00	0.0	0.977	0.011	0	0	0	1
PD.1575	PL.24852	C	fuse6AMP	7.46Y	124.4	0.00	1.63	0.09	2	1	0	100	0.00	0.0	0.977	0.000	0	0	0	1
PL.24853	PD.1575	C	4ACSR	7.46Y	124.4	0.00	1.63	0.09	0	1	0	100	0.00	0.0	1.033	0.056	0	0	0	1
475511	PL.24853	C	Consumer	7.46Y	124.4	0.00	1.63	0.09	0	1	0	100	0.00	0.0	1.033	0.000	1	0	1	1
C PL.9801	PL.9800	A	1/0ACSR	7.43Y	123.8	0.06	2.20	111.69	56	775	298	93	0.67	0.0	0.995	0.029	0	0	0	207
		B		7.48Y	124.6	0.04	1.39	84.56	42	591	224	93					0	0	0	132
		C		7.46Y	124.3	0.05	1.67	86.34	43	605	221	94					0	0	0	177
PL.24103	PL.9801	A	1/0ACSR	7.43Y	123.8	0.00	2.20	0.00	0	0	0	100	0.00	0.0	0.997	0.002	0	0	0	0
		B		7.48Y	124.6	0.00	1.39	0.00	0	0	0	100					0	0	0	0
		C		7.46Y	124.3	0.00	1.67	0.00	0	0	0	100					0	0	0	0
C PL.9802	PL.9801	A	1/0ACSR	7.42Y	123.7	0.07	2.27	111.69	56	775	297	93	0.75	0.0	1.027	0.032	0	0	0	207
		B		7.47Y	124.6	0.04	1.44	84.56	42	591	224	93					0	0	0	132
		C		7.46Y	124.3	0.05	1.73	86.34	43	605	221	94					0	0	0	177
PL.24850	PL.9802	A	4ACSR	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	1.038	0.011	0	0	0	1
PD.1566	PL.24850	A	fuse6AMP	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	1.038	0.000	0	0	0	1
PL.24851	PD.1566	A	4ACSR	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	1.394	0.356	0	0	0	1
475504	PL.24851	A	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	1.394	0.000	0	0	0	0
475537	PL.24851	A	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	1.394	0.000	0	0	1	1
C PL.9803	PL.9802	A	1/0ACSR	7.40Y	123.3	0.43	2.71	111.69	56	774	297	93	4.58	0.2	1.223	0.196	0	0	0	206
		B		7.46Y	124.3	0.26	1.70	84.56	42	591	224	94					0	0	0	132
		C		7.44Y	124.0	0.32	2.05	86.34	43	605	221	94					0	0	0	177
C PL.6798	PL.9803	A	1/0ACSR	7.39Y	123.1	0.21	2.91	111.69	56	772	295	93	2.14	0.1	1.315	0.092	0	0	0	206
		B		7.45Y	124.2	0.12	1.82	84.56	42	590	223	94					0	0	0	132
		C		7.43Y	123.8	0.15	2.20	85.59	43	598	218	94					0	0	0	175
474506	PL.6798	B	Consumer	7.45Y	124.2	0.00	1.82	0.40	0	3	1	95	0.00	0.0	1.315	0.000	3	1	1	1
474503	PL.6798	B	Consumer	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	1.315	0.000	0	0	1	1
C PL.6799	PL.6798	A	1/0ACSR	7.37Y	122.8	0.24	3.16	111.69	56	771	293	93	2.56	0.1	1.425	0.110	0	0	0	206
		B		7.44Y	124.0	0.14	1.96	84.16	42	587	221	94					0	0	0	130
		C		7.42Y	123.6	0.18	2.38	85.59	43	598	217	94					0	0	0	175
C PL.9210	PL.6799	A	1/0ACSR	7.36Y	122.6	0.20	3.36	111.69	56	770	292	94	2.05	0.1	1.514	0.089	0	0	0	206
		B		7.44Y	123.9	0.11	2.07	82.33	41	574	215	94					0	0	0	127
		C		7.41Y	123.5	0.15	2.52	85.59	43	597	217	94					0	0	0	175
PL.9188	PL.9210	A	4ACSR	7.36Y	122.6	0.00	3.36	0.52	0	4	2	89	0.00	0.0	1.519	0.006	0	0	0	2
PD.1564	PL.9188	A	fuse6AMP	7.36Y	122.6	0.00	3.36	0.52	9	4	2	89	0.00	0.0	1.519	0.000	0	0	0	2
PL.9189	PD.1564	A	4ACSR	7.36Y	122.6	0.00	3.36	0.52	0	4	2	89	0.00	0.0	1.609	0.090	0	0	0	2
PL.24108	PL.9189	A	4ACSR	7.36Y	122.6	0.00	3.36	0.12	0	1	0	100	0.00	0.0	1.725	0.116	0	0	0	1
474510	PL.24108	A	Consumer	7.36Y	122.6	0.00	3.36	0.12	0	1	0	100	0.00	0.0	1.725	0.000	1	0	1	1
474516	PL.9189	A	Consumer	7.36Y	122.6	0.00	3.36	0.40	0	3	1	95	0.00	0.0	1.609	0.000	3	1	1	1
C PL.9211	PL.9210	A	1/0ACSR	7.34Y	122.3	0.33	3.69	111.17	55	765	290	94	3.41	0.2	1.663	0.149	0	0	0	204
		B		7.42Y	123.7	0.19	2.26	82.33	41	573	215	94					0	0	0	127
		C		7.39Y	123.2	0.25	2.77	85.59	43	596	216	94					0	0	0	175
PL.8828	PL.9211	C	4ACSR	7.39Y	123.2	0.00	2.77	3.63	3	25	11	92	0.00	0.0	1.672	0.009	0	0	0	7
PD.1563	PL.8828	C	fuse6AMP	7.39Y	123.2	0.00	2.77	3.63	62	25	11	92	0.00	0.0	1.672	0.000	0	0	0	7
PL.8829	PD.1563	C	4ACSR	7.39Y	123.2	0.02	2.79	3.63	3	25	11	92	0.00	0.0	1.768	0.096	0	0	0	7
PL.6800	PL.8829	C	4ACSR	7.39Y	123.2	0.05	2.83	3.63	3	25	11	92	0.01	0.0	2.039	0.271	0	0	0	7
474401	PL.6800	C	Consumer	7.39Y	123.2	0.00	2.83	0.49	0	3	1	95	0.00	0.0	2.039	0.000	3	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
PL.6801	PL.6800	C	4ACSR	7.39Y	123.2	0.01	2.84	3.14	3	21	9	92	0.00	0.0	2.077	0.038	0	0	0	6
PL.24110	PL.6801	C	4ACSR	7.39Y	123.2	0.00	2.84	0.98	1	7	3	92	0.00	0.0	2.160	0.083	0	0	0	1
474406	PL.24110	C	Consumer	7.39Y	123.2	0.00	2.84	0.98	0	7	3	92	0.00	0.0	2.160	0.000	7	3	1	1
PL.24109	PL.6801	C	4ACSR	7.39Y	123.2	0.01	2.84	2.16	2	15	6	93	0.00	0.0	2.143	0.066	0	0	0	4
PL.9212	PL.24109	C	4ACSR	7.39Y	123.1	0.01	2.85	1.75	1	12	5	92	0.00	0.0	2.248	0.105	0	0	0	3
PL.24107	PL.9212	C	4ACSR	7.39Y	123.1	0.00	2.86	0.73	1	5	2	93	0.00	0.0	2.365	0.117	0	0	0	1
474414	PL.24107	C	Consumer	7.39Y	123.1	0.00	2.86	0.73	0	5	2	93	0.00	0.0	2.365	0.000	5	2	1	1
474412	PL.9212	C	Consumer	7.39Y	123.1	0.00	2.85	0.74	0	5	2	93	0.00	0.0	2.248	0.000	5	2	1	1
PL.9213	PL.9212	C	4ACSR	7.39Y	123.1	0.00	2.85	0.28	0	2	1	89	0.00	0.0	2.368	0.120	0	0	0	1
474405	PL.9213	C	Consumer	7.39Y	123.1	0.00	2.85	0.28	0	2	1	89	0.00	0.0	2.368	0.000	2	1	1	1
PL.24106	PL.24109	C	4ACSR	7.39Y	123.2	0.00	2.85	0.41	0	3	1	95	0.00	0.0	2.184	0.041	0	0	0	1
474415	PL.24106	C	Consumer	7.39Y	123.2	0.00	2.85	0.00	0	0	0	100	0.00	0.0	2.184	0.000	0	0	0	0
474403	PL.24106	C	Consumer	7.39Y	123.2	0.00	2.85	0.41	0	3	1	95	0.00	0.0	2.184	0.000	3	1	1	1
474408	PL.6801	C	Consumer	7.39Y	123.2	0.00	2.84	0.00	0	0	0	100	0.00	0.0	2.077	0.000	0	0	1	1
C PL.9209	PL.9211	A	1/0ACSR	7.34Y	122.3	0.03	3.71	111.17	55	763	288	94	0.27	0.0	1.675	0.012	0	0	0	204
		B		7.42Y	123.7	0.02	2.28	82.33	41	573	214	94					0	0	0	127
		C		7.39Y	123.2	0.02	2.79	81.96	41	570	205	94					0	0	0	168
C PL.9208	PL.9209	A	1/0ACSR	7.33Y	122.1	0.17	3.88	110.44	55	758	285	94	1.68	0.1	1.750	0.076	0	0	0	201
		B		7.42Y	123.6	0.10	2.37	82.33	41	573	214	94					0	0	0	127
		C		7.39Y	123.1	0.12	2.91	81.96	41	570	205	94					0	0	0	168
C PL.9203	PL.9208	A	1/0ACSR	7.29Y	121.5	0.61	4.49	110.44	55	758	285	94	6.04	0.3	2.027	0.277	0	0	0	201
		B		7.40Y	123.3	0.33	2.70	79.12	39	550	204	94					0	0	0	122
		C		7.36Y	122.7	0.44	3.34	81.96	41	570	204	94					0	0	0	168
PL.18431	PL.9203	A	4ACSR	7.29Y	121.5	0.00	4.50	16.76	14	112	49	92	0.00	0.0	2.032	0.005	0	0	0	20
C PD.1568	PL.18431	A	fuse6AMP	7.29Y	121.5	0.00	4.50	16.76	286	112	49	92	0.00	0.0	2.032	0.000	0	0	0	20
PL.18430	PD.1568	A	4ACSR	7.29Y	121.5	0.01	4.50	16.76	14	112	49	92	0.01	0.0	2.043	0.011	0	0	0	20
PL.33075	PL.18430	A	4ACSR	7.28Y	121.4	0.12	4.63	15.90	13	106	46	92	0.10	0.1	2.213	0.170	0	0	0	19
4735043	PL.33075	A	Consumer	7.28Y	121.4	0.00	4.63	1.05	0	7	3	92	0.00	0.0	2.213	0.000	7	3	1	1
4735045	PL.33075	A	Consumer	7.28Y	121.4	0.00	4.63	1.05	0	7	3	92	0.00	0.0	2.213	0.000	7	3	1	1
PL.33074	PL.33075	A	4ACSR	7.28Y	121.3	0.03	4.66	13.80	12	92	40	92	0.02	0.0	2.264	0.051	0	0	0	17
4735042	PL.33074	A	Consumer	7.28Y	121.3	0.00	4.66	0.01	0	0	0	100	0.00	0.0	2.264	0.000	0	0	1	1
PL.33072	PL.33074	A	4ACSR	7.28Y	121.3	0.04	4.70	13.79	12	92	40	92	0.03	0.0	2.327	0.063	0	0	0	16
PL.9053	PL.33072	A	4ACSR	7.28Y	121.3	0.02	4.72	11.88	10	79	34	92	0.01	0.0	2.368	0.041	0	0	0	14
PL.6822	PL.9053	A	4ACSR	7.28Y	121.3	0.00	4.73	11.12	9	74	32	92	0.00	0.0	2.376	0.008	0	0	0	13
PL.7215	PL.6822	A	4ACSR	7.28Y	121.3	0.02	4.75	11.12	9	74	32	92	0.01	0.0	2.416	0.040	0	0	0	13
529501	PL.7215	A	Consumer	7.28Y	121.3	0.00	4.75	0.52	0	3	2	83	0.00	0.0	2.416	0.000	3	2	1	1
PL.9057	PL.7215	A	4ACSR	7.27Y	121.2	0.03	4.77	10.59	9	71	31	92	0.01	0.0	2.469	0.053	0	0	0	12
PL.9056	PL.9057	A	4ACSR	7.27Y	121.2	0.01	4.79	9.66	8	64	28	92	0.01	0.0	2.498	0.030	0	0	0	11
PL.6818	PL.9056	A	4ACSR	7.27Y	121.2	0.01	4.80	9.66	8	64	28	92	0.00	0.0	2.515	0.016	0	0	0	11
473532	PL.6818	A	Consumer	7.27Y	121.2	0.00	4.80	0.62	0	4	2	89	0.00	0.0	2.515	0.000	4	2	1	1
528502	PL.6818	A	Consumer	7.27Y	121.2	0.00	4.80	0.78	0	5	2	93	0.00	0.0	2.515	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.6817	PL.6818	A	4ACSR	7.27Y	121.2	0.02	4.82	8.26	7	55	24	92	0.01	0.0	2.574	0.059	0	0	0	9		
PL.19741	PL.6817	A	4ACSR	7.27Y	121.2	0.01	4.83	6.05	5	40	18	91	0.00	0.0	2.605	0.031	0	0	0	7		
473520	PL.19741	A	Consumer	7.27Y	121.2	0.00	4.83	1.31	0	9	4	91	0.00	0.0	2.605	0.000	9	4	1	1		
PL.19740	PL.19741	A	4ACSR	7.27Y	121.2	0.01	4.83	4.74	4	32	14	92	0.00	0.0	2.636	0.031	0	0	0	6		
473518	PL.19740	A	Consumer	7.27Y	121.2	0.00	4.83	0.75	0	5	2	93	0.00	0.0	2.636	0.000	5	2	1	1		
PL.9058	PL.19740	A	4ACSR	7.27Y	121.2	0.01	4.84	3.99	3	27	12	91	0.00	0.0	2.699	0.062	0	0	0	5		
PL.19473	PL.9058	A	4ACSR	7.27Y	121.1	0.01	4.85	2.66	2	18	8	91	0.00	0.0	2.754	0.055	0	0	0	3		
473531	PL.19473	A	Consumer	7.27Y	121.1	0.00	4.85	1.74	0	12	5	92	0.00	0.0	2.754	0.000	12	5	1	1		
PL.19472	PL.19473	A	4ACSR	7.27Y	121.1	0.00	4.85	0.92	1	6	3	89	0.00	0.0	2.786	0.032	0	0	0	2		
PL.3029	PL.19472	A	4ACSR	7.27Y	121.1	0.00	4.85	0.92	1	6	3	89	0.00	0.0	2.809	0.023	0	0	0	2		
473528	PL.3029	A	Consumer	7.27Y	121.1	0.00	4.85	0.92	0	6	3	89	0.00	0.0	2.809	0.000	6	3	1	1		
473530	PL.3029	A	Consumer	7.27Y	121.1	0.00	4.85	0.00	0	0	0	100	0.00	0.0	2.809	0.000	0	0	1	1		
PL.9059	PL.19472	A	4ACSR	7.27Y	121.1	0.00	4.85	0.00	0	0	0	100	0.00	0.0	2.901	0.115	0	0	0	0		
473524	PL.9058	A	Consumer	7.27Y	121.2	0.00	4.84	0.47	0	3	1	95	0.00	0.0	2.699	0.000	3	1	1	1		
473521	PL.9058	A	Consumer	7.27Y	121.2	0.00	4.84	0.86	0	6	3	89	0.00	0.0	2.699	0.000	6	3	1	1		
473526	PL.6817	A	Consumer	7.27Y	121.2	0.00	4.82	1.14	0	8	3	94	0.00	0.0	2.574	0.000	8	3	1	1		
473522	PL.6817	A	Consumer	7.27Y	121.2	0.00	4.82	1.07	0	7	3	92	0.00	0.0	2.574	0.000	7	3	1	1		
528503	PL.9057	A	Consumer	7.27Y	121.2	0.00	4.77	0.93	0	6	3	89	0.00	0.0	2.469	0.000	6	3	1	1		
473540	PL.9053	A	Consumer	7.28Y	121.3	0.00	4.72	0.76	0	5	2	93	0.00	0.0	2.368	0.000	5	2	1	1		
PL.25088	PL.33072	A	4ACSR	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	2.333	0.007	0	0	0	1		
PD.427-A	PL.25088	A	Closed	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	2.333	0.000	0	0	0	1		
PD.427-B	PD.427-A	A	Closed	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	2.333	0.000	0	0	0	1		
PL.25089	PD.427-B	A	4ACSR	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	2.437	0.104	0	0	0	1		
474519	PL.25089	A	Consumer	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	2.437	0.000	0	0	1	1		
474514	PL.25089	A	Consumer	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	2.437	0.000	0	0	0	0		
4735044	PL.33072	A	Consumer	7.28Y	121.3	0.00	4.70	1.91	0	13	6	91	0.00	0.0	2.327	0.000	13	6	1	1		
473541	PL.18430	A	Consumer	7.29Y	121.5	0.00	4.50	0.86	0	6	2	95	0.00	0.0	2.043	0.000	6	2	1	1		
PL.9054	PL.9203	A	1/0ACSR	7.29Y	121.4	0.07	4.56	93.71	47	642	233	94	0.70	0.0	2.065	0.037	0	0	0	181		
		B		7.40Y	123.3	0.05	2.75	79.12	39	549	202	94					0	0	0	122		
		C		7.36Y	122.6	0.06	3.40	81.96	41	568	203	94					0	0	0	168		
PL.197	PL.9054	A	1/0ACSR	7.28Y	121.3	0.11	4.67	93.71	47	642	232	94	1.15	0.1	2.126	0.062	0	0	0	181		
		B		7.39Y	123.2	0.08	2.83	79.12	39	549	202	94					0	0	0	122		
		C		7.35Y	122.5	0.10	3.50	81.96	41	568	203	94					0	0	0	168		
529201	PL.197	A	Consumer	7.28Y	121.3	0.00	4.67	0.27	0	2	1	89	0.00	0.0	2.126	0.000	2	1	1	1		
PL.8655	PL.197	A	1/0ACSR	7.27Y	121.2	0.10	4.77	87.14	43	598	213	94	1.13	0.1	2.190	0.064	0	0	0	171		
		B		7.38Y	123.1	0.09	2.92	79.12	39	549	202	94					0	0	0	122		
		C		7.34Y	122.4	0.10	3.59	81.96	41	567	202	94					0	0	0	168		
PL.25081	PL.8655	A	4ACSR	7.27Y	121.2	0.00	4.77	0.71	1	5	2	93	0.00	0.0	2.197	0.007	0	0	0	2		
PD.2429	PL.25081	A	fuse6AMP	7.27Y	121.2	0.00	4.77	0.71	12	5	2	93	0.00	0.0	2.197	0.000	0	0	0	2		
PL.25082	PD.2429	A	4ACSR	7.27Y	121.2	0.00	4.77	0.71	1	5	2	93	0.00	0.0	2.236	0.039	0	0	0	2		
528204	PL.25082	A	Consumer	7.27Y	121.2	0.00	4.77	0.04	0	0	0	100	0.00	0.0	2.236	0.000	0	0	1	1		

Unbalanced Voltage Drop Report
Source: VAN METER

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 528203, PL.8656, PL.10402, etc.

Unbalanced Voltage Drop Report
Source: VAN METER

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.19627, PL.19628, PL.27886, PD.181-A, PD.181-B, PL.19914, 525507, 525503, 525506, PL.9062, PL.9063, PL.9061, PL.3030, 473527, PL.10332, PL.10485, 473501, PL.9065, PL.10313, 473503, PL.17645, PL.17646.

Unbalanced Voltage Drop Report
Source: VAN METER

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.10335, 473515, 473525, etc.

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.3009	PL.9080	C	4ACSR	7.49Y	124.9	0.00	1.09	0.00	0	0	0	100	0.00	0.0	5.025	0.093	0	0	0	0
PL.9081	PL.9080	A	1/0ACSR	7.48Y	124.7	0.01	1.27	8.65	4	59	26	92	0.01	0.0	4.999	0.067	0	0	0	21
		B		7.54Y	125.7	-0.00	0.30	1.90	1	13	6	92					0	0	0	6
		C		7.49Y	124.9	0.01	1.10	7.38	4	52	19	94					0	0	0	28
PL.27923	PL.9081	A	1/0ACSR	7.48Y	124.7	0.00	1.27	8.65	4	59	26	92	0.00	0.0	5.014	0.015	0	0	0	21
		B		7.54Y	125.7	-0.00	0.30	1.90	1	13	6	92					0	0	0	6
		C		7.49Y	124.9	0.00	1.10	2.30	1	17	4	97					0	0	0	14
RG.18	PL.27923	A	1ph-100A-7	7.56Y	126.0	-1.27	-0.00	8.65	9	59	26	92								21
		B		7.56Y	126.0	-0.30	-0.00	1.90	2	13	6	92								
		C		7.56Y	126.0	-1.10	-0.00	2.30	2	17	4	97								
PL.45389	RG.18	A	1/0ACSR	7.56Y	125.9	0.07	0.07	8.57	4	59	26	92	0.03	0.0	5.374	0.361	0	0	0	21
		B		7.56Y	126.0	-0.01	-0.01	1.90	1	13	6	92					0	0	0	6
		C		7.56Y	126.0	0.02	0.02	2.28	1	17	4	97					0	0	0	14
PL.45391	PL.45389	C	2ACSR	7.56Y	126.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	5.388	0.013	0	0	0	0
PD.8643	PL.45391	C	fuse6AMP	7.56Y	126.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	5.388	0.000	0	0	0	0
PL.45392	PD.8643	C	2ACSR	7.56Y	126.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	5.500	0.112	0	0	0	0
4737020	PL.45392	C	Consumer	7.56Y	126.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	5.500	0.000	0	0	0	0
PL.45390	PL.45389	A	1/0ACSR	7.55Y	125.9	0.03	0.10	8.57	4	59	26	92	0.01	0.0	5.533	0.158	0	0	0	21
		B		7.56Y	126.0	-0.00	-0.01	1.90	1	13	6	92					0	0	0	6
		C		7.56Y	126.0	0.01	0.03	2.28	1	17	4	97					0	0	0	14
PL.9085	PL.45390	A	4ACSR	7.55Y	125.8	0.12	0.22	8.57	7	59	26	92	0.06	0.1	5.842	0.309	0	0	0	21
		B		7.56Y	126.0	0.00	-0.01	1.90	2	13	6	92					0	0	0	6
		C		7.56Y	125.9	0.02	0.05	1.66	1	12	2	99					0	0	0	11
PL.9086	PL.9085	A	4ACSR	7.55Y	125.8	0.02	0.25	8.57	7	59	25	92	0.01	0.0	5.901	0.059	0	0	0	21
		B		7.56Y	126.0	0.00	-0.01	1.90	2	13	6	92					0	0	0	6
		C		7.56Y	125.9	0.00	0.06	1.66	1	12	2	99					0	0	0	11
PL.27712	PL.9086	C	4ACSR	7.56Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	5.929	0.027	0	0	0	1
PD.1530	PL.27712	C	fuse6AMP	7.56Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	5.929	0.000	0	0	0	1
PL.27713	PD.1530	C	4ACSR	7.56Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	5.942	0.013	0	0	0	1
PL.19550	PL.27713	C	4ACSR	7.56Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	5.988	0.047	0	0	0	1
PL.19551	PL.19550	C	4ACSR	7.56Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	6.091	0.103	0	0	0	1
472711	PL.19551	C	Consumer	7.56Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	6.091	0.000	0	0	1	1
PL.9084	PL.9086	A	4ACSR	7.54Y	125.7	0.01	0.25	8.57	7	59	25	92	0.00	0.0	5.919	0.017	0	0	0	21
		B		7.56Y	126.0	0.00	-0.01	1.90	2	13	6	92					0	0	0	6
		C		7.56Y	125.9	0.00	0.06	1.66	1	12	2	99					0	0	0	10
PL.9481	PL.9084	A	4ACSR	7.54Y	125.7	0.01	0.26	8.57	7	59	25	92	0.01	0.0	5.951	0.032	0	0	0	21
		B		7.56Y	126.0	0.00	-0.01	1.90	2	13	6	92					0	0	0	6
		C		7.56Y	125.9	0.00	0.06	1.66	1	12	2	99					0	0	0	10
PD.3535	PL.9481	A	25E	7.54Y	125.7	0.00	0.26	8.57	34	59	25	92	0.00	0.0	5.951	0.000	0	0	0	21
		B		7.56Y	126.0	0.00	-0.01	1.90	8	13	6	92					0	0	0	6
		C		7.56Y	125.9	0.00	0.06	1.66	7	12	2	99					0	0	0	10
PL.9482	PD.3535	A	4ACSR	7.54Y	125.7	0.02	0.29	8.57	7	59	25	92	0.01	0.0	6.007	0.056	0	0	0	21
		B		7.56Y	126.0	0.00	-0.01	1.90	2	13	6	92					0	0	0	6
		C		7.56Y	125.9	0.00	0.06	1.66	1	12	2	99					0	0	0	10
PL.41559	PL.9482	A	4ACSR	7.54Y	125.7	0.04	0.32	8.57	7	59	25	92	0.02	0.0	6.102	0.096	0	0	0	21
		B		7.56Y	126.0	0.00	-0.01	1.90	2	13	6	92					0	0	0	6
		C		7.56Y	125.9	0.01	0.07	1.66	1	12	2	99					0	0	0	10
P PL.41561	PL.41559	C	1/0EPRJCN	7.56Y	125.9	-0.00	0.07	-0.43	0	0	-3	0	0.00	0.0	6.109	0.006	0	0	0	2 P
PD.1528	PL.41561	C	fuse6AMP	7.56Y	125.9	0.00	0.07	-0.43	7	0	-3	0	0.00	0.0	6.109	0.000	0	0	0	2
P PL.41566	PD.1528	C	1/0EPRJCN	7.56Y	125.9	-0.00	0.07	-0.43	0	0	-3	0	0.00	0.0	6.295	0.187	0	0	0	2 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: VAN METER

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. Contains detailed data for various electrical elements and their characteristics.

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

Unbalanced Voltage Drop Report
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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
472825	PL.2977	A	Consumer	7.52Y	125.3	0.00	0.71	0.56	0	4	2	89	0.00	0.0	7.463	0.000	4	2	1	1
472820	PL.2977	A	Consumer	7.52Y	125.3	0.00	0.71	0.03	0	0	0	100	0.00	0.0	7.463	0.000	0	0	1	1
472821	PL.2977	A	Consumer	7.52Y	125.3	0.00	0.71	0.34	0	2	1	89	0.00	0.0	7.463	0.000	2	1	1	1
PL.2974	PL.45501	A	4ACSR	7.52Y	125.3	0.00	0.70	0.68	1	5	2	93	0.00	0.0	7.411	0.087	0	0	0	1
472819	PL.2974	A	Consumer	7.52Y	125.3	0.00	0.70	0.68	0	5	2	93	0.00	0.0	7.411	0.000	5	2	1	1
PL.45499	PL.45500	A	4ACSR	7.52Y	125.3	0.01	0.70	1.21	1	8	4	89	0.00	0.0	7.322	0.096	0	0	0	1
472823	PL.45499	A	Consumer	7.52Y	125.3	0.00	0.70	1.21	0	8	4	89	0.00	0.0	7.322	0.000	8	4	1	1
PL.9487	PL.25345	A	4ACSR	7.52Y	125.3	0.00	0.70	4.21	4	29	13	91	0.00	0.0	7.238	0.026	0	0	0	12
		B		7.56Y	126.0	-0.00	-0.03	0.00	0	0	0	100					0	0	0	0
		C		7.55Y	125.8	0.00	0.15	0.60	1	4	2	92					0	0	0	3
PL.9488	PL.9487	A	4ACSR	7.51Y	125.2	0.07	0.76	4.21	4	29	13	91	0.02	0.0	7.609	0.370	0	0	0	12
		B		7.56Y	126.0	-0.02	-0.05	0.00	0	0	0	100					0	0	0	0
		C		7.55Y	125.8	0.01	0.17	0.60	1	4	2	92					0	0	0	3
PL.9491	PL.9488	C	4ACSR	7.55Y	125.8	0.00	0.17	0.50	0	3	2	83	0.00	0.0	7.625	0.016	0	0	0	2
PD.1537	PL.9491	C	fuse6AMP	7.55Y	125.8	0.00	0.17	0.50	9	3	2	83	0.00	0.0	7.625	0.000	0	0	0	2
PL.9492	PD.1537	C	4ACSR	7.55Y	125.8	0.00	0.17	0.50	0	3	2	83	0.00	0.0	7.654	0.029	0	0	0	2
PL.2967	PL.9492	C	4ACSR	7.55Y	125.8	0.00	0.17	0.01	0	0	0	100	0.00	0.0	7.777	0.123	0	0	0	1
PL.2968	PL.2967	C	4ACSR	7.55Y	125.8	0.00	0.17	0.01	0	0	0	100	0.00	0.0	7.806	0.028	0	0	0	1
472824	PL.2968	C	Consumer	7.55Y	125.8	0.00	0.17	0.01	0	0	0	100	0.00	0.0	7.806	0.000	0	0	1	1
472810	PL.9492	C	Consumer	7.55Y	125.8	0.00	0.17	0.49	0	3	1	95	0.00	0.0	7.654	0.000	3	1	1	1
PL.25346	PL.9488	A	4ACSR	7.51Y	125.1	0.15	0.91	4.21	4	29	13	91	0.03	0.1	8.371	0.762	0	0	0	12
		B		7.56Y	126.1	-0.03	-0.08	0.00	0	0	0	100					0	0	0	0
		C		7.55Y	125.8	0.01	0.18	0.09	0	1	0	92					0	0	0	1
PL.24940	PL.25346	A	4ACSR	7.51Y	125.1	0.00	0.91	4.21	4	29	13	91	0.00	0.0	8.371	0.000	0	0	0	12
		B		7.56Y	126.1	-0.00	-0.08	0.00	0	0	0	100					0	0	0	0
		C		7.55Y	125.8	0.00	0.18	0.09	0	1	0	92					0	0	0	1
PL.18508	PL.24940	C	4ACSR	7.55Y	125.8	0.00	0.18	0.09	0	1	0	100	0.00	0.0	8.381	0.010	0	0	0	1
PD.1534	PL.18508	C	fuse6AMP	7.55Y	125.8	0.00	0.18	0.09	2	1	0	100	0.00	0.0	8.381	0.000	0	0	0	1
PL.18507	PD.1534	C	4ACSR	7.55Y	125.8	0.00	0.18	0.09	0	1	0	100	0.00	0.0	8.440	0.059	0	0	0	1
472913	PL.18507	C	Consumer	7.55Y	125.8	0.00	0.18	0.09	0	1	0	100	0.00	0.0	8.440	0.000	1	0	1	1
PL.45495	PL.24940	A	4ACSR	7.50Y	125.1	0.00	0.92	4.21	4	29	13	91	0.00	0.0	8.396	0.025	0	0	0	12
PD.8656	PL.45495	A	fuse6AMP	7.50Y	125.1	0.00	0.92	4.21	72	29	13	91	0.00	0.0	8.396	0.000	0	0	0	12
PL.45496	PD.8656	A	4ACSR	7.50Y	125.1	0.00	0.92	4.21	4	29	13	91	0.00	0.0	8.416	0.020	0	0	0	12
PL.2953	PL.45496	A	4ACSR	7.50Y	125.1	0.00	0.92	0.44	0	3	1	95	0.00	0.0	8.463	0.046	0	0	0	3
472915	PL.2953	A	Consumer	7.50Y	125.1	0.00	0.92	0.02	0	0	0	100	0.00	0.0	8.463	0.000	0	0	1	1
472911	PL.2953	A	Consumer	7.50Y	125.1	0.00	0.92	0.40	0	3	1	95	0.00	0.0	8.463	0.000	3	1	1	1
472902	PL.2953	A	Consumer	7.50Y	125.1	0.00	0.92	0.03	0	0	0	100	0.00	0.0	8.463	0.000	0	0	1	1
PL.25349	PL.45496	A	4ACSR	7.50Y	125.1	0.03	0.95	3.77	3	26	11	92	0.01	0.0	8.568	0.151	0	0	0	9
PL.2952	PL.25349	A	4ACSR	7.50Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	8.600	0.033	0	0	0	0
PL.25347	PL.25349	A	4ACSR	7.50Y	125.0	0.01	0.96	3.77	3	26	11	92	0.00	0.0	8.642	0.075	0	0	0	9
PL.10395	PL.25347	A	4ACSR	7.50Y	125.0	0.01	0.97	3.77	3	26	11	92	0.00	0.0	8.716	0.073	0	0	0	9
PL.2994	PL.10395	A	4ACSR	7.50Y	125.0	0.01	0.98	1.38	1	10	4	93	0.00	0.0	8.806	0.090	0	0	0	1

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
472923	PL.2994	A	Consumer	7.50Y	125.0	0.00	0.98	1.38	0	10	4	93	0.00	0.0	8.806	0.000	10	4	1	1
472918	PL.10395	A	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	8.716	0.000	0	0	0	0
PL.10396	PL.10395	A	4ACSR	7.50Y	125.0	0.01	0.98	2.38	2	16	7	92	0.00	0.0	8.777	0.061	0	0	0	8
PL.25352	PL.10396	A	4ACSR	7.50Y	125.0	0.01	0.99	2.38	2	16	7	92	0.00	0.0	8.866	0.090	0	0	0	8
PL.2950	PL.25352	A	4ACSR	7.50Y	125.0	0.00	0.99	0.14	0	1	0	100	0.00	0.0	8.951	0.085	0	0	0	1
472917	PL.2950	A	Consumer	7.50Y	125.0	0.00	0.99	0.14	0	1	0	100	0.00	0.0	8.951	0.000	1	0	1	1
PL.25353	PL.25352	A	4ACSR	7.50Y	125.0	0.01	1.00	2.24	2	15	7	91	0.00	0.0	8.932	0.066	0	0	0	7
PL.2951	PL.25353	A	4ACSR	7.50Y	125.0	0.00	1.00	0.02	0	0	0	100	0.00	0.0	9.046	0.114	0	0	0	1
472912	PL.2951	A	Consumer	7.50Y	125.0	0.00	1.00	0.02	0	0	0	100	0.00	0.0	9.046	0.000	0	0	1	1
472906	PL.25353	A	Consumer	7.50Y	125.0	0.00	1.00	0.47	0	3	1	95	0.00	0.0	8.932	0.000	3	1	1	1
PL.24931	PL.25353	A	4ACSR	7.50Y	125.0	0.01	1.01	1.75	1	12	5	92	0.00	0.0	9.063	0.130	0	0	0	5
PL.24929	PL.24931	A	4ACSR	7.50Y	125.0	0.00	1.01	0.81	1	6	2	95	0.00	0.0	9.161	0.098	0	0	0	2
472920	PL.24929	A	Consumer	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	9.161	0.000	0	0	0	0
PL.24930	PL.24929	A	4ACSR	7.50Y	125.0	0.01	1.02	0.81	1	6	2	95	0.00	0.0	9.442	0.280	0	0	0	2
PL.2948	PL.24930	A	4ACSR	7.50Y	125.0	0.01	1.03	0.81	1	6	2	95	0.00	0.0	9.618	0.176	0	0	0	2
PL.7147	PL.2948	A	4ACSR	7.50Y	125.0	0.01	1.04	0.81	1	6	2	95	0.00	0.0	9.942	0.324	0	0	0	2
PL.7148	PL.7147	A	4ACSR	7.50Y	125.0	-0.00	1.04	0.00	0	0	0	100	0.00	0.0	10.063	0.121	0	0	0	1
482209	PL.7148	A	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	10.063	0.000	0	0	0	0
482208	PL.7148	A	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	10.063	0.000	0	0	1	1
483201	PL.7147	A	Consumer	7.50Y	125.0	0.00	1.04	0.81	0	6	2	95	0.00	0.0	9.942	0.000	6	2	1	1
PL.25350	PL.24931	A	4ACSR	7.50Y	125.0	0.00	1.01	0.94	1	6	3	89	0.00	0.0	9.149	0.087	0	0	0	3
PL.2949	PL.25350	A	4ACSR	7.50Y	125.0	0.00	1.01	0.23	0	2	1	89	0.00	0.0	9.363	0.213	0	0	0	1
472916	PL.2949	A	Consumer	7.50Y	125.0	0.00	1.01	0.23	0	2	1	89	0.00	0.0	9.363	0.000	2	1	1	1
PL.25351	PL.25350	A	4ACSR	7.50Y	125.0	0.01	1.02	0.71	1	5	2	93	0.00	0.0	9.415	0.266	0	0	0	2
PL.24947	PL.25351	A	4ACSR	7.50Y	125.0	0.01	1.02	0.71	1	5	2	93	0.00	0.0	9.571	0.156	0	0	0	2
PL.24948	PL.24947	A	4ACSR	7.50Y	125.0	0.00	1.03	0.71	1	5	2	93	0.00	0.0	9.684	0.113	0	0	0	1
473903	PL.24948	A	Consumer	7.50Y	125.0	0.00	1.03	0.71	0	5	2	93	0.00	0.0	9.684	0.000	5	2	1	1
PL.24946	PL.24948	A	4ACSR	7.50Y	125.0	0.00	1.03	0.00	0	0	0	100	0.00	0.0	9.826	0.142	0	0	0	0
473902	PL.24947	A	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	9.571	0.000	0	0	1	1
472921	PL.24931	A	Consumer	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	9.063	0.000	0	0	0	0
472919	PL.25347	A	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	8.642	0.000	0	0	0	0
472903	PL.25347	A	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	8.642	0.000	0	0	0	0
PL.9812	PL.24940	A	6ACWC	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	8.436	0.065	0	0	0	0
		B		7.56Y	126.1	0.00	-0.08	0.00	0	0	0	100			0	0	0	0	0	0
		C		7.55Y	125.8	0.00	0.18	0.00	0	0	0	100			0	0	0	0	0	0
PD.421-B	PL.9812	A	Open	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	8.436	0.000	0	0	0	0
		B		7.56Y	126.1	0.00	-0.08	0.00	0	0	0	100			0	0	0	0	0	0
		C		7.55Y	125.8	0.00	0.18	0.00	0	0	0	100			0	0	0	0	0	0
PL.9489	PL.25344	C	4ACSR	7.55Y	125.9	0.00	0.14	0.60	1	4	2	89	0.00	0.0	7.091	0.022	0	0	0	4
PD.1536	PL.9489	C	fuse6AMP	7.55Y	125.9	0.00	0.14	0.60	10	4	2	89	0.00	0.0	7.091	0.000	0	0	0	4

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.9490	PD.1536	C	4ACSR	7.55Y	125.9	0.00	0.15	0.60	1	4	2	89	0.00	0.0	7.211	0.120	0	0	0	4	
PL.2975	PL.9490	C	4ACSR	7.55Y	125.9	0.00	0.15	0.60	1	4	2	89	0.00	0.0	7.241	0.030	0	0	0	3	
PL.2976	PL.2975	C	4ACSR	7.55Y	125.9	0.00	0.15	0.00	0	0	0	100	0.00	0.0	7.352	0.111	0	0	0	1	
472814	PL.2976	C	Consumer	7.55Y	125.9	0.00	0.15	0.00	0	0	0	100	0.00	0.0	7.352	0.000	0	0	1	1	
PL.2972	PL.2975	C	4ACSR	7.55Y	125.9	0.00	0.15	0.60	1	4	2	89	0.00	0.0	7.302	0.062	0	0	0	2	
472802	PL.2972	C	Consumer	7.55Y	125.9	0.00	0.15	0.11	0	1	0	100	0.00	0.0	7.302	0.000	1	0	1	1	
472812	PL.2972	C	Consumer	7.55Y	125.9	0.00	0.15	0.49	0	3	1	95	0.00	0.0	7.302	0.000	3	1	1	1	
472804	PL.9490	C	Consumer	7.55Y	125.9	0.00	0.15	0.00	0	0	0	100	0.00	0.0	7.211	0.000	0	0	1	1	
PL.2969	PL.25343	B	4ACSR	7.56Y	126.0	0.00	-0.01	1.00	1	7	3	92	0.00	0.0	7.076	0.095	0	0	0	2	
472826	PL.2969	B	Consumer	7.56Y	126.0	0.00	-0.01	1.00	0	7	3	92	0.00	0.0	7.076	0.000	7	3	1	1	
472822	PL.2969	B	Consumer	7.56Y	126.0	0.00	-0.01	0.00	0	0	0	100	0.00	0.0	7.076	0.000	0	0	1	1	
PL.9485	PL.25342	A	4ACSR	7.52Y	125.4	0.00	0.59	0.45	0	3	1	95	0.00	0.0	6.917	0.028	0	0	0	2	
PD.1538	PL.9485	A	fuse6AMP	7.52Y	125.4	0.00	0.59	0.45	8	3	1	95	0.00	0.0	6.917	0.000	0	0	0	2	
PL.9486	PD.1538	A	4ACSR	7.52Y	125.4	0.00	0.59	0.45	0	3	1	95	0.00	0.0	7.074	0.157	0	0	0	2	
PL.38070	PL.9486	A	1/0EPRJCN	7.52Y	125.4	0.00	0.59	0.44	0	3	1	95	0.00	0.0	7.144	0.070	0	0	0	1	
4728027	PL.38070	A	Consumer	7.52Y	125.4	0.00	0.59	0.46	0	3	1	95	0.00	0.0	7.144	0.000	3	1	1	1	
PL.2966	PL.9486	A	4ACSR	7.52Y	125.4	0.00	0.59	0.00	0	0	0	100	0.00	0.0	7.275	0.201	0	0	0	1	
PL.2965	PL.2966	A	4ACSR	7.52Y	125.4	0.00	0.59	0.00	0	0	0	100	0.00	0.0	7.469	0.194	0	0	0	1	
PL.2964	PL.2965	A	4ACSR	7.52Y	125.4	-0.00	0.59	0.00	0	0	0	100	0.00	0.0	7.523	0.054	0	0	0	1	
PL.3018	PL.2964	A	4ACSR	7.52Y	125.4	0.00	0.59	0.00	0	0	0	100	0.00	0.0	7.640	0.117	0	0	0	1	
473801	PL.3018	A	Consumer	7.52Y	125.4	0.00	0.59	0.00	0	0	0	100	0.00	0.0	7.640	0.000	0	0	1	1	
472716	PL.19300	B	Consumer	7.56Y	126.0	0.00	-0.01	0.00	0	0	0	100	0.00	0.0	6.297	0.000	0	0	0	0	
PL.9483	PL.9087	A	4ACSR	7.54Y	125.6	0.00	0.36	1.09	1	8	3	94	0.00	0.0	6.213	0.015	0	0	0	1	
PD.1529	PL.9483	A	fuse6AMP	7.54Y	125.6	0.00	0.36	1.09	19	8	3	94	0.00	0.0	6.213	0.000	0	0	0	1	
PL.9484	PD.1529	A	4ACSR	7.54Y	125.6	0.00	0.36	1.09	1	8	3	94	0.00	0.0	6.300	0.087	0	0	0	1	
472717	PL.9484	A	Consumer	7.54Y	125.6	0.00	0.36	1.09	0	8	3	94	0.00	0.0	6.300	0.000	8	3	1	1	
PL.45150	PL.9085	A	4ACSR	7.55Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	5.847	0.005	0	0	0	0	
PD.8597	PL.45150	A	fuse6AMP	7.55Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	5.847	0.000	0	0	0	0	
PL.45151	PD.8597	A	4ACSR	7.55Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	5.905	0.058	0	0	0	0	
473714	PL.45151	A	Consumer	7.55Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	5.905	0.000	0	0	0	0	
PL.17821	PL.9085	B	4ACSR	7.56Y	126.0	0.00	-0.01	0.00	0	0	0	100	0.00	0.0	5.868	0.027	0	0	0	0	
PD.1540	PL.17821	B	fuse6AMP	7.56Y	126.0	0.00	-0.01	0.00	0	0	0	100	0.00	0.0	5.868	0.000	0	0	0	0	
PL.17822	PD.1540	B	4ACSR	7.56Y	126.0	0.00	-0.01	0.00	0	0	0	100	0.00	0.0	5.964	0.096	0	0	0	0	
473713	PL.17822	B	Consumer	7.56Y	126.0	0.00	-0.01	0.00	0	0	0	100	0.00	0.0	5.964	0.000	0	0	0	0	
PL.33658	PL.45390	C	4ACSR	7.56Y	126.0	0.00	0.03	0.64	1	4	2	89	0.00	0.0	5.536	0.003	0	0	0	3	
PD.3987	PL.33658	C	fuse6AMP	7.56Y	126.0	0.00	0.03	0.64	11	4	2	89	0.00	0.0	5.536	0.000	0	0	0	3	
PL.33659	PD.3987	C	4ACSR	7.56Y	126.0	0.00	0.03	0.64	1	4	2	89	0.00	0.0	5.613	0.077	0	0	0	3	
PL.24944	PL.33659	C	4ACSR	7.56Y	126.0	0.00	0.03	0.39	0	3	1	95	0.00	0.0	5.799	0.186	0	0	0	1	

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
473707	PL.24944	C	Consumer	7.56Y	126.0	0.00	0.03	0.39	0	3	1	95	0.00	0.0	5.799	0.000	3	1	1	1
PL.9083	PL.24944	C	4ACSR	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	6.313	0.514	0	0	0	0
PL.24941	PL.9083	C	4ACSR	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	6.468	0.155	0	0	0	0
PL.24942	PL.24941	C	4ACSR	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	6.567	0.099	0	0	0	0
474703	PL.24942	C	Consumer	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	6.567	0.000	0	0	0	0
474702	PL.24941	C	Consumer	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	6.468	0.000	0	0	0	0
PL.21393	PL.9083	C	4ACSR	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	6.795	0.481	0	0	0	0
PL.21394	PL.21393	C	4ACSR	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	6.795	0.000	0	0	0	0
474704	PL.21393	C	Consumer	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	6.795	0.000	0	0	0	0
474705	PL.21393	C	Consumer	7.56Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	6.795	0.000	0	0	0	0
PL.10326	PL.33659	C	4ACSR	7.56Y	126.0	0.00	0.03	0.03	0	0	0	100	0.00	0.0	5.627	0.014	0	0	0	1
PD.1543	PL.10326	C	fuse6AMP	7.56Y	126.0	0.00	0.03	0.03	1	0	0	100	0.00	0.0	5.627	0.000	0	0	0	1
PL.10327	PD.1543	C	4ACSR	7.56Y	126.0	0.00	0.03	0.03	0	0	0	100	0.00	0.0	5.727	0.099	0	0	0	1
473711	PL.10327	C	Consumer	7.56Y	126.0	0.00	0.03	0.03	0	0	0	100	0.00	0.0	5.727	0.000	0	0	1	1
473715	PL.33659	C	Consumer	7.56Y	126.0	0.00	0.03	0.21	0	1	1	71	0.00	0.0	5.613	0.000	1	1	1	1
PL.38197	PL.9081	C	4ACSR	7.49Y	124.9	0.00	1.10	5.10	4	35	15	92	0.00	0.0	5.003	0.004	0	0	0	14
PD.6649-A	PL.38197	C	Closed	7.49Y	124.9	0.00	1.10	5.10	0	35	15	92	0.00	0.0	5.003	0.000	0	0	0	14
PD.6649-B	PD.6649-A	C	Closed	7.49Y	124.9	0.00	1.10	5.10	0	35	15	92	0.00	0.0	5.003	0.000	0	0	0	14
PL.38198	PD.6649-B	C	4ACSR	7.49Y	124.9	0.00	1.10	5.10	4	35	15	92	0.00	0.0	5.007	0.003	0	0	0	14
PL.33657	PL.38198	C	4ACSR	7.49Y	124.8	0.06	1.17	5.10	4	35	15	92	0.02	0.0	5.281	0.274	0	0	0	14
PL.10320	PL.33657	C	4ACSR	7.49Y	124.8	0.00	1.17	3.12	3	21	9	92	0.00	0.0	5.294	0.013	0	0	0	10
PD.1542	PL.10320	C	fuse6AMP	7.49Y	124.8	0.00	1.17	3.12	53	21	9	92	0.00	0.0	5.294	0.000	0	0	0	10
PL.10321	PD.1542	C	4ACSR	7.49Y	124.8	0.02	1.19	3.12	3	21	9	92	0.00	0.0	5.464	0.170	0	0	0	10
473606	PL.10321	C	Consumer	7.49Y	124.8	0.00	1.19	0.63	0	4	2	89	0.00	0.0	5.464	0.000	4	2	1	1
PL.9067	PL.10321	C	4ACSR	7.49Y	124.8	0.00	1.20	2.49	2	17	7	92	0.00	0.0	5.493	0.029	0	0	0	9
PL.9068	PL.9067	C	4ACSR	7.49Y	124.8	0.00	1.20	0.57	0	4	2	89	0.00	0.0	5.612	0.120	0	0	0	4
473634	PL.9068	C	Consumer	7.49Y	124.8	0.00	1.20	0.37	0	3	1	95	0.00	0.0	5.612	0.000	3	1	1	1
472606	PL.9068	C	Consumer	7.49Y	124.8	0.00	1.20	0.20	0	1	1	71	0.00	0.0	5.612	0.000	1	1	1	1
PL.24945	PL.9068	C	4ACSR	7.49Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	5.618	0.006	0	0	0	2
PL.24919	PL.24945	C	4ACSR	7.49Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	5.730	0.112	0	0	0	2
472601	PL.24919	C	Consumer	7.49Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	5.730	0.000	0	0	1	1
PL.24920	PL.24919	C	4ACSR	7.49Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	5.837	0.107	0	0	0	1
472605	PL.24920	C	Consumer	7.49Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	5.837	0.000	0	0	0	0
PL.24921	PL.24920	C	4ACSR	7.49Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	6.318	0.481	0	0	0	1
472603	PL.24921	C	Consumer	7.49Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	6.318	0.000	0	0	1	1
PL.3012	PL.9067	C	4ACSR	7.49Y	124.8	0.00	1.20	1.92	2	13	6	91	0.00	0.0	5.498	0.005	0	0	0	5
PL.3013	PL.3012	C	4ACSR	7.49Y	124.8	0.00	1.20	0.59	0	4	2	89	0.00	0.0	5.614	0.117	0	0	0	1
473605	PL.3013	C	Consumer	7.49Y	124.8	0.00	1.20	0.59	0	4	2	89	0.00	0.0	5.614	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.10324	PL.3012	C	4ACSR	7.49Y	124.8	0.01	1.20	1.33	1	9	4	91	0.00	0.0	5.596	0.099	0	0	0	4
PL.10325	PL.10324	C	4ACSR	7.49Y	124.8	0.00	1.21	0.33	0	2	1	89	0.00	0.0	5.664	0.068	0	0	0	3
473629	PL.10325	C	Consumer	7.49Y	124.8	0.00	1.21	0.02	0	0	0	100	0.00	0.0	5.664	0.000	0	0	1	1
PL.3016	PL.10325	C	4ACSR	7.49Y	124.8	0.00	1.21	0.32	0	2	1	89	0.00	0.0	5.702	0.037	0	0	0	2
473630	PL.3016	C	Consumer	7.49Y	124.8	0.00	1.21	0.12	0	1	0	100	0.00	0.0	5.702	0.000	1	0	1	1
PL.29320	PL.3016	C	4ACSR	7.49Y	124.8	0.00	1.21	0.20	0	1	1	71	0.00	0.0	5.885	0.184	0	0	0	1
PL.29321	PL.29320	C	4ACSR	7.49Y	124.8	0.00	1.21	0.20	0	1	1	71	0.00	0.0	5.958	0.073	0	0	0	1
PL.29317	PL.29321	C	4ACSR	7.49Y	124.8	0.00	1.21	0.20	0	1	1	71	0.00	0.0	6.065	0.107	0	0	0	1
472607	PL.29317	C	Consumer	7.49Y	124.8	0.00	1.21	0.20	0	1	1	71	0.00	0.0	6.065	0.000	1	1	1	1
PL.3017	PL.10324	C	4ACSR	7.49Y	124.8	0.00	1.21	0.99	1	7	3	92	0.00	0.0	5.636	0.040	0	0	0	1
473626	PL.3017	C	Consumer	7.49Y	124.8	0.00	1.21	0.99	0	7	3	92	0.00	0.0	5.636	0.000	7	3	1	1
PL.10322	PL.33657	C	4ACSR	7.49Y	124.8	0.00	1.17	1.05	1	7	3	92	0.00	0.0	5.299	0.018	0	0	0	3
PD.1541	PL.10322	C	fuse6AMP	7.49Y	124.8	0.00	1.17	1.05	18	7	3	92	0.00	0.0	5.299	0.000	0	0	0	3
PL.10323	PD.1541	C	4ACSR	7.49Y	124.8	0.00	1.17	1.05	1	7	3	92	0.00	0.0	5.372	0.073	0	0	0	3
473638	PL.10323	C	Consumer	7.49Y	124.8	0.00	1.17	0.07	0	0	0	100	0.00	0.0	5.372	0.000	0	0	1	1
473608	PL.10323	C	Consumer	7.49Y	124.8	0.00	1.17	0.39	0	3	1	95	0.00	0.0	5.372	0.000	3	1	1	1
PL.3014	PL.10323	C	4ACSR	7.49Y	124.8	0.00	1.18	0.59	0	4	2	89	0.00	0.0	5.461	0.089	0	0	0	1
473617	PL.3014	C	Consumer	7.49Y	124.8	0.00	1.18	0.59	0	4	2	89	0.00	0.0	5.461	0.000	4	2	1	1
473607	PL.33657	C	Consumer	7.49Y	124.8	0.00	1.17	0.92	0	6	3	89	0.00	0.0	5.281	0.000	6	3	1	1
PL.3008	PL.9079	C	4ACSR	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	4.797	0.028	0	0	0	0
473636	PL.3008	C	Consumer	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	4.797	0.000	0	0	0	0
PL.10319	PL.9078	C	4ACSR	7.50Y	125.0	0.00	1.05	0.34	0	2	1	89	0.00	0.0	4.717	0.020	0	0	0	1
PD.1544	PL.10319	C	fuse6AMP	7.50Y	125.0	0.00	1.05	0.34	6	2	1	89	0.00	0.0	4.717	0.000	0	0	0	1
PL.10318	PD.1544	C	4ACSR	7.50Y	125.0	0.00	1.05	0.34	0	2	1	89	0.00	0.0	4.789	0.072	0	0	0	1
473632	PL.10318	C	Consumer	7.50Y	125.0	0.00	1.05	0.34	0	2	1	89	0.00	0.0	4.789	0.000	2	1	1	1
PL.26768	PL.9078	A	4ACSR	7.49Y	124.8	0.00	1.22	1.29	1	9	4	91	0.00	0.0	4.714	0.016	0	0	0	6
PD.1545	PL.26768	A	fuse6AMP	7.49Y	124.8	0.00	1.22	1.29	22	9	4	91	0.00	0.0	4.714	0.000	0	0	0	6
PL.26769	PD.1545	A	4ACSR	7.49Y	124.8	0.00	1.23	1.29	1	9	4	91	0.00	0.0	4.787	0.073	0	0	0	6
PL.3003	PL.26769	A	4ACSR	7.49Y	124.8	0.00	1.23	0.55	0	4	2	89	0.00	0.0	4.910	0.123	0	0	0	4
PL.3004	PL.3003	A	4ACSR	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	5.027	0.117	0	0	0	1
473619	PL.3004	A	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	5.027	0.000	0	0	1	1
PL.3005	PL.3003	A	4ACSR	7.49Y	124.8	0.00	1.23	0.55	0	4	2	89	0.00	0.0	5.012	0.102	0	0	0	2
PL.3007	PL.3005	A	4ACSR	7.49Y	124.8	0.00	1.24	0.55	0	4	2	89	0.00	0.0	5.105	0.093	0	0	0	2
473640	PL.3007	A	Consumer	7.49Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	5.105	0.000	0	0	0	0
473628	PL.3007	A	Consumer	7.49Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	5.105	0.000	0	0	1	1
473639	PL.3007	A	Consumer	7.49Y	124.8	0.00	1.24	0.55	0	4	2	89	0.00	0.0	5.105	0.000	4	2	1	1
PL.3006	PL.3003	A	4ACSR	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	4.995	0.085	0	0	0	1
473615	PL.3006	A	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	4.995	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.2999	PL.3006	A	4ACSR	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	5.077	0.082	0	0	0	0
PL.3000	PL.2999	A	4ACSR	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	5.309	0.232	0	0	0	0
PL.3002	PL.3000	A	4ACSR	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	5.363	0.054	0	0	0	0
473637	PL.3002	A	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	5.363	0.000	0	0	0	0
473624	PL.3000	A	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	5.309	0.000	0	0	0	0
PL.3001	PL.2999	A	4ACSR	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	5.112	0.035	0	0	0	0
473633	PL.26769	A	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	4.787	0.000	0	0	1	1
473613	PL.26769	A	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	4.787	0.000	0	0	0	0
473609	PL.26769	A	Consumer	7.49Y	124.8	0.00	1.23	0.73	0	5	2	93	0.00	0.0	4.787	0.000	5	2	1	1
PL.10316	PL.9077	A	4ACSR	7.49Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	4.589	0.019	0	0	0	1
PD.1546	PL.10316	A	fuse6AMP	7.49Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	4.589	0.000	0	0	0	1
PL.10317	PD.1546	A	4ACSR	7.49Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	4.673	0.084	0	0	0	1
473620	PL.10317	A	Consumer	7.49Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	4.673	0.000	0	0	1	1
PL.10314	PL.9075	A	4ACSR	7.49Y	124.9	0.00	1.14	1.58	1	11	5	91	0.00	0.0	4.252	0.029	0	0	0	4
PD.1547	PL.10314	A	fuse6AMP	7.49Y	124.9	0.00	1.14	1.58	27	11	5	91	0.00	0.0	4.252	0.000	0	0	0	4
PL.10315	PD.1547	A	4ACSR	7.49Y	124.9	0.01	1.15	1.58	1	11	5	91	0.00	0.0	4.446	0.194	0	0	0	4
PL.19987	PL.10315	A	4ACSR	7.49Y	124.8	0.00	1.15	0.48	0	3	1	95	0.00	0.0	4.464	0.017	0	0	0	3
PL.19988	PL.19987	A	4ACSR	7.49Y	124.8	0.00	1.15	0.48	0	3	1	95	0.00	0.0	4.473	0.009	0	0	0	3
PL.9076	PL.19988	A	4ACSR	7.49Y	124.8	0.00	1.15	0.48	0	3	1	95	0.00	0.0	4.478	0.005	0	0	0	3
PL.21909	PL.9076	A	4ACSR	7.49Y	124.8	0.00	1.15	0.48	0	3	1	95	0.00	0.0	4.508	0.030	0	0	0	3
PL.21910	PL.21909	A	4ACSR	7.49Y	124.8	0.00	1.15	0.12	0	1	0	100	0.00	0.0	4.511	0.003	0	0	0	2
PL.2998	PL.21910	A	4ACSR	7.49Y	124.8	0.00	1.15	0.12	0	1	0	100	0.00	0.0	4.546	0.035	0	0	0	2
473627	PL.2998	A	Consumer	7.49Y	124.8	0.00	1.15	0.12	0	1	0	100	0.00	0.0	4.546	0.000	1	0	1	1
PL.3015	PL.2998	A	4ACSR	7.49Y	124.8	0.00	1.15	0.00	0	0	0	100	0.00	0.0	4.866	0.320	0	0	0	1
474602	PL.3015	A	Consumer	7.49Y	124.8	0.00	1.15	0.00	0	0	0	100	0.00	0.0	4.866	0.000	0	0	1	1
473623	PL.21909	A	Consumer	7.49Y	124.8	0.00	1.15	0.37	0	3	1	95	0.00	0.0	4.508	0.000	3	1	1	1
473602	PL.10315	A	Consumer	7.49Y	124.9	0.00	1.15	1.09	0	7	3	92	0.00	0.0	4.446	0.000	7	3	1	1
PL.3031	PL.9074	C	4ACSR	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	3.910	0.079	0	0	0	0
PL.10486	PL.9071	C	4ACSR	7.51Y	125.2	0.00	0.83	1.05	1	7	3	92	0.00	0.0	3.624	0.020	0	0	0	2
PD.1559	PL.10486	C	fuse6AMP	7.51Y	125.2	0.00	0.83	1.05	18	7	3	92	0.00	0.0	3.624	0.000	0	0	0	2
PL.10312	PD.1559	C	4ACSR	7.51Y	125.2	0.01	0.84	1.05	1	7	3	92	0.00	0.0	3.758	0.134	0	0	0	2
PL.24098	PL.10312	C	4ACSR	7.51Y	125.2	0.00	0.84	0.14	0	1	0	100	0.00	0.0	3.865	0.108	0	0	0	1
473516	PL.24098	C	Consumer	7.51Y	125.2	0.00	0.84	0.14	0	1	0	100	0.00	0.0	3.865	0.000	1	0	1	1
PL.9072	PL.10312	C	4ACSR	7.51Y	125.2	0.00	0.84	0.91	1	6	3	89	0.00	0.0	3.800	0.043	0	0	0	1
PL.9073	PL.9072	C	4ACSR	7.51Y	125.2	0.00	0.84	0.91	1	6	3	89	0.00	0.0	3.816	0.015	0	0	0	1
PL.3010	PL.9073	C	4ACSR	7.51Y	125.2	0.00	0.84	0.91	1	6	3	89	0.00	0.0	3.854	0.039	0	0	0	1
PL.3011	PL.3010	C	4ACSR	7.51Y	125.2	0.01	0.85	0.91	1	6	3	89	0.00	0.0	3.998	0.144	0	0	0	1
473625	PL.3011	C	Consumer	7.51Y	125.2	0.00	0.85	0.91	0	6	3	89	0.00	0.0	3.998	0.000	6	3	1	1

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
473506	PL.9072	C	Consumer	7.51Y	125.2	0.00	0.84	0.00	0	0	0	100	0.00	0.0	3.800	0.000	0	0	0	0
PL.10397	PL.10335	A	4ACSR	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	3.470	0.010	0	0	0	0
PD.1557	PL.10397	A	fuse6AMP	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	3.470	0.000	0	0	0	0
PL.10398	PD.1557	A	4ACSR	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	3.632	0.162	0	0	0	0
PL.24099	PL.10398	A	4ACSR	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	3.723	0.091	0	0	0	0
473517	PL.24099	A	Consumer	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	3.723	0.000	0	0	0	0
PL.18328	PL.9065	A	4ACSR	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	3.299	0.018	0	0	0	0
PD.1560	PL.18328	A	fuse6AMP	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	3.299	0.000	0	0	0	0
PL.18329	PD.1560	A	4ACSR	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	3.478	0.179	0	0	0	0
PL.9066	PL.18329	A	4ACSR	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	3.645	0.167	0	0	0	0
PL.24075	PL.9066	A	4ACSR	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	3.758	0.113	0	0	0	0
PL.3028	PL.18329	A	4ACSR	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	3.550	0.071	0	0	0	0
PL.30802	PL.10332	A	4ACSR	7.51Y	125.2	0.00	0.76	6.28	5	43	19	91	0.00	0.0	3.141	0.002	0	0	0	8
PL.10483	PL.30802	A	4ACSR	7.51Y	125.2	0.00	0.76	5.35	4	37	16	92	0.00	0.0	3.151	0.010	0	0	0	7
C PD.1558	PL.10483	A	fuse6AMP	7.51Y	125.2	0.00	0.76	5.35	91	37	16	92	0.00	0.0	3.151	0.000	0	0	0	7 C
PL.10484	PD.1558	A	4ACSR	7.51Y	125.2	0.01	0.77	5.35	4	37	16	92	0.00	0.0	3.209	0.059	0	0	0	7
PL.9064	PL.10484	A	4ACSR	7.51Y	125.2	0.01	0.78	4.36	4	30	13	92	0.00	0.0	3.263	0.054	0	0	0	6
PL.24124	PL.9064	A	4ACSR	7.51Y	125.2	0.00	0.78	0.65	1	5	2	93	0.00	0.0	3.315	0.052	0	0	0	1
473509	PL.24124	A	Consumer	7.51Y	125.2	0.00	0.78	0.65	0	5	2	93	0.00	0.0	3.315	0.000	5	2	1	1
PL.6819	PL.9064	A	4ACSR	7.51Y	125.2	0.00	0.79	1.95	2	13	6	91	0.00	0.0	3.300	0.037	0	0	0	2
473535	PL.6819	A	Consumer	7.51Y	125.2	0.00	0.79	1.22	0	8	4	89	0.00	0.0	3.300	0.000	8	4	1	1
PL.6820	PL.6819	A	4ACSR	7.51Y	125.2	0.00	0.79	0.74	1	5	2	93	0.00	0.0	3.340	0.040	0	0	0	1
473536	PL.6820	A	Consumer	7.51Y	125.2	0.00	0.79	0.74	0	5	2	93	0.00	0.0	3.340	0.000	5	2	1	1
473533	PL.6820	A	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	3.340	0.000	0	0	0	0
473534	PL.6820	A	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	3.340	0.000	0	0	0	0
473511	PL.9064	A	Consumer	7.51Y	125.2	0.00	0.78	0.95	0	7	3	92	0.00	0.0	3.263	0.000	7	3	1	1
473502	PL.9064	A	Consumer	7.51Y	125.2	0.00	0.78	0.14	0	1	0	100	0.00	0.0	3.263	0.000	1	0	1	1
473514	PL.9064	A	Consumer	7.51Y	125.2	0.00	0.78	0.67	0	5	2	93	0.00	0.0	3.263	0.000	5	2	1	1
PL.24123	PL.10484	A	4ACSR	7.51Y	125.2	0.00	0.77	0.99	1	7	3	92	0.00	0.0	3.252	0.043	0	0	0	1
473519	PL.24123	A	Consumer	7.51Y	125.2	0.00	0.77	0.99	0	7	3	92	0.00	0.0	3.252	0.000	7	3	1	1
473539	PL.30802	A	Consumer	7.51Y	125.2	0.00	0.76	0.92	0	6	3	89	0.00	0.0	3.141	0.000	6	3	1	1
PL.27857	PL.9061	C	4ACSR	7.52Y	125.4	0.00	0.61	1.53	1	11	5	91	0.00	0.0	3.040	0.000	0	0	0	3
PL.27858	PL.27857	C	4ACSR	7.52Y	125.4	0.00	0.61	1.53	1	11	5	91	0.00	0.0	3.106	0.066	0	0	0	3
PL.6816	PL.27858	C	4ACSR	7.52Y	125.4	0.00	0.61	0.43	0	3	1	95	0.00	0.0	3.149	0.043	0	0	0	1
473529	PL.6816	C	Consumer	7.52Y	125.4	0.00	0.61	0.43	0	3	1	95	0.00	0.0	3.149	0.000	3	1	1	1
473512	PL.27858	C	Consumer	7.52Y	125.4	0.00	0.61	0.44	0	3	1	95	0.00	0.0	3.106	0.000	3	1	1	1
473513	PL.27858	C	Consumer	7.52Y	125.4	0.00	0.61	0.65	0	5	2	93	0.00	0.0	3.106	0.000	5	2	1	1
473507	PL.9061	C	Consumer	7.52Y	125.4	0.00	0.61	0.00	0	0	0	100	0.00	0.0	3.039	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	Length (mi)					KW	KVAR		
PL.10481	PL.9062	A	4ACSR	7.52Y	125.4	0.00	0.61	15.92	13	110	48	92	0.00	0.0	2.971	0.005	0	0	0	15	
C PD.2426	PL.10481	A	fuse6AMP	7.52Y	125.4	0.00	0.61	15.92	272	110	48	92	0.00	0.0	2.971	0.000	0	0	0	15 C	
PL.10482	PD.2426	A	4ACSR	7.52Y	125.4	0.01	0.62	15.92	13	110	48	92	0.01	0.0	2.990	0.020	0	0	0	15	
PL.25394	PL.10482	A	4ACSR	7.52Y	125.4	0.00	0.62	15.92	13	110	48	92	0.00	0.0	2.990	0.000	0	0	0	15	
525515	PL.25394	A	Consumer	7.52Y	125.4	0.00	0.62	1.55	0	11	5	91	0.00	0.0	2.990	0.000	11	5	1	1	
PL.25395	PL.25394	A	4ACSR	7.52Y	125.3	0.06	0.68	14.37	12	99	43	92	0.04	0.0	3.080	0.090	0	0	0	14	
PL.7219	PL.25395	A	4ACSR	7.52Y	125.3	0.02	0.71	10.93	9	75	33	92	0.01	0.0	3.124	0.044	0	0	0	11	
526503	PL.7219	A	Consumer	7.52Y	125.3	0.00	0.71	0.53	0	4	2	89	0.00	0.0	3.124	0.000	4	2	1	1	
526501	PL.7219	A	Consumer	7.52Y	125.3	0.00	0.71	0.85	0	6	3	89	0.00	0.0	3.124	0.000	6	3	1	1	
PL.26771	PL.7219	A	4ACSR	7.52Y	125.3	0.02	0.72	9.55	8	66	29	92	0.01	0.0	3.165	0.041	0	0	0	9	
PL.26395	PL.26771	A	4ACSR	7.51Y	125.2	0.03	0.75	3.86	3	27	12	91	0.01	0.0	3.333	0.168	0	0	0	4	
PL.26770	PL.26395	A	4ACSR	7.51Y	125.2	0.00	0.76	1.29	1	9	4	91	0.00	0.0	3.386	0.053	0	0	0	2	
PL.7216	PL.26770	A	4ACSR	7.51Y	125.2	-0.00	0.76	0.00	0	0	0	100	0.00	0.0	3.427	0.041	0	0	0	1	
5295004	PL.7216	A	Consumer	7.51Y	125.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	3.427	0.000	0	0	1	1	
529503	PL.26770	A	Consumer	7.51Y	125.2	0.00	0.76	1.29	0	9	4	91	0.00	0.0	3.386	0.000	9	4	1	1	
528505	PL.26395	A	Consumer	7.51Y	125.2	0.00	0.75	1.37	0	9	4	91	0.00	0.0	3.333	0.000	9	4	1	1	
528504	PL.26395	A	Consumer	7.51Y	125.2	0.00	0.75	1.20	0	8	4	89	0.00	0.0	3.333	0.000	8	4	1	1	
PL.7217	PL.26771	A	4ACSR	7.52Y	125.3	0.01	0.73	3.28	3	23	10	92	0.00	0.0	3.202	0.037	0	0	0	3	
527503	PL.7217	A	Consumer	7.52Y	125.3	0.00	0.73	1.80	0	12	5	92	0.00	0.0	3.202	0.000	12	5	1	1	
527502	PL.7217	A	Consumer	7.52Y	125.3	0.00	0.73	0.17	0	1	1	71	0.00	0.0	3.202	0.000	1	1	1	1	
PL.7218	PL.7217	A	4ACSR	7.52Y	125.3	0.00	0.73	1.31	1	9	4	91	0.00	0.0	3.241	0.039	0	0	0	1	
528501	PL.7218	A	Consumer	7.52Y	125.3	0.00	0.73	1.31	0	9	4	91	0.00	0.0	3.241	0.000	9	4	1	1	
5275004	PL.26771	A	Consumer	7.52Y	125.3	0.00	0.72	1.54	0	11	5	91	0.00	0.0	3.165	0.000	11	5	1	1	
527501	PL.26771	A	Consumer	7.52Y	125.3	0.00	0.72	0.87	0	6	3	89	0.00	0.0	3.165	0.000	6	3	1	1	
526505	PL.25395	A	Consumer	7.52Y	125.3	0.00	0.68	1.69	0	12	5	92	0.00	0.0	3.080	0.000	12	5	1	1	
526502	PL.25395	A	Consumer	7.52Y	125.3	0.00	0.68	0.97	0	7	3	92	0.00	0.0	3.080	0.000	7	3	1	1	
526504	PL.25395	A	Consumer	7.52Y	125.3	0.00	0.68	0.78	0	5	2	93	0.00	0.0	3.080	0.000	5	2	1	1	
PL.18218	PL.9062	C	4ACSR	7.53Y	125.4	0.00	0.57	1.67	1	12	5	92	0.00	0.0	2.975	0.009	0	0	0	2	
PD.2422	PL.18218	C	fuse6AMP	7.53Y	125.4	0.00	0.57	1.67	29	12	5	92	0.00	0.0	2.975	0.000	0	0	0	2	
PL.18219	PD.2422	C	4ACSR	7.53Y	125.4	0.01	0.58	1.67	1	12	5	92	0.00	0.0	3.053	0.078	0	0	0	2	
PL.7211	PL.18219	C	4ACSR	7.53Y	125.4	0.00	0.58	1.67	1	12	5	92	0.00	0.0	3.053	0.000	0	0	0	2	
524504	PL.7211	C	Consumer	7.53Y	125.4	0.00	0.58	1.05	0	7	3	92	0.00	0.0	3.053	0.000	7	3	1	1	
524503	PL.7211	C	Consumer	7.53Y	125.4	0.00	0.58	0.62	0	4	2	89	0.00	0.0	3.053	0.000	4	2	1	1	
524502	PL.7211	C	Consumer	7.53Y	125.4	0.00	0.58	0.00	0	0	0	100	0.00	0.0	3.053	0.000	0	0	0	0	
525404	PL.19628	C	Consumer	7.53Y	125.5	0.00	0.49	0.77	0	5	2	93	0.00	0.0	2.828	0.000	5	2	1	1	
525402	PL.19628	C	Consumer	7.53Y	125.5	0.00	0.49	0.32	0	2	1	89	0.00	0.0	2.828	0.000	2	1	1	1	
PL.27884	PL.19628	A	1/0ACSR	7.54Y	125.6	0.00	0.39	31.83	16	234	51	98	0.04	0.0	2.834	0.006	0	0	0	81	
		B		7.54Y	125.6	0.01	0.40	53.70	27	384	127	95					0	0	0	86	
		C		7.53Y	125.5	0.01	0.49	60.45	30	432	145	95					0	0	0	117	

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							% 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.27885	PL.27884	A	1/0ACSR	7.53Y	125.6	0.04	0.43	31.83	16	234	51	98	0.92	0.1	2.973	0.138	0	0	0	81		
		B		7.53Y	125.4	0.16	0.56	53.70	27	384	127	95					0	0	0	86		
		C		7.52Y	125.4	0.15	0.65	60.45	30	432	145	95					0	0	0	117		
PL.25792	PL.27885	C	4ACSR	7.52Y	125.4	0.00	0.65	5.13	4	35	15	92	0.00	0.0	2.984	0.011	0	0	0	15		
C PD.2432	PL.25792	C	fuse6AMP	7.52Y	125.4	0.00	0.65	5.13	88	35	15	92	0.00	0.0	2.984	0.000	0	0	0	15 C		
PL.10476	PD.2432	C	4ACSR	7.52Y	125.3	0.02	0.67	5.13	4	35	15	92	0.01	0.0	3.077	0.093	0	0	0	15		
PL.3476	PL.10476	C	4ACSR	7.52Y	125.3	0.01	0.68	1.32	1	9	4	91	0.00	0.0	3.184	0.107	0	0	0	4		
523305	PL.3476	C	Consumer	7.52Y	125.3	0.00	0.68	0.53	0	4	2	89	0.00	0.0	3.184	0.000	4	2	1	1		
523304	PL.3476	C	Consumer	7.52Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	3.184	0.000	0	0	1	1		
523303	PL.3476	C	Consumer	7.52Y	125.3	0.00	0.68	0.46	0	3	1	95	0.00	0.0	3.184	0.000	3	1	1	1		
524308	PL.3476	C	Consumer	7.52Y	125.3	0.00	0.68	0.34	0	2	1	89	0.00	0.0	3.184	0.000	2	1	1	1		
PL.3478	PL.10476	C	4ACSR	7.52Y	125.3	0.00	0.67	0.78	1	5	2	93	0.00	0.0	3.114	0.037	0	0	0	2		
522310	PL.3478	C	Consumer	7.52Y	125.3	0.00	0.67	0.57	0	4	2	89	0.00	0.0	3.114	0.000	4	2	1	1		
522306	PL.3478	C	Consumer	7.52Y	125.3	0.00	0.67	0.21	0	1	1	71	0.00	0.0	3.114	0.000	1	1	1	1		
PL.7213	PL.10476	C	4ACSR	7.52Y	125.3	0.00	0.67	3.02	3	21	9	92	0.00	0.0	3.103	0.026	0	0	0	9		
PL.7214	PL.7213	C	4ACSR	7.52Y	125.3	0.01	0.68	3.02	3	21	9	92	0.00	0.0	3.155	0.052	0	0	0	9		
522302	PL.7214	C	Consumer	7.52Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	3.155	0.000	0	0	0	0		
521302	PL.7214	C	Consumer	7.52Y	125.3	0.00	0.68	0.03	0	0	0	100	0.00	0.0	3.155	0.000	0	0	1	1		
522201	PL.7214	C	Consumer	7.52Y	125.3	0.00	0.68	0.08	0	1	0	100	0.00	0.0	3.155	0.000	1	0	1	1		
522312	PL.7214	C	Consumer	7.52Y	125.3	0.00	0.68	0.18	0	1	1	71	0.00	0.0	3.155	0.000	1	1	1	1		
522304	PL.7214	C	Consumer	7.52Y	125.3	0.00	0.68	0.37	0	3	1	95	0.00	0.0	3.155	0.000	3	1	1	1		
522303	PL.7214	C	Consumer	7.52Y	125.3	0.00	0.68	0.34	0	2	1	89	0.00	0.0	3.155	0.000	2	1	1	1		
522202	PL.7214	C	Consumer	7.52Y	125.3	0.00	0.68	0.77	0	5	2	93	0.00	0.0	3.155	0.000	5	2	1	1		
PL.3477	PL.7214	C	4ACSR	7.52Y	125.3	0.00	0.68	1.26	1	9	4	91	0.00	0.0	3.166	0.011	0	0	0	3		
522309	PL.3477	C	Consumer	7.52Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	3.166	0.000	0	0	0	0		
522313	PL.3477	C	Consumer	7.52Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	3.166	0.000	0	0	0	0		
522307	PL.3477	C	Consumer	7.52Y	125.3	0.00	0.68	0.33	0	2	1	89	0.00	0.0	3.166	0.000	2	1	1	1		
522314	PL.3477	C	Consumer	7.52Y	125.3	0.00	0.68	0.20	0	1	1	71	0.00	0.0	3.166	0.000	1	1	1	1		
522301	PL.3477	C	Consumer	7.52Y	125.3	0.00	0.68	0.72	0	5	2	93	0.00	0.0	3.166	0.000	5	2	1	1		
PL.9069	PL.27885	A	1/0ACSR	7.53Y	125.5	0.05	0.48	31.83	16	234	51	98	0.83	0.1	3.109	0.136	0	0	0	81		
		B		7.52Y	125.3	0.16	0.72	53.70	27	384	126	95					0	0	0	86		
		C		7.51Y	125.2	0.13	0.78	55.34	28	396	129	95					0	0	0	102		
PL.9070	PL.9069	A	1/0ACSR	7.53Y	125.5	0.01	0.49	31.83	16	234	51	98	0.17	0.0	3.138	0.029	0	0	0	81		
		B		7.51Y	125.2	0.03	0.76	53.70	27	384	126	95					0	0	0	86		
		C		7.51Y	125.2	0.03	0.80	54.61	27	390	126	95					0	0	0	101		
PL.10477	PL.9070	A	4ACSR	7.53Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	3.145	0.007	0	0	0	2		
PD.2431	PL.10477	A	fuse6AMP	7.53Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	3.145	0.000	0	0	0	2		
PL.10478	PD.2431	A	4ACSR	7.53Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	3.175	0.031	0	0	0	2		
521407	PL.10478	A	Consumer	7.53Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	3.175	0.000	0	0	0	0		
PL.7212	PL.10478	A	4ACSR	7.53Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	3.201	0.026	0	0	0	2		
521403	PL.7212	A	Consumer	7.53Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	3.201	0.000	0	0	0	0		

Unbalanced Voltage Drop Report
Source: VAN METER

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 521401, 521405, PL.8675, etc.

Unbalanced Voltage Drop Report
Source: VAN METER

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.

Unbalanced Voltage Drop Report
Source: VAN METER

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.38196, 471402, etc.

Unbalanced Voltage Drop Report
Source: VAN METER

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	mi From Src	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	Length (mi)	KW	KVAR	Cons On
PL.9809	PL.9808	A	1/0ACSR	7.50Y	125.0	0.02	0.99	21.21	11	158	18	99	0.56	0.1	4.835	0.117	0	0	0	54
		B		7.39Y	123.2	0.14	2.76	50.74	25	358	113	95					0	0	0	80
		C		7.42Y	123.7	0.09	2.26	48.40	24	344	103	96					0	0	0	92
471512	PL.9809	A	Consumer	7.50Y	125.0	0.00	0.99	0.51	0	4	2	89	0.00	0.0	4.835	0.000	4	2	1	1
471532	PL.9809	A	Consumer	7.50Y	125.0	0.00	0.99	0.05	0	0	0	100	0.00	0.0	4.835	0.000	0	0	1	1
471511	PL.9809	B	Consumer	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	4.835	0.000	0	0	0	0
PL.10042	PL.9809	B	4ACSR	7.39Y	123.2	0.02	2.78	23.27	20	154	76	90	0.02	0.0	4.851	0.016	0	0	0	44
PD.425-A	PL.10042	B	Closed	7.39Y	123.2	0.00	2.78	23.27	0	154	76	90	0.00	0.0	4.851	0.000	0	0	0	44
PD.425-B	PD.425-A	B	Closed	7.39Y	123.2	0.00	2.78	23.27	0	154	76	90	0.00	0.0	4.851	0.000	0	0	0	44
PL.27916	PD.425-B	B	4ACSR	7.37Y	122.9	0.33	3.11	23.27	20	154	76	90	0.39	0.3	5.156	0.305	0	0	0	44
PD.3539	PL.27916	B	50L	7.37Y	122.9	0.00	3.11	23.27	47	154	76	90	0.00	0.0	5.156	0.000	0	0	0	44
PL.20430	PD.3539	B	4ACSR	7.37Y	122.9	0.01	3.12	23.27	20	154	76	90	0.02	0.0	5.169	0.012	0	0	0	44
PL.24079	PL.20430	B	4ACSR	7.37Y	122.9	0.00	3.12	0.36	0	2	1	89	0.00	0.0	5.224	0.056	0	0	0	1
471513	PL.24079	B	Consumer	7.37Y	122.9	0.00	3.12	0.36	0	2	1	89	0.00	0.0	5.224	0.000	2	1	1	1
PL.8674	PL.20430	B	4ACSR	7.36Y	122.7	0.19	3.31	22.91	19	152	75	90	0.22	0.1	5.345	0.176	0	0	0	43
PL.38181	PL.8674	B	4ACSR	7.36Y	122.7	0.00	3.31	0.04	0	0	0	100	0.00	0.0	5.349	0.004	0	0	0	1
PD.6641	PL.38181	B	fuse6AMP	7.36Y	122.7	0.00	3.31	0.04	1	0	0	100	0.00	0.0	5.349	0.000	0	0	0	1
PL.38182	PD.6641	B	4ACSR	7.36Y	122.7	0.00	3.31	0.04	0	0	0	100	0.00	0.0	5.413	0.064	0	0	0	1
471538	PL.38182	B	Consumer	7.36Y	122.7	0.00	3.31	0.04	0	0	0	100	0.00	0.0	5.413	0.000	0	0	1	1
PL.8673	PL.8674	B	4ACSR	7.35Y	122.5	0.15	3.46	22.87	19	151	74	90	0.18	0.1	5.486	0.141	0	0	0	42
PL.169	PL.8673	B	4ACSR	7.35Y	122.5	0.05	3.51	18.68	16	123	62	89	0.05	0.0	5.543	0.056	0	0	0	30
PL.40590	PL.169	B	4ACSR	7.35Y	122.4	0.08	3.58	18.68	16	122	62	89	0.07	0.1	5.632	0.089	0	0	0	30
PL.40591	PL.40590	B	4ACSR	7.34Y	122.4	0.01	3.59	15.22	13	100	51	89	0.01	0.0	5.648	0.016	0	0	0	29
C PD.1527	PL.40591	B	fuse6AMP	7.34Y	122.4	0.00	3.59	15.22	260	100	51	89	0.00	0.0	5.648	0.000	0	0	0	29 C
PL.15016	PD.1527	B	4ACSR	7.32Y	122.1	0.33	3.92	15.22	13	100	51	89	0.26	0.3	6.113	0.464	0	0	0	29
PL.2919	PL.15016	B	4ACSR	7.32Y	122.1	0.01	3.93	1.04	1	7	3	92	0.00	0.0	6.230	0.117	0	0	0	3
PL.2920	PL.2919	B	4ACSR	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	6.310	0.080	0	0	0	1
PL.2921	PL.2920	B	4ACSR	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	6.423	0.113	0	0	0	0
PL.2917	PL.2920	B	4ACSR	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	6.425	0.115	0	0	0	1
PL.2918	PL.2917	B	4ACSR	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	6.502	0.077	0	0	0	1
471611	PL.2918	B	Consumer	7.32Y	122.1	0.00	3.93	0.00	0	0	0	100	0.00	0.0	6.502	0.000	0	0	1	1
471603	PL.2919	B	Consumer	7.32Y	122.1	0.00	3.93	0.47	0	3	1	95	0.00	0.0	6.230	0.000	3	1	1	1
471604	PL.2919	B	Consumer	7.32Y	122.1	0.00	3.93	0.57	0	4	2	89	0.00	0.0	6.230	0.000	4	2	1	1
471608	PL.15016	B	Consumer	7.32Y	122.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	6.113	0.000	0	0	1	1
PL.10024	PL.15016	B	4ACSR	7.31Y	121.8	0.28	4.20	14.18	12	92	48	89	0.20	0.2	6.534	0.421	0	0	0	25
C PD.1526	PL.10024	B	fuse6AMP	7.31Y	121.8	0.00	4.20	14.18	242	92	48	89	0.00	0.0	6.534	0.000	0	0	0	25 C
PL.40754	PD.1526	B	4ACSR	7.31Y	121.8	0.04	4.24	14.18	12	92	48	89	0.03	0.0	6.591	0.057	0	0	0	25
470610	PL.40754	B	Consumer	7.31Y	121.8	0.00	4.24	6.50	0	40	25	85	0.00	0.0	6.591	0.000	40	25	1	1
PL.40755	PL.40754	B	4ACSR	7.30Y	121.7	0.06	4.30	7.71	6	52	23	91	0.03	0.0	6.767	0.176	0	0	0	24

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.2924	PL.40755	B	4ACSR	7.30Y	121.7	0.01	4.31	0.73	1	5	2	93	0.00	0.0	7.010	0.244	0	0	0	2		
PL.2925	PL.2924	B	4ACSR	7.30Y	121.7	0.00	4.31	0.57	0	4	2	89	0.00	0.0	7.036	0.026	0	0	0	1		
470606	PL.2925	B	Consumer	7.30Y	121.7	0.00	4.31	0.57	0	4	2	89	0.00	0.0	7.036	0.000	4	2	1	1		
PL.2922	PL.2924	B	4ACSR	7.30Y	121.7	0.00	4.31	0.15	0	1	0	100	0.00	0.0	7.110	0.099	0	0	0	1		
470611	PL.2922	B	Consumer	7.30Y	121.7	0.00	4.31	0.15	0	1	0	100	0.00	0.0	7.110	0.000	1	0	1	1		
PL.2928	PL.40755	B	4ACSR	7.30Y	121.7	0.00	4.30	1.34	1	9	4	91	0.00	0.0	6.825	0.058	0	0	0	6		
PL.2929	PL.2928	B	4ACSR	7.30Y	121.7	0.00	4.30	0.48	0	3	1	95	0.00	0.0	6.834	0.009	0	0	0	2		
470602	PL.2929	B	Consumer	7.30Y	121.7	0.00	4.30	0.40	0	3	1	95	0.00	0.0	6.834	0.000	3	1	1	1		
4706015	PL.2929	B	Consumer	7.30Y	121.7	0.00	4.30	0.08	0	1	0	100	0.00	0.0	6.834	0.000	0	0	0	1		
470612	4706015	B	Consumer	7.30Y	121.7	0.00	4.30	0.08	0	1	0	100	0.00	0.0	6.834	0.000	1	0	1	1		
PL.2936	PL.2928	B	4ACSR	7.30Y	121.7	0.01	4.31	0.87	1	6	3	89	0.00	0.0	6.955	0.130	0	0	0	4		
PL.2182	PL.2936	B	4ACSR	7.30Y	121.7	0.00	4.31	0.87	1	6	3	89	0.00	0.0	7.058	0.103	0	0	0	4		
PL.2183	PL.2182	B	4ACSR	7.30Y	121.7	0.00	4.32	0.69	1	5	2	93	0.00	0.0	7.175	0.116	0	0	0	2		
PL.2184	PL.2183	B	4ACSR	7.30Y	121.7	0.00	4.32	0.44	0	3	1	95	0.00	0.0	7.245	0.070	0	0	0	1		
419605	PL.2184	B	Consumer	7.30Y	121.7	0.00	4.32	0.44	0	3	1	95	0.00	0.0	7.245	0.000	3	1	1	1		
PL.2185	PL.2183	B	4ACSR	7.30Y	121.7	0.00	4.32	0.25	0	2	1	89	0.00	0.0	7.353	0.178	0	0	0	1		
PL.2188	PL.2185	B	4ACSR	7.30Y	121.7	0.00	4.32	0.25	0	2	1	89	0.00	0.0	7.500	0.147	0	0	0	1		
419602	PL.2188	B	Consumer	7.30Y	121.7	0.00	4.32	0.25	0	2	1	89	0.00	0.0	7.500	0.000	2	1	1	1		
419601	PL.2182	B	Consumer	7.30Y	121.7	0.00	4.31	0.05	0	0	0	100	0.00	0.0	7.058	0.000	0	0	1	1		
419603	PL.2182	B	Consumer	7.30Y	121.7	0.00	4.31	0.14	0	1	0	100	0.00	0.0	7.058	0.000	1	0	1	1		
PL.8668	PL.40755	B	4ACSR	7.30Y	121.7	0.04	4.34	5.64	5	38	16	92	0.01	0.0	6.938	0.172	0	0	0	16		
PL.10026	PL.8668	B	4ACSR	7.30Y	121.6	0.04	4.38	5.64	5	38	16	92	0.01	0.0	7.077	0.138	0	0	0	16		
PL.10027	PL.10026	B	4ACSR	7.30Y	121.6	0.02	4.40	5.64	5	38	16	92	0.00	0.0	7.137	0.061	0	0	0	16		
PL.2186	PL.10027	B	4ACSR	7.30Y	121.6	0.00	4.40	0.17	0	1	1	71	0.00	0.0	7.209	0.072	0	0	0	2		
419723	PL.2186	B	Consumer	7.30Y	121.6	0.00	4.40	0.02	0	0	0	100	0.00	0.0	7.209	0.000	0	0	1	1		
PL.6579	PL.2186	B	4ACSR	7.30Y	121.6	0.00	4.40	0.15	0	1	0	100	0.00	0.0	7.272	0.063	0	0	0	1		
419701	PL.6579	B	Consumer	7.30Y	121.6	0.00	4.40	0.15	0	1	0	100	0.00	0.0	7.272	0.000	1	0	1	1		
PL.6580	PL.6579	B	4ACSR	7.30Y	121.6	0.00	4.40	0.00	0	0	0	100	0.00	0.0	7.303	0.032	0	0	0	0		
419710	PL.6580	B	Consumer	7.30Y	121.6	0.00	4.40	0.00	0	0	0	100	0.00	0.0	7.303	0.000	0	0	0	0		
PL.8666	PL.10027	B	4ACSR	7.29Y	121.6	0.03	4.43	5.47	5	37	16	92	0.01	0.0	7.276	0.138	0	0	0	14		
PL.8667	PL.8666	B	4ACSR	7.29Y	121.6	0.01	4.44	4.63	4	31	14	91	0.00	0.0	7.316	0.040	0	0	0	13		
PL.10339	PL.8667	B	4ACSR	7.29Y	121.5	0.02	4.46	4.63	4	31	14	91	0.01	0.0	7.422	0.107	0	0	0	13		
PD.292-A	PL.10339	B	Closed	7.29Y	121.5	0.00	4.46	4.63	0	31	14	91	0.00	0.0	7.422	0.000	0	0	0	13		
PD.292-B	PD.292-A	B	Closed	7.29Y	121.5	0.00	4.46	4.63	0	31	14	91	0.00	0.0	7.422	0.000	0	0	0	13		
PL.10340	PD.292-B	B	4ACSR	7.29Y	121.5	0.00	4.46	4.63	4	31	14	91	0.00	0.0	7.432	0.010	0	0	0	13		
PL.6581	PL.10340	B	4ACSR	7.29Y	121.5	0.00	4.47	1.60	1	11	5	91	0.00	0.0	7.492	0.060	0	0	0	3		
419709	PL.6581	B	Consumer	7.29Y	121.5	0.00	4.47	0.50	0	3	1	95	0.00	0.0	7.492	0.000	3	1	1	1		
419714	PL.6581	B	Consumer	7.29Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	7.492	0.000	0	0	0	0		

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
419702	PL.6581	B	Consumer	7.29Y	121.5	0.00	4.47	0.29	0	2	1	89	0.00	0.0	7.492	0.000	2	1	1	1
419719	PL.6581	B	Consumer	7.29Y	121.5	0.00	4.47	0.81	0	5	2	93	0.00	0.0	7.492	0.000	5	2	1	1
PL.6582	PL.6581	B	4ACSR	7.29Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	7.515	0.023	0	0	0	0
PL.8664	PL.10340	B	4ACSR	7.29Y	121.5	0.01	4.48	3.03	3	20	9	91	0.00	0.0	7.536	0.104	0	0	0	10
419717	PL.8664	B	Consumer	7.29Y	121.5	0.00	4.48	0.61	0	4	2	89	0.00	0.0	7.536	0.000	4	2	1	1
PL.41212	PL.8664	B	4ACSR	7.29Y	121.5	0.00	4.48	2.11	2	14	6	92	0.00	0.0	7.557	0.022	0	0	0	8
PD.7621	PL.41212	B	fuse6AMP	7.29Y	121.5	0.00	4.48	2.11	36	14	6	92	0.00	0.0	7.557	0.000	0	0	0	8
PL.41213	PD.7621	B	4ACSR	7.29Y	121.5	0.00	4.48	2.11	2	14	6	92	0.00	0.0	7.586	0.028	0	0	0	8
PL.19575	PL.41213	B	4ACSR	7.29Y	121.5	0.00	4.48	2.11	2	14	6	92	0.00	0.0	7.586	0.000	0	0	0	8
PL.2198	PL.19575	B	4ACSR	7.29Y	121.5	0.00	4.49	1.39	1	9	4	91	0.00	0.0	7.620	0.034	0	0	0	2
419722	PL.2198	B	Consumer	7.29Y	121.5	0.00	4.49	0.69	0	5	2	93	0.00	0.0	7.620	0.000	5	2	1	1
419721	PL.2198	B	Consumer	7.29Y	121.5	0.00	4.49	0.70	0	5	2	93	0.00	0.0	7.620	0.000	5	2	1	1
PL.8669	PL.19575	B	4ACSR	7.29Y	121.5	0.00	4.49	0.72	1	5	2	93	0.00	0.0	7.675	0.090	0	0	0	6
PL.8670	PL.8669	B	4ACSR	7.29Y	121.5	0.00	4.49	0.71	1	5	2	93	0.00	0.0	7.744	0.068	0	0	0	5
419718	PL.8670	B	Consumer	7.29Y	121.5	0.00	4.49	0.27	0	2	1	89	0.00	0.0	7.744	0.000	2	1	1	1
PL.6584	PL.8670	B	4ACSR	7.29Y	121.5	0.00	4.49	0.44	0	3	1	95	0.00	0.0	7.802	0.058	0	0	0	4
PL.2189	PL.6584	B	4ACSR	7.29Y	121.5	0.00	4.49	0.11	0	1	0	100	0.00	0.0	7.987	0.185	0	0	0	2
PL.25073	PL.2189	B	4ACSR	7.29Y	121.5	0.00	4.49	0.11	0	1	0	100	0.00	0.0	8.147	0.160	0	0	0	2
PL.25074	PL.25073	B	4ACSR	7.29Y	121.5	0.00	4.49	0.06	0	0	0	100	0.00	0.0	8.327	0.179	0	0	0	1
419712	PL.25074	B	Consumer	7.29Y	121.5	0.00	4.49	0.06	0	0	0	100	0.00	0.0	8.327	0.000	0	0	1	1
PL.2191	PL.25073	B	4ACSR	7.29Y	121.5	0.00	4.49	0.04	0	0	0	100	0.00	0.0	8.234	0.087	0	0	0	1
419716	PL.2191	B	Consumer	7.29Y	121.5	0.00	4.49	0.04	0	0	0	100	0.00	0.0	8.234	0.000	0	0	1	1
419708	PL.6584	B	Consumer	7.29Y	121.5	0.00	4.49	0.06	0	0	0	100	0.00	0.0	7.802	0.000	0	0	1	1
419720	PL.6584	B	Consumer	7.29Y	121.5	0.00	4.49	0.27	0	2	1	89	0.00	0.0	7.802	0.000	2	1	1	1
PL.2199	PL.8669	B	4ACSR	7.29Y	121.5	0.00	4.49	0.01	0	0	0	100	0.00	0.0	7.761	0.086	0	0	0	1
419724	PL.2199	B	Consumer	7.29Y	121.5	0.00	4.49	0.01	0	0	0	100	0.00	0.0	7.761	0.000	0	0	1	1
PL.8665	PL.8664	B	4ACSR	7.29Y	121.5	0.00	4.48	0.31	0	2	1	89	0.00	0.0	7.611	0.076	0	0	0	1
419705	PL.8665	B	Consumer	7.29Y	121.5	0.00	4.48	0.31	0	2	1	89	0.00	0.0	7.611	0.000	2	1	1	1
PL.6583	PL.8665	B	4ACSR	7.29Y	121.5	0.00	4.48	0.00	0	0	0	100	0.00	0.0	7.704	0.092	0	0	0	0
PL.45475	PL.6583	B	4ACSR	7.29Y	121.5	0.00	4.48	0.00	0	0	0	100	0.00	0.0	7.719	0.016	0	0	0	0
PD.8652-A	PL.45475	B	Open	7.29Y	121.5	0.00	4.48	0.00	0	0	0	100	0.00	0.0	7.719	0.000	0	0	0	0
PL.2930	PL.8666	B	4ACSR	7.29Y	121.6	0.00	4.43	0.83	1	6	2	95	0.00	0.0	7.362	0.086	0	0	0	1
470712	PL.2930	B	Consumer	7.29Y	121.6	0.00	4.43	0.83	0	6	2	95	0.00	0.0	7.362	0.000	6	2	1	1
PL.10028	PL.10026	B	4ACSR	7.30Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	7.080	0.004	0	0	0	0
PD.1525	PL.10028	B	fuse6AMP	7.30Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	7.080	0.000	0	0	0	0
PL.10029	PD.1525	B	4ACSR	7.30Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	7.091	0.011	0	0	0	0
471615	PL.40590	B	Consumer	7.35Y	122.4	0.00	3.58	3.46	0	23	11	90	0.00	0.0	5.632	0.000	23	11	1	1
PL.170	PL.8673	B	4ACSR	7.35Y	122.5	0.01	3.46	4.20	4	28	12	92	0.00	0.0	5.522	0.036	0	0	0	12

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.24078	PL.170	B	4ACSR	7.35Y	122.5	0.00	3.46	4.20	4	28	12	92	0.00	0.0	5.523	0.001	0	0	0	12
PL.8671	PL.24078	B	4ACSR	7.35Y	122.5	0.01	3.47	4.20	4	28	12	92	0.00	0.0	5.575	0.052	0	0	0	12
PL.2942	PL.8671	B	4ACSR	7.35Y	122.5	0.00	3.47	0.69	1	5	2	93	0.00	0.0	5.598	0.022	0	0	0	4
PL.2943	PL.2942	B	4ACSR	7.35Y	122.5	0.01	3.48	0.69	1	5	2	93	0.00	0.0	5.791	0.193	0	0	0	4
PL.2944	PL.2943	B	4ACSR	7.35Y	122.5	0.00	3.48	0.58	0	4	2	89	0.00	0.0	5.870	0.079	0	0	0	2
471610	PL.2944	B	Consumer	7.35Y	122.5	0.00	3.48	0.14	0	1	0	100	0.00	0.0	5.870	0.000	1	0	1	1
471616	PL.2944	B	Consumer	7.35Y	122.5	0.00	3.48	0.45	0	3	1	95	0.00	0.0	5.870	0.000	3	1	1	1
PL.2945	PL.2943	B	4ACSR	7.35Y	122.5	0.00	3.48	0.00	0	0	0	100	0.00	0.0	6.083	0.293	0	0	0	1
471606	PL.2945	B	Consumer	7.35Y	122.5	0.00	3.48	0.00	0	0	0	100	0.00	0.0	6.083	0.000	0	0	1	1
471612	PL.2943	B	Consumer	7.35Y	122.5	0.00	3.48	0.10	0	1	0	100	0.00	0.0	5.791	0.000	1	0	1	1
PL.8672	PL.8671	B	4ACSR	7.35Y	122.5	0.01	3.49	3.51	3	24	10	92	0.00	0.0	5.656	0.080	0	0	0	8
PL.6804	PL.8672	B	4ACSR	7.35Y	122.5	0.02	3.51	3.51	3	24	10	92	0.00	0.0	5.789	0.134	0	0	0	8
471523	PL.6804	B	Consumer	7.35Y	122.5	0.00	3.51	0.86	0	6	3	89	0.00	0.0	5.789	0.000	6	3	1	1
PL.6805	PL.6804	B	4ACSR	7.35Y	122.5	0.04	3.54	2.65	2	18	8	91	0.00	0.0	6.077	0.288	0	0	0	7
PL.6802	PL.6805	B	4ACSR	7.35Y	122.4	0.02	3.56	2.32	2	16	7	92	0.00	0.0	6.254	0.177	0	0	0	3
471525	PL.6802	B	Consumer	7.35Y	122.4	0.00	3.56	1.09	0	7	3	92	0.00	0.0	6.254	0.000	7	3	1	1
PL.6803	PL.6802	B	4ACSR	7.35Y	122.4	0.00	3.56	1.23	1	8	4	89	0.00	0.0	6.258	0.004	0	0	0	2
PL.24077	PL.6803	B	4ACSR	7.35Y	122.4	0.01	3.58	1.23	1	8	4	89	0.00	0.0	6.479	0.221	0	0	0	2
PL.24091	PL.24077	B	4ACSR	7.35Y	122.4	0.00	3.58	0.02	0	0	0	100	0.00	0.0	6.599	0.119	0	0	0	1
471537	PL.24091	B	Consumer	7.35Y	122.4	0.00	3.58	0.02	0	0	0	100	0.00	0.0	6.599	0.000	0	0	1	1
471528	PL.24077	B	Consumer	7.35Y	122.4	0.00	3.58	1.21	0	8	4	89	0.00	0.0	6.479	0.000	8	4	1	1
472519	PL.6805	B	Consumer	7.35Y	122.5	0.00	3.54	0.13	0	1	0	100	0.00	0.0	6.077	0.000	1	0	1	1
472503	PL.6805	B	Consumer	7.35Y	122.5	0.00	3.54	0.01	0	0	0	100	0.00	0.0	6.077	0.000	0	0	1	1
472513	PL.6805	B	Consumer	7.35Y	122.5	0.00	3.54	0.08	0	1	0	100	0.00	0.0	6.077	0.000	1	0	1	1
PL.6795	PL.6805	B	4ACSR	7.35Y	122.5	0.00	3.54	0.11	0	1	0	100	0.00	0.0	6.345	0.268	0	0	0	1
472511	PL.6795	B	Consumer	7.35Y	122.5	0.00	3.54	0.11	0	1	0	100	0.00	0.0	6.345	0.000	1	0	1	1
PL.15017	PL.9809	A	1/0ACSR	7.50Y	125.0	0.00	0.99	20.67	10	154	16	99	0.05	0.0	4.852	0.017	0	0	0	52
		B		7.39Y	123.2	0.01	2.77	27.97	14	203	37	98					0	0	0	36
		C		7.42Y	123.7	0.02	2.28	48.40	24	344	103	96					0	0	0	92
PL.15018	PL.15017	A	1/0ACSR	7.50Y	125.0	0.00	1.00	20.67	10	154	16	99	0.18	0.0	4.909	0.057	0	0	0	52
		B		7.39Y	123.2	0.03	2.80	27.97	14	203	37	98					0	0	0	36
		C		7.42Y	123.7	0.06	2.34	48.40	24	344	103	96					0	0	0	92
471510	PL.15018	B	Consumer	7.39Y	123.2	0.00	2.80	0.66	0	4	2	89	0.00	0.0	4.909	0.000	4	2	1	1
PL.6809	PL.15018	A	1/0ACSR	7.50Y	125.0	0.01	1.01	20.67	10	154	16	99	0.40	0.1	5.034	0.125	0	0	0	52
		B		7.39Y	123.1	0.07	2.87	27.33	14	199	35	98					0	0	0	35
		C		7.41Y	123.5	0.12	2.46	48.40	24	344	103	96					0	0	0	92
PL.10032	PL.6809	A	1/0ACSR	7.50Y	125.0	0.00	1.01	20.67	10	154	16	99	0.05	0.0	5.051	0.017	0	0	0	52
		B		7.39Y	123.1	0.01	2.88	27.33	14	199	35	98					0	0	0	35
		C		7.41Y	123.5	0.02	2.48	47.69	24	339	100	96					0	0	0	91
PD.424-A	PL.10032	A	Closed	7.50Y	125.0	0.00	1.01	20.67	0	154	16	99	0.00	0.0	5.051	0.000	0	0	0	52
		B		7.39Y	123.1	0.00	2.88	27.33	0	199	35	98					0	0	0	35
		C		7.41Y	123.5	0.00	2.48	47.69	0	339	100	96					0	0	0	91

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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Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru
																	KW	KVAR		
PD.424-B	PD.424-A	A	Closed	7.50Y	125.0	0.00	1.01	20.67	0	154	16	99	0.00	0.0	5.051	0.000	0	0	0	52
		B		7.39Y	123.1	0.00	2.88	27.33	0	199	35	98					0	0	0	35
		C		7.41Y	123.5	0.00	2.48	47.69	0	339	100	96					0	0	0	91
PL.10033	PD.424-B	A	1/0ACSR	7.50Y	125.0	0.02	1.03	20.67	10	154	16	99	0.57	0.1	5.235	0.184	0	0	0	52
		B		7.38Y	123.0	0.10	2.98	27.33	14	199	35	98					0	0	0	35
		C		7.40Y	123.3	0.18	2.66	47.69	24	339	100	96					0	0	0	91
PL.9810	PL.10033	A	1/0ACSR	7.50Y	125.0	0.01	1.04	20.67	10	154	16	99	0.43	0.1	5.375	0.140	0	0	0	52
		B		7.38Y	122.9	0.08	3.06	27.33	14	199	35	98					0	0	0	35
		C		7.39Y	123.2	0.14	2.79	47.67	24	338	100	96					0	0	0	90
470503	PL.9810	C	Consumer	7.39Y	123.2	0.00	2.79	0.03	0	0	0	100	0.00	0.0	5.375	0.000	0	0	1	1
PL.6811	PL.9810	A	1/0ACSR	7.50Y	124.9	0.01	1.05	20.67	10	154	16	99	0.43	0.1	5.515	0.140	0	0	0	52
		B		7.37Y	122.9	0.08	3.14	27.33	14	199	35	98					0	0	0	35
		C		7.38Y	123.1	0.14	2.93	47.64	24	338	99	96					0	0	0	89
PL.9109	PL.6811	A	1/0ACSR	7.50Y	124.9	0.00	1.05	20.67	10	154	16	99	0.08	0.0	5.542	0.027	0	0	0	52
		B		7.37Y	122.8	0.01	3.15	27.33	14	198	35	99					0	0	0	35
		C		7.38Y	123.0	0.03	2.95	46.43	23	329	95	96					0	0	0	87
PL.9110	PL.9109	A	1/0ACSR	7.50Y	124.9	0.02	1.07	20.67	10	154	16	99	0.37	0.1	5.683	0.141	0	0	0	52
		B		7.37Y	122.8	0.08	3.23	27.33	14	198	35	99					0	0	0	35
		C		7.38Y	122.9	0.12	3.07	42.08	21	300	82	96					0	0	0	82
PL.9113	PL.9110	A	1/0ACSR	7.50Y	124.9	0.00	1.07	19.67	10	147	12	100	0.00	0.0	5.685	0.001	0	0	0	51
		B		7.37Y	122.8	0.00	3.23	27.33	14	198	35	99					0	0	0	35
		C		7.38Y	122.9	0.00	3.07	42.08	21	299	82	96					0	0	0	82
PL.9114	PL.9113	A	1/0ACSR	7.50Y	124.9	0.00	1.08	19.64	10	147	12	100	0.06	0.0	5.708	0.023	0	0	0	49
		B		7.37Y	122.8	0.01	3.24	27.33	14	198	35	99					0	0	0	35
		C		7.37Y	122.9	0.02	3.09	42.08	21	299	82	96					0	0	0	82
PL.6077	PL.9114	A	1/0ACSR	7.49Y	124.9	0.01	1.08	19.64	10	147	12	100	0.21	0.0	5.788	0.080	0	0	0	49
		B		7.36Y	122.7	0.04	3.29	27.33	14	198	35	99					0	0	0	35
		C		7.37Y	122.8	0.07	3.16	42.08	21	299	82	96					0	0	0	82
419514	PL.6077	C	Consumer	7.37Y	122.8	0.00	3.16	0.45	0	3	1	95	0.00	0.0	5.788	0.000	3	1	1	1
419513	PL.6077	C	Consumer	7.37Y	122.8	0.00	3.16	2.37	0	16	7	92	0.00	0.0	5.788	0.000	16	7	1	1
419512	PL.6077	C	Consumer	7.37Y	122.8	0.00	3.16	1.39	0	9	4	91	0.00	0.0	5.788	0.000	9	4	1	1
PL.9115	PL.6077	A	1/0ACSR	7.49Y	124.9	0.00	1.09	19.64	10	147	12	100	0.01	0.0	5.794	0.006	0	0	0	49
		B		7.36Y	122.7	0.00	3.29	27.33	14	198	35	99					0	0	0	35
		C		7.37Y	122.8	0.00	3.16	37.92	19	271	69	97					0	0	0	79
PL.33694	PL.9115	A	4ACSR	7.49Y	124.9	0.00	1.09	4.91	4	33	17	89	0.00	0.0	5.802	0.008	0	0	0	4
		C		7.37Y	122.8	0.00	3.16	5.56	5	37	18	90					0	0	0	3
PD.3998	PL.33694	A	fuse10AMP	7.49Y	124.9	0.00	1.09	4.91	51	33	17	89	0.00	0.0	5.802	0.000	0	0	0	4
		C		7.37Y	122.8	0.00	3.16	5.56	58	37	18	90					0	0	0	3
PL.33695	PD.3998	A	4ACSR	7.49Y	124.9	0.01	1.09	4.91	4	33	17	89	0.00	0.0	5.833	0.031	0	0	0	4
		C		7.37Y	122.8	0.01	3.17	5.56	5	37	18	90					0	0	0	3
PL.2238	PL.33695	A	4ACSR	7.49Y	124.9	0.01	1.10	4.91	4	33	17	89	0.01	0.0	5.889	0.056	0	0	0	4
		C		7.37Y	122.8	0.01	3.19	5.56	5	37	18	90					0	0	0	3
PL.9813	PL.2238	A	4ACSR	7.49Y	124.9	0.00	1.10	4.91	4	33	17	89	0.00	0.0	5.901	0.013	0	0	0	4
		C		7.37Y	122.8	0.00	3.19	5.56	5	37	18	90					0	0	0	3
419526	PL.9813	A	Consumer	7.49Y	124.9	0.00	1.10	0.10	0	1	0	100	0.00	0.0	5.901	0.000	1	0	1	1
419528	PL.9813	A	Consumer	7.49Y	124.9	0.00	1.10	2.02	0	14	7	89	0.00	0.0	5.901	0.000	14	7	1	1
419522	PL.9813	A	Consumer	7.49Y	124.9	0.00	1.10	0.72	0	5	2	93	0.00	0.0	5.901	0.000	5	2	1	1
		C		7.37Y	122.8	0.00	3.19	0.73	0	5	2	90					5	2	1	1
PL.19885	PL.9813	A	4ACSR	7.49Y	124.9	0.00	1.11	2.08	2	14	8	87	0.00	0.0	5.926	0.025	0	0	0	1
		C		7.37Y	122.8	0.01	3.20	4.83	4	32	16	90					0	0	0	2
419525	PL.19885	A	Consumer	7.49Y	124.9	0.00	1.11	1.24	0	8	5	85	0.00	0.0	5.926	0.000	8	5	1	1
		C		7.37Y	122.8	0.00	3.20	1.26	0	8	5	85					8	5	1	1

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.19886	PL.19885	A	4ACSR	7.49Y	124.9	0.00	1.11	0.84	1	6	3	89	0.00	0.0	5.955	0.029	0	0	0	1
		C		7.37Y	122.8	0.00	3.20	3.58	3	24	11	91					0	0	0	2
PL.2240	PL.19886	A	4ACSR	7.49Y	124.9	0.00	1.11	0.84	1	6	3	89	0.00	0.0	5.990	0.035	0	0	0	1
		C		7.37Y	122.8	0.01	3.21	3.58	3	24	11	91					0	0	0	2
PL.2253	PL.2240	A	4ACSR	7.49Y	124.9	0.00	1.11	0.84	1	6	3	89	0.00	0.0	6.031	0.041	0	0	0	1
		C		7.37Y	122.8	0.00	3.21	0.86	1	6	3	90					0	0	0	1
419534	PL.2253	A	Consumer	7.49Y	124.9	0.00	1.11	0.84	0	6	3	89	0.00	0.0	6.031	0.000	6	3	1	1
		C		7.37Y	122.8	0.00	3.21	0.86	0	6	3	90					6	3	1	1
419520	PL.2240	C	Consumer	7.37Y	122.8	0.00	3.21	2.72	0	18	8	91	0.00	0.0	5.990	0.000	18	8	1	1
PL.20182	PL.9115	A	1/0ACSR	7.49Y	124.9	0.00	1.09	15.22	8	114	-5	-100	0.11	0.0	5.857	0.063	0	0	0	45
		B		7.36Y	122.7	0.04	3.33	27.33	14	198	35	99					0	0	0	35
		C		7.37Y	122.8	0.04	3.20	32.49	16	234	51	98					0	0	0	76
PL.20183	PL.20182	A	1/0ACSR	7.49Y	124.9	0.00	1.09	16.59	8	114	50	92	0.02	0.0	5.865	0.008	0	0	0	45
		B		7.36Y	122.7	0.01	3.33	29.39	15	198	87	92					0	0	0	35
		C		7.37Y	122.8	0.01	3.20	34.72	17	234	104	91					0	0	0	76
PL.9129	PL.20183	A	1/0ACSR	7.49Y	124.9	0.02	1.11	16.59	8	114	50	92	0.23	0.0	5.986	0.121	0	0	0	45
		B		7.36Y	122.6	0.07	3.41	26.59	13	179	79	92					0	0	0	32
		C		7.36Y	122.7	0.08	3.29	34.72	17	234	104	91					0	0	0	76
PL.9838	PL.9129	C	4ACSR	7.36Y	122.7	0.00	3.29	0.73	1	5	2	93	0.00	0.0	5.994	0.008	0	0	0	2
PD.566	PL.9838	C	fuse6AMP	7.36Y	122.7	0.00	3.29	0.73	12	5	2	93	0.00	0.0	5.994	0.000	0	0	0	2
PL.9839	PD.566	C	4ACSR	7.36Y	122.7	0.00	3.29	0.73	1	5	2	93	0.00	0.0	6.022	0.028	0	0	0	2
PL.9130	PL.9839	C	4ACSR	7.36Y	122.7	0.00	3.29	0.16	0	1	0	100	0.00	0.0	6.167	0.145	0	0	0	1
419509	PL.9130	C	Consumer	7.36Y	122.7	0.00	3.29	0.16	0	1	0	100	0.00	0.0	6.167	0.000	1	0	1	1
PL.6078	PL.9130	C	4ACSR	7.36Y	122.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	6.202	0.035	0	0	0	0
PL.2241	PL.6078	C	4ACSR	7.36Y	122.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	6.267	0.066	0	0	0	0
PL.2243	PL.2241	C	4ACSR	7.36Y	122.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	6.335	0.068	0	0	0	0
PL.2242	PL.2243	C	4ACSR	7.36Y	122.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	6.430	0.095	0	0	0	0
419519	PL.9839	C	Consumer	7.36Y	122.7	0.00	3.29	0.56	0	4	2	89	0.00	0.0	6.022	0.000	4	2	1	1
PL.6079	PL.9129	A	4ACSR	7.49Y	124.9	0.01	1.12	1.85	2	13	6	91	0.00	0.0	6.105	0.119	0	0	0	2
PL.6080	PL.6079	A	4ACSR	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	6.106	0.001	0	0	0	0
419532	PL.6079	A	Consumer	7.49Y	124.9	0.00	1.12	0.12	0	1	0	100	0.00	0.0	6.105	0.000	1	0	1	1
419516	PL.6079	A	Consumer	7.49Y	124.9	0.00	1.12	1.73	0	12	5	92	0.00	0.0	6.105	0.000	12	5	1	1
PL.9836	PL.9129	A	4ACSR	7.49Y	124.9	0.00	1.11	1.80	2	12	5	92	0.00	0.0	6.006	0.020	0	0	0	7
PD.567	PL.9836	A	fuse6AMP	7.49Y	124.9	0.00	1.11	1.80	31	12	5	92	0.00	0.0	6.006	0.000	0	0	0	7
PL.9837	PD.567	A	4ACSR	7.49Y	124.9	0.00	1.12	1.80	2	12	5	92	0.00	0.0	6.053	0.047	0	0	0	7
PL.24689	PL.9837	A	4ACSR	7.49Y	124.9	0.00	1.12	1.03	1	7	3	92	0.00	0.0	6.091	0.038	0	0	0	6
419531	PL.24689	A	Consumer	7.49Y	124.9	0.00	1.12	0.26	0	2	1	89	0.00	0.0	6.091	0.000	2	1	1	1
PL.2252	PL.24689	A	4ACSR	7.49Y	124.9	0.01	1.13	0.77	1	5	2	93	0.00	0.0	6.308	0.217	0	0	0	5
PL.2254	PL.2252	A	4ACSR	7.49Y	124.9	0.01	1.13	0.72	1	5	2	93	0.00	0.0	6.462	0.154	0	0	0	4
PL.2255	PL.2254	A	4ACSR	7.49Y	124.9	0.00	1.13	0.14	0	1	0	100	0.00	0.0	6.533	0.071	0	0	0	3
PL.2258	PL.2255	A	4ACSR	7.49Y	124.9	0.00	1.13	0.02	0	0	0	100	0.00	0.0	6.605	0.072	0	0	0	2
PL.9131	PL.2258	A	4ACSR	7.49Y	124.9	0.00	1.13	0.02	0	0	0	100	0.00	0.0	6.619	0.014	0	0	0	2
PL.9132	PL.9131	A	4ACSR	7.49Y	124.9	0.00	1.13	0.02	0	0	0	100	0.00	0.0	6.887	0.268	0	0	0	1

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
419401	PL.9132	A	Consumer	7.49Y	124.9	0.00	1.13	0.02	0	0	0	100	0.00	0.0	6.887	0.000	0	0	1	1
419541	PL.9131	A	Consumer	7.49Y	124.9	0.00	1.13	0.00	0	0	0	100	0.00	0.0	6.619	0.000	0	0	1	1
419539	PL.2255	A	Consumer	7.49Y	124.9	0.00	1.13	0.11	0	1	0	100	0.00	0.0	6.533	0.000	1	0	1	1
419536	PL.2254	A	Consumer	7.49Y	124.9	0.00	1.13	0.58	0	4	2	89	0.00	0.0	6.462	0.000	4	2	1	1
419533	PL.2252	A	Consumer	7.49Y	124.9	0.00	1.13	0.05	0	0	0	100	0.00	0.0	6.308	0.000	0	0	1	1
419535	PL.9837	A	Consumer	7.49Y	124.9	0.00	1.12	0.78	0	5	2	93	0.00	0.0	6.053	0.000	5	2	1	1
PL.24688	PL.9129	A	1/0ACSR	7.49Y	124.9	0.01	1.12	12.93	6	89	39	92	0.23	0.0	6.114	0.128	0	0	0	36
		B		7.35Y	122.5	0.08	3.49	26.59	13	179	79	92			0	0	0	0	32	
		C		7.36Y	122.6	0.08	3.37	33.99	17	229	101	91			0	0	0	0	74	
PL.10038	PL.24688	A	1/0ACSR	7.49Y	124.9	0.00	1.12	12.93	6	89	39	92	0.01	0.0	6.120	0.006	0	0	0	36
		B		7.35Y	122.5	0.00	3.49	25.34	13	171	75	92			0	0	0	0	31	
		C		7.36Y	122.6	0.00	3.38	33.99	17	229	101	91			0	0	0	0	74	
PD.295-A	PL.10038	A	Closed	7.49Y	124.9	0.00	1.12	12.93	0	89	39	92	0.00	0.0	6.120	0.000	0	0	0	36
		B		7.35Y	122.5	0.00	3.49	25.34	0	171	75	92			0	0	0	0	31	
		C		7.36Y	122.6	0.00	3.38	33.99	0	229	101	91			0	0	0	0	74	
PD.295-B	PD.295-A	A	Closed	7.49Y	124.9	0.00	1.12	12.93	0	89	39	92	0.00	0.0	6.120	0.000	0	0	0	36
		B		7.35Y	122.5	0.00	3.49	25.34	0	171	75	92			0	0	0	0	31	
		C		7.36Y	122.6	0.00	3.38	33.99	0	229	101	91			0	0	0	0	74	
PL.10039	PD.295-B	A	1/0ACSR	7.49Y	124.9	0.00	1.13	12.93	6	89	39	92	0.09	0.0	6.168	0.049	0	0	0	36
		B		7.35Y	122.5	0.03	3.52	25.34	13	171	75	92			0	0	0	0	31	
		C		7.36Y	122.6	0.03	3.41	33.99	17	229	101	91			0	0	0	0	74	
419503	PL.10039	A	Consumer	7.49Y	124.9	0.00	1.13	0.48	0	3	1	95	0.00	0.0	6.168	0.000	3	1	1	1
419504	PL.10039	A	Consumer	7.49Y	124.9	0.00	1.13	0.66	0	5	2	93	0.00	0.0	6.168	0.000	5	2	1	1
PL.9133	PL.10039	A	1/0ACSR	7.49Y	124.9	0.00	1.13	11.79	6	81	35	92	0.14	0.0	6.250	0.082	0	0	0	34
		B		7.35Y	122.4	0.05	3.57	25.34	13	171	75	92			0	0	0	0	31	
		C		7.35Y	122.5	0.05	3.46	33.99	17	229	101	91			0	0	0	0	74	
PL.9134	PL.9133	A	1/0ACSR	7.49Y	124.9	-0.00	1.13	9.31	5	64	28	92	0.37	0.1	6.462	0.212	0	0	0	30
		B		7.34Y	122.3	0.14	3.71	25.34	13	170	75	92			0	0	0	0	31	
		C		7.34Y	122.4	0.14	3.60	33.99	17	229	101	91			0	0	0	0	74	
PL.6081	PL.9134	A	1/0ACSR	7.49Y	124.9	-0.00	1.13	9.31	5	64	28	92	0.21	0.0	6.586	0.123	0	0	0	30
		B		7.33Y	122.2	0.08	3.79	25.34	13	170	75	92			0	0	0	0	31	
		C		7.34Y	122.3	0.08	3.69	33.61	17	226	100	92			0	0	0	0	72	
PL.9141	PL.6081	A	1/0ACSR	7.49Y	124.9	-0.00	1.13	9.31	5	64	28	92	0.18	0.0	6.691	0.106	0	0	0	30
		B		7.33Y	122.1	0.07	3.85	25.34	13	170	75	92			0	0	0	0	31	
		C		7.33Y	122.2	0.07	3.75	33.36	17	224	99	92			0	0	0	0	71	
PL.10012	PL.9141	C	4ACSR	7.33Y	122.2	0.00	3.75	1.39	1	10	3	96	0.00	0.0	6.698	0.006	0	0	0	3
PD.564	PL.10012	C	fuse6AMP	7.33Y	122.2	0.00	3.75	1.39	24	10	3	96	0.00	0.0	6.698	0.000	0	0	0	3
PL.10013	PD.564	C	1/0EPRJCN	7.33Y	122.2	0.00	3.76	1.39	1	10	3	96	0.00	0.0	6.767	0.069	0	0	0	3
PL.33006	PL.10013	C	1/0EPRJCN	7.33Y	122.2	0.00	3.76	0.65	0	4	2	89	0.00	0.0	6.805	0.038	0	0	0	1
4185036	PL.33006	C	Consumer	7.33Y	122.2	0.00	3.76	0.66	0	4	2	89	0.00	0.0	6.805	0.000	4	2	1	1
PL.24690	PL.10013	C	1/0EPRJCN	7.33Y	122.2	0.00	3.76	0.76	0	5	2	93	0.00	0.0	6.843	0.076	0	0	0	2
418533	PL.24690	C	Consumer	7.33Y	122.2	0.00	3.76	0.70	0	5	2	93	0.00	0.0	6.843	0.000	5	2	1	1
418534	PL.24690	C	Consumer	7.33Y	122.2	0.00	3.76	0.08	0	1	0	100	0.00	0.0	6.843	0.000	1	0	1	1
PL.9142	PL.9141	A	1/0ACSR	7.49Y	124.9	0.00	1.13	9.31	5	64	28	92	0.11	0.0	6.762	0.071	0	0	0	30
		B		7.33Y	122.1	0.04	3.90	25.34	13	170	75	92			0	0	0	0	31	
		C		7.33Y	122.2	0.04	3.80	31.97	16	214	95	91			0	0	0	0	68	
PL.10014	PL.9142	A	4ACSR	7.49Y	124.9	0.02	1.15	4.33	4	30	13	92	0.00	0.0	6.871	0.109	0	0	0	13
PD.3108	PL.10014	A	35E	7.49Y	124.9	0.00	1.15	4.33	12	30	13	92	0.00	0.0	6.871	0.000	0	0	0	13

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.10015	PD.3108	A	4ACSR	7.49Y	124.8	0.02	1.16	4.33	4	30	13	92	0.00	0.0	6.949	0.078	0	0	0	13	
418515	PL.10015	A	Consumer	7.49Y	124.8	0.00	1.16	1.29	0	9	4	91	0.00	0.0	6.949	0.000	9	4	1	1	
PL.9136	PL.10015	A	4ACSR	7.49Y	124.8	0.01	1.18	3.05	3	21	9	92	0.00	0.0	7.037	0.088	0	0	0	12	
PL.2250	PL.9136	A	4ACSR	7.49Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	7.165	0.128	0	0	0	0	
PL.19585	PL.9136	A	4ACSR	7.49Y	124.8	0.01	1.18	3.05	3	21	9	92	0.00	0.0	7.087	0.050	0	0	0	12	
418518	PL.19585	A	Consumer	7.49Y	124.8	0.00	1.18	0.01	0	0	0	100	0.00	0.0	7.087	0.000	0	0	1	1	
418520	PL.19585	A	Consumer	7.49Y	124.8	0.00	1.18	0.15	0	1	0	100	0.00	0.0	7.087	0.000	1	0	1	1	
PL.19586	PL.19585	A	4ACSR	7.49Y	124.8	0.00	1.19	2.89	2	20	9	91	0.00	0.0	7.117	0.030	0	0	0	10	
PL.19421	PL.19586	A	4ACSR	7.49Y	124.8	0.01	1.20	2.15	2	15	6	93	0.00	0.0	7.249	0.132	0	0	0	8	
PL.9137	PL.19421	A	4ACSR	7.49Y	124.8	0.03	1.23	2.15	2	15	6	93	0.00	0.0	7.549	0.299	0	0	0	7	
PL.2247	PL.9137	A	4ACSR	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	7.744	0.195	0	0	0	2	
PL.2248	PL.2247	A	4ACSR	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	7.854	0.110	0	0	0	1	
418528	PL.2248	A	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	7.854	0.000	0	0	1	1	
418401	PL.2247	A	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	7.744	0.000	0	0	1	1	
PL.9138	PL.9137	A	4ACSR	7.49Y	124.8	0.00	1.23	2.15	2	15	6	93	0.00	0.0	7.583	0.034	0	0	0	5	
PL.9139	PL.9138	A	4ACSR	7.48Y	124.7	0.02	1.25	1.91	2	13	6	91	0.00	0.0	7.783	0.200	0	0	0	3	
PL.2244	PL.9139	A	4ACSR	7.48Y	124.7	0.01	1.26	1.85	2	13	6	91	0.00	0.0	7.885	0.102	0	0	0	2	
419523	PL.2244	A	Consumer	7.48Y	124.7	0.00	1.26	1.69	0	12	5	92	0.00	0.0	7.885	0.000	12	5	1	1	
419517	PL.2244	A	Consumer	7.48Y	124.7	0.00	1.26	0.16	0	1	0	100	0.00	0.0	7.885	0.000	1	0	1	1	
418526	PL.9139	A	Consumer	7.48Y	124.7	0.00	1.25	0.06	0	0	0	100	0.00	0.0	7.783	0.000	0	0	1	1	
418525	PL.9138	A	Consumer	7.49Y	124.8	0.00	1.23	0.24	0	2	1	89	0.00	0.0	7.583	0.000	2	1	1	1	
418524	PL.9138	A	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	7.583	0.000	0	0	1	1	
PL.2249	PL.19421	A	4ACSR	7.49Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	7.396	0.147	0	0	0	1	
418501	PL.2249	A	Consumer	7.49Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	7.396	0.000	0	0	1	1	
418503	PL.19586	A	Consumer	7.49Y	124.8	0.00	1.19	0.73	0	5	2	93	0.00	0.0	7.117	0.000	5	2	1	1	
418512	PL.19586	A	Consumer	7.49Y	124.8	0.00	1.19	0.00	0	0	0	100	0.00	0.0	7.117	0.000	0	0	1	1	
PL.17973	PL.9142	A	1/0ACSR	7.49Y	124.9	-0.01	1.12	4.98	2	34	15	91	0.08	0.0	6.812	0.049	0	0	0	17	
		B		7.32Y	122.1	0.03	3.93	25.34	13	170	75	92					0	0	0	31	
		C		7.33Y	122.2	0.03	3.83	31.97	16	214	95	91					0	0	0	68	
PL.17975	PL.17973	A	4ACSR	7.49Y	124.9	0.01	1.13	2.37	2	16	7	92	0.00	0.0	6.880	0.069	0	0	0	2	
PL.18002	PL.17975	A	4ACSR	7.49Y	124.9	0.01	1.14	1.64	1	11	5	91	0.00	0.0	7.000	0.119	0	0	0	1	
418531	PL.18002	A	Consumer	7.49Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	7.000	0.000	0	0	0	0	
418504	PL.18002	A	Consumer	7.49Y	124.9	0.00	1.14	1.64	0	11	5	91	0.00	0.0	7.000	0.000	11	5	1	1	
PL.20011	PL.17975	A	4ACSR	7.49Y	124.9	0.00	1.13	0.73	1	5	2	93	0.00	0.0	6.892	0.012	0	0	0	1	
PD.563	PL.20011	A	fuse6AMP	7.49Y	124.9	0.00	1.13	0.73	12	5	2	93	0.00	0.0	6.892	0.000	0	0	0	1	
PL.20012	PD.563	A	4ACSR	7.49Y	124.9	0.00	1.13	0.73	1	5	2	93	0.00	0.0	6.998	0.105	0	0	0	1	
PL.2251	PL.20012	A	4ACSR	7.49Y	124.9	0.00	1.13	0.73	1	5	2	93	0.00	0.0	7.072	0.074	0	0	0	1	
418517	PL.2251	A	Consumer	7.49Y	124.9	0.00	1.13	0.73	0	5	2	93	0.00	0.0	7.072	0.000	5	2	1	1	

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

Unbalanced Voltage Drop Report
Source: VAN METER

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.17974, PL.10010, etc.

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.9897, 417506, etc.

Unbalanced Voltage Drop Report
Source: VAN METER

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.45517, PL.24686, etc.

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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			
417532	PL.23279	C	Consumer	7.28Y	121.4	0.00	4.65	0.68	0	5	2	93	0.00	0.0	8.684	0.000	5	2	1	1			
PL.25391	PL.9887	A	1/0ACSR	7.51Y	125.2	-0.00	0.85	0.00	0	0	0	100	0.03	0.0	8.598	0.047	0	0	0	1			
		B		7.25Y	120.9	0.03	5.10	22.80	11	152	66	92					0	0	0	27			
		C		7.28Y	121.4	0.00	4.65	11.45	6	76	33	92					0	0	0	17			
PL.25389	PL.25391	A	1/0ACSR	7.51Y	125.2	-0.01	0.83	0.00	0	0	0	100	0.14	0.1	8.814	0.216	0	0	0	1			
		B		7.25Y	120.8	0.13	5.23	22.80	11	152	66	92					0	0	0	27			
		C		7.28Y	121.3	0.02	4.66	11.45	6	76	33	92					0	0	0	17			
PL.25390	PL.25389	A	1/0ACSR	7.51Y	125.2	-0.01	0.82	0.00	0	0	0	100	0.14	0.1	9.025	0.211	0	0	0	0			
		B		7.24Y	120.6	0.13	5.36	22.80	11	151	66	92					0	0	0	27			
		C		7.28Y	121.3	0.02	4.68	11.45	6	76	33	92					0	0	0	17			
PL.9892	PL.25390	B	4ACSR	7.24Y	120.6	0.00	5.36	1.90	2	13	5	93	0.00	0.0	9.032	0.007	0	0	0	2			
PD.554	PL.9892	B	fuse6AMP	7.24Y	120.6	0.00	5.36	1.90	32	13	5	93	0.00	0.0	9.032	0.000	0	0	0	2			
PL.9893	PD.554	B	4ACSR	7.24Y	120.6	0.02	5.37	1.90	2	13	5	93	0.00	0.0	9.205	0.173	0	0	0	2			
PL.2220	PL.9893	B	4ACSR	7.24Y	120.6	0.00	5.37	0.35	0	2	1	89	0.00	0.0	9.303	0.098	0	0	0	1			
416564	PL.2220	B	Consumer	7.24Y	120.6	0.00	5.37	0.35	0	2	1	89	0.00	0.0	9.303	0.000	2	1	1	1			
416598	PL.2220	B	Consumer	7.24Y	120.6	0.00	5.37	0.00	0	0	0	100	0.00	0.0	9.303	0.000	0	0	0	0			
416501	PL.9893	B	Consumer	7.24Y	120.6	0.00	5.37	1.54	0	10	4	93	0.00	0.0	9.205	0.000	10	4	1	1			
PL.25388	PL.25390	A	1/0ACSR	7.51Y	125.2	-0.00	0.82	0.00	0	0	0	100	0.01	0.0	9.050	0.025	0	0	0	0			
		B		7.24Y	120.6	0.01	5.37	18.79	9	125	54	92					0	0	0	23			
		C		7.28Y	121.3	0.00	4.68	11.45	6	76	33	92					0	0	0	17			
416555	PL.25388	B	Consumer	7.24Y	120.6	0.00	5.37	0.87	0	6	3	89	0.00	0.0	9.050	0.000	6	3	1	1			
PL.6071	PL.25388	A	1/0ACSR	7.51Y	125.2	-0.00	0.82	0.00	0	0	0	100	0.01	0.0	9.079	0.029	0	0	0	0			
		B		7.24Y	120.6	0.01	5.38	17.92	9	119	52	92					0	0	0	22			
		C		7.28Y	121.3	0.00	4.69	11.45	6	76	33	92					0	0	0	17			
416570	PL.6071	B	Consumer	7.24Y	120.6	0.00	5.38	0.00	0	0	0	100	0.00	0.0	9.079	0.000	0	0	1	1			
PL.6072	PL.6071	A	1/0ACSR	7.51Y	125.2	-0.00	0.82	0.00	0	0	0	100	0.02	0.0	9.116	0.037	0	0	0	0			
		B		7.24Y	120.6	0.02	5.40	17.92	9	119	52	92					0	0	0	21			
		C		7.28Y	121.3	0.00	4.69	11.45	6	76	33	92					0	0	0	17			
PL.5186	PL.6072	A	1/0ACSR	7.51Y	125.2	-0.00	0.81	0.00	0	0	0	100	0.02	0.0	9.160	0.044	0	0	0	0			
		B		7.23Y	120.6	0.02	5.42	16.75	8	111	48	92					0	0	0	20			
		C		7.28Y	121.3	0.01	4.70	11.45	6	76	33	92					0	0	0	17			
416559	PL.5186	B	Consumer	7.23Y	120.6	0.00	5.42	0.61	0	4	2	89	0.00	0.0	9.160	0.000	4	2	1	1			
PL.10491	PL.5186	B	4ACSR	7.23Y	120.6	0.03	5.45	16.14	14	107	47	92	0.02	0.0	9.196	0.036	0	0	0	19			
PD.3106	PL.10491	B	25L	7.23Y	120.6	0.00	5.45	16.14	65	107	47	92	0.00	0.0	9.196	0.000	0	0	0	19			
PL.27648	PD.3106	B	4ACSR	7.23Y	120.5	0.00	5.45	16.14	14	107	47	92	0.00	0.0	9.201	0.005	0	0	0	19			
416547	PL.27648	B	Consumer	7.23Y	120.5	0.00	5.45	0.22	0	1	1	71	0.00	0.0	9.201	0.000	1	1	1	1			
416560	PL.27648	B	Consumer	7.23Y	120.5	0.00	5.45	0.49	0	3	1	95	0.00	0.0	9.201	0.000	3	1	1	1			
416563	PL.27648	B	Consumer	7.23Y	120.5	0.00	5.45	1.09	0	7	3	92	0.00	0.0	9.201	0.000	7	3	1	1			
PL.19883	PL.27648	B	4ACSR	7.23Y	120.5	0.01	5.46	14.33	12	95	41	92	0.01	0.0	9.219	0.018	0	0	0	16			
PL.19884	PL.19883	B	4ACSR	7.23Y	120.5	0.02	5.48	13.29	11	88	38	92	0.01	0.0	9.246	0.027	0	0	0	15			
416594	PL.19884	B	Consumer	7.23Y	120.5	0.00	5.48	0.00	0	0	0	100	0.00	0.0	9.246	0.000	0	0	0	0			
416597	PL.19884	B	Consumer	7.23Y	120.5	0.00	5.48	0.00	0	0	0	100	0.00	0.0	9.246	0.000	0	0	0	0			
416589	PL.19884	B	Consumer	7.23Y	120.5	0.00	5.48	0.00	0	0	0	100	0.00	0.0	9.246	0.000	0	0	0	0			
416549	PL.19884	B	Consumer	7.23Y	120.5	0.00	5.48	0.59	0	4	2	89	0.00	0.0	9.246	0.000	4	2	1	1			
416596	PL.19884	B	Consumer	7.23Y	120.5	0.00	5.48	0.00	0	0	0	100	0.00	0.0	9.246	0.000	0	0	0	0			

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	
416591	PL.19884	B	Consumer	7.23Y	120.5	0.00	5.48	0.00	0	0	0	0	100	0.00	0.0	9.246	0.000	0	0	0	0
416592	PL.19884	B	Consumer	7.23Y	120.5	0.00	5.48	0.00	0	0	0	0	100	0.00	0.0	9.246	0.000	0	0	0	0
PL.21849	PL.19884	B	4ACSR	7.23Y	120.5	0.02	5.50	12.70	11	84	37	92	0.01	0.0	9.283	0.037	0	0	0	14	
PL.23278	PL.21849	B	4ACSR	7.23Y	120.5	0.02	5.52	10.69	9	71	31	92	0.01	0.0	9.316	0.032	0	0	0	12	
416562	PL.23278	B	Consumer	7.23Y	120.5	0.00	5.52	1.11	0	7	3	92	0.00	0.0	9.316	0.000	7	3	1	1	
416556	PL.23278	B	Consumer	7.23Y	120.5	0.00	5.52	0.50	0	3	1	95	0.00	0.0	9.316	0.000	3	1	1	1	
PL.21492	PL.23278	B	4ACSR	7.23Y	120.5	0.01	5.53	9.08	8	60	26	92	0.01	0.0	9.345	0.029	0	0	0	10	
PL.19100	PL.21492	B	4ACSR	7.23Y	120.5	0.00	5.53	7.21	6	48	21	92	0.00	0.0	9.345	0.001	0	0	0	7	
PL.19901	PL.19100	B	4ACSR	7.23Y	120.5	0.01	5.54	7.21	6	48	21	92	0.00	0.0	9.381	0.036	0	0	0	7	
PL.19902	PL.19901	B	4ACSR	7.23Y	120.5	0.01	5.55	7.21	6	48	21	92	0.00	0.0	9.397	0.015	0	0	0	7	
416552	PL.19902	B	Consumer	7.23Y	120.5	0.00	5.55	0.44	0	3	1	95	0.00	0.0	9.397	0.000	3	1	1	1	
416585	PL.19902	B	Consumer	7.23Y	120.5	0.00	5.55	0.00	0	0	0	100	0.00	0.0	9.397	0.000	0	0	0	0	
416587	PL.19902	B	Consumer	7.23Y	120.5	0.00	5.55	0.00	0	0	0	100	0.00	0.0	9.397	0.000	0	0	0	0	
4165109	PL.19902	B	Consumer	7.23Y	120.5	0.00	5.55	0.00	0	0	0	100	0.00	0.0	9.397	0.000	0	0	0	0	
4165108	PL.19902	B	Consumer	7.23Y	120.5	0.00	5.55	0.00	0	0	0	100	0.00	0.0	9.397	0.000	0	0	0	0	
416586	PL.19902	B	Consumer	7.23Y	120.5	0.00	5.55	0.00	0	0	0	100	0.00	0.0	9.397	0.000	0	0	0	0	
4165107	PL.19902	B	Consumer	7.23Y	120.5	0.00	5.55	0.00	0	0	0	100	0.00	0.0	9.397	0.000	0	0	0	0	
416546	PL.19902	B	Consumer	7.23Y	120.5	0.00	5.55	1.65	0	11	5	91	0.00	0.0	9.397	0.000	11	5	1	1	
PL.6074	PL.19902	B	4ACSR	7.23Y	120.4	0.01	5.56	5.12	4	34	15	91	0.00	0.0	9.450	0.053	0	0	0	5	
416550	PL.6074	B	Consumer	7.23Y	120.4	0.00	5.56	1.30	0	9	4	91	0.00	0.0	9.450	0.000	9	4	1	1	
416542	PL.6074	B	Consumer	7.23Y	120.4	0.00	5.56	1.31	0	9	4	91	0.00	0.0	9.450	0.000	9	4	1	1	
PL.6075	PL.6074	B	4ACSR	7.23Y	120.4	0.00	5.56	2.51	2	17	7	92	0.00	0.0	9.477	0.027	0	0	0	3	
PL.6073	PL.6075	B	4ACSR	7.23Y	120.4	0.00	5.57	2.08	2	14	6	92	0.00	0.0	9.502	0.026	0	0	0	2	
4165110	PL.6073	B	Consumer	7.23Y	120.4	0.00	5.57	0.00	0	0	0	100	0.00	0.0	9.502	0.000	0	0	0	0	
416568	PL.6073	B	Consumer	7.23Y	120.4	0.00	5.57	1.49	0	10	4	93	0.00	0.0	9.502	0.000	10	4	1	1	
4165111	PL.6073	B	Consumer	7.23Y	120.4	0.00	5.57	0.00	0	0	0	100	0.00	0.0	9.502	0.000	0	0	0	0	
416561	PL.6073	B	Consumer	7.23Y	120.4	0.00	5.57	0.59	0	4	2	89	0.00	0.0	9.502	0.000	4	2	1	1	
416558	PL.6075	B	Consumer	7.23Y	120.4	0.00	5.56	0.43	0	3	1	95	0.00	0.0	9.477	0.000	3	1	1	1	
416565	PL.21492	B	Consumer	7.23Y	120.5	0.00	5.53	0.45	0	3	1	95	0.00	0.0	9.345	0.000	3	1	1	1	
416569	PL.21492	B	Consumer	7.23Y	120.5	0.00	5.53	1.07	0	7	3	92	0.00	0.0	9.345	0.000	7	3	1	1	
416557	PL.21492	B	Consumer	7.23Y	120.5	0.00	5.53	0.36	0	2	1	89	0.00	0.0	9.345	0.000	2	1	1	1	
416545	PL.21849	B	Consumer	7.23Y	120.5	0.00	5.50	0.76	0	5	2	93	0.00	0.0	9.283	0.000	5	2	1	1	
416554	PL.21849	B	Consumer	7.23Y	120.5	0.00	5.50	1.25	0	8	4	89	0.00	0.0	9.283	0.000	8	4	1	1	
416548	PL.19883	B	Consumer	7.23Y	120.5	0.00	5.46	1.05	0	7	3	92	0.00	0.0	9.219	0.000	7	3	1	1	
PL.10492	PL.5186	C	4ACSR	7.28Y	121.3	0.00	4.70	11.45	10	76	33	92	0.00	0.0	9.163	0.003	0	0	0	17	
PD.3107	PL.10492	C	25L	7.28Y	121.3	0.00	4.70	11.45	46	76	33	92	0.00	0.0	9.163	0.000	0	0	0	17	
PL.10493	PD.3107	C	4ACSR	7.28Y	121.3	0.04	4.74	11.45	10	76	33	92	0.02	0.0	9.236	0.073	0	0	0	17	
PL.25793	PL.10493	C	4ACSR	7.27Y	121.2	0.02	4.76	10.31	9	69	30	92	0.01	0.0	9.280	0.044	0	0	0	16	

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
416534	PL.25793	C	Consumer	7.27Y	121.2	0.00	4.76	0.83	0	6	2	95	0.00	0.0	9.280	0.000	6	2	1	1
4165122	PL.25793	C	Consumer	7.27Y	121.2	0.00	4.76	0.00	0	0	0	100	0.00	0.0	9.280	0.000	0	0	0	0
4165123	PL.25793	C	Consumer	7.27Y	121.2	0.00	4.76	0.00	0	0	0	100	0.00	0.0	9.280	0.000	0	0	0	0
416544	PL.25793	C	Consumer	7.27Y	121.2	0.00	4.76	0.85	0	6	2	95	0.00	0.0	9.280	0.000	6	2	1	1
PL.25794	PL.25793	C	4ACSR	7.27Y	121.2	0.01	4.77	8.64	7	58	25	92	0.01	0.0	9.312	0.032	0	0	0	14
PL.25795	PL.25794	C	4ACSR	7.27Y	121.2	0.01	4.79	6.99	6	47	20	92	0.00	0.0	9.350	0.038	0	0	0	11
416536	PL.25795	C	Consumer	7.27Y	121.2	0.00	4.79	0.78	0	5	2	93	0.00	0.0	9.350	0.000	5	2	1	1
416532	PL.25795	C	Consumer	7.27Y	121.2	0.00	4.79	0.46	0	3	1	95	0.00	0.0	9.350	0.000	3	1	1	1
PL.25796	PL.25795	C	4ACSR	7.27Y	121.2	0.01	4.80	5.75	5	38	17	91	0.00	0.0	9.396	0.045	0	0	0	9
PL.25797	PL.25796	C	4ACSR	7.27Y	121.2	0.01	4.80	4.79	4	32	14	92	0.00	0.0	9.425	0.029	0	0	0	7
416529	PL.25797	C	Consumer	7.27Y	121.2	0.00	4.80	0.46	0	3	1	95	0.00	0.0	9.425	0.000	3	1	1	1
PL.25798	PL.25797	C	4ACSR	7.27Y	121.2	0.00	4.81	4.33	4	29	13	91	0.00	0.0	9.439	0.014	0	0	0	6
PL.25799	PL.25798	C	4ACSR	7.27Y	121.2	0.01	4.81	3.26	3	22	9	93	0.00	0.0	9.478	0.039	0	0	0	4
PL.6076	PL.25799	C	4ACSR	7.27Y	121.2	0.00	4.81	2.45	2	16	7	92	0.00	0.0	9.489	0.011	0	0	0	3
416566	PL.6076	C	Consumer	7.27Y	121.2	0.00	4.81	0.62	0	4	2	89	0.00	0.0	9.489	0.000	4	2	1	1
416521	PL.6076	C	Consumer	7.27Y	121.2	0.00	4.81	0.81	0	5	2	93	0.00	0.0	9.489	0.000	5	2	1	1
416538	PL.6076	C	Consumer	7.27Y	121.2	0.00	4.81	1.01	0	7	3	92	0.00	0.0	9.489	0.000	7	3	1	1
416537	PL.25799	C	Consumer	7.27Y	121.2	0.00	4.81	0.82	0	5	2	93	0.00	0.0	9.478	0.000	5	2	1	1
416567	PL.25798	C	Consumer	7.27Y	121.2	0.00	4.81	0.67	0	4	2	89	0.00	0.0	9.439	0.000	4	2	1	1
416540	PL.25798	C	Consumer	7.27Y	121.2	0.00	4.81	0.39	0	3	1	95	0.00	0.0	9.439	0.000	3	1	1	1
416522	PL.25796	C	Consumer	7.27Y	121.2	0.00	4.80	0.49	0	3	1	95	0.00	0.0	9.396	0.000	3	1	1	1
416524	PL.25796	C	Consumer	7.27Y	121.2	0.00	4.80	0.47	0	3	1	95	0.00	0.0	9.396	0.000	3	1	1	1
416526	PL.25794	C	Consumer	7.27Y	121.2	0.00	4.77	0.13	0	1	0	100	0.00	0.0	9.312	0.000	1	0	1	1
416519	PL.25794	C	Consumer	7.27Y	121.2	0.00	4.77	1.13	0	8	3	94	0.00	0.0	9.312	0.000	8	3	1	1
416520	PL.25794	C	Consumer	7.27Y	121.2	0.00	4.77	0.39	0	3	1	95	0.00	0.0	9.312	0.000	3	1	1	1
416539	PL.10493	C	Consumer	7.28Y	121.3	0.00	4.74	1.14	0	8	3	94	0.00	0.0	9.236	0.000	8	3	1	1
416553	PL.6072	B	Consumer	7.24Y	120.6	0.00	5.40	1.16	0	8	3	94	0.00	0.0	9.116	0.000	8	3	1	1
PL.5184	PL.25390	B	4ACSR	7.24Y	120.6	0.01	5.37	2.11	2	14	6	92	0.00	0.0	9.144	0.119	0	0	0	2
PL.5185	PL.5184	B	4ACSR	7.24Y	120.6	0.00	5.37	0.24	0	2	1	89	0.00	0.0	9.197	0.053	0	0	0	1
4165113	PL.5185	B	Consumer	7.24Y	120.6	0.00	5.37	0.00	0	0	0	100	0.00	0.0	9.197	0.000	0	0	0	0
416541	PL.5185	B	Consumer	7.24Y	120.6	0.00	5.37	0.24	0	2	1	89	0.00	0.0	9.197	0.000	2	1	1	1
4165112	PL.5185	B	Consumer	7.24Y	120.6	0.00	5.37	0.00	0	0	0	100	0.00	0.0	9.197	0.000	0	0	0	0
416551	PL.5184	B	Consumer	7.24Y	120.6	0.00	5.37	1.87	0	12	5	92	0.00	0.0	9.144	0.000	12	5	1	1
PL.18315	PL.25389	A	4ACSR	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	8.832	0.018	0	0	0	1
PD.556	PL.18315	A	fuse6AMP	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	8.832	0.000	0	0	0	1
PL.18316	PD.556	A	4ACSR	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	9.010	0.179	0	0	0	1
416515	PL.18316	A	Consumer	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	9.010	0.000	0	0	1	1
PL.24865	PL.9151	C	4ACSR	7.28Y	121.4	0.00	4.61	12.14	10	81	36	91	0.00	0.0	8.183	0.009	0	0	0	36

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.294-A	PL.24865	C	Closed	7.28Y	121.4	0.00	4.61	12.14	0	81	36	91	0.00	0.0	8.183	0.000	0	0	0	36		
PD.294-B	PD.294-A	C	Closed	7.28Y	121.4	0.00	4.61	12.14	0	81	36	91	0.00	0.0	8.183	0.000	0	0	0	36		
PL.24866	PD.294-B	C	4ACSR	7.28Y	121.4	0.02	4.63	12.14	10	81	36	91	0.01	0.0	8.219	0.035	0	0	0	36		
PL.9194	PL.24866	C	4ACSR	7.28Y	121.3	0.04	4.67	12.14	10	81	36	91	0.03	0.0	8.298	0.080	0	0	0	36		
PL.9195	PL.9194	C	4ACSR	7.28Y	121.3	0.01	4.68	10.77	9	72	32	91	0.00	0.0	8.314	0.016	0	0	0	34		
PL.33701	PL.9195	C	4ACSR	7.28Y	121.3	0.00	4.68	0.05	0	0	0	100	0.00	0.0	8.321	0.007	0	0	0	1		
PD.4000	PL.33701	C	fuse6AMP	7.28Y	121.3	0.00	4.68	0.05	1	0	0	100	0.00	0.0	8.321	0.000	0	0	0	1		
PL.33702	PD.4000	C	4ACSR	7.28Y	121.3	0.00	4.68	0.05	0	0	0	100	0.00	0.0	8.351	0.030	0	0	0	1		
416578	PL.33702	C	Consumer	7.28Y	121.3	0.00	4.68	0.05	0	0	0	100	0.00	0.0	8.351	0.000	0	0	1	1		
PL.9196	PL.9195	C	4ACSR	7.28Y	121.3	0.02	4.69	9.86	8	66	29	92	0.01	0.0	8.348	0.034	0	0	0	30		
PL.9197	PL.9196	C	4ACSR	7.28Y	121.3	0.01	4.70	7.05	6	47	21	91	0.00	0.0	8.372	0.024	0	0	0	26		
4165104	PL.9197	C	Consumer	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	8.372	0.000	0	0	0	0		
416518	PL.9197	C	Consumer	7.28Y	121.3	0.00	4.70	0.04	0	0	0	100	0.00	0.0	8.372	0.000	0	0	1	1		
4165126	PL.9197	C	Consumer	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	8.372	0.000	0	0	0	0		
PL.5183	PL.9197	C	4ACSR	7.28Y	121.3	0.02	4.72	7.01	6	47	20	92	0.01	0.0	8.439	0.067	0	0	0	25		
416507	PL.5183	C	Consumer	7.28Y	121.3	0.00	4.72	0.32	0	2	1	89	0.00	0.0	8.439	0.000	2	1	1	1		
416580	PL.5183	C	Consumer	7.28Y	121.3	0.00	4.72	0.00	0	0	0	100	0.00	0.0	8.439	0.000	0	0	0	0		
PL.9521	PL.5183	C	4ACSR	7.27Y	121.2	0.04	4.77	6.68	6	45	19	92	0.02	0.0	8.581	0.142	0	0	0	24		
PL.9522	PL.9521	C	4ACSR	7.27Y	121.2	0.01	4.78	4.49	4	30	13	92	0.00	0.0	8.635	0.054	0	0	0	18		
PL.9523	PL.9522	C	4ACSR	7.27Y	121.2	0.01	4.79	3.40	3	23	10	92	0.00	0.0	8.716	0.081	0	0	0	14		
PL.24860	PL.9523	C	4ACSR	7.27Y	121.2	0.01	4.80	2.64	2	18	8	91	0.00	0.0	8.813	0.097	0	0	0	7		
PD.553	PL.24860	C	fuse6AMP	7.27Y	121.2	0.00	4.80	2.64	45	18	8	91	0.00	0.0	8.813	0.000	0	0	0	7		
PL.24861	PD.553	C	4ACSR	7.27Y	121.2	0.00	4.80	2.64	2	18	8	91	0.00	0.0	8.819	0.005	0	0	0	7		
PL.9524	PL.24861	C	4ACSR	7.27Y	121.2	0.01	4.82	2.40	2	16	7	92	0.00	0.0	8.948	0.129	0	0	0	6		
PL.27977	PL.9524	C	4ACSR	7.27Y	121.2	0.02	4.84	2.40	2	16	7	92	0.00	0.0	9.111	0.164	0	0	0	5		
416523	PL.27977	C	Consumer	7.27Y	121.2	0.00	4.84	0.12	0	1	0	100	0.00	0.0	9.111	0.000	1	0	1	1		
PL.27978	PL.27977	C	4ACSR	7.27Y	121.2	0.01	4.85	2.28	2	15	7	91	0.00	0.0	9.208	0.097	0	0	0	4		
PL.6576	PL.27978	C	4ACSR	7.27Y	121.1	0.02	4.86	2.28	2	15	7	91	0.00	0.0	9.376	0.168	0	0	0	4		
PL.6577	PL.6576	C	4ACSR	7.27Y	121.1	0.03	4.89	1.95	2	13	6	91	0.00	0.0	9.696	0.320	0	0	0	2		
PL.6578	PL.6577	C	4ACSR	7.27Y	121.1	0.01	4.90	1.88	2	13	5	93	0.00	0.0	9.801	0.105	0	0	0	1		
416602	PL.6578	C	Consumer	7.27Y	121.1	0.00	4.90	1.88	0	13	5	93	0.00	0.0	9.801	0.000	13	5	1	1		
415601	PL.6577	C	Consumer	7.27Y	121.1	0.00	4.89	0.07	0	0	0	100	0.00	0.0	9.696	0.000	0	0	1	1		
416611	PL.6576	C	Consumer	7.27Y	121.1	0.00	4.86	0.20	0	1	1	71	0.00	0.0	9.376	0.000	1	1	1	1		
415602	PL.6576	C	Consumer	7.27Y	121.1	0.00	4.86	0.13	0	1	0	100	0.00	0.0	9.376	0.000	1	0	1	1		
416531	PL.9524	C	Consumer	7.27Y	121.2	0.00	4.82	0.00	0	0	0	100	0.00	0.0	8.948	0.000	0	0	1	1		
416535	PL.24861	C	Consumer	7.27Y	121.2	0.00	4.80	0.24	0	2	1	89	0.00	0.0	8.819	0.000	2	1	1	1		
PL.2218	PL.9523	C	4ACSR	7.27Y	121.2	0.01	4.80	0.76	1	5	2	93	0.00	0.0	8.902	0.186	0	0	0	7		
PL.2219	PL.2218	C	4ACSR	7.27Y	121.2	0.00	4.80	0.76	1	5	2	93	0.00	0.0	8.920	0.018	0	0	0	7		

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.2179	PL.2219	C	4ACSR	7.27Y	121.2	0.00	4.80	0.76	1	5	2	93	0.00	0.0	8.937	0.017	0	0	0	7
PL.2180	PL.2179	C	4ACSR	7.27Y	121.2	0.00	4.80	0.76	1	5	2	93	0.00	0.0	9.036	0.099	0	0	0	7
PL.6575	PL.2180	C	4ACSR	7.27Y	121.2	0.00	4.80	0.76	1	5	2	93	0.00	0.0	9.042	0.005	0	0	0	7
416601	PL.6575	C	Consumer	7.27Y	121.2	0.00	4.80	0.00	0	0	0	100	0.00	0.0	9.042	0.000	0	0	0	0
PL.9816	PL.6575	C	4ACSR	7.27Y	121.2	0.00	4.80	0.76	1	5	2	93	0.00	0.0	9.079	0.037	0	0	0	7
PL.2178	PL.9816	C	4ACSR	7.27Y	121.2	0.00	4.80	0.16	0	1	0	100	0.00	0.0	9.177	0.098	0	0	0	3
PL.2177	PL.2178	C	4ACSR	7.27Y	121.2	0.00	4.81	0.16	0	1	0	100	0.00	0.0	9.437	0.260	0	0	0	3
416609	PL.2177	C	Consumer	7.27Y	121.2	0.00	4.81	0.00	0	0	0	100	0.00	0.0	9.437	0.000	0	0	1	1
4166013	PL.2177	C	Consumer	7.27Y	121.2	0.00	4.81	0.06	0	0	0	100	0.00	0.0	9.437	0.000	0	0	1	1
416608	PL.2177	C	Consumer	7.27Y	121.2	0.00	4.81	0.10	0	1	0	100	0.00	0.0	9.437	0.000	1	0	1	1
PL.9817	PL.9816	C	4ACSR	7.27Y	121.2	0.00	4.80	0.60	1	4	2	89	0.00	0.0	9.110	0.031	0	0	0	4
PL.2181	PL.9817	C	4ACSR	7.27Y	121.2	0.00	4.81	0.60	1	4	2	89	0.00	0.0	9.199	0.090	0	0	0	4
416603	PL.2181	C	Consumer	7.27Y	121.2	0.00	4.81	0.01	0	0	0	100	0.00	0.0	9.199	0.000	0	0	1	1
416612	PL.2181	C	Consumer	7.27Y	121.2	0.00	4.81	0.08	0	1	0	100	0.00	0.0	9.199	0.000	1	0	1	1
PL.6573	PL.2181	C	4ACSR	7.27Y	121.2	0.00	4.81	0.51	0	3	1	95	0.00	0.0	9.292	0.092	0	0	0	2
PL.6574	PL.6573	C	4ACSR	7.27Y	121.2	0.00	4.81	0.41	0	3	1	95	0.00	0.0	9.343	0.051	0	0	0	1
416606	PL.6574	C	Consumer	7.27Y	121.2	0.00	4.81	0.41	0	3	1	95	0.00	0.0	9.343	0.000	3	1	1	1
416605	PL.6573	C	Consumer	7.27Y	121.2	0.00	4.81	0.10	0	1	0	100	0.00	0.0	9.292	0.000	1	0	1	1
PL.33707	PL.9522	C	4ACSR	7.27Y	121.2	0.00	4.78	0.48	0	3	1	95	0.00	0.0	8.638	0.003	0	0	0	1
PD.4003	PL.33707	C	fuse6AMP	7.27Y	121.2	0.00	4.78	0.48	8	3	1	95	0.00	0.0	8.638	0.000	0	0	0	1
PL.33710	PD.4003	C	4ACSR	7.27Y	121.2	0.00	4.78	0.48	0	3	1	95	0.00	0.0	8.642	0.003	0	0	0	1
PL.33711	PL.33710	C	4ACSR	7.27Y	121.2	0.00	4.78	0.48	0	3	1	95	0.00	0.0	8.698	0.056	0	0	0	1
416530	PL.33711	C	Consumer	7.27Y	121.2	0.00	4.78	0.48	0	3	1	95	0.00	0.0	8.698	0.000	3	1	1	1
PL.33709	PL.33710	C	4ACSR	7.27Y	121.2	0.00	4.78	0.00	0	0	0	100	0.00	0.0	8.764	0.123	0	0	0	0
4165117	PL.33709	C	Consumer	7.27Y	121.2	0.00	4.78	0.00	0	0	0	100	0.00	0.0	8.764	0.000	0	0	0	0
416503	PL.33709	C	Consumer	7.27Y	121.2	0.00	4.78	0.00	0	0	0	100	0.00	0.0	8.764	0.000	0	0	0	0
416593	PL.33709	C	Consumer	7.27Y	121.2	0.00	4.78	0.00	0	0	0	100	0.00	0.0	8.764	0.000	0	0	0	0
4165100	PL.9522	C	Consumer	7.27Y	121.2	0.00	4.78	0.00	0	0	0	100	0.00	0.0	8.635	0.000	0	0	0	0
416504	PL.9522	C	Consumer	7.27Y	121.2	0.00	4.78	0.00	0	0	0	100	0.00	0.0	8.635	0.000	0	0	0	0
4165114	PL.9522	C	Consumer	7.27Y	121.2	0.00	4.78	0.00	0	0	0	100	0.00	0.0	8.635	0.000	0	0	0	0
416510	PL.9522	C	Consumer	7.27Y	121.2	0.00	4.78	0.22	0	1	1	71	0.00	0.0	8.635	0.000	1	1	1	1
416533	PL.9522	C	Consumer	7.27Y	121.2	0.00	4.78	0.05	0	0	0	100	0.00	0.0	8.635	0.000	0	0	1	1
416511	PL.9522	C	Consumer	7.27Y	121.2	0.00	4.78	0.34	0	2	1	89	0.00	0.0	8.635	0.000	2	1	1	1
416599	PL.9522	C	Consumer	7.27Y	121.2	0.00	4.78	0.00	0	0	0	100	0.00	0.0	8.635	0.000	0	0	0	0
PL.33705	PL.9521	C	4ACSR	7.27Y	121.2	0.00	4.77	1.23	1	8	4	89	0.00	0.0	8.593	0.012	0	0	0	3
PD.4002	PL.33705	C	fuse6AMP	7.27Y	121.2	0.00	4.77	1.23	21	8	4	89	0.00	0.0	8.593	0.000	0	0	0	3
PL.33706	PD.4002	C	4ACSR	7.27Y	121.2	0.00	4.77	1.23	1	8	4	89	0.00	0.0	8.674	0.081	0	0	0	3
416513	PL.33706	C	Consumer	7.27Y	121.2	0.00	4.77	0.78	0	5	2	93	0.00	0.0	8.674	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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	
4165115	PL.33706	C	Consumer	7.27Y	121.2	0.00	4.77	0.00	0	0	0	0	100	0.00	0.0	8.674	0.000	0	0	0	0
4165130	PL.33706	C	Consumer	7.27Y	121.2	0.00	4.77	0.00	0	0	0	0	100	0.00	0.0	8.674	0.000	0	0	0	0
416512	PL.33706	C	Consumer	7.27Y	121.2	0.00	4.77	0.35	0	2	1	89	0.00	0.0	8.674	0.000	2	1	1	1	
4165125	PL.33706	C	Consumer	7.27Y	121.2	0.00	4.77	0.00	0	0	0	100	0.00	0.0	8.674	0.000	0	0	0	0	
416508	PL.33706	C	Consumer	7.27Y	121.2	0.00	4.77	0.11	0	1	0	100	0.00	0.0	8.674	0.000	1	0	1	1	
4165116	PL.33706	C	Consumer	7.27Y	121.2	0.00	4.77	0.00	0	0	0	100	0.00	0.0	8.674	0.000	0	0	0	0	
416573	PL.9521	C	Consumer	7.27Y	121.2	0.00	4.77	0.12	0	1	0	100	0.00	0.0	8.581	0.000	1	0	1	1	
416505	PL.9521	C	Consumer	7.27Y	121.2	0.00	4.77	0.37	0	2	1	89	0.00	0.0	8.581	0.000	2	1	1	1	
4165101	PL.9521	C	Consumer	7.27Y	121.2	0.00	4.77	0.00	0	0	0	100	0.00	0.0	8.581	0.000	0	0	0	0	
416509	PL.9521	C	Consumer	7.27Y	121.2	0.00	4.77	0.48	0	3	1	95	0.00	0.0	8.581	0.000	3	1	1	1	
416517	PL.9196	C	Consumer	7.28Y	121.3	0.00	4.69	0.52	0	3	2	83	0.00	0.0	8.348	0.000	3	2	1	1	
416516	PL.9196	C	Consumer	7.28Y	121.3	0.00	4.69	0.43	0	3	1	95	0.00	0.0	8.348	0.000	3	1	1	1	
416543	PL.9196	C	Consumer	7.28Y	121.3	0.00	4.69	0.97	0	6	3	89	0.00	0.0	8.348	0.000	6	3	1	1	
PL.33696	PL.9196	C	4ACSR	7.28Y	121.3	0.00	4.69	0.89	1	6	3	89	0.00	0.0	8.359	0.011	0	0	0	1	
PD.3999	PL.33696	C	fuse6AMP	7.28Y	121.3	0.00	4.69	0.89	15	6	3	89	0.00	0.0	8.359	0.000	0	0	0	1	
PL.33697	PD.3999	C	4ACSR	7.28Y	121.3	0.00	4.69	0.89	1	6	3	89	0.00	0.0	8.379	0.019	0	0	0	1	
416572	PL.33697	C	Consumer	7.28Y	121.3	0.00	4.69	0.89	0	6	3	89	0.00	0.0	8.379	0.000	6	3	1	1	
4165105	PL.33697	C	Consumer	7.28Y	121.3	0.00	4.69	0.00	0	0	0	100	0.00	0.0	8.379	0.000	0	0	0	0	
PL.33703	PL.9195	C	4ACSR	7.28Y	121.3	0.00	4.68	0.86	1	6	2	95	0.00	0.0	8.322	0.008	0	0	0	3	
PD.4001	PL.33703	C	fuse6AMP	7.28Y	121.3	0.00	4.68	0.86	15	6	2	95	0.00	0.0	8.322	0.000	0	0	0	3	
PL.33704	PD.4001	C	4ACSR	7.28Y	121.3	0.00	4.68	0.86	1	6	2	95	0.00	0.0	8.424	0.102	0	0	0	3	
PL.2223	PL.33704	C	4ACSR	7.28Y	121.3	0.00	4.68	0.03	0	0	0	100	0.00	0.0	8.470	0.046	0	0	0	1	
416577	PL.2223	C	Consumer	7.28Y	121.3	0.00	4.68	0.03	0	0	0	100	0.00	0.0	8.470	0.000	0	0	1	1	
PL.9153	PL.33704	C	4ACSR	7.28Y	121.3	0.00	4.68	0.83	1	6	2	95	0.00	0.0	8.501	0.077	0	0	0	2	
416574	PL.9153	C	Consumer	7.28Y	121.3	0.00	4.68	0.81	0	5	2	93	0.00	0.0	8.501	0.000	5	2	1	1	
416575	PL.9153	C	Consumer	7.28Y	121.3	0.00	4.68	0.01	0	0	0	100	0.00	0.0	8.501	0.000	0	0	1	1	
PL.24863	PL.9194	C	4ACSR	7.28Y	121.3	0.00	4.67	1.29	1	9	4	91	0.00	0.0	8.304	0.005	0	0	0	1	
PD.555	PL.24863	C	fuse6AMP	7.28Y	121.3	0.00	4.67	1.29	22	9	4	91	0.00	0.0	8.304	0.000	0	0	0	1	
PL.24862	PD.555	C	4ACSR	7.28Y	121.3	0.00	4.67	1.29	1	9	4	91	0.00	0.0	8.373	0.070	0	0	0	1	
416525	PL.24862	C	Consumer	7.28Y	121.3	0.00	4.67	1.29	0	9	4	91	0.00	0.0	8.373	0.000	9	4	1	1	
4165106	PL.24862	C	Consumer	7.28Y	121.3	0.00	4.67	0.00	0	0	0	100	0.00	0.0	8.373	0.000	0	0	0	0	
416571	PL.9194	C	Consumer	7.28Y	121.3	0.00	4.67	0.08	0	1	0	100	0.00	0.0	8.298	0.000	1	0	1	1	
PL.32283	PL.32284	C	4ACSR	7.29Y	121.5	0.00	4.53	0.32	0	2	1	89	0.00	0.0	8.074	0.053	0	0	0	1	
4175034	PL.32283	C	Consumer	7.29Y	121.5	0.00	4.53	0.32	0	2	1	89	0.00	0.0	8.074	0.000	2	1	1	1	
PL.9884	PL.9895	C	4ACSR	7.29Y	121.5	0.00	4.51	0.87	1	6	3	89	0.00	0.0	8.003	0.009	0	0	0	1	
PD.569	PL.9884	C	fuse6AMP	7.29Y	121.5	0.00	4.51	0.87	15	6	3	89	0.00	0.0	8.003	0.000	0	0	0	1	
PL.9885	PD.569	C	4ACSR	7.29Y	121.5	0.00	4.52	0.87	1	6	3	89	0.00	0.0	8.111	0.108	0	0	0	1	
417531	PL.9885	C	Consumer	7.29Y	121.5	0.00	4.52	0.87	0	6	3	89	0.00	0.0	8.111	0.000	6	3	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
417530	PL.9894	C	Consumer	7.29Y	121.5	0.00	4.47	1.17	0	8	3	94	0.00	0.0	7.911	0.000	8	3	1	1
PL.9902	PL.9900	C	4ACSR	7.31Y	121.8	0.00	4.17	0.00	0	0	0	100	0.00	0.0	7.407	0.009	0	0	0	0
PD.561	PL.9902	C	fuse6AMP	7.31Y	121.8	0.00	4.17	0.00	0	0	0	100	0.00	0.0	7.407	0.000	0	0	0	0
PL.9903	PD.561	C	4ACSR	7.31Y	121.8	0.00	4.17	0.00	0	0	0	100	0.00	0.0	7.462	0.055	0	0	0	0
417512	PL.9903	C	Consumer	7.31Y	121.8	0.00	4.17	0.00	0	0	0	100	0.00	0.0	7.462	0.000	0	0	0	0
PL.2227	PL.25392	C	4ACSR	7.32Y	121.9	0.00	4.07	0.10	0	1	0	100	0.00	0.0	7.336	0.122	0	0	0	1
417513	PL.2227	C	Consumer	7.32Y	121.9	0.00	4.07	0.10	0	1	0	100	0.00	0.0	7.336	0.000	1	0	1	1
417533	PL.2227	C	Consumer	7.32Y	121.9	0.00	4.07	0.00	0	0	0	100	0.00	0.0	7.336	0.000	0	0	0	0
418532	PL.17974	B	Consumer	7.32Y	121.9	0.00	4.07	1.12	0	8	3	94	0.00	0.0	7.017	0.000	8	3	1	1
PL.45792	PL.6081	C	2ACSR	7.34Y	122.3	0.00	3.69	0.25	0	2	1	89	0.00	0.0	6.599	0.013	0	0	0	1
PD.8679	PL.45792	C	fuse6AMP	7.34Y	122.3	0.00	3.69	0.25	4	2	1	89	0.00	0.0	6.599	0.000	0	0	0	1
PL.45793	PD.8679	C	2ACSR	7.34Y	122.3	0.00	3.69	0.25	0	2	1	89	0.00	0.0	6.672	0.073	0	0	0	1
418509	PL.45793	C	Consumer	7.34Y	122.3	0.00	3.69	0.25	0	2	1	89	0.00	0.0	6.672	0.000	2	1	1	1
418507	PL.9134	C	Consumer	7.34Y	122.4	0.00	3.60	0.38	0	3	1	95	0.00	0.0	6.462	0.000	3	1	1	1
418521	PL.9134	C	Consumer	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	6.462	0.000	0	0	1	1
PL.10036	PL.9133	A	4ACSR	7.49Y	124.9	0.00	1.13	2.47	2	17	7	92	0.00	0.0	6.259	0.009	0	0	0	4
PD.565	PL.10036	A	fuse6AMP	7.49Y	124.9	0.00	1.13	2.47	42	17	7	92	0.00	0.0	6.259	0.000	0	0	0	4
PL.10037	PD.565	A	4ACSR	7.49Y	124.9	0.01	1.14	2.47	2	17	7	92	0.00	0.0	6.346	0.086	0	0	0	4
PL.9135	PL.10037	A	4ACSR	7.49Y	124.9	0.00	1.14	0.67	1	5	2	93	0.00	0.0	6.438	0.092	0	0	0	1
PL.44152	PL.9135	A	2ACSR	7.49Y	124.9	0.00	1.15	0.67	0	5	2	93	0.00	0.0	6.473	0.035	0	0	0	1
4185039	PL.44152	A	Consumer	7.49Y	124.9	0.00	1.15	0.00	0	0	0	100	0.00	0.0	6.473	0.000	0	0	0	0
4185038	4185039	A	Consumer	7.49Y	124.9	0.00	1.15	0.00	0	0	0	100	0.00	0.0	6.473	0.000	0	0	0	0
418516	PL.44152	A	Consumer	7.49Y	124.9	0.00	1.15	0.67	0	5	2	93	0.00	0.0	6.473	0.000	5	2	1	1
PL.2245	PL.10037	A	4ACSR	7.49Y	124.9	0.00	1.14	1.81	2	12	5	92	0.00	0.0	6.365	0.019	0	0	0	3
418527	PL.2245	A	Consumer	7.49Y	124.9	0.00	1.14	0.67	0	5	2	93	0.00	0.0	6.365	0.000	5	2	1	1
419529	PL.2245	A	Consumer	7.49Y	124.9	0.00	1.14	0.14	0	1	0	100	0.00	0.0	6.365	0.000	1	0	1	1
418529	PL.2245	A	Consumer	7.49Y	124.9	0.00	1.14	1.00	0	7	3	92	0.00	0.0	6.365	0.000	7	3	1	1
PL.2246	PL.10037	A	4ACSR	7.49Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	6.413	0.067	0	0	0	0
418519	PL.2246	A	Consumer	7.49Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	6.413	0.000	0	0	0	0
419530	PL.24688	B	Consumer	7.35Y	122.5	0.00	3.49	1.24	0	8	4	89	0.00	0.0	6.114	0.000	8	4	1	1
PL.2257	PL.20183	B	4ACSR	7.36Y	122.7	0.00	3.34	1.75	1	12	5	92	0.00	0.0	5.912	0.048	0	0	0	2
PL.2256	PL.2257	B	4ACSR	7.36Y	122.7	0.00	3.34	1.75	1	12	5	92	0.00	0.0	5.958	0.045	0	0	0	2
4195042	PL.2256	B	Consumer	7.36Y	122.7	0.00	3.34	0.80	0	5	2	93	0.00	0.0	5.958	0.000	5	2	1	1
419540	PL.2256	B	Consumer	7.36Y	122.7	0.00	3.34	0.94	0	6	3	89	0.00	0.0	5.958	0.000	6	3	1	1
419515	PL.20183	B	Consumer	7.36Y	122.7	0.00	3.33	1.06	0	7	3	92	0.00	0.0	5.865	0.000	7	3	1	1
P CP.7	PL.20182	A	Cap (150)	7.49Y	124.9	0.00	1.09	-7.23	0	0	-54	0	0.00	0.0	5.857	0.000	0	0	0	0 P
P		B		7.36Y	122.7	0.00	3.33	-7.10	0	0	-52	0					0	0	0	0 P
P		C		7.37Y	122.8	0.00	3.20	-7.11	0	0	-52	0					0	0	0	0 P
PL.9834	PL.9113	A	4ACSR	7.50Y	124.9	0.00	1.07	0.03	0	0	0	100	0.00	0.0	5.693	0.009	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	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PD.1548	PL.9834	A	fuse6AMP	7.50Y	124.9	0.00	1.07	0.03	1	0	0	100	0.00	0.0	5.693	0.000	0	0	0	2
PL.9835	PD.1548	A	4ACSR	7.50Y	124.9	0.00	1.07	0.03	0	0	0	100	0.00	0.0	5.809	0.116	0	0	0	2
470501	PL.9835	A	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	5.809	0.000	0	0	0	0
PL.6812	PL.9835	A	4ACSR	7.50Y	124.9	0.00	1.07	0.03	0	0	0	100	0.00	0.0	6.024	0.215	0	0	0	2
PL.6810	PL.6812	A	4ACSR	7.50Y	124.9	-0.00	1.07	0.00	0	0	0	100	0.00	0.0	6.125	0.101	0	0	0	1
470507	PL.6810	A	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	6.125	0.000	0	0	1	1
470511	PL.6812	A	Consumer	7.50Y	124.9	0.00	1.07	0.03	0	0	0	100	0.00	0.0	6.024	0.000	0	0	1	1
470513	PL.9110	A	Consumer	7.50Y	124.9	0.00	1.07	1.05	0	7	3	92	0.00	0.0	5.683	0.000	7	3	1	1
PL.9832	PL.9109	C	4ACSR	7.38Y	123.0	0.00	2.96	4.39	4	30	13	92	0.00	0.0	5.553	0.011	0	0	0	5
PD.1549	PL.9832	C	fuse6AMP	7.38Y	123.0	0.00	2.96	4.39	75	30	13	92	0.00	0.0	5.553	0.000	0	0	0	5
PL.9833	PD.1549	C	4ACSR	7.38Y	123.0	0.03	2.98	4.39	4	30	13	92	0.01	0.0	5.682	0.128	0	0	0	5
PL.24076	PL.9833	C	4ACSR	7.38Y	123.0	0.01	2.99	1.98	2	13	6	91	0.00	0.0	5.742	0.060	0	0	0	1
470509	PL.24076	C	Consumer	7.38Y	123.0	0.00	2.99	1.98	0	13	6	91	0.00	0.0	5.742	0.000	13	6	1	1
PL.9111	PL.9833	C	4ACSR	7.38Y	123.0	0.01	3.00	2.42	2	16	7	92	0.00	0.0	5.792	0.110	0	0	0	4
PL.9112	PL.9111	C	4ACSR	7.38Y	123.0	0.00	3.00	1.47	1	10	4	93	0.00	0.0	5.846	0.055	0	0	0	3
PL.15013	PL.9112	C	4ACSR	7.38Y	123.0	0.00	3.00	1.47	1	10	4	93	0.00	0.0	5.851	0.005	0	0	0	3
PL.15014	PL.15013	C	4ACSR	7.38Y	123.0	0.01	3.01	1.28	1	9	4	91	0.00	0.0	6.105	0.254	0	0	0	2
470506	PL.15014	C	Consumer	7.38Y	123.0	0.00	3.01	0.46	0	3	1	95	0.00	0.0	6.105	0.000	3	1	1	1
PL.24093	PL.15014	C	4ACSR	7.38Y	123.0	0.00	3.02	0.82	1	6	2	95	0.00	0.0	6.191	0.086	0	0	0	1
419538	PL.24093	C	Consumer	7.38Y	123.0	0.00	3.02	0.82	0	6	2	95	0.00	0.0	6.191	0.000	6	2	1	1
470514	PL.24093	C	Consumer	7.38Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	6.191	0.000	0	0	0	0
4195043	PL.24093	C	Consumer	7.38Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	6.191	0.000	0	0	0	0
470504	PL.15013	C	Consumer	7.38Y	123.0	0.00	3.00	0.19	0	1	1	71	0.00	0.0	5.851	0.000	1	1	1	1
PL.24090	PL.9111	C	4ACSR	7.38Y	123.0	0.00	3.00	0.94	1	6	3	89	0.00	0.0	5.860	0.068	0	0	0	1
470512	PL.24090	C	Consumer	7.38Y	123.0	0.00	3.00	0.94	0	6	3	89	0.00	0.0	5.860	0.000	6	3	1	1
470510	PL.6811	C	Consumer	7.38Y	123.1	0.00	2.93	0.31	0	2	1	89	0.00	0.0	5.515	0.000	2	1	1	1
470502	PL.6811	C	Consumer	7.38Y	123.1	0.00	2.93	0.91	0	6	3	89	0.00	0.0	5.515	0.000	6	3	1	1
PL.10034	PL.10033	C	4ACSR	7.40Y	123.3	0.00	2.66	0.02	0	0	0	100	0.00	0.0	5.242	0.007	0	0	0	1
PD.1550	PL.10034	C	fuse6AMP	7.40Y	123.3	0.00	2.66	0.02	0	0	0	100	0.00	0.0	5.242	0.000	0	0	0	1
PL.10035	PD.1550	C	4ACSR	7.40Y	123.3	0.00	2.66	0.02	0	0	0	100	0.00	0.0	5.316	0.074	0	0	0	1
470508	PL.10035	C	Consumer	7.40Y	123.3	0.00	2.66	0.02	0	0	0	100	0.00	0.0	5.316	0.000	0	0	1	1
471509	PL.6809	C	Consumer	7.41Y	123.5	0.00	2.46	0.71	0	5	2	93	0.00	0.0	5.034	0.000	5	2	1	1
471536	PL.9808	A	Consumer	7.50Y	125.0	0.00	0.97	0.35	0	2	1	89	0.00	0.0	4.718	0.000	2	1	1	1
PL.10020	PL.9808	A	4ACSR	7.50Y	125.0	0.00	0.97	0.26	0	2	1	89	0.00	0.0	4.728	0.010	0	0	0	2
PD.1551	PL.10020	A	fuse6AMP	7.50Y	125.0	0.00	0.97	0.26	4	2	1	89	0.00	0.0	4.728	0.000	0	0	0	2
PL.10021	PD.1551	A	4ACSR	7.50Y	125.0	0.00	0.97	0.26	0	2	1	89	0.00	0.0	4.800	0.072	0	0	0	2
471508	PL.10021	A	Consumer	7.50Y	125.0	0.00	0.97	0.25	0	2	1	89	0.00	0.0	4.800	0.000	2	1	1	1
471531	PL.10021	A	Consumer	7.50Y	125.0	0.00	0.97	0.01	0	0	0	100	0.00	0.0	4.800	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: VAN METER

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 471539, 471535, PL.10018, etc.

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.25503	PD.1554	C	4ACSR	7.47Y	124.5	0.00	1.53	1.16	1	8	3	94	0.00	0.0	3.964	0.036	0	0	0	2
PL.24950	PL.25503	C	4ACSR	7.47Y	124.5	0.00	1.53	0.72	1	5	2	93	0.00	0.0	4.018	0.054	0	0	0	1
472512	PL.24950	C	Consumer	7.47Y	124.5	0.00	1.53	0.72	0	5	2	93	0.00	0.0	4.018	0.000	5	2	1	1
472501	PL.25503	C	Consumer	7.47Y	124.5	0.00	1.53	0.45	0	3	1	95	0.00	0.0	3.964	0.000	3	1	1	1
PL.25500	PL.9116	C	4ACSR	7.48Y	124.6	0.00	1.40	1.76	1	12	5	92	0.00	0.0	3.775	0.006	0	0	0	2
PD.1553	PL.25500	C	fuse6AMP	7.48Y	124.6	0.00	1.40	1.76	30	12	5	92	0.00	0.0	3.775	0.000	0	0	0	2
PL.25501	PD.1553	C	4ACSR	7.48Y	124.6	0.00	1.40	1.76	1	12	5	92	0.00	0.0	3.820	0.045	0	0	0	2
472516	PL.25501	C	Consumer	7.48Y	124.6	0.00	1.40	1.00	0	7	3	92	0.00	0.0	3.820	0.000	7	3	1	1
472521	PL.25501	C	Consumer	7.48Y	124.6	0.00	1.40	0.77	0	5	2	93	0.00	0.0	3.820	0.000	5	2	1	1
PL.10328	PL.14914	C	4ACSR	7.48Y	124.6	0.00	1.38	0.05	0	0	0	100	0.00	0.0	3.759	0.005	0	0	0	1
PD.3056	PL.10328	C	fuse6AMP	7.48Y	124.6	0.00	1.38	0.05	1	0	0	100	0.00	0.0	3.759	0.000	0	0	0	1
PL.10329	PD.3056	C	4ACSR	7.48Y	124.6	0.00	1.38	0.05	0	0	0	100	0.00	0.0	4.033	0.273	0	0	0	1
472520	PL.10329	C	Consumer	7.48Y	124.6	0.00	1.38	0.05	0	0	0	100	0.00	0.0	4.033	0.000	0	0	1	1
P PL.45658	PL.10329	C	2ACSR	7.48Y	124.6	-0.00	1.38	-0.05	0	0	0	100	0.00	0.0	4.199	0.166	0	0	0	0 P
P PD.8672-A	PL.45658	C	Closed	7.48Y	124.6	0.00	1.38	-0.05	0	0	0	100	0.00	0.0	4.199	0.000	0	0	0	0 P
P PD.8672-B	PD.8672-A	C	Closed	7.48Y	124.6	0.00	1.38	-0.05	0	0	0	100	0.00	0.0	4.199	0.000	0	0	0	0 P
P PL.45659	PD.8672-B	C	1/0EPRJCN	7.48Y	124.6	-0.00	1.38	-0.05	0	0	0	100	0.00	0.0	4.280	0.081	0	0	0	0 P
4725029	PL.45659	C	Consumer	7.48Y	124.6	0.00	1.38	0.00	0	0	0	100	0.00	0.0	4.280	0.000	0	0	0	0
PL.25498	PL.8679	A	4ACSR	7.52Y	125.4	0.00	0.62	1.07	1	7	3	92	0.00	0.0	3.526	0.007	0	0	0	2
PD.1556	PL.25498	A	fuse6AMP	7.52Y	125.4	0.00	0.62	1.07	18	7	3	92	0.00	0.0	3.526	0.000	0	0	0	2
PL.25499	PD.1556	A	4ACSR	7.52Y	125.4	0.00	0.62	1.07	1	7	3	92	0.00	0.0	3.567	0.041	0	0	0	2
472502	PL.25499	A	Consumer	7.52Y	125.4	0.00	0.62	1.07	0	7	3	92	0.00	0.0	3.567	0.000	7	3	1	1
PL.24949	PL.25499	A	4ACSR	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	3.567	0.000	0	0	0	1
PL.28761	PL.24949	A	4ACSR	7.52Y	125.4	-0.00	0.62	0.00	0	0	0	100	0.00	0.0	3.613	0.046	0	0	0	1
PL.28762	PL.28761	A	4ACSR	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	3.613	0.000	0	0	0	0
472510	PL.28761	A	Consumer	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	3.613	0.000	0	0	1	1
PL.24096	PL.8677	B	4ACSR	7.50Y	125.0	0.00	0.98	0.46	0	3	1	95	0.00	0.0	3.366	0.042	0	0	0	1
472515	PL.24096	B	Consumer	7.50Y	125.0	0.00	0.98	0.46	0	3	1	95	0.00	0.0	3.366	0.000	3	1	1	1
PL.10479	PL.8675	A	4ACSR	7.53Y	125.5	0.00	0.54	1.96	2	14	6	92	0.00	0.0	3.264	0.014	0	0	0	5
PD.2430	PL.10479	A	fuse6AMP	7.53Y	125.5	0.00	0.54	1.96	33	14	6	92	0.00	0.0	3.264	0.000	0	0	0	5
PL.10480	PD.2430	A	4ACSR	7.53Y	125.5	0.01	0.55	1.96	2	14	6	92	0.00	0.0	3.399	0.135	0	0	0	5
PL.3480	PL.10480	A	4ACSR	7.53Y	125.4	0.00	0.55	0.79	1	6	2	95	0.00	0.0	3.437	0.038	0	0	0	1
PL.3479	PL.3480	A	4ACSR	7.53Y	125.4	0.00	0.55	0.79	1	6	2	95	0.00	0.0	3.442	0.005	0	0	0	1
PL.24086	PL.3479	A	4ACSR	7.53Y	125.4	0.01	0.56	0.79	1	6	2	95	0.00	0.0	3.740	0.298	0	0	0	1
PL.39674	PL.24086	A	4ACSR	7.53Y	125.4	0.00	0.56	0.79	1	6	2	95	0.00	0.0	3.779	0.039	0	0	0	1
4724004	PL.39674	A	Consumer	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	3.779	0.000	0	0	0	0
PL.45746	PL.39674	A	4ACSR	7.53Y	125.4	0.00	0.56	0.79	1	6	2	95	0.00	0.0	3.810	0.031	0	0	0	1
PL.45747	PL.45746	A	1/0EPRJCN	7.53Y	125.4	0.00	0.57	0.79	0	6	2	95	0.00	0.0	3.906	0.096	0	0	0	1

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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							
472401	PL.45747	A	Consumer	7.53Y	125.4	0.00	0.57	0.81	0	6	2	95	0.00	0.0	3.906	0.000	6	2	1	1
520303	PL.10480	A	Consumer	7.53Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	3.399	0.000	0	0	1	1
520301	PL.10480	A	Consumer	7.53Y	125.5	0.00	0.55	0.27	0	2	1	89	0.00	0.0	3.399	0.000	2	1	1	1
PL.45616	PL.10480	A	4ACSR	7.53Y	125.4	0.00	0.55	0.91	1	6	3	89	0.00	0.0	3.425	0.026	0	0	0	2
PL.45617	PL.45616	A	4ACSR	7.53Y	125.4	0.00	0.55	0.91	1	6	3	89	0.00	0.0	3.467	0.042	0	0	0	2
520302	PL.45617	A	Consumer	7.53Y	125.4	0.00	0.55	0.80	0	6	2	95	0.00	0.0	3.467	0.000	6	2	1	1
PL.19725	PL.45617	A	4ACSR	7.53Y	125.4	0.00	0.55	0.11	0	1	0	100	0.00	0.0	3.528	0.061	0	0	0	1
521301	PL.19725	A	Consumer	7.53Y	125.4	0.00	0.55	0.11	0	1	0	100	0.00	0.0	3.528	0.000	1	0	1	1
5203006	PL.45616	A	Consumer	7.53Y	125.4	0.00	0.55	0.00	0	0	0	100	0.00	0.0	3.425	0.000	0	0	0	0
521408	PL.9069	C	Consumer	7.51Y	125.2	0.00	0.78	0.74	0	5	2	93	0.00	0.0	3.109	0.000	5	2	1	1
PL.3489	PL.19628	A	1/0ACSR	7.54Y	125.6	-0.00	0.39	0.00	0	0	0	100	0.00	0.0	2.888	0.060	0	0	0	0
		B		7.54Y	125.6	0.01	0.40	4.73	2	32	15	91					0	0	0	6
		C		7.53Y	125.5	0.00	0.49	1.89	1	13	6	92					0	0	0	2
PL.35618	PL.3489	C	2ACSR	7.53Y	125.5	0.00	0.49	1.34	1	9	4	91	0.00	0.0	2.972	0.083	0	0	0	1
5264001	PL.35618	C	Consumer	7.53Y	125.5	0.00	0.49	1.34	0	9	4	91	0.00	0.0	2.972	0.000	9	4	1	1
PL.10040	PL.3489	B	4ACSR	7.54Y	125.6	0.00	0.40	4.73	4	32	15	91	0.00	0.0	2.899	0.011	0	0	0	6
PL.10041	PL.10040	B	4ACSR	7.54Y	125.6	0.00	0.40	2.09	2	14	6	92	0.00	0.0	2.929	0.030	0	0	0	4
525310	PL.10041	B	Consumer	7.54Y	125.6	0.00	0.40	0.60	0	4	2	89	0.00	0.0	2.929	0.000	4	2	1	1
525311	PL.10041	B	Consumer	7.54Y	125.6	0.00	0.40	0.16	0	1	0	100	0.00	0.0	2.929	0.000	1	0	1	1
525316	PL.10041	B	Consumer	7.54Y	125.6	0.00	0.40	0.72	0	5	2	93	0.00	0.0	2.929	0.000	5	2	1	1
525306	PL.10041	B	Consumer	7.54Y	125.6	0.00	0.40	0.62	0	4	2	89	0.00	0.0	2.929	0.000	4	2	1	1
525403	PL.10040	B	Consumer	7.54Y	125.6	0.00	0.40	1.74	0	12	6	89	0.00	0.0	2.899	0.000	12	6	1	1
525407	PL.10040	B	Consumer	7.54Y	125.6	0.00	0.40	0.89	0	6	3	89	0.00	0.0	2.899	0.000	6	3	1	1
PL.3487	PL.3489	C	4ACSR	7.53Y	125.5	0.00	0.49	0.55	0	4	2	89	0.00	0.0	2.920	0.031	0	0	0	1
525409	PL.3487	C	Consumer	7.53Y	125.5	0.00	0.49	0.55	0	4	2	89	0.00	0.0	2.920	0.000	4	2	1	1
525305	PL.19627	C	Consumer	7.54Y	125.6	0.00	0.35	0.39	0	3	1	95	0.00	0.0	2.736	0.000	3	1	1	1
524313	PL.19627	C	Consumer	7.54Y	125.6	0.00	0.35	0.05	0	0	0	100	0.00	0.0	2.736	0.000	0	0	1	1
524311	PL.19627	C	Consumer	7.54Y	125.6	0.00	0.35	0.19	0	1	1	71	0.00	0.0	2.736	0.000	1	1	1	1
525401	PL.19627	C	Consumer	7.54Y	125.6	0.00	0.35	0.41	0	3	1	95	0.00	0.0	2.736	0.000	3	1	1	1
525304	PL.19627	A	Consumer	7.54Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	2.736	0.000	0	0	0	0
PL.25090	PL.9060	C	4ACSR	7.54Y	125.7	0.00	0.25	1.98	2	14	6	92	0.00	0.0	2.674	0.002	0	0	0	3
PD.2424	PL.25090	C	fuse6AMP	7.54Y	125.7	0.00	0.25	1.98	34	14	6	92	0.00	0.0	2.674	0.000	0	0	0	3
PL.25790	PD.2424	C	4ACSR	7.54Y	125.7	0.00	0.26	1.98	2	14	6	92	0.00	0.0	2.704	0.030	0	0	0	3
524303	PL.25790	C	Consumer	7.54Y	125.7	0.00	0.26	0.07	0	0	0	100	0.00	0.0	2.704	0.000	0	0	1	1
524314	PL.25790	C	Consumer	7.54Y	125.7	0.00	0.26	1.29	0	9	4	91	0.00	0.0	2.704	0.000	9	4	1	1
524310	PL.25790	C	Consumer	7.54Y	125.7	0.00	0.26	0.62	0	4	2	89	0.00	0.0	2.704	0.000	4	2	1	1
PL.25791	PL.9060	A	4ACSR	7.55Y	125.8	0.00	0.21	2.90	2	20	9	91	0.00	0.0	2.674	0.002	0	0	0	10
PD.2423	PL.25791	A	fuse6AMP	7.55Y	125.8	0.00	0.21	2.90	50	20	9	91	0.00	0.0	2.674	0.000	0	0	0	10
PL.19863	PD.2423	A	4ACSR	7.55Y	125.8	0.00	0.21	2.90	2	20	9	91	0.00	0.0	2.705	0.031	0	0	0	10

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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
524306	PL.19863	A	Consumer	7.55Y	125.8	0.00	0.21	0.49	0	3	1	95	0.00	0.0	2.705	0.000	3	1	1	1
524312	PL.19863	A	Consumer	7.55Y	125.8	0.00	0.21	0.78	0	5	2	93	0.00	0.0	2.705	0.000	5	2	1	1
PL.19864	PL.19863	A	4ACSR	7.55Y	125.8	0.00	0.22	1.63	1	11	5	91	0.00	0.0	2.751	0.046	0	0	0	8
525313	PL.19864	A	Consumer	7.55Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	2.751	0.000	0	0	0	0
5252019	PL.19864	A	Consumer	7.55Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	2.751	0.000	0	0	1	1
525315	PL.19864	A	Consumer	7.55Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	2.751	0.000	0	0	1	1
525212	PL.19864	A	Consumer	7.55Y	125.8	0.00	0.22	0.05	0	0	0	100	0.00	0.0	2.751	0.000	0	0	1	1
525312	PL.19864	A	Consumer	7.55Y	125.8	0.00	0.22	0.14	0	1	0	100	0.00	0.0	2.751	0.000	1	0	1	1
525218	PL.19864	A	Consumer	7.55Y	125.8	0.00	0.22	0.22	0	2	1	89	0.00	0.0	2.751	0.000	2	1	1	1
525206	PL.19864	A	Consumer	7.55Y	125.8	0.00	0.22	1.04	0	7	3	92	0.00	0.0	2.751	0.000	7	3	1	1
525209	PL.19864	A	Consumer	7.55Y	125.8	0.00	0.22	0.03	0	0	0	100	0.00	0.0	2.751	0.000	0	0	1	1
525205	PL.19864	A	Consumer	7.55Y	125.8	0.00	0.22	0.15	0	1	0	100	0.00	0.0	2.751	0.000	1	0	1	1
PL.19921	PL.30796	B	4ACSR	7.55Y	125.8	0.01	0.15	7.59	6	53	23	92	0.00	0.0	2.627	0.018	0	0	0	14
C PD.2425	PL.19921	B	fuse6AMP	7.55Y	125.8	0.00	0.15	7.59	130	53	23	92	0.00	0.0	2.627	0.000	0	0	0	14 C
PL.19922	PD.2425	B	4ACSR	7.55Y	125.8	0.06	0.22	7.59	6	53	23	92	0.03	0.0	2.812	0.184	0	0	0	14
PL.20268	PL.19922	B	4ACSR	7.54Y	125.7	0.04	0.26	7.59	6	53	23	92	0.02	0.0	2.937	0.126	0	0	0	14
PL.20269	PL.20268	B	4ACSR	7.54Y	125.7	0.04	0.30	6.95	6	48	21	92	0.01	0.0	3.059	0.122	0	0	0	12
PL.25787	PL.20269	B	4ACSR	7.54Y	125.7	0.00	0.30	4.89	4	34	15	91	0.00	0.0	3.074	0.015	0	0	0	8
C PD.1567	PL.25787	B	fuse6AMP	7.54Y	125.7	0.00	0.30	4.89	83	34	15	91	0.00	0.0	3.074	0.000	0	0	0	8 C
PL.25788	PD.1567	B	4ACSR	7.54Y	125.7	0.03	0.33	4.89	4	34	15	91	0.01	0.0	3.187	0.112	0	0	0	8
473415	PL.25788	B	Consumer	7.54Y	125.7	0.00	0.33	0.15	0	1	0	100	0.00	0.0	3.187	0.000	1	0	1	1
PL.6814	PL.25788	B	4ACSR	7.54Y	125.7	0.02	0.35	4.74	4	33	14	92	0.00	0.0	3.272	0.086	0	0	0	7
473404	PL.6814	B	Consumer	7.54Y	125.7	0.00	0.35	0.37	0	3	1	95	0.00	0.0	3.272	0.000	3	1	1	1
PL.24100	PL.6814	B	4ACSR	7.54Y	125.6	0.03	0.38	4.37	4	30	13	92	0.01	0.0	3.419	0.146	0	0	0	6
473405	PL.24100	B	Consumer	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	3.419	0.000	0	0	1	1
PL.24101	PL.24100	B	4ACSR	7.54Y	125.6	0.02	0.40	4.37	4	30	13	92	0.00	0.0	3.516	0.097	0	0	0	5
PL.24119	PL.24101	B	4ACSR	7.54Y	125.6	0.01	0.40	1.81	2	12	5	92	0.00	0.0	3.612	0.097	0	0	0	2
PL.24120	PL.24119	B	4ACSR	7.54Y	125.6	0.00	0.41	0.57	0	4	2	89	0.00	0.0	3.731	0.118	0	0	0	1
473414	PL.24120	B	Consumer	7.54Y	125.6	0.00	0.41	0.57	0	4	2	89	0.00	0.0	3.731	0.000	4	2	1	1
473413	PL.24119	B	Consumer	7.54Y	125.6	0.00	0.40	1.24	0	9	4	91	0.00	0.0	3.612	0.000	9	4	1	1
PL.7047	PL.24101	B	4ACSR	7.54Y	125.6	0.00	0.40	2.57	2	18	8	91	0.00	0.0	3.540	0.024	0	0	0	3
473409	PL.7047	B	Consumer	7.54Y	125.6	0.00	0.40	0.44	0	3	1	95	0.00	0.0	3.540	0.000	3	1	1	1
PL.7048	PL.7047	B	4ACSR	7.54Y	125.6	0.02	0.42	2.12	2	15	6	93	0.00	0.0	3.714	0.174	0	0	0	2
473416	PL.7048	B	Consumer	7.54Y	125.6	0.00	0.42	0.05	0	0	0	100	0.00	0.0	3.714	0.000	0	0	1	1
PL.24121	PL.7048	B	4ACSR	7.53Y	125.6	0.01	0.43	2.07	2	14	6	92	0.00	0.0	3.806	0.092	0	0	0	1
PL.24122	PL.24121	B	4ACSR	7.53Y	125.6	0.01	0.43	2.07	2	14	6	92	0.00	0.0	3.903	0.097	0	0	0	1
473417	PL.24122	B	Consumer	7.53Y	125.6	0.00	0.43	2.07	0	14	6	92	0.00	0.0	3.903	0.000	14	6	1	1
PL.19426	PL.20269	B	4ACSR	7.54Y	125.7	0.00	0.30	2.06	2	14	6	92	0.00	0.0	3.099	0.040	0	0	0	4

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.19427	PL.19426	B	4ACSR	7.54Y	125.7	0.00	0.31	1.56	1	11	5	91	0.00	0.0	3.127	0.028	0	0	0	3
PL.25393	PL.19427	B	4ACSR	7.54Y	125.7	0.01	0.31	0.93	1	6	3	89	0.00	0.0	3.246	0.119	0	0	0	2
473412	PL.25393	B	Consumer	7.54Y	125.7	0.00	0.31	0.30	0	2	1	89	0.00	0.0	3.246	0.000	2	1	1	1
473406	PL.25393	B	Consumer	7.54Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	3.246	0.000	0	0	0	0
PL.7050	PL.25393	B	4ACSR	7.54Y	125.7	0.00	0.31	0.00	0	0	0	100	0.00	0.0	3.381	0.135	0	0	0	0
PL.24102	PL.25393	B	4ACSR	7.54Y	125.7	0.00	0.32	0.63	1	4	2	89	0.00	0.0	3.408	0.162	0	0	0	1
473401	PL.24102	B	Consumer	7.54Y	125.7	0.00	0.32	0.63	0	4	2	89	0.00	0.0	3.408	0.000	4	2	1	1
473403	PL.19427	B	Consumer	7.54Y	125.7	0.00	0.31	0.63	0	4	2	89	0.00	0.0	3.127	0.000	4	2	1	1
473408	PL.19426	B	Consumer	7.54Y	125.7	0.00	0.30	0.50	0	3	2	83	0.00	0.0	3.099	0.000	3	2	1	1
473411	PL.20268	B	Consumer	7.54Y	125.7	0.00	0.26	0.56	0	4	2	89	0.00	0.0	2.937	0.000	4	2	1	1
473407	PL.20268	B	Consumer	7.54Y	125.7	0.00	0.26	0.08	0	1	0	100	0.00	0.0	2.937	0.000	1	0	1	1
PL.10400	PL.10403	A	4ACSR	7.25Y	120.8	0.00	5.18	1.27	1	8	4	89	0.00	0.0	2.470	0.003	0	0	0	2
PD.2427	PL.10400	A	fuse6AMP	7.25Y	120.8	0.00	5.18	1.27	22	8	4	89	0.00	0.0	2.470	0.000	0	0	0	2
PL.10401	PD.2427	A	4ACSR	7.25Y	120.8	0.00	5.18	1.27	1	8	4	89	0.00	0.0	2.513	0.043	0	0	0	2
525208	PL.10401	A	Consumer	7.25Y	120.8	0.00	5.18	0.74	0	5	2	93	0.00	0.0	2.513	0.000	5	2	1	1
526203	PL.10401	A	Consumer	7.25Y	120.8	0.00	5.18	0.53	0	4	2	89	0.00	0.0	2.513	0.000	4	2	1	1
PL.30949	PL.10403	C	4ACSR	7.32Y	122.0	0.00	4.02	0.43	0	3	1	95	0.00	0.0	2.473	0.005	0	0	0	1
PD.2433	PL.30949	C	fuse6AMP	7.32Y	122.0	0.00	4.02	0.43	7	3	1	95	0.00	0.0	2.473	0.000	0	0	0	1
PL.30950	PD.2433	C	4ACSR	7.32Y	122.0	0.00	4.02	0.43	0	3	1	95	0.00	0.0	2.530	0.056	0	0	0	1
525217	PL.30950	C	Consumer	7.32Y	122.0	0.00	4.02	0.43	0	3	1	95	0.00	0.0	2.530	0.000	3	1	1	1
PL.18668	PL.8656	A	4ACSR	7.26Y	121.1	0.00	4.92	6.40	5	43	19	91	0.00	0.0	2.290	0.007	0	0	0	11
C PD.2428	PL.18668	A	fuse6AMP	7.26Y	121.1	0.00	4.92	6.40	109	43	19	91	0.00	0.0	2.290	0.000	0	0	0	11 C
PL.18669	PD.2428	A	4ACSR	7.26Y	121.1	0.01	4.93	6.40	5	43	19	91	0.00	0.0	2.319	0.029	0	0	0	11
PL.3482	PL.18669	A	4ACSR	7.26Y	121.1	0.01	4.94	1.90	2	13	5	93	0.00	0.0	2.444	0.125	0	0	0	3
526204	PL.3482	A	Consumer	7.26Y	121.1	0.00	4.94	0.00	0	0	0	100	0.00	0.0	2.444	0.000	0	0	0	0
526201	PL.3482	A	Consumer	7.26Y	121.1	0.00	4.94	0.37	0	2	1	89	0.00	0.0	2.444	0.000	2	1	1	1
526207	PL.3482	A	Consumer	7.26Y	121.1	0.00	4.94	0.78	0	5	2	93	0.00	0.0	2.444	0.000	5	2	1	1
526206	PL.3482	A	Consumer	7.26Y	121.1	0.00	4.94	0.75	0	5	2	93	0.00	0.0	2.444	0.000	5	2	1	1
PL.3481	PL.18669	A	4ACSR	7.26Y	121.1	0.01	4.94	4.51	4	30	13	92	0.00	0.0	2.350	0.032	0	0	0	8
528202	PL.3481	A	Consumer	7.26Y	121.1	0.00	4.94	0.42	0	3	1	95	0.00	0.0	2.350	0.000	3	1	1	1
528201	PL.3481	A	Consumer	7.26Y	121.1	0.00	4.94	0.00	0	0	0	100	0.00	0.0	2.350	0.000	0	0	0	0
PL.3485	PL.3481	A	4ACSR	7.26Y	121.1	0.00	4.94	4.08	3	27	12	91	0.00	0.0	2.362	0.012	0	0	0	7
PL.3484	PL.3485	A	4ACSR	7.26Y	121.0	0.01	4.95	4.08	3	27	12	91	0.00	0.0	2.427	0.065	0	0	0	7
527202	PL.3484	A	Consumer	7.26Y	121.0	0.00	4.95	0.19	0	1	1	71	0.00	0.0	2.427	0.000	1	1	1	1
527204	PL.3484	A	Consumer	7.26Y	121.0	0.00	4.95	0.73	0	5	2	93	0.00	0.0	2.427	0.000	5	2	1	1
527205	PL.3484	A	Consumer	7.26Y	121.0	0.00	4.95	1.41	0	9	4	91	0.00	0.0	2.427	0.000	9	4	1	1
PL.7209	PL.3484	A	4ACSR	7.26Y	121.0	-0.00	4.95	0.00	0	0	0	100	0.00	0.0	2.474	0.047	0	0	0	2
PL.7210	PL.7209	A	4ACSR	7.26Y	121.0	0.00	4.95	0.00	0	0	0	100	0.00	0.0	2.552	0.078	0	0	0	1

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.7207	PL.7210	A	4ACSR	7.26Y	121.0	-0.00	4.95	0.00	0	0	0	100	0.00	0.0	2.591	0.040	0	0	0	1
PL.7208	PL.7207	A	4ACSR	7.26Y	121.0	0.00	4.95	0.00	0	0	0	100	0.00	0.0	2.591	0.000	0	0	0	0
527401	PL.7207	A	Consumer	7.26Y	121.0	0.00	4.95	0.00	0	0	0	100	0.00	0.0	2.591	0.000	0	0	1	1
527301	PL.7209	A	Consumer	7.26Y	121.0	0.00	4.95	0.00	0	0	0	100	0.00	0.0	2.474	0.000	0	0	1	1
PL.3483	PL.3484	A	4ACSR	7.26Y	121.0	0.00	4.95	1.75	1	12	5	92	0.00	0.0	2.448	0.021	0	0	0	2
527203	PL.3483	A	Consumer	7.26Y	121.0	0.00	4.95	0.83	0	6	2	95	0.00	0.0	2.448	0.000	6	2	1	1
527201	PL.3483	A	Consumer	7.26Y	121.0	0.00	4.95	0.92	0	6	3	89	0.00	0.0	2.448	0.000	6	3	1	1
PL.25083	PL.197	A	4ACSR	7.28Y	121.3	0.00	4.67	6.32	5	42	18	92	0.00	0.0	2.132	0.005	0	0	0	9
C PD.2434	PL.25083	A	fuse6AMP	7.28Y	121.3	0.00	4.67	6.32	108	42	18	92	0.00	0.0	2.132	0.000	0	0	0	9 C
PL.32785	PD.2434	A	4ACSR	7.28Y	121.3	0.02	4.69	6.32	5	42	18	92	0.01	0.0	2.195	0.063	0	0	0	9
PL.32786	PL.32785	A	4ACSR	7.28Y	121.3	0.01	4.70	5.52	5	37	16	92	0.00	0.0	2.242	0.048	0	0	0	8
5293001	PL.32786	A	Consumer	7.28Y	121.3	0.00	4.70	0.61	0	4	2	89	0.00	0.0	2.242	0.000	4	2	1	1
5293002	PL.32786	A	Consumer	7.28Y	121.3	0.00	4.70	0.51	0	3	1	95	0.00	0.0	2.242	0.000	3	1	1	1
PL.32787	PL.32786	A	4ACSR	7.28Y	121.3	0.01	4.71	4.40	4	29	13	91	0.00	0.0	2.286	0.043	0	0	0	6
5293004	PL.32787	A	Consumer	7.28Y	121.3	0.00	4.71	0.88	0	6	3	89	0.00	0.0	2.286	0.000	6	3	1	1
5294001	PL.32787	A	Consumer	7.28Y	121.3	0.00	4.71	0.89	0	6	3	89	0.00	0.0	2.286	0.000	6	3	1	1
PL.36679	PL.32787	A	4ACSR	7.28Y	121.3	0.01	4.71	2.64	2	18	8	91	0.00	0.0	2.328	0.042	0	0	0	4
5294003	PL.36679	A	Consumer	7.28Y	121.3	0.00	4.71	0.76	0	5	2	93	0.00	0.0	2.328	0.000	5	2	1	1
5294002	PL.36679	A	Consumer	7.28Y	121.3	0.00	4.71	1.08	0	7	3	92	0.00	0.0	2.328	0.000	7	3	1	1
PL.44634	PL.36679	A	4ACSR	7.28Y	121.3	0.00	4.72	0.80	1	5	2	93	0.00	0.0	2.372	0.044	0	0	0	2
PL.44635	PL.44634	A	4ACSR	7.28Y	121.3	0.00	4.72	0.80	1	5	2	93	0.00	0.0	2.374	0.003	0	0	0	1
PD.182-A	PL.44635	A	Closed	7.28Y	121.3	0.00	4.72	0.80	0	5	2	93	0.00	0.0	2.374	0.000	0	0	0	1
PD.182-B	PD.182-A	A	Closed	7.28Y	121.3	0.00	4.72	0.80	0	5	2	93	0.00	0.0	2.374	0.000	0	0	0	1
PL.25087	PD.182-B	A	4ACSR	7.28Y	121.3	0.00	4.72	0.80	1	5	2	93	0.00	0.0	2.392	0.018	0	0	0	1
529502	PL.25087	A	Consumer	7.28Y	121.3	0.00	4.72	0.80	0	5	2	93	0.00	0.0	2.392	0.000	5	2	1	1
5294004	PL.44634	A	Consumer	7.28Y	121.3	0.00	4.72	0.00	0	0	0	100	0.00	0.0	2.372	0.000	0	0	1	1
5293003	PL.32785	A	Consumer	7.28Y	121.3	0.00	4.69	0.79	0	5	2	93	0.00	0.0	2.195	0.000	5	2	1	1
PL.198	PL.9054	A	1/0ACSR	7.29Y	121.4	0.00	4.56	0.00	0	0	0	100	0.00	0.0	2.065	0.000	0	0	0	0
		B		7.40Y	123.3	0.00	2.75	0.00	0	0	0	100					0	0	0	0
		C		7.36Y	122.6	0.00	3.40	0.00	0	0	0	100					0	0	0	0
PL.25084	PL.9208	B	4ACSR	7.42Y	123.6	0.00	2.37	3.22	3	22	10	91	0.00	0.0	1.759	0.009	0	0	0	5
PD.1561	PL.25084	B	fuse6AMP	7.42Y	123.6	0.00	2.37	3.22	55	22	10	91	0.00	0.0	1.759	0.000	0	0	0	5
PL.25085	PD.1561	B	4ACSR	7.42Y	123.6	0.00	2.38	3.22	3	22	10	91	0.00	0.0	1.778	0.019	0	0	0	5
PL.7046	PL.25085	B	4ACSR	7.42Y	123.6	0.01	2.39	3.22	3	22	10	91	0.00	0.0	1.859	0.081	0	0	0	5
PL.24112	PL.7046	B	4ACSR	7.42Y	123.6	0.01	2.40	3.22	3	22	10	91	0.00	0.0	1.930	0.072	0	0	0	5
PL.24113	PL.24112	B	4ACSR	7.42Y	123.6	0.00	2.40	0.59	0	4	2	89	0.00	0.0	2.022	0.091	0	0	0	2
PL.24115	PL.24113	B	4ACSR	7.42Y	123.6	0.00	2.40	0.59	0	4	2	89	0.00	0.0	2.080	0.058	0	0	0	1
PL.9204	PL.24115	B	4ACSR	7.42Y	123.6	0.00	2.40	0.59	0	4	2	89	0.00	0.0	2.095	0.016	0	0	0	1
PL.9205	PL.9204	B	4ACSR	7.42Y	123.6	0.00	2.40	0.00	0	0	0	100	0.00	0.0	2.124	0.029	0	0	0	0

Unbalanced Voltage Drop Report
Source: VAN METER

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\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.9207	PL.9204	B	4ACSR	7.42Y	123.6	0.00	2.41	0.59	0	4	2	89	0.00	0.0	2.200	0.104	0	0	0	1
474518	PL.9207	B	Consumer	7.42Y	123.6	0.00	2.41	0.59	0	4	2	89	0.00	0.0	2.200	0.000	4	2	1	1
PL.9206	PL.9204	B	4ACSR	7.42Y	123.6	0.00	2.40	0.00	0	0	0	100	0.00	0.0	2.095	0.000	0	0	0	0
4745022	PL.24113	B	Consumer	7.42Y	123.6	0.00	2.40	0.00	0	0	0	100	0.00	0.0	2.022	0.000	0	0	1	1
PL.24114	PL.24112	B	4ACSR	7.42Y	123.6	0.01	2.41	2.63	2	18	8	91	0.00	0.0	2.008	0.078	0	0	0	3
PL.24116	PL.24114	B	4ACSR	7.42Y	123.6	0.00	2.41	1.04	1	7	3	92	0.00	0.0	2.058	0.050	0	0	0	1
474517	PL.24116	B	Consumer	7.42Y	123.6	0.00	2.41	1.04	0	7	3	92	0.00	0.0	2.058	0.000	7	3	1	1
474512	PL.24114	B	Consumer	7.42Y	123.6	0.00	2.41	0.08	0	1	0	100	0.00	0.0	2.008	0.000	1	0	1	1
474511	PL.24114	B	Consumer	7.42Y	123.6	0.00	2.41	1.51	0	10	4	93	0.00	0.0	2.008	0.000	10	4	1	1
PL.9186	PL.9209	A	4ACSR	7.34Y	122.3	0.00	3.71	0.73	1	5	2	93	0.00	0.0	1.680	0.006	0	0	0	3
PD.1562	PL.9186	A	fuse6AMP	7.34Y	122.3	0.00	3.71	0.73	12	5	2	93	0.00	0.0	1.680	0.000	0	0	0	3
PL.9187	PD.1562	A	4ACSR	7.34Y	122.3	0.00	3.71	0.73	1	5	2	93	0.00	0.0	1.745	0.065	0	0	0	3
PL.24111	PL.9187	A	4ACSR	7.34Y	122.3	0.00	3.72	0.12	0	1	0	100	0.00	0.0	1.799	0.054	0	0	0	2
474515	PL.24111	A	Consumer	7.34Y	122.3	0.00	3.72	0.04	0	0	0	100	0.00	0.0	1.799	0.000	0	0	1	1
474521	PL.24111	A	Consumer	7.34Y	122.3	0.00	3.72	0.07	0	0	0	100	0.00	0.0	1.799	0.000	0	0	1	1
474501	PL.9187	A	Consumer	7.34Y	122.3	0.00	3.71	0.61	0	4	2	89	0.00	0.0	1.745	0.000	4	2	1	1
474508	PL.6799	B	Consumer	7.44Y	124.0	0.00	1.96	1.81	0	12	5	92	0.00	0.0	1.425	0.000	12	5	1	1
474520	PL.6799	B	Consumer	7.44Y	124.0	0.00	1.96	0.02	0	0	0	100	0.00	0.0	1.425	0.000	0	0	1	1
PL.9190	PL.6799	B	4ACSR	7.44Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	1.431	0.007	0	0	0	1
PD.1565	PL.9190	B	fuse6AMP	7.44Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	1.431	0.000	0	0	0	1
PL.33133	PD.1565	B	4ACSR	7.44Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	1.439	0.007	0	0	0	1
PD.3959	PL.33133	B	fuse6AMP	7.44Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	1.439	0.000	0	0	0	1
PL.33134	PD.3959	B	4ACSR	7.44Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	1.543	0.104	0	0	0	1
474509	PL.33134	B	Consumer	7.44Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	1.543	0.000	0	0	1	1
PL.9192	PL.9803	C	4ACSR	7.44Y	123.9	0.00	2.05	0.75	1	5	2	93	0.00	0.0	1.326	0.104	0	0	0	2
PL.24848	PL.9192	C	4ACSR	7.44Y	123.9	0.00	2.05	0.00	0	0	0	100	0.00	0.0	1.355	0.028	0	0	0	1
PD.426-A	PL.24848	C	Closed	7.44Y	123.9	0.00	2.05	0.00	0	0	0	100	0.00	0.0	1.355	0.000	0	0	0	1
PD.426-B	PD.426-A	C	Closed	7.44Y	123.9	0.00	2.05	0.00	0	0	0	100	0.00	0.0	1.355	0.000	0	0	0	1
PL.24849	PD.426-B	C	4ACSR	7.44Y	123.9	0.00	2.05	0.00	0	0	0	100	0.00	0.0	1.418	0.063	0	0	0	1
PL.6796	PL.24849	C	4ACSR	7.44Y	123.9	0.00	2.05	0.00	0	0	0	100	0.00	0.0	1.532	0.114	0	0	0	1
474411	PL.6796	C	Consumer	7.44Y	123.9	0.00	2.05	0.00	0	0	0	100	0.00	0.0	1.532	0.000	0	0	1	1
PL.6797	PL.6796	C	4ACSR	7.44Y	123.9	0.00	2.05	0.00	0	0	0	100	0.00	0.0	1.994	0.462	0	0	0	0
PL.24104	PL.6797	C	4ACSR	7.44Y	123.9	0.00	2.05	0.00	0	0	0	100	0.00	0.0	2.099	0.105	0	0	0	0
474413	PL.9192	C	Consumer	7.44Y	123.9	0.00	2.05	0.75	0	5	2	93	0.00	0.0	1.326	0.000	5	2	1	1
PL.24854	PL.9799	B	4ACSR	7.49Y	124.8	0.00	1.22	2.69	2	18	8	91	0.00	0.0	0.877	0.018	0	0	0	4
PD.1576	PL.24854	B	fuse6AMP	7.49Y	124.8	0.00	1.22	2.69	46	18	8	91	0.00	0.0	0.877	0.000	0	0	0	4
PL.24855	PD.1576	B	4ACSR	7.49Y	124.8	0.02	1.23	2.69	2	18	8	91	0.00	0.0	1.023	0.146	0	0	0	4
PL.3046	PL.24855	B	4ACSR	7.48Y	124.7	0.02	1.25	1.84	2	13	5	93	0.00	0.0	1.208	0.185	0	0	0	3

Unbalanced Voltage Drop Report
Source: VAN METER

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.3048, PL.9804, 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

Summary table with columns: Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Values: KW 2435, KVAR 1077, Total 2519.

Lowest Voltage: A-Phase -> 120.77 volts on PL.10333, B-Phase -> 120.43 volts on PL.6073, C-Phase -> 121.10 volts on PL.6578. Highest Accumulated Voltage Drop: 5.23 volts on PL.10333, 5.57 volts on PL.6073, 4.90 volts on PL.6578. Highest Element Voltage Drop: 0.71 volts on PL.32887, 0.46 volts on PL.32887, 0.56 volts on PL.32887.