

Unbalanced Voltage Drop Report
Source: MT. STERLING

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.18966	PL.18965	A	1/OACSR	14.97Y	124.7	0.00	1.26	54.13	27	771	249	95	0.03	0.0	3.371	0.007	0	0	0	236
		B		14.99Y	125.0	0.00	1.04	34.42	17	472	209	91					0	0	0	94
		C		15.02Y	125.1	0.00	0.87	36.32	18	521	161	96					0	0	0	168
PL.59	PL.18966	A	1/OACSR	14.96Y	124.7	0.06	1.32	32.51	16	463	149	95	0.19	0.0	3.538	0.167	0	0	0	139
		B		15.00Y	125.0	-0.02	1.02	0.00	0	0	0	100					0	0	0	0
		C		15.01Y	125.1	0.01	0.88	2.79	1	40	13	95					0	0	0	13
012409	PL.59	C	Consumer	15.01Y	125.1	0.00	0.88	0.32	0	5	1	98	0.00	0.0	3.538	0.000	5	1	1	1
012412	PL.59	A	Consumer	14.96Y	124.7	0.00	1.32	0.00	0	0	0	100	0.00	0.0	3.538	0.000	0	0	0	0
PL.18892	PL.59	A	1/OACSR	14.95Y	124.6	0.07	1.39	32.51	16	463	149	95	0.20	0.0	3.716	0.178	0	0	0	139
		B		15.00Y	125.0	-0.03	0.99	0.00	0	0	0	100					0	0	0	0
		C		15.01Y	125.1	0.01	0.89	0.00	0	0	0	100					0	0	0	0
PD.128-A	PL.18892	A	Closed	14.95Y	124.6	0.00	1.39	32.51	0	463	149	95	0.00	0.0	3.716	0.000	0	0	0	139
		B		15.00Y	125.0	0.00	0.99	0.00	0	0	0	100					0	0	0	0
		C		15.01Y	125.1	0.00	0.89	0.00	0	0	0	100					0	0	0	0
PD.128-B	PD.128-A	A	Closed	14.95Y	124.6	0.00	1.39	32.51	0	463	149	95	0.00	0.0	3.716	0.000	0	0	0	139
		B		15.00Y	125.0	0.00	0.99	0.00	0	0	0	100					0	0	0	0
		C		15.01Y	125.1	0.00	0.89	0.00	0	0	0	100					0	0	0	0
PL.18893	PD.128-B	A	1/OACSR	14.95Y	124.6	0.00	1.39	32.51	16	463	149	95	0.01	0.0	3.721	0.005	0	0	0	139
		B		15.00Y	125.0	-0.00	0.99	0.00	0	0	0	100					0	0	0	0
		C		15.01Y	125.1	0.00	0.89	0.00	0	0	0	100					0	0	0	0
PL.28126	PL.18893	A	4ACSR	14.95Y	124.6	0.02	1.41	32.51	27	463	149	95	0.05	0.0	3.743	0.022	0	0	0	139
RG.7	PL.28126	A	1ph-100A-7	15.12Y	126.0	-1.41	-0.00	32.51	33	463	149	95	percent Boost= 1.13 Tap= 1.8						139	
PL.28127	RG.7	A	4ACSR	15.12Y	126.0	0.02	0.02	32.15	27	463	149	95	0.06	0.0	3.768	0.026	0	0	0	139
PD.3343	PL.28127	A	70V4E	15.12Y	126.0	0.00	0.02	32.15	46	463	149	95	0.00	0.0	3.768	0.000	0	0	0	139
PL.18757	PD.3343	A	4ACSR	15.11Y	125.9	0.08	0.10	32.15	27	463	149	95	0.28	0.1	3.882	0.113	0	0	0	139
PL.1288	PL.18757	A	4ACSR	15.11Y	125.9	0.00	0.10	0.45	0	7	2	96	0.00	0.0	4.039	0.157	0	0	0	3
PL.45797	PL.1288	A	4ACSR	15.11Y	125.9	0.00	0.10	0.30	0	4	1	97	0.00	0.0	4.124	0.086	0	0	0	2
0124104	PL.45797	A	Consumer	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	4.124	0.000	0	0	0	0
PL.45798	PL.45797	A	4ACSR	15.11Y	125.9	0.00	0.10	0.30	0	4	1	97	0.00	0.0	4.156	0.032	0	0	0	2
PL.5819	PL.45798	A	4ACSR	15.11Y	125.9	0.00	0.10	0.16	0	2	1	89	0.00	0.0	4.198	0.042	0	0	0	1
012456	PL.5819	A	Consumer	15.11Y	125.9	0.00	0.10	0.16	0	2	1	89	0.00	0.0	4.198	0.000	2	1	1	1
012465	PL.45798	A	Consumer	15.11Y	125.9	0.00	0.10	0.14	0	2	1	89	0.00	0.0	4.156	0.000	2	1	1	1
012453	PL.1288	A	Consumer	15.11Y	125.9	0.00	0.10	0.15	0	2	1	89	0.00	0.0	4.039	0.000	2	1	1	1
PL.20892	PL.18757	A	4ACSR	15.11Y	125.9	0.00	0.10	0.65	1	9	3	95	0.00	0.0	3.890	0.008	0	0	0	3
PD.942	PL.20892	A	fuse6AMP	15.11Y	125.9	0.00	0.10	0.65	11	9	3	95	0.00	0.0	3.890	0.000	0	0	0	3
PL.20893	PD.942	A	4ACSR	15.11Y	125.9	0.00	0.10	0.65	1	9	3	95	0.00	0.0	3.984	0.094	0	0	0	3
PL.15688	PL.20893	A	4ACSR	15.11Y	125.9	0.00	0.10	0.32	0	5	1	98	0.00	0.0	3.987	0.003	0	0	0	2
PL.5582	PL.15688	A	4ACSR	15.11Y	125.9	0.00	0.10	0.32	0	5	1	98	0.00	0.0	4.047	0.060	0	0	0	2
PL.5583	PL.5582	A	4ACSR	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	4.080	0.033	0	0	0	0
PL.23530	PL.5583	A	4ACSR	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	4.142	0.062	0	0	0	0
012411	PL.23530	A	Consumer	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	4.142	0.000	0	0	0	0
PL.1045	PL.5582	A	4ACSR	15.11Y	125.9	0.00	0.10	0.32	0	5	1	98	0.00	0.0	4.105	0.057	0	0	0	1
012446	PL.1045	A	Consumer	15.11Y	125.9	0.00	0.10	0.32	0	5	1	98	0.00	0.0	4.105	0.000	5	1	1	1
012459	PL.5582	A	Consumer	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	4.047	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: REID VILLAGE

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

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri KV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	KW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																KW	KVAR	Cons On	Cons Thru	
PL.28140	PL.14779	A	1/OACSR	7.48Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	1.578	0.026	0	0	0	0
		B		7.55Y	125.8	0.00	0.16	0.00	0	0	0	100					0	0	0	0
		C		7.49Y	124.9	0.00	1.12	0.00	0	0	0	100					0	0	0	0
RG.14	PL.28140	A	1ph-100A-7	7.56Y	126.0	-1.36	0.00	0.00	0	0	0	100	percent Boost= 1.09 Tap= 1.8							0
		B		7.56Y	126.0	-0.16	0.00	0.00	0	0	0	100	percent Boost= 0.12 Tap= 0.2							
		C		7.56Y	126.0	-1.12	0.00	0.00	0	0	0	100	percent Boost= 0.90 Tap= 1.4							
PL.33208	RG.14	A	1/OACSR	7.56Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	1.586	0.008	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.3875-B	PL.33208	A	Open	7.56Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	1.586	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.6738	PL.26413	C	4ACSR	7.49Y	124.9	0.01	1.13	1.87	2	13	6	91	0.00	0.0	1.583	0.059	0	0	0	2
PL.6739	PL.6738	C	4ACSR	7.49Y	124.9	0.00	1.13	1.87	2	13	6	91	0.00	0.0	1.583	0.000	0	0	0	2
436303	PL.6739	C	Consumer	7.49Y	124.9	0.00	1.13	0.75	0	5	2	93	0.00	0.0	1.583	0.000	5	2	1	1
436367	PL.6739	C	Consumer	7.49Y	124.9	0.00	1.13	1.12	0	8	4	89	0.00	0.0	1.583	0.000	8	4	1	1
436370	PL.6737	C	Consumer	7.49Y	124.9	0.00	1.10	1.66	0	11	5	91	0.00	0.0	1.371	0.000	11	5	1	1
PL.17792	PL.14552	B	4ACSR	7.55Y	125.9	0.00	0.14	1.33	1	9	4	91	0.00	0.0	1.110	0.014	0	0	0	3
PD.1009	PL.17792	B	fuse6AMP	7.55Y	125.9	0.00	0.14	1.33	23	9	4	91	0.00	0.0	1.110	0.000	0	0	0	3
PL.17793	PD.1009	B	4ACSR	7.55Y	125.9	0.00	0.14	1.33	1	9	4	91	0.00	0.0	1.151	0.041	0	0	0	3
PL.2705	PL.17793	B	4ACSR	7.55Y	125.9	0.00	0.15	1.01	1	7	3	92	0.00	0.0	1.210	0.059	0	0	0	1
436307	PL.2705	B	Consumer	7.55Y	125.9	0.00	0.15	1.01	0	7	3	92	0.00	0.0	1.210	0.000	7	3	1	1
PL.14554	PL.17793	B	4ACSR	7.55Y	125.9	0.00	0.15	0.32	0	2	1	89	0.00	0.0	1.254	0.103	0	0	0	2
436304	PL.14554	B	Consumer	7.55Y	125.9	0.00	0.15	0.26	0	2	1	89	0.00	0.0	1.254	0.000	2	1	1	1
436373	PL.14554	B	Consumer	7.55Y	125.9	0.00	0.15	0.06	0	0	0	100	0.00	0.0	1.254	0.000	0	0	1	1
P CP.15 P	PL.19859	A	Cap (300)	7.49Y	124.8	0.00	1.19	-14.45	0	0	-108	0	0.00	0.0	0.681	0.000	0	0	0	0
		B		7.55Y	125.8	0.00	0.16	-14.56	0	0	-110	0					0	0	0	0
		C		7.51Y	125.2	0.00	0.83	-14.49	0	0	-109	0					0	0	0	0
PL.42666	PL.7556	B	4ACSR	7.55Y	125.8	0.00	0.17	2.19	2	15	6	93	0.00	0.0	0.669	0.011	0	0	0	1
PD.2858	PL.42666	B	fuse6AMP	7.55Y	125.8	0.00	0.17	2.19	37	15	6	93	0.00	0.0	0.669	0.000	0	0	0	1
PL.27592	PD.2858	B	4ACSR	7.55Y	125.8	0.01	0.17	2.19	2	15	6	93	0.00	0.0	0.728	0.059	0	0	0	1
584902	PL.27592	B	Consumer	7.55Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	0.728	0.000	0	0	0	0
584901	PL.27592	B	Consumer	7.55Y	125.8	0.00	0.17	2.19	0	15	6	93	0.00	0.0	0.728	0.000	15	6	1	1
585703	PL.26510	A	Consumer	7.49Y	124.9	0.00	1.10	0.57	0	4	2	89	0.00	0.0	0.587	0.000	4	2	1	1
585705	PL.26510	C	Consumer	7.51Y	125.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	0.587	0.000	0	0	0	0
PL.20756	PL.26511	A	4ACSR	7.50Y	124.9	0.00	1.05	2.18	2	14	9	84	0.00	0.0	0.574	0.033	0	0	0	0
		B		7.55Y	125.9	0.00	0.15	2.16	2	14	9	85					0	0	0	0
		C		7.52Y	125.3	0.00	0.71	2.17	2	14	9	85					0	0	0	0
584703	PL.20756	A	Consumer	7.50Y	124.9	0.00	1.05	0.00	0	0	0	100	0.00	0.0	0.574	0.000	0	0	0	0
		C		7.52Y	125.3	0.00	0.71	0.00	0	0	0	100					0	0	0	0
584707	PL.20756	A	Consumer	7.50Y	124.9	0.00	1.05	2.18	0	14	9	84	0.00	0.0	0.574	0.000	14	9	0	0
		B		7.55Y	125.9	0.00	0.15	2.16	0	14	9	85					14	9	0	0
		C		7.52Y	125.3	0.00	0.71	2.17	0	14	9	85					14	9	0	0
PL.27630	PL.26508	A	4ACSR	7.50Y	125.0	0.00	1.03	1.93	2	13	6	91	0.00	0.0	0.533	0.007	0	0	0	2
		C		7.52Y	125.3	0.00	0.70	5.33	4	36	17	91					0	0	0	10
PD.2859 C	PL.27630	A	fuse6AMP	7.50Y	125.0	0.00	1.03	1.93	33	13	6	91	0.00	0.0	0.533	0.000	0	0	0	2
		C		7.52Y	125.3	0.00	0.70	5.33	91	36	17	91					0	0	0	10

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-					KW	KVAR	% PF	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR							KW	KVAR		
PL.3275	PL.20444	B	4ACSR	7.22Y	120.3	0.00	5.68	0.00	0	0	0	100	0.00	0.0	5.304	0.148	0	0	0	0	
PL.10193	PL.7153	A B C	6ACWC	7.44Y 7.20Y 7.51Y	124.1 120.1 125.1	-0.00 0.26 0.05	1.93 5.93 0.86	0.70 30.17 13.83	1 26 12	5 204 97	2 78 37	93 93 93	0.45	0.1	5.098	0.176	0	0	0	5 78 54	
PL.10196	PL.10193	C	4ACSR	7.51Y	125.1	0.00	0.86	1.23	1	9	3	95	0.00	0.0	5.125	0.027	0	0	0	3	
PD.1612	PL.10196	C	fuse6AMP	7.51Y	125.1	0.00	0.86	1.23	21	9	3	95	0.00	0.0	5.125	0.000	0	0	0	3	
PL.10197	PD.1612	C	4ACSR	7.51Y	125.1	0.00	0.87	1.23	1	9	3	95	0.00	0.0	5.185	0.060	0	0	0	3	
PL.41313	PL.10197	C	4ACSR	7.51Y	125.1	0.00	0.87	1.22	1	9	3	95	0.00	0.0	5.226	0.041	0	0	0	2	
PL.41312	PL.41313	C	2ACSR	7.51Y	125.1	0.00	0.87	0.52	0	4	1	97	0.00	0.0	5.374	0.148	0	0	0	1	
4822014	PL.41312	C	Consumer	7.51Y	125.1	0.00	0.87	0.52	0	4	1	97	0.00	0.0	5.374	0.000	4	1	1	1	
PL.41314	PL.41313	C	4ACSR	7.51Y	125.1	0.00	0.87	0.70	1	5	2	93	0.00	0.0	5.279	0.053	0	0	0	1	
482212	PL.41314	C	Consumer	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	5.279	0.000	0	0	0	0	
482206	PL.41314	C	Consumer	7.51Y	125.1	0.00	0.87	0.70	0	5	2	93	0.00	0.0	5.279	0.000	5	2	1	1	
482213	PL.10197	C	Consumer	7.51Y	125.1	0.00	0.87	0.01	0	0	0	100	0.00	0.0	5.185	0.000	0	0	1	1	
PL.10194	PL.10193	A B C	6ACWC	7.44Y 7.19Y 7.51Y	124.1 119.9 125.1	0.00 0.20 0.03	1.93 6.13 0.89	0.70 30.17 12.60	1 26 11	5 203 88	2 77 34	93 93 93	0.35	0.1	5.236	0.138	0	0	0	5 78 51	
PL.10195	PL.10194	A B C	6ACWC	7.44Y 7.18Y 7.50Y	124.1 119.7 125.1	0.00 0.16 0.02	1.93 6.30 0.92	0.70 30.17 12.11	1 26 10	5 203 85	2 77 32	93 93 93	0.28	0.1	5.348	0.112	0	0	0	5 78 50	
PL.3277	PL.10195	A	4ACSR	7.44Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	5.446	0.098	0	0	0	1	
481213	PL.3277	A	Consumer	7.44Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	5.446	0.000	0	0	1	1	
PL.10192	PL.10195	A B C	6ACWC	7.44Y 7.17Y 7.50Y	124.1 119.6 125.1	-0.00 0.12 0.02	1.93 6.42 0.94	0.00 30.17 12.11	0 26 10	0 203 85	0 77 32	100 93 93	0.21	0.1	5.431	0.083	0	0	0	1 78 50	
PL.7155	PL.10192	A B C	6ACWC	7.44Y 7.17Y 7.50Y	124.1 119.5 125.1	-0.00 0.05 0.01	1.93 6.47 0.94	0.00 30.17 12.11	0 26 10	0 202 85	0 77 32	100 93 93	0.08	0.0	5.464	0.033	0	0	0	1 78 50	
PL.24932	PL.7155	A B C	6ACWC	7.44Y 7.17Y 7.50Y	124.1 119.5 125.0	-0.00 0.06 0.01	1.93 6.52 0.95	0.00 30.17 12.11	0 26 10	0 202 85	0 77 32	100 93 93	0.10	0.0	5.503	0.039	0	0	0	1 78 50	
471913	PL.24932	C	Consumer	7.50Y	125.0	0.00	0.95	0.04	0	0	0	100	0.00	0.0	5.503	0.000	0	0	1	1	
471904	PL.24932	B	Consumer	7.17Y	119.5	0.00	6.52	0.00	0	0	0	100	0.00	0.0	5.503	0.000	0	0	0	0	
471926	PL.24932	C	Consumer	7.50Y	125.0	0.00	0.95	0.40	0	3	1	95	0.00	0.0	5.503	0.000	3	1	1	1	
PL.24933	PL.24932	A B C	6ACWC	7.44Y 7.17Y 7.50Y	124.1 119.4 125.0	-0.00 0.04 0.00	1.93 6.56 0.96	0.00 30.17 11.67	0 26 10	0 202 82	0 77 31	100 93 93	0.06	0.0	5.528	0.025	0	0	0	1 78 48	
PL.9940	PL.24933	A B C	6ACWC	7.44Y 7.17Y 7.50Y	124.1 119.4 125.0	-0.00 0.01 0.00	1.93 6.57 0.96	0.00 30.17 11.67	0 26 10	0 202 82	0 77 31	100 93 93	0.01	0.0	5.534	0.006	0	0	0	1 78 48	
RG.17	PL.9940	A B C	1ph-100A-7	7.56Y 7.56Y 7.56Y	126.0 126.0 126.0	-1.93 -6.57 -0.96	-0.00 0.00 11.67	0.00 30.17 12	0 30 12	0 202 82	0 77 31	100 93 93	percent Boost= 1.56 Tap= 2.5 percent Boost= 5.50 Tap= 8.8 percent Boost= 0.77 Tap= 1.2							1	
PL.10392	RG.17	A B C	6ACWC	7.56Y 7.55Y 7.56Y	126.0 125.8 126.0	-0.00 0.15 0.02	-0.00 0.15 0.02	0.00 28.60 11.59	0 24 10	0 202 82	0 77 31	100 93 93	0.25	0.1	5.645	0.111	0	0	0	1 78 48	
471909	PL.10392	C	Consumer	7.56Y	126.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	5.645	0.000	0	0	0	0	
471910	PL.10392	C	Consumer	7.56Y	126.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	5.645	0.000	0	0	0	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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		Units Displayed In Volts															-----Element-----			
		-Base Voltage:120.0-																		
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	KW	KVAR	Cons On	Cons Thru
PL.2640	PL.2641	B	4ACSR	15.00Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	4.401	0.215	0	0	0	1
481903	PL.2640	B	Consumer	15.00Y	125.0	0.00	0.97	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	15.06Y	125.5	0.02	0.47	10.11	5	143	53	94	0.09	0.0	4.134	0.288	0	0	0	43
		B		15.00Y	125.0	0.03	1.00	9.17	5	128	49	93					0	0	0	49
		C		15.08Y	125.7	0.04	0.34	12.50	6	179	60	95					0	0	0	63
PL.15442	PL.15445	A	1/0ACSR	15.06Y	125.5	0.00	0.47	10.11	5	143	53	94	0.01	0.0	4.177	0.043	0	0	0	43
		B		15.00Y	125.0	0.00	1.00	9.17	5	128	49	93					0	0	0	49
		C		15.08Y	125.7	0.01	0.35	12.50	6	179	60	95					0	0	0	63
PL.15286	PL.15442	A	4ACSR	15.06Y	125.5	0.00	0.47	0.07	0	1	0	100	0.00	0.0	4.194	0.017	0	0	0	1
PD.1321	PL.15286	A	fuse6AMP	15.06Y	125.5	0.00	0.47	0.07	1	1	0	100	0.00	0.0	4.194	0.000	0	0	0	1
PL.15287	PD.1321	A	4ACSR	15.06Y	125.5	0.00	0.47	0.07	0	1	0	100	0.00	0.0	4.249	0.055	0	0	0	1
429901	PL.15287	A	Consumer	15.06Y	125.5	0.00	0.47	0.07	0	1	0	100	0.00	0.0	4.249	0.000	1	0	1	1
PL.15443	PL.15442	A	1/0ACSR	15.06Y	125.5	0.01	0.48	10.04	5	142	52	94	0.04	0.0	4.309	0.131	0	0	0	42
		B		15.00Y	125.0	0.01	1.01	9.17	5	128	49	93					0	0	0	49
		C		15.08Y	125.6	0.02	0.37	12.50	6	179	60	95					0	0	0	63
PL.15284	PL.15443	B	4ACSR	15.00Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	4.330	0.021	0	0	0	1
PD.1320	PL.15284	B	fuse6AMP	15.00Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	4.330	0.000	0	0	0	1
PL.15285	PD.1320	B	4ACSR	15.00Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	4.379	0.049	0	0	0	1
PL.2643	PL.15285	B	4ACSR	15.00Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	4.703	0.324	0	0	0	1
480904	PL.2643	B	Consumer	15.00Y	125.0	0.00	1.01	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	15.06Y	125.5	0.00	0.49	10.04	5	142	52	94	0.01	0.0	4.347	0.038	0	0	0	42
		B		15.00Y	125.0	0.00	1.01	9.17	5	128	49	93					0	0	0	48
		C		15.08Y	125.6	0.00	0.37	12.50	6	179	60	95					0	0	0	63
RG.13	PL.26640	A	1ph-100A-7	15.12Y	126.0	-0.49	-0.00	10.04	10	142	52	94	percent Boost= 0.39 Tap= 0.6							42
		B		15.12Y	126.0	-1.01	0.00	9.17	9	128	49	93	percent Boost= 0.81 Tap= 1.3							
		C		15.12Y	126.0	-0.37	0.00	12.50	12	179	60	95	percent Boost= 0.30 Tap= 0.5							
PL.23650	RG.13	A	1/0ACSR	15.12Y	126.0	0.00	0.00	10.00	5	142	52	94	0.01	0.0	4.393	0.046	0	0	0	42
		B		15.12Y	126.0	0.00	0.00	9.09	5	128	49	93					0	0	0	48
		C		15.12Y	126.0	0.01	0.01	12.46	6	179	60	95					0	0	0	63
PL.24548	PL.23650	A	1/0ACSR	15.12Y	126.0	0.00	0.01	10.00	5	142	52	94	0.01	0.0	4.438	0.045	0	0	0	42
		B		15.12Y	126.0	0.00	0.01	9.09	5	128	49	93					0	0	0	48
		C		15.12Y	126.0	0.01	0.01	12.46	6	179	60	95					0	0	0	63
429902	PL.24548	B	Consumer	15.12Y	126.0	0.00	0.01	0.37	0	5	2	93	0.00	0.0	4.438	0.000	5	2	1	1
429910	PL.24548	B	Consumer	15.12Y	126.0	0.00	0.01	0.01	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	0.01	10.00	5	142	52	94	0.02	0.0	4.503	0.065	0	0	0	42
		B		15.12Y	126.0	0.01	0.01	8.72	4	123	47	93					0	0	0	46
		C		15.12Y	126.0	0.01	0.02	12.46	6	179	60	95					0	0	0	63
PL.26638	PL.6666	A	1/0ACSR	15.12Y	126.0	0.01	0.02	10.00	5	142	52	94	0.04	0.0	4.630	0.127	0	0	0	42
		B		15.12Y	126.0	0.01	0.02	8.72	4	123	47	93					0	0	0	46
		C		15.12Y	126.0	0.02	0.04	12.21	6	175	58	95					0	0	0	62
PL.2362	PL.26638	B	4ACSR	15.12Y	126.0	0.00	0.02	0.48	0	7	3	92	0.00	0.0	4.748	0.118	0	0	0	1
429914	PL.2362	B	Consumer	15.12Y	126.0	0.00	0.02	0.48	0	7	3	92	0.00	0.0	4.748	0.000	7	3	1	1
PL.2356	PL.26638	B	4ACSR	15.12Y	126.0	0.00	0.02	0.19	0	3	1	95	0.00	0.0	4.772	0.142	0	0	0	1
429908	PL.2356	B	Consumer	15.12Y	126.0	0.00	0.02	0.19	0	3	1	95	0.00	0.0	4.772	0.000	3	1	1	1
429903	PL.26638	B	Consumer	15.12Y	126.0	0.00	0.02	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	0.02	0.00	0	0	0	100	0.00	0.0	4.630	0.000	0	0	1	1

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

Unbalanced Voltage Drop Report
Source: SIDEVIEW

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

		Units Displayed In Volts -Base Voltage:120.0-															-----Element-----			
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	KW	KVAR	Cons On	Cons Thru
PL.19278	PL.19277	A	1/OACSR	15.08Y	125.6	0.01	0.35	7.88	4	112	40	94	0.01	0.0	8.687	0.091	0	0	0	31
		B		15.09Y	125.7	-0.00	0.27	0.36	0	5	2	93					0	0	0	3
		C		15.08Y	125.6	0.01	0.36	5.08	3	72	27	93					0	0	0	27
PL.16039	PL.19278	B	4ACSR	15.09Y	125.7	0.00	0.27	0.33	0	5	2	93	0.00	0.0	8.699	0.013	0	0	0	1
PD.1173	PL.16039	B	fuse6AMP	15.09Y	125.7	0.00	0.27	0.33	6	5	2	93	0.00	0.0	8.699	0.000	0	0	0	1
PL.16040	PD.1173	B	4ACSR	15.09Y	125.7	0.00	0.27	0.33	0	5	2	93	0.00	0.0	8.741	0.041	0	0	0	1
378424	PL.16040	B	Consumer	15.09Y	125.7	0.00	0.27	0.33	0	5	2	93	0.00	0.0	8.741	0.000	5	2	1	1
PL.14419	PL.19278	A	1/OACSR	15.08Y	125.6	0.01	0.36	7.88	4	112	40	94	0.01	0.0	8.758	0.071	0	0	0	31
		B		15.09Y	125.7	-0.00	0.27	0.03	0	0	0	93					0	0	0	2
		C		15.08Y	125.6	0.01	0.37	5.08	3	72	27	93					0	0	0	27
PL.14417	PL.14419	A	1/OACSR	15.08Y	125.6	0.00	0.36	7.88	4	112	40	94	0.00	0.0	8.758	0.001	0	0	0	31
		B		15.09Y	125.7	-0.00	0.27	0.03	0	0	0	93					0	0	0	2
		C		15.08Y	125.6	0.00	0.37	5.08	3	72	27	93					0	0	0	27
PL.22715	PL.14417	A	4ACSR	15.08Y	125.6	0.00	0.36	2.24	2	32	12	94	0.00	0.0	8.773	0.014	0	0	0	5
PD.3088	PL.22715	A	fuse6AMP	15.08Y	125.6	0.00	0.36	2.24	38	32	12	94	0.00	0.0	8.773	0.000	0	0	0	5
PL.22716	PD.3088	A	4ACSR	15.08Y	125.6	0.01	0.37	2.24	2	32	12	94	0.00	0.0	8.964	0.191	0	0	0	5
378425	PL.22716	A	Consumer	15.08Y	125.6	0.00	0.37	1.20	0	17	6	94	0.00	0.0	8.964	0.000	17	6	1	1
PL.14420	PL.22716	A	4ACSR	15.08Y	125.6	0.00	0.37	1.04	1	15	6	93	0.00	0.0	8.999	0.035	0	0	0	4
PL.14421	PL.14420	A	4ACSR	15.08Y	125.6	0.00	0.37	0.76	1	11	4	94	0.00	0.0	9.046	0.047	0	0	0	2
PL.2043	PL.14421	A	4ACSR	15.08Y	125.6	0.00	0.37	0.76	1	11	4	94	0.00	0.0	9.109	0.063	0	0	0	1
378422	PL.2043	A	Consumer	15.08Y	125.6	0.00	0.37	0.76	0	11	4	94	0.00	0.0	9.109	0.000	11	4	1	1
378421	PL.14421	A	Consumer	15.08Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	9.046	0.000	0	0	1	1
PL.2042	PL.14420	A	4ACSR	15.08Y	125.6	0.00	0.37	0.28	0	4	2	89	0.00	0.0	9.043	0.044	0	0	0	2
378405	PL.2042	A	Consumer	15.08Y	125.6	0.00	0.37	0.28	0	4	2	89	0.00	0.0	9.043	0.000	4	2	1	1
378423	PL.2042	A	Consumer	15.08Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	9.043	0.000	0	0	1	1
PL.14418	PL.14417	A	1/OACSR	15.08Y	125.6	0.01	0.37	5.64	3	80	28	94	0.01	0.0	9.005	0.247	0	0	0	26
		B		15.09Y	125.7	-0.00	0.26	0.03	0	0	0	93					0	0	0	2
		C		15.07Y	125.6	0.02	0.38	5.08	3	72	27	93					0	0	0	27
PL.27921	PL.14418	A	1/OACSR	15.08Y	125.6	0.01	0.37	5.64	3	80	28	94	0.01	0.0	9.136	0.131	0	0	0	26
		B		15.09Y	125.7	-0.00	0.26	0.03	0	0	0	93					0	0	0	2
		C		15.07Y	125.6	0.01	0.39	5.08	3	72	27	93					0	0	0	27
RG.9	PL.27921	A	1ph-100A-7	15.12Y	126.0	-0.37	-0.00	5.64	6	80	28	94	percent Boost= 0.30 Tap= 0.5							26
		B		15.12Y	126.0	-0.26	0.00	0.03	0	0	0	93	percent Boost= 0.21 Tap= 0.3							
		C		15.12Y	126.0	-0.39	-0.00	5.08	5	72	27	93	percent Boost= 0.31 Tap= 0.5							
PL.27922	RG.9	A	1/OACSR	15.12Y	126.0	0.02	0.02	5.62	3	80	28	94	0.03	0.0	9.648	0.512	0	0	0	26
		B		15.12Y	126.0	-0.01	-0.01	0.03	0	0	0	93					0	0	0	2
		C		15.12Y	126.0	0.04	0.04	5.07	3	72	27	93					0	0	0	27
PL.21461	PL.27922	C	4ACSR	15.12Y	126.0	0.00	0.04	1.21	1	17	7	92	0.00	0.0	9.665	0.017	0	0	0	8
PD.831	PL.21461	C	fuse6AMP	15.12Y	126.0	0.00	0.04	1.21	21	17	7	92	0.00	0.0	9.665	0.000	0	0	0	8
PL.21462	PD.831	C	4ACSR	15.12Y	126.0	0.00	0.04	1.21	1	17	7	92	0.00	0.0	9.706	0.041	0	0	0	8
PL.21190	PL.21462	C	4ACSR	15.12Y	126.0	0.00	0.04	0.28	0	4	1	97	0.00	0.0	9.729	0.023	0	0	0	3
379405	PL.21190	C	Consumer	15.12Y	126.0	0.00	0.04	0.08	0	1	0	100	0.00	0.0	9.729	0.000	1	0	1	1
379402	PL.21190	C	Consumer	15.12Y	126.0	0.00	0.04	0.19	0	3	1	95	0.00	0.0	9.729	0.000	3	1	1	1
379407	PL.21190	C	Consumer	15.12Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0	9.729	0.000	0	0	1	1
PL.22431	PL.21462	C	4ACSR	15.12Y	126.0	0.00	0.04	0.93	1	13	5	93	0.00	0.0	9.809	0.103	0	0	0	5

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 -Base Voltage:120.0-					% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR						KW	KVAR	Cons On	Cons Thru
PL.36763	PL.22674	C	2ACSR	14.75Y	122.9	0.00	3.08	0.32	0	4	2	89	0.00	0.0	7.483	0.017	0	0	0	2
1117055	PL.36763	C	Consumer	14.75Y	122.9	0.00	3.08	0.00	0	0	0	100	0.00	0.0	7.483	0.000	0	0	1	1
1117054	PL.36763	C	Consumer	14.75Y	122.9	0.00	3.08	0.32	0	4	2	89	0.00	0.0	7.483	0.000	4	2	1	1
PL.22676	PL.22674	C	4ACSR	14.75Y	122.9	0.00	3.08	0.08	0	1	1	71	0.00	0.0	7.563	0.097	0	0	0	1
111747	PL.22676	C	Consumer	14.75Y	122.9	0.00	3.08	0.08	0	1	1	71	0.00	0.0	7.563	0.000	1	1	1	1
PL.22685	PL.10274	C	4ACSR	14.76Y	123.0	0.00	3.00	0.19	0	3	1	95	0.00	0.0	7.089	0.100	0	0	0	2
111732	PL.22685	C	Consumer	14.76Y	123.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	7.089	0.000	0	0	1	1
111719	PL.22685	C	Consumer	14.76Y	123.0	0.00	3.00	0.19	0	3	1	95	0.00	0.0	7.089	0.000	3	1	1	1
111611	PL.17547	C	Consumer	14.77Y	123.1	0.00	2.88	0.05	0	1	0	100	0.00	0.0	6.544	0.000	1	0	1	1
PL.9518	PL.17547	C	4ACSR	14.77Y	123.1	0.00	2.88	0.09	0	1	0	100	0.00	0.0	6.615	0.071	0	0	0	1
PL.21812	PL.9518	C	4ACSR	14.77Y	123.1	0.00	2.88	0.09	0	1	0	100	0.00	0.0	6.627	0.012	0	0	0	1
PL.21813	PL.21812	C	4ACSR	14.77Y	123.1	0.00	2.88	0.09	0	1	0	100	0.00	0.0	6.671	0.045	0	0	0	1
110606	PL.21813	C	Consumer	14.77Y	123.1	0.00	2.88	0.09	0	1	0	100	0.00	0.0	6.671	0.000	1	0	1	1
PL.41078	PL.9518	C	4ACSR	14.77Y	123.1	0.00	2.88	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	14.77Y	123.1	0.00	2.88	0.00	0	0	0	100	0.00	0.0	6.632	0.000	0	0	0	0
PL.21814	PL.22362	C	4ACSR	14.80Y	123.3	0.00	2.70	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	14.80Y	123.3	0.00	2.70	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	14.80Y	123.3	0.00	2.70	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	14.80Y	123.3	0.00	2.70	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	14.80Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	6.319	0.000	0	0	0	0
111601	PL.28317	C	Consumer	14.80Y	123.3	0.00	2.69	0.19	0	3	1	95	0.00	0.0	5.879	0.000	3	1	1	1
PL.28318	PL.9517	C	4ACSR	14.80Y	123.3	0.00	2.68	0.22	0	3	1	95	0.00	0.0	6.032	0.201	0	0	0	1
PL.22695	PL.28318	C	4ACSR	14.80Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	6.187	0.155	0	0	0	0
110608	PL.22695	C	Consumer	14.80Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	6.187	0.000	0	0	0	0
PL.22015	PL.28318	C	4ACSR	14.80Y	123.3	0.00	2.68	0.22	0	3	1	95	0.00	0.0	6.065	0.033	0	0	0	1
110602	PL.22015	C	Consumer	14.80Y	123.3	0.00	2.68	0.22	0	3	1	95	0.00	0.0	6.065	0.000	3	1	1	1
PL.9394	PL.12	A B C	1/0ACSR	15.12Y 15.00Y 14.82Y	126.0 125.0 123.5	0.01 0.01 0.02	0.01 1.03 2.54	10.23 13.29 17.11	5 7 9	145 187 238	53 69 88	94 94 94	0.05 0.05 0.05	0.0	5.397	0.098	0 0 0	0 0 0	0 0 0	33 48 75
PL.9395	PL.9394	A B C	1/0ACSR	15.12Y 14.99Y 14.81Y	126.0 124.9 123.4	0.01 0.03 0.03	0.02 1.05 2.56	9.40 13.29 17.11	5 7 9	134 187 238	48 69 88	94 94 94	0.09 0.09 0.09	0.0	5.571	0.174	0 0 0	0 0 0	0 0 0	27 48 75
PL.5345	PL.9395	A B C	1/0ACSR	15.12Y 14.99Y 14.81Y	126.0 124.9 123.4	0.00 0.01 0.01	0.02 1.06 2.57	9.40 13.02 17.11	5 6 9	134 183 238	48 68 87	94 94 94	0.03 0.03 0.03	0.0	5.627	0.057	0 0 0	0 0 0	0 0 0	27 47 75
PL.9391	PL.5345	A B C	1/0ACSR	15.12Y 14.99Y 14.81Y	126.0 124.9 123.4	0.00 0.00 0.00	0.02 1.06 2.58	9.40 13.02 17.11	5 6 9	134 183 238	48 68 87	94 94 94	0.01 0.01 0.01	0.0	5.649	0.021	0 0 0	0 0 0	0 0 0	27 47 75
PL.9392	PL.9391	A B C	1/0ACSR	15.12Y 14.99Y 14.81Y	126.0 124.9 123.4	0.00 0.01 0.01	0.02 1.07 2.58	9.40 13.02 17.11	5 6 9	134 183 238	48 68 87	94 94 94	0.02 0.02 0.02	0.0	5.686	0.037	0 0 0	0 0 0	0 0 0	27 47 75
PL.30925	PL.9392	A B C	1/0ACSR	15.12Y 14.99Y 14.81Y	126.0 124.9 123.4	0.00 0.00 0.00	0.02 1.07 2.58	9.40 13.02 17.10	5 6 9	134 183 238	48 68 87	94 94 94	0.00 0.00 0.00	0.0	5.690	0.004	0 0 0	0 0 0	0 0 0	27 47 74

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:

Units Displayed In Volts															mi		Element			
-Base Voltage:120.0-															From	Length	Cons			
Element Name	Parent Name	Cnf	Type/ Conductor	Pri KV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	KW Loss	% Loss	Src	(mi)	KW	KVAR	On	Thru
RG.1	PL.30925	A	1ph-100A-1	15.12Y	126.0	-0.02	0.00	9.40	9	134	48	94	percent	Boost= 0.02	Tap= 0.0					27
		B		15.12Y	126.0	-1.07	0.00	13.02	13	183	68	94	percent	Boost= 0.86	Tap= 1.4					
		C		15.12Y	126.0	-2.58	0.00	17.10	17	238	87	94	percent	Boost= 2.09	Tap= 3.4					
PL.35615	RG.1	A	1/OACSR	15.12Y	126.0	0.01	0.01	9.40	5	134	48	94	0.06	0.0	5.822	0.132	0	0	0	27
		B		15.12Y	126.0	0.02	0.02	12.91	6	183	68	94	0	0	0	0	0	0	0	47
		C		15.12Y	126.0	0.02	0.02	16.75	8	238	87	94	0	0	0	0	0	0	0	74
PL.35616	PL.35615	A	1/OACSR	15.12Y	126.0	0.01	0.02	8.70	4	124	45	94	0.08	0.0	6.002	0.180	0	0	0	26
		B		15.11Y	126.0	0.03	0.04	12.91	6	183	68	94	0	0	0	0	0	0	0	47
		C		15.11Y	125.9	0.03	0.05	16.75	8	238	87	94	0	0	0	0	0	0	0	74
PL.199	PL.35616	A	1/OACSR	15.12Y	126.0	0.01	0.02	8.70	4	124	45	94	0.06	0.0	6.144	0.141	0	0	0	26
		B		15.11Y	125.9	0.02	0.06	12.91	6	183	67	94	0	0	0	0	0	0	0	47
		C		15.11Y	125.9	0.02	0.07	16.75	8	238	87	94	0	0	0	0	0	0	0	74
PL.9389	PL.199	A	397ACSR	15.12Y	126.0	0.00	0.03	8.70	2	124	45	94	0.01	0.0	6.294	0.151	0	0	0	26
		B		15.11Y	125.9	0.01	0.07	12.91	3	183	67	94	0	0	0	0	0	0	0	47
		C		15.11Y	125.9	0.00	0.08	11.02	2	156	58	94	0	0	0	0	0	0	0	52
PL.16661	PL.9389	B	4ACSR	15.11Y	125.9	0.00	0.07	0.76	1	11	4	94	0.00	0.0	6.300	0.006	0	0	0	3
PD.2825	PL.16661	B	fuse6AMP	15.11Y	125.9	0.00	0.07	0.76	13	11	4	94	0.00	0.0	6.300	0.000	0	0	0	3
PL.16662	PD.2825	B	4ACSR	15.11Y	125.9	0.00	0.07	0.76	1	11	4	94	0.00	0.0	6.381	0.080	0	0	0	3
537605	PL.16662	B	Consumer	15.11Y	125.9	0.00	0.07	0.15	0	2	1	89	0.00	0.0	6.381	0.000	2	1	1	1
536602	PL.16662	B	Consumer	15.11Y	125.9	0.00	0.07	0.46	0	7	2	96	0.00	0.0	6.381	0.000	7	2	1	1
536601	PL.16662	B	Consumer	15.11Y	125.9	0.00	0.07	0.15	0	2	1	89	0.00	0.0	6.381	0.000	2	1	1	1
537602	PL.9389	A	Consumer	15.12Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	6.294	0.000	0	0	0	0
537604	PL.9389	B	Consumer	15.11Y	125.9	0.00	0.07	0.32	0	5	2	93	0.00	0.0	6.294	0.000	5	2	1	1
PL.16664	PL.9389	C	4ACSR	15.11Y	125.9	0.00	0.08	0.23	0	3	1	95	0.00	0.0	6.298	0.004	0	0	0	1
PD.2823	PL.16664	C	fuse6AMP	15.11Y	125.9	0.00	0.08	0.23	4	3	1	95	0.00	0.0	6.298	0.000	0	0	0	1
PL.16663	PD.2823	C	4ACSR	15.11Y	125.9	0.00	0.08	0.23	0	3	1	95	0.00	0.0	6.353	0.055	0	0	0	1
536701	PL.16663	C	Consumer	15.11Y	125.9	0.00	0.08	0.23	0	3	1	95	0.00	0.0	6.353	0.000	3	1	1	1
536702	PL.16663	C	Consumer	15.11Y	125.9	0.00	0.08	0.00	0	0	0	100	0.00	0.0	6.353	0.000	0	0	0	0
PL.9390	PL.9389	A	397ACSR	15.12Y	126.0	0.00	0.03	8.70	2	124	45	94	0.01	0.0	6.392	0.098	0	0	0	26
		B		15.11Y	125.9	0.01	0.08	11.83	2	168	62	94	0	0	0	0	0	0	0	43
		C		15.11Y	125.9	0.00	0.08	10.80	2	153	57	94	0	0	0	0	0	0	0	51
PL.16668	PL.9390	A	397ACSR	15.12Y	126.0	0.00	0.03	8.70	2	124	45	94	0.00	0.0	6.423	0.031	0	0	0	26
		B		15.11Y	125.9	0.00	0.08	11.83	2	168	62	94	0	0	0	0	0	0	0	42
		C		15.11Y	125.9	0.00	0.08	10.73	2	152	56	94	0	0	0	0	0	0	0	50
PL.26666	PL.26668	C	4ACSR	15.11Y	125.9	0.00	0.08	1.08	1	15	6	93	0.00	0.0	6.427	0.004	0	0	0	5
PD.2824	PL.16666	C	fuse6AMP	15.11Y	125.9	0.00	0.08	1.08	18	15	6	93	0.00	0.0	6.427	0.000	0	0	0	5
PL.16665	PD.2824	C	4ACSR	15.11Y	125.9	0.00	0.08	1.08	1	15	6	93	0.00	0.0	6.458	0.031	0	0	0	5
536604	PL.16665	C	Consumer	15.11Y	125.9	0.00	0.08	0.54	0	8	3	94	0.00	0.0	6.458	0.000	8	3	1	1
535602	PL.16665	C	Consumer	15.11Y	125.9	0.00	0.08	0.00	0	0	0	100	0.00	0.0	6.458	0.000	0	0	0	0
535606	PL.16665	C	Consumer	15.11Y	125.9	0.00	0.08	0.10	0	1	1	71	0.00	0.0	6.458	0.000	1	1	1	1
535605	PL.16665	C	Consumer	15.11Y	125.9	0.00	0.08	0.00	0	0	0	100	0.00	0.0	6.458	0.000	0	0	0	0
PL.19126	PL.16665	C	4ACSR	15.11Y	125.9	0.00	0.08	0.44	0	6	2	95	0.00	0.0	6.492	0.035	0	0	0	3
PL.19125	PL.19126	C	4ACSR	15.11Y	125.9	0.00	0.08	0.35	0	5	2	93	0.00	0.0	6.504	0.011	0	0	0	1
PL.16667	PL.19125	C	4ACSR	15.11Y	125.9	0.00	0.08	0.35	0	5	2	93	0.00	0.0	6.506	0.002	0	0	0	1
535516	PL.16667	C	Consumer	15.11Y	125.9	0.00	0.08	0.00	0	0	0	100	0.00	0.0	6.506	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 -Base Voltage:120.0-					mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru			
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR			% PF	% Loss			% Loss	KW	KVAR
PL.23660	PL.23661	C	4ACSR	15.09Y	125.7	0.00	0.27	1.03	1	15	5	95	0.00	0.0	2.836	0.047	0	0	0	3
PL.23659	PL.23660	C	4ACSR	15.09Y	125.7	0.00	0.27	1.03	1	15	5	95	0.00	0.0	2.910	0.074	0	0	0	3
115848	PL.23659	C	Consumer	15.09Y	125.7	0.00	0.27	0.55	0	8	3	94	0.00	0.0	2.910	0.000	8	3	1	1
PL.23658	PL.23659	C	4ACSR	15.09Y	125.7	0.00	0.27	0.48	0	7	3	92	0.00	0.0	2.961	0.051	0	0	0	2
115849	PL.23658	C	Consumer	15.09Y	125.7	0.00	0.27	0.00	0	0	0	100	0.00	0.0	2.961	0.000	0	0	0	0
115853	PL.23658	C	Consumer	15.09Y	125.7	0.00	0.27	0.47	0	7	2	96	0.00	0.0	2.961	0.000	7	2	1	1
115854	PL.23658	C	Consumer	15.09Y	125.7	0.00	0.27	0.01	0	0	0	100	0.00	0.0	2.961	0.000	0	0	1	1
PL.680	PL.23659	C	4ACSR	15.09Y	125.7	0.00	0.27	0.00	0	0	0	100	0.00	0.0	2.955	0.045	0	0	0	0
PL.23662	PL.680	C	4ACSR	15.09Y	125.7	0.00	0.27	0.00	0	0	0	100	0.00	0.0	3.016	0.061	0	0	0	0
115850	PL.23662	C	Consumer	15.09Y	125.7	0.00	0.27	0.00	0	0	0	100	0.00	0.0	3.016	0.000	0	0	0	0
115842	PL.40774	C	Consumer	15.09Y	125.7	0.00	0.27	0.47	0	7	3	92	0.00	0.0	2.763	0.000	7	3	1	1
PL.40772	PL.40773	C	2ACSR	15.09Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	2.768	0.041	0	0	0	1
1158073	PL.40772	C	Consumer	15.09Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	2.768	0.000	0	0	1	1
PL.25439	PL.18437	A	1/OACSR	15.03Y	125.3	0.00	0.73	7.98	4	112	43	93	0.00	0.0	2.673	0.008	0	0	0	41
		B		14.96Y	124.7	0.00	1.35	8.44	4	118	45	93					0	0	0	25
		C		15.09Y	125.7	0.00	0.26	9.92	5	140	53	94					0	0	0	44
RG.2	PL.25439	A	1ph-100A-7	15.12Y	126.0	-0.73	-0.00	7.98	8	112	43	93	percent Boost= 0.58 Tap= 0.9							41
		B		15.12Y	126.0	-1.35	0.00	8.44	8	118	45	93	percent Boost= 1.08 Tap= 1.7							
		C		15.12Y	126.0	-0.26	-0.00	9.92	10	140	53	94	percent Boost= 0.21 Tap= 0.3							
PL.25437	RG.2	A	1/OACSR	15.12Y	126.0	0.00	0.00	7.93	4	112	43	93	0.01	0.0	2.716	0.043	0	0	0	41
		B		15.12Y	126.0	0.00	0.00	8.35	4	118	45	93					0	0	0	25
		C		15.12Y	126.0	0.00	0.00	9.90	5	140	53	94					0	0	0	44
PL.25438	PL.25437	A	1/OACSR	15.12Y	126.0	0.01	0.01	7.93	4	112	43	93	0.03	0.0	2.875	0.158	0	0	0	41
		B		15.12Y	126.0	0.01	0.02	8.35	4	118	45	93					0	0	0	25
		C		15.12Y	126.0	0.01	0.02	9.55	5	135	51	94					0	0	0	42
115937	PL.25438	B	Consumer	15.12Y	126.0	0.00	0.02	0.49	0	7	3	92	0.00	0.0	2.875	0.000	7	3	1	1
PL.5431	PL.25438	A	1/OACSR	15.12Y	126.0	0.00	0.02	7.93	4	112	42	94	0.01	0.0	2.941	0.066	0	0	0	41
		B		15.12Y	126.0	0.00	0.02	7.86	4	111	42	93					0	0	0	24
		C		15.12Y	126.0	0.01	0.02	9.55	5	135	51	94					0	0	0	42
115928	PL.5431	A	Consumer	15.12Y	126.0	0.00	0.02	0.19	0	3	1	95	0.00	0.0	2.941	0.000	3	1	1	1
PL.19186	PL.5431	A	1/OACSR	15.12Y	126.0	0.00	0.02	7.74	4	109	41	94	0.01	0.0	3.000	0.059	0	0	0	40
		B		15.12Y	126.0	0.00	0.03	7.86	4	111	42	93					0	0	0	24
		C		15.12Y	126.0	0.01	0.03	9.55	5	135	51	94					0	0	0	42
115922	PL.19186	B	Consumer	15.12Y	126.0	0.00	0.03	0.00	0	0	0	100	0.00	0.0	3.000	0.000	0	0	0	0
115936	PL.19186	B	Consumer	15.12Y	126.0	0.00	0.03	0.40	0	6	2	95	0.00	0.0	3.000	0.000	6	2	1	1
PL.19317	PL.19186	A	1/OACSR	15.12Y	126.0	0.00	0.02	7.74	4	109	41	94	0.01	0.0	3.050	0.050	0	0	0	40
		B		15.12Y	126.0	0.00	0.03	7.46	4	105	40	93					0	0	0	23
		C		15.12Y	126.0	0.00	0.04	9.55	5	135	51	94					0	0	0	42
115930	PL.19317	C	Consumer	15.12Y	126.0	0.00	0.04	0.30	0	4	2	89	0.00	0.0	3.050	0.000	4	2	1	1
115926	PL.19317	C	Consumer	15.12Y	126.0	0.00	0.04	0.34	0	5	2	93	0.00	0.0	3.050	0.000	5	2	1	1
115929	PL.19317	C	Consumer	15.12Y	126.0	0.00	0.04	0.03	0	0	0	100	0.00	0.0	3.050	0.000	0	0	1	1
PL.25442	PL.19317	A	1/OACSR	15.12Y	126.0	0.00	0.03	7.74	4	109	41	94	0.01	0.0	3.091	0.041	0	0	0	40
		B		15.12Y	126.0	0.00	0.03	7.46	4	105	40	93					0	0	0	23
		C		15.12Y	126.0	0.00	0.04	8.88	4	126	48	94					0	0	0	39
PL.25443	PL.25442	A	1/OACSR	15.12Y	126.0	0.01	0.04	7.74	4	109	41	94	0.02	0.0	3.226	0.135	0	0	0	40
		B		15.12Y	126.0	0.01	0.04	7.46	4	105	40	93					0	0	0	23
		C		15.11Y	125.9	0.01	0.05	8.80	4	124	47	94					0	0	0	37

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	Length (mi)	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR						KW	KVAR		
PL.43109	PL.9202	A	1/0ACSR	7.54Y	125.7	0.00	0.34	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	0.45	0.00	0	0	0	100					0	0	0	0
		C		7.55Y	125.8	0.00	0.16	0.00	0	0	0	100					0	0	0	0
RG.31	PL.43109	A	1ph-100A-7	7.56Y	126.0	-0.34	0.00	0.00	0	0	0	100	percent Boost= 0.27 Tap= 0.4							0
		B		7.56Y	126.0	-0.45	0.00	0.00	0	0	0	100	percent Boost= 0.36 Tap= 0.6							
		C		7.56Y	126.0	-0.16	-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	125.7	0.00	0.34	0.65	1	4	2	89	0.00	0.0	1.845	0.034	0	0	0	1
476522	PL.2853	A	Consumer	7.54Y	125.7	0.00	0.34	0.65	0	4	2	89	0.00	0.0	1.845	0.000	4	2	1	1
476512	PL.9794	B	Consumer	7.53Y	125.6	0.00	0.42	0.45	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	0.42	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	0.42	0.12	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	0.16	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	0.16	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	0.16	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	0.16	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	125.7	-0.00	0.33	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	0.36	0.00	0	0	0	100					0	0	0	0
		C		7.55Y	125.8	0.00	0.16	1.20	1	8	4	92					0	0	0	2
4765032	PL.3057	C	Consumer	7.55Y	125.8	0.00	0.16	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	0.16	1.18	0	8	4	89	0.00	0.0	1.446	0.000	8	4	1	1
PL.9991	PL.9791	A	4ACSR	7.54Y	125.7	0.00	0.34	1.33	1	9	4	91	0.00	0.0	1.430	0.006	0	0	0	3
PD.1591	PL.9991	A	fuse6AMP	7.54Y	125.7	0.00	0.34	1.33	23	9	4	91	0.00	0.0	1.430	0.000	0	0	0	3
PL.9992	PD.1591	A	4ACSR	7.54Y	125.7	0.00	0.34	1.33	1	9	4	91	0.00	0.0	1.433	0.004	0	0	0	3
PL.3055	PL.9992	A	4ACSR	7.54Y	125.7	0.00	0.34	0.67	1	5	2	93	0.00	0.0	1.533	0.099	0	0	0	2
PL.3054	PL.3055	A	4ACSR	7.54Y	125.7	0.00	0.34	0.67	1	5	2	93	0.00	0.0	1.578	0.046	0	0	0	2
476529	PL.3054	A	Consumer	7.54Y	125.7	0.00	0.34	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	125.7	0.00	0.34	0.67	0	5	2	93	0.00	0.0	1.578	0.000	5	2	1	1
PL.3056	PL.9992	A	4ACSR	7.54Y	125.7	0.00	0.34	0.66	1	5	2	93	0.00	0.0	1.498	0.065	0	0	0	1
476520	PL.3056	A	Consumer	7.54Y	125.7	0.00	0.34	0.66	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	0.33	6.98	6	48	21	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	0.33	6.98	119	48	21	92	0.00	0.0	1.219	0.000	0	0	0	11
PL.9988	PD.1592	A	4ACSR	7.54Y	125.6	0.04	0.36	6.98	6	48	21	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	0.36	3.00	3	21	9	92	0.00	0.0	1.334	0.006	0	0	0	5
PD.1593	PL.9989	A	fuse6AMP	7.54Y	125.6	0.00	0.36	3.00	51	21	9	92	0.00	0.0	1.334	0.000	0	0	0	5
PL.9990	PD.1593	A	4ACSR	7.54Y	125.6	0.01	0.37	3.00	3	21	9	92	0.00	0.0	1.390	0.056	0	0	0	5
PL.3061	PL.9990	A	4ACSR	7.54Y	125.6	0.01	0.38	3.00	3	21	9	92	0.00	0.0	1.436	0.046	0	0	0	5
476437	PL.3061	A	Consumer	7.54Y	125.6	0.00	0.38	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:

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
528203	PL.25082	A	Consumer	7.29Y	121.4	0.00	4.56	0.64	0	4	2	89	0.00	0.0	2.236	0.000	4	2	1	1
PL.8656	PL.8655	A	1/OACSR	7.28Y	121.3	0.14	4.70	82.45	41	566	200	94	1.49	0.1	2.283	0.093	0	0	0	169
		B		7.38Y	123.1	0.12	2.94	75.95	38	527	193	94					0	0	0	122
		C		7.35Y	122.5	0.13	3.54	77.93	39	540	192	94					0	0	0	168
PL.10402	PL.8656	A	1/OACSR	7.26Y	121.1	0.25	4.95	76.37	38	525	182	94	2.77	0.2	2.465	0.182	0	0	0	158
		B		7.37Y	122.8	0.26	3.19	75.95	38	527	193	94					0	0	0	122
		C		7.33Y	122.2	0.26	3.80	77.93	39	540	191	94					0	0	0	168
PL.10403	PL.10402	A	1/OACSR	7.26Y	121.1	0.00	4.95	76.37	38	524	181	95	0.04	0.0	2.468	0.003	0	0	0	158
		B		7.37Y	122.8	0.00	3.20	75.95	38	526	192	94					0	0	0	122
		C		7.33Y	122.2	0.00	3.80	77.93	39	539	190	94					0	0	0	168
525216	PL.10403	C	Consumer	7.33Y	122.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	2.468	0.000	0	0	1	1
PL.3486	PL.10403	C	4ACSR	7.33Y	122.2	0.00	3.80	0.51	0	3	1	95	0.00	0.0	2.506	0.038	0	0	0	1
5262009	PL.3486	C	Consumer	7.33Y	122.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	2.506	0.000	0	0	0	0
526205	PL.3486	C	Consumer	7.33Y	122.2	0.00	3.80	0.51	0	3	1	95	0.00	0.0	2.506	0.000	3	1	1	1
PL.10333	PL.10403	A	1/OACSR	7.26Y	121.0	0.05	4.99	75.17	37	516	178	95	0.51	0.0	2.502	0.034	0	0	0	156
		B		7.37Y	122.8	0.05	3.24	75.95	38	526	192	94					0	0	0	122
		C		7.33Y	122.2	0.05	3.85	77.01	38	533	187	94					0	0	0	165
RG.35	PL.10333	A	1ph-100A-7	7.56Y	126.0	-4.99	-0.00	75.17	75	516	178	95	percent Boost= 4.13 Tap= 6.6							156
		B		7.56Y	126.0	-3.24	0.00	75.95	76	525	192	94	percent Boost= 2.64 Tap= 4.2							
		C		7.56Y	126.0	-3.85	0.00	77.01	77	532	187	94	percent Boost= 3.15 Tap= 5.0							
OH7	RG.35	A	1/OACSR	7.56Y	126.0	0.05	0.05	72.19	36	516	178	95	0.50	0.0	2.538	0.036	0	0	0	156
		B		7.56Y	126.0	0.05	0.05	74.00	37	525	192	94					0	0	0	122
		C		7.56Y	126.0	0.05	0.05	74.66	37	532	187	94					0	0	0	165
525204	OH7	B	Consumer	7.56Y	126.0	0.00	0.05	0.73	0	5	2	93	0.00	0.0	2.538	0.000	5	2	1	1
525210	OH7	B	Consumer	7.56Y	126.0	0.00	0.05	0.57	0	4	2	89	0.00	0.0	2.538	0.000	4	2	1	1
525211	OH7	A	Consumer	7.56Y	126.0	0.00	0.05	4.30	0	29	14	90	0.00	0.0	2.538	0.000	29	14	1	1
		B		7.56Y	126.0	0.00	0.05	4.30	0	29	14	90					29	14	1	1
525214	OH7	B	Consumer	7.56Y	126.0	0.00	0.05	0.61	0	4	2	89	0.00	0.0	2.538	0.000	4	2	1	1
525215	OH7	A	Consumer	7.56Y	126.0	0.00	0.05	0.00	0	0	0	100	0.00	0.0	2.538	0.000	0	0	1	1
		B		7.56Y	126.0	0.00	0.05	0.00	0	0	0	90					0	0	1	1
PL.10334	OH7	A	1/OACSR	7.56Y	125.9	0.03	0.07	67.92	34	487	163	95	0.30	0.0	2.561	0.023	0	0	0	155
		B		7.56Y	125.9	0.03	0.08	67.82	34	483	172	94					0	0	0	118
		C		7.56Y	125.9	0.03	0.08	74.66	37	532	187	94					0	0	0	165
PD.180-A	PL.10334	A	Closed	7.56Y	125.9	0.00	0.07	67.92	0	487	163	95	0.00	0.0	2.561	0.000	0	0	0	155
		B		7.56Y	125.9	0.00	0.08	67.82	0	483	172	94					0	0	0	118
		C		7.56Y	125.9	0.00	0.08	74.66	0	532	187	94					0	0	0	165
PD.180-B	PD.180-A	A	Closed	7.56Y	125.9	0.00	0.07	67.92	0	487	163	95	0.00	0.0	2.561	0.000	0	0	0	155
		B		7.56Y	125.9	0.00	0.08	67.82	0	483	172	94					0	0	0	118
		C		7.56Y	125.9	0.00	0.08	74.66	0	532	187	94					0	0	0	165
PL.30795	PD.180-B	A	1/OACSR	7.55Y	125.9	0.05	0.12	67.92	34	487	163	95	0.52	0.0	2.602	0.041	0	0	0	155
		B		7.55Y	125.9	0.05	0.13	67.82	34	483	172	94					0	0	0	118
		C		7.55Y	125.9	0.06	0.14	74.66	37	532	187	94					0	0	0	165
PL.30796	PL.30795	A	1/OACSR	7.55Y	125.9	0.01	0.13	67.92	34	486	163	95	0.09	0.0	2.610	0.007	0	0	0	155
		B		7.55Y	125.9	0.01	0.14	67.82	34	483	172	94					0	0	0	118
		C		7.55Y	125.8	0.01	0.15	74.66	37	532	187	94					0	0	0	165
PL.9060	PL.30796	A	1/OACSR	7.55Y	125.8	0.07	0.20	67.92	34	486	163	95	0.74	0.1	2.672	0.062	0	0	0	155
		B		7.55Y	125.8	0.07	0.21	60.59	30	432	150	95					0	0	0	104
		C		7.55Y	125.8	0.09	0.24	74.66	37	532	187	94					0	0	0	165
525303	PL.9060	B	Consumer	7.55Y	125.8	0.00	0.21	0.17	0	1	1	71	0.00	0.0	2.672	0.000	1	1	1	1
524305	PL.9060	B	Consumer	7.55Y	125.8	0.00	0.21	0.28	0	2	1	89	0.00	0.0	2.672	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: VAN METER

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					KW	PF	KW Loss	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru
							-Base Accum Drop	Thru % Amps	Thru % Cap	Thru KW	Thru KVAR							KW	KVAR		
PL.3009	PL.9080	C	4ACSR	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	5.025	0.093	0	0	0	0	
PL.9081	PL.9080	A	1/OACSR	7.49Y	124.8	0.01	1.21	8.25	4	57	25	92	0.01	0.0	4.999	0.067	0	0	0	21	
		B		7.54Y	125.7	-0.00	0.29	1.81	1	13	6	92					0	0	0	6	
		C		7.50Y	125.0	0.01	1.05	7.03	3	49	18	94					0	0	0	28	
PL.27923	PL.9081	A	1/OACSR	7.49Y	124.8	0.00	1.22	8.25	4	57	25	92	0.00	0.0	5.014	0.015	0	0	0	21	
		B		7.54Y	125.7	-0.00	0.29	1.81	1	13	6	92					0	0	0	6	
		C		7.50Y	125.0	0.00	1.05	2.19	1	16	4	97					0	0	0	14	
RG.18	PL.27923	A	1ph-100A-7	7.56Y	126.0	-1.22	-0.00	8.25	8	57	25	92	percent Boost= 0.97 Tap= 1.6							21	
		B		7.56Y	126.0	-0.29	0.00	1.81	2	13	6	92	percent Boost= 0.23 Tap= 0.4								
		C		7.56Y	126.0	-1.05	0.00	2.19	2	16	4	97	percent Boost= 0.84 Tap= 1.3								
PL.45389	RG.18	A	1/OACSR	7.56Y	125.9	0.07	0.07	8.17	4	57	25	92	0.03	0.0	5.374	0.361	0	0	0	21	
		B		7.56Y	126.0	-0.01	-0.01	1.81	1	13	6	92					0	0	0	6	
		C		7.56Y	126.0	0.02	0.02	2.17	1	16	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/OACSR	7.55Y	125.9	0.03	0.10	8.17	4	57	25	92	0.01	0.0	5.533	0.158	0	0	0	21	
		B		7.56Y	126.0	-0.00	-0.01	1.81	1	13	6	92					0	0	0	6	
		C		7.56Y	126.0	0.01	0.03	2.17	1	16	4	97					0	0	0	14	
PL.9085	PL.45390	A	4ACSR	7.55Y	125.8	0.11	0.21	8.17	7	57	25	92	0.05	0.1	5.842	0.309	0	0	0	21	
		B		7.56Y	126.0	0.00	-0.01	1.81	2	13	6	92					0	0	0	6	
		C		7.56Y	126.0	0.02	0.05	1.58	1	12	2	99					0	0	0	11	
PL.9086	PL.9085	A	4ACSR	7.55Y	125.8	0.02	0.23	8.17	7	57	25	92	0.01	0.0	5.901	0.059	0	0	0	21	
		B		7.56Y	126.0	0.00	-0.01	1.81	2	13	6	92					0	0	0	6	
		C		7.56Y	125.9	0.00	0.05	1.58	1	12	2	99					0	0	0	11	
PL.27712	PL.9086	C	4ACSR	7.56Y	125.9	0.00	0.05	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	0.05	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	0.05	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	0.05	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	0.05	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	0.05	0.00	0	0	0	100	0.00	0.0	6.091	0.000	0	0	1	1	
PL.9084	PL.9086	A	4ACSR	7.55Y	125.8	0.01	0.24	8.17	7	57	25	92	0.00	0.0	5.919	0.017	0	0	0	21	
		B		7.56Y	126.0	0.00	-0.01	1.81	2	13	6	92					0	0	0	6	
		C		7.56Y	125.9	0.00	0.05	1.58	1	12	2	99					0	0	0	10	
PL.9481	PL.9084	A	4ACSR	7.54Y	125.7	0.01	0.25	8.17	7	57	25	92	0.01	0.0	5.951	0.032	0	0	0	21	
		B		7.56Y	126.0	0.00	-0.01	1.81	2	13	6	92					0	0	0	6	
		C		7.56Y	125.9	0.00	0.06	1.58	1	12	2	99					0	0	0	10	
PD.3535	PL.9481	A	25E	7.54Y	125.7	0.00	0.25	8.17	33	57	25	92	0.00	0.0	5.951	0.000	0	0	0	21	
		B		7.56Y	126.0	0.00	-0.01	1.81	7	13	6	92					0	0	0	6	
		C		7.56Y	125.9	0.00	0.06	1.58	6	12	2	99					0	0	0	10	
PL.9482	PD.3535	A	4ACSR	7.54Y	125.7	0.02	0.27	8.17	7	57	25	92	0.01	0.0	6.007	0.056	0	0	0	21	
		B		7.56Y	126.0	0.00	-0.01	1.81	2	13	6	92					0	0	0	6	
		C		7.56Y	125.9	0.00	0.06	1.58	1	12	2	99					0	0	0	10	
PL.41559	PL.9482	A	4ACSR	7.54Y	125.7	0.03	0.31	8.17	7	57	25	92	0.02	0.0	6.102	0.096	0	0	0	21	
		B		7.56Y	126.0	0.00	-0.01	1.81	2	13	6	92					0	0	0	6	
		C		7.56Y	125.9	0.01	0.07	1.58	1	12	2	99					0	0	0	10	
P PL.41561	PL.41559	C	1/OEPRJCN	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/OEPRJCN	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	