Unbalanced Voltage Drop Report
Source: FRENCHBURG

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.1734	PL.10415	B	4ACSR	15.06Y	125.5	0.00	0.48	0.21	0	3	1	95	0.00	0.0	6.302	0.059	0	0	0	1
030520	PL.1734	B	Consumer	15.06Y	125.5	0.00	0.48	0.21	0	3	1	95	0.00	0.0	6.302	0.000	3	1	1	1
030506	PL.1734	B	Consumer	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	6.302	0.000	0	0	0	0
030613	PL.22731	B	Consumer	15.07Y	125.5	0.00	0.45	0.00	0	0	0	100	0.00	0.0	5.515	0.000	0	0	0	0
030614	PL.22731	B	Consumer	15.07Y	125.5	0.00	0.45	0.19	0	3	1	95	0.00	0.0	5.515	0.000	3	1	1	1
PL.29004	PL.10409	B	4ACSR	15.07Y	125.6	0.00	0.43	0.54	0	7	3	92	0.00	0.0	5.301	0.091	0	0	0	2
030619	PL.29004	B	Consumer	15.07Y	125.6	0.00	0.43	0.19	0	3	1	95	0.00	0.0	5.301	0.000	3	1	1	1
030618	PL.29004	B	Consumer	15.07Y	125.6	0.00	0.43	0.35	0	5	2	93	0.00	0.0	5.301	0.000	5	2	1	1
PL.6271	PL.29004	B	4ACSR	15.07Y	125.6	0.00	0.43	0.00	0	0	0	100	0.00	0.0	5.301	0.001	0	0	0	0
030626	PL.10408	B	Consumer	15.07Y	125.6	0.00	0.42	0.17	0	2	1	89	0.00	0.0	5.102	0.000	2	1	1	1
PL.6269	PL.10407	B	4ACSR	15.07Y	125.6	0.00	0.41	0.40	0	6	2	95	0.00	0.0	4.930	0.018	0	0	0	2
PL.6270	PL.6269	B	4ACSR	15.07Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	5.301	0.371	0	0	0	0
030617	PL.6269	B	Consumer	15.07Y	125.6	0.00	0.41	0.32	0	4	2	89	0.00	0.0	4.930	0.000	4	2	1	1
030609	PL.6269	B	Consumer	15.07Y	125.6	0.00	0.41	0.08	0	1	0	100	0.00	0.0	4.930	0.000	1	0	1	1
PL.27925	PL.10405	A	2ACSR	14.81Y	123.4	0.03	2.59	58.55	38	819	284	94	0.19	0.0	4.267	0.029	0	0	0	563
		B		15.08Y	125.7	0.00	0.35	25.50	16	378	72	98					0	0	0	243
		C		15.04Y	125.3	0.01	0.66	21.11	14	315	42	99					0	0	0	141
RG.10	PL.27925	A	1ph-100A-7	15.12Y	126.0	-2.59	-0.00	58.55	59	819	284	94	percent Boost= 2.10 Tap= 3.4							563
		B		15.12Y	126.0	-0.35	-0.00	25.50	26	378	72	98	percent Boost= 0.28 Tap= 0.4							
		C		15.12Y	126.0	-0.66	-0.00	21.11	21	315	42	99	percent Boost= 0.52 Tap= 0.8							
PL.28123	RG.10	A	2ACSR	15.07Y	125.6	0.41	0.41	57.35	37	819	284	94	2.90	0.2	4.730	0.463	0	0	0	563
		B		15.11Y	125.9	0.08	0.08	25.43	16	378	72	98					0	0	0	243
		C		15.11Y	125.9	0.12	0.12	21.00	13	315	42	99					0	0	0	141
PD.251-A	PL.28123	A	Closed	15.07Y	125.6	0.00	0.41	57.35	0	817	282	95	0.00	0.0	4.730	0.000	0	0	0	563
		B		15.11Y	125.9	0.00	0.08	25.43	0	378	72	98					0	0	0	243
		C		15.11Y	125.9	0.00	0.12	21.00	0	314	42	99					0	0	0	141
PD.251-B	PD.251-A	A	Closed	15.07Y	125.6	0.00	0.41	57.35	0	817	282	95	0.00	0.0	4.730	0.000	0	0	0	563
		B		15.11Y	125.9	0.00	0.08	25.43	0	378	72	98					0	0	0	243
		C		15.11Y	125.9	0.00	0.12	21.00	0	314	42	99					0	0	0	141
PL.16828	PD.251-B	A	2ACSR	15.03Y	125.2	0.35	0.76	57.35	37	817	282	95	2.44	0.2	5.121	0.390	0	0	0	563
		B		15.10Y	125.9	0.07	0.14	25.43	16	378	72	98					0	0	0	243
		C		15.09Y	125.8	0.10	0.23	21.00	13	314	42	99					0	0	0	141
PL.10420	PL.16828	A	2ACSR	15.01Y	125.1	0.13	0.89	57.35	37	815	281	95	0.93	0.1	5.269	0.148	0	0	0	563
		B		15.10Y	125.8	0.03	0.17	25.43	16	377	71	98					0	0	0	243
		C		15.09Y	125.7	0.04	0.27	21.00	13	314	42	99					0	0	0	141
PL.21155	PL.10420	A	4ACSR	15.01Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	5.287	0.018	0	0	0	0
PD.3090	PL.21155	A	fuse6AMP	15.01Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	5.287	0.000	0	0	0	0
PL.21156	PD.3090	A	4ACSR	15.01Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	5.321	0.034	0	0	0	0
031820	PL.21156	A	Consumer	15.01Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	5.321	0.000	0	0	0	0
031819	PL.21156	A	Consumer	15.01Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	5.321	0.000	0	0	0	0
PL.10421	PL.10420	A	1/0ACSR	14.99Y	124.9	0.17	1.06	57.35	29	814	280	95	1.04	0.1	5.528	0.259	0	0	0	563
		B		15.10Y	125.8	0.02	0.19	25.43	13	377	71	98					0	0	0	243
		C		15.08Y	125.7	0.05	0.31	21.00	10	314	42	99					0	0	0	141
PL.16199	PL.10421	A	4ACSR	14.99Y	124.9	0.00	1.06	1.95	2	27	12	91	0.00	0.0	5.537	0.009	0	0	0	28
PD.254-A	PL.16199	A	Closed	14.99Y	124.9	0.00	1.06	1.95	0	27	12	91	0.00	0.0	5.537	0.000	0	0	0	28
PD.254-B	PD.254-A	A	Closed	14.99Y	124.9	0.00	1.06	1.95	0	27	12	91	0.00	0.0	5.537	0.000	0	0	0	28

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

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

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12732	PL.15311	A	1/0ACSR	7.56Y	126.1	-0.02	-0.08	2.44	1	17	7	92	0.14	0.0	0.466	0.105	0	0	0	7
		B		7.55Y	125.8	0.05	0.18	18.55	9	131	51	93					0	0	0	42
		C		7.55Y	125.8	0.07	0.22	32.23	16	221	101	91					0	0	0	48
PL.12733	PL.12732	A	1/0ACSR	7.57Y	126.1	-0.02	-0.10	2.44	1	17	7	92	0.15	0.0	0.578	0.112	0	0	0	7
		B		7.55Y	125.8	0.06	0.24	18.55	9	131	51	93					0	0	0	42
		C		7.54Y	125.7	0.07	0.30	31.75	16	218	100	91					0	0	0	47
PL.12735	PL.12733	A	1/0ACSR	7.57Y	126.1	-0.01	-0.11	2.44	1	17	7	92	0.10	0.0	0.653	0.075	0	0	0	7
		B		7.54Y	125.7	0.04	0.28	18.55	9	130	51	93					0	0	0	42
		C		7.54Y	125.7	0.05	0.35	31.75	16	218	99	91					0	0	0	47
PL.12734	PL.12735	A	1/0ACSR	7.57Y	126.1	-0.01	-0.12	2.44	1	17	7	92	0.09	0.0	0.724	0.071	0	0	0	7
		B		7.54Y	125.7	0.04	0.31	18.55	9	130	51	93					0	0	0	42
		C		7.54Y	125.6	0.05	0.39	31.25	16	214	98	91					0	0	0	45
PL.12736	PL.12734	A	1/0ACSR	7.57Y	126.1	-0.01	-0.13	2.44	1	17	7	92	0.08	0.0	0.789	0.065	0	0	0	7
		B		7.54Y	125.7	0.03	0.35	18.55	9	130	51	93					0	0	0	42
		C		7.53Y	125.6	0.04	0.43	31.25	16	214	98	91					0	0	0	45
PL.12737	PL.12736	A	1/0ACSR	7.57Y	126.1	-0.01	-0.15	2.44	1	17	7	92	0.09	0.0	0.860	0.071	0	0	0	7
		B		7.54Y	125.6	0.03	0.38	17.85	9	125	49	93					0	0	0	41
		C		7.53Y	125.5	0.05	0.48	31.25	16	214	98	91					0	0	0	45
PL.12738	PL.12737	A	1/0ACSR	7.57Y	126.2	-0.02	-0.17	1.54	1	11	4	94	0.13	0.0	0.969	0.109	0	0	0	6
		B		7.53Y	125.6	0.05	0.43	16.14	8	113	44	93					0	0	0	37
		C		7.53Y	125.4	0.07	0.55	31.25	16	214	98	91					0	0	0	45
PL.12553	PL.12738	A	1/0ACSR	7.57Y	126.2	-0.03	-0.20	1.54	1	11	4	94	0.19	0.1	1.157	0.188	0	0	0	6
		B		7.53Y	125.5	0.08	0.51	16.14	8	113	44	93					0	0	0	37
		C		7.52Y	125.3	0.11	0.66	28.15	14	192	89	91					0	0	0	39
PL.12556	PL.12553	A	1/0ACSR	7.57Y	126.2	-0.00	-0.20	1.54	1	11	4	94	0.02	0.0	1.183	0.026	0	0	0	6
		B		7.53Y	125.5	0.01	0.53	16.14	8	113	44	93					0	0	0	37
		C		7.52Y	125.3	0.01	0.68	25.21	13	171	81	90					0	0	0	34
PL.12555	PL.12556	A	1/0ACSR	7.57Y	126.2	-0.01	-0.22	1.54	1	11	4	94	0.06	0.0	1.255	0.072	0	0	0	6
		B		7.53Y	125.4	0.03	0.56	15.36	8	108	42	93					0	0	0	35
		C		7.52Y	125.3	0.04	0.71	25.21	13	171	81	90					0	0	0	34
PL.20080	PL.12555	A	1/0ACSR	7.57Y	126.2	-0.01	-0.23	1.54	1	11	4	94	0.06	0.0	1.322	0.067	0	0	0	6
		B		7.53Y	125.4	0.03	0.58	15.03	7	105	41	93					0	0	0	33
		C		7.52Y	125.3	0.03	0.75	25.21	13	171	81	90					0	0	0	34
PL.20081	PL.20080	A	1/0ACSR	7.57Y	126.2	-0.01	-0.23	1.54	1	11	4	94	0.03	0.0	1.363	0.042	0	0	0	6
		B		7.52Y	125.4	0.02	0.60	14.08	7	99	39	93					0	0	0	30
		C		7.51Y	125.2	0.02	0.77	25.21	13	171	81	90					0	0	0	34
PL.12557	PL.20081	A	1/0ACSR	7.57Y	126.2	-0.01	-0.24	1.54	1	11	4	94	0.06	0.0	1.446	0.083	0	0	0	6
		B		7.52Y	125.4	0.03	0.63	13.72	7	96	38	93					0	0	0	29
		C		7.51Y	125.2	0.04	0.81	24.05	12	163	78	90					0	0	0	31
PL.20083	PL.12557	A	1/0ACSR	7.58Y	126.3	-0.01	-0.25	1.54	1	11	4	94	0.04	0.0	1.499	0.053	0	0	0	6
		B		7.52Y	125.3	0.02	0.65	13.72	7	96	38	93					0	0	0	29
		C		7.51Y	125.2	0.03	0.84	24.05	12	163	78	90					0	0	0	31
PL.20082	PL.20083	A	1/0ACSR	7.58Y	126.3	-0.01	-0.27	1.54	1	11	4	94	0.07	0.0	1.594	0.095	0	0	0	6
		B		7.52Y	125.3	0.03	0.69	13.30	7	93	36	93					0	0	0	27
		C		7.51Y	125.1	0.05	0.89	24.05	12	163	78	90					0	0	0	31
RG.25	PL.20082	A	1ph-100A-7	7.56Y	126.0	0.27	0.00	1.54	2	11	4	94	percent Boost=-0.21 Tap=-0.3							6
		B		7.56Y	126.0	-0.69	-0.00	13.30	13	93	36	93	percent Boost= 0.55 Tap= 0.9							
		C		7.56Y	126.0	-0.89	-0.00	24.05	24	163	78	90	percent Boost= 0.71 Tap= 1.1							
PL.15392	RG.25	A	1/0ACSR	7.56Y	126.0	-0.04	-0.04	1.54	1	11	4	94	0.20	0.1	1.871	0.277	0	0	0	6
		B		7.55Y	125.9	0.10	0.10	13.23	7	93	36	93					0	0	0	27
		C		7.55Y	125.9	0.14	0.14	23.88	12	163	78	90					0	0	0	31
PD.2125	PL.15392	A	fuse6AMP	7.56Y	126.0	0.00	-0.04	1.54	26	11	4	94	0.00	0.0	1.871	0.000	0	0	0	6
C		B		7.55Y	125.9	0.00	0.10	13.23	226	93	36	93					0	0	0	27 C
C		C		7.55Y	125.9	0.00	0.14	23.88	408	163	77	90					0	0	0	31 C
PL.15391	PD.2125	A	1/0ACSR	7.56Y	126.0	-0.00	-0.04	1.54	1	11	4	94	0.00	0.0	1.877	0.006	0	0	0	6
		B		7.55Y	125.9	0.00	0.10	13.23	7	93	36	93					0	0	0	27
		C		7.55Y	125.9	0.00	0.14	23.88	12	163	77	90					0	0	0	31

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

Unbalanced Voltage Drop Report
Source: HIGH ROCK

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
HIGH ROCK		A	HIGH ROCK	7.56Y	126.0	0.00	0.00	72.32	0	508	201	93	0.00	0.0	0.000	0.000	0	0	0	206	
		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.28959	HIGH ROCK	A	1/0ACSR	7.56Y	126.0	0.01	0.01	72.32	36	508	201	93	0.02	0.0	0.004	0.004	0	0	0	206	
PL.32944	PL.28959	A	1/0ACSR	7.56Y	126.0	0.01	0.01	72.32	36	508	201	93	0.02	0.0	0.007	0.004	0	0	0	206	
---------- Feeder No. 1 (HIGHROCK1) Beginning with Device PD.3933 ----------																					
C PD.3933	PL.32944	A	70E	7.56Y	126.0	0.00	0.01	72.32	103	508	201	93	0.00	0.0	0.007	0.000	0	0	0	206	C
PL.32945	PD.3933	A	1/0ACSR	7.56Y	125.9	0.04	0.05	72.32	36	508	201	93	0.12	0.0	0.028	0.021	0	0	0	206	
PL.46110	PL.32945	A	1/0ACSR	7.56Y	125.9	0.02	0.07	72.32	36	508	201	93	0.05	0.0	0.037	0.009	0	0	0	206	
RG.28	PL.46110	A	1ph-100A-7	7.56Y	126.0	-0.07	-0.00	72.32	72	508	201	93	percent Boost= 0.05 Tap= 0.1							206	
PL.46111	RG.28	A	1/0ACSR	7.56Y	125.9	0.07	0.07	72.28	36	508	201	93	0.21	0.0	0.074	0.037	0	0	0	206	
PL.28129	PL.46111	A	4ACSR	7.56Y	125.9	0.02	0.08	36.72	31	258	102	93	0.03	0.0	0.084	0.009	0	0	0	92	
PL.28130	PL.28129	A	1/0ACSR	7.55Y	125.9	0.06	0.15	36.72	18	258	102	93	0.10	0.0	0.151	0.068	0	0	0	92	
PL.16321	PL.28130	A	1/0ACSR	7.55Y	125.8	0.05	0.19	36.72	18	258	102	93	0.07	0.0	0.202	0.051	0	0	0	92	
PD.3458	PL.16321	A	0VXE	7.55Y	125.8	0.00	0.19	36.72	0	258	101	93	0.00	0.0	0.202	0.000	0	0	0	92	
PL.16322	PD.3458	A	2ACSR	7.55Y	125.8	0.05	0.25	36.72	24	258	101	93	0.10	0.0	0.247	0.045	0	0	0	92	
PL.16324	PL.16322	A	4ACSR	7.55Y	125.8	0.00	0.25	0.60	1	4	2	89	0.00	0.0	0.254	0.007	0	0	0	1	
PD.2048	PL.16324	A	fuse6AMP	7.55Y	125.8	0.00	0.25	0.60	10	4	2	89	0.00	0.0	0.254	0.000	0	0	0	1	
PL.16325	PD.2048	A	4ACSR	7.55Y	125.8	0.00	0.25	0.60	1	4	2	89	0.00	0.0	0.314	0.060	0	0	0	1	
085605	PL.16325	A	Consumer	7.55Y	125.8	0.00	0.25	0.60	0	4	2	89	0.00	0.0	0.314	0.000	4	2	1	1	
PL.16323	PL.16322	A	2ACSR	7.54Y	125.6	0.12	0.37	36.12	23	254	100	93	0.21	0.1	0.348	0.101	0	0	0	91	
PL.16326	PL.16323	A	2ACSR	7.52Y	125.3	0.30	0.67	35.50	23	249	98	93	0.52	0.2	0.606	0.258	0	0	0	90	
PL.5216	PL.16326	A	4ACSR	7.52Y	125.3	0.00	0.67	0.27	0	2	1	89	0.00	0.0	0.765	0.159	0	0	0	1	
085628	PL.5216	A	Consumer	7.52Y	125.3	0.00	0.67	0.27	0	2	1	89	0.00	0.0	0.765	0.000	2	1	1	1	
PL.27725	PL.16326	A	2ACSR	7.51Y	125.2	0.14	0.81	35.23	23	247	97	93	0.24	0.1	0.728	0.122	0	0	0	89	
PD.748-A	PL.27725	A	Closed	7.51Y	125.2	0.00	0.81	35.23	0	246	96	93	0.00	0.0	0.728	0.000	0	0	0	89	
PD.748-B	PD.748-A	A	Closed	7.51Y	125.2	0.00	0.81	35.23	0	246	96	93	0.00	0.0	0.728	0.000	0	0	0	89	
PL.27726	PD.748-B	A	4ACSR	7.51Y	125.2	0.01	0.83	35.23	30	246	96	93	0.02	0.0	0.735	0.007	0	0	0	89	
PL.17477	PL.27726	A	4ACSR	7.51Y	125.2	0.01	0.84	35.23	30	246	96	93	0.02	0.0	0.742	0.007	0	0	0	88	
PL.18809	PL.17477	A	4ACSR	7.51Y	125.1	0.02	0.86	35.23	30	246	96	93	0.04	0.0	0.754	0.012	0	0	0	88	
PD.749-A	PL.18809	A	Closed	7.51Y	125.1	0.00	0.86	35.23	0	246	96	93	0.00	0.0	0.754	0.000	0	0	0	88	
PD.749-B	PD.749-A	A	Closed	7.51Y	125.1	0.00	0.86	35.23	0	246	96	93	0.00	0.0	0.754	0.000	0	0	0	88	
PL.18810	PD.749-B	A	4ACSR	7.50Y	125.1	0.09	0.95	35.23	30	246	96	93	0.16	0.1	0.809	0.055	0	0	0	88	
PL.14198	PL.18810	A	4ACSR	7.50Y	125.0	0.09	1.03	34.58	29	242	95	93	0.16	0.1	0.864	0.055	0	0	0	87	
PL.8465	PL.14198	A	4ACSR	7.50Y	124.9	0.03	1.06	34.57	29	241	94	93	0.06	0.0	0.884	0.020	0	0	0	86	
086629	PL.8465	A	Consumer	7.50Y	124.9	0.00	1.06	0.87	0	6	2	95	0.00	0.0	0.884	0.000	6	2	1	1	
086633	PL.8465	A	Consumer	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	0.884	0.000	0	0	0	0	
086624	PL.8465	A	Consumer	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	0.884	0.000	0	0	0	0	
PL.26846	PL.8465	A	4ACSR	7.50Y	124.9	0.00	1.06	0.71	1	5	2	93	0.00	0.0	0.896	0.012	0	0	0	1	

Unbalanced Voltage Drop Report
Source: HUNT

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru kW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
054507	PL.16597	A	Consumer	14.70Y	122.5	0.00	3.46	0.12	0	2	1	89	0.00	0.0	7.327	0.000	2	1	1	1
PL.16598	PL.9933	C	4ACSR	14.83Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	7.098	0.037	0	0	0	0
PD.1860	PL.16598	C	fuse6AMP	14.83Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	7.098	0.000	0	0	0	0
PL.16599	PD.1860	C	4ACSR	14.83Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	7.167	0.069	0	0	0	0
PL.24195	PL.16599	C	4ACSR	14.83Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	7.259	0.092	0	0	0	0
054510	PL.24195	C	Consumer	14.83Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	7.259	0.000	0	0	0	0
PL.9931	PL.9933	A	4ACSR	14.66Y	122.2	0.38	3.84	39.79	33	576	100	99	4.54	0.3	7.555	0.495	0	0	0	155
		B		14.79Y	123.3	0.33	2.72	37.27	31	549	61	99					0	0	0	132
		C		14.79Y	123.2	0.33	2.76	35.99	30	529	69	99					0	0	0	156
PL.16158	PL.9931	A	4ACSR	14.66Y	122.2	0.00	3.85	39.79	33	575	99	99	0.05	0.0	7.561	0.005	0	0	0	155
		B		14.79Y	123.3	0.00	2.72	37.27	31	548	60	99					0	0	0	132
		C		14.79Y	123.2	0.00	2.77	35.99	30	528	69	99					0	0	0	156
PD.3732	PL.16158	A	VWVE	14.66Y	122.2	0.00	3.85	39.79	0	575	99	99	0.00	0.0	7.561	0.000	0	0	0	155
		B		14.79Y	123.3	0.00	2.72	37.27	0	548	60	99					0	0	0	132
		C		14.79Y	123.2	0.00	2.77	35.99	0	528	69	99					0	0	0	156
PL.16159	PD.3732	A	4ACSR	14.65Y	122.1	0.03	3.88	39.79	33	575	99	99	0.36	0.0	7.600	0.039	0	0	0	155
		B		14.79Y	123.3	0.03	2.75	37.27	31	548	60	99					0	0	0	132
		C		14.78Y	123.2	0.03	2.79	35.99	30	528	69	99					0	0	0	156
RG.21	PL.16159	A	1ph-100A-7	15.12Y	126.0	-3.88	0.00	39.79	40	575	99	99	percent Boost= 3.17 Tap= 5.1							155
		B		15.12Y	126.0	-2.75	-0.00	37.27	37	548	60	99	percent Boost= 2.23 Tap= 3.6							
		C		15.12Y	126.0	-2.79	0.00	35.99	36	528	69	99	percent Boost= 2.27 Tap= 3.6							
PL.36550	RG.21	A	4ACSR	15.12Y	126.0	0.03	0.03	38.56	32	575	99	99	0.33	0.0	7.638	0.038	0	0	0	155
		B		15.12Y	126.0	0.02	0.02	36.45	31	548	60	99					0	0	0	132
		C		15.12Y	126.0	0.02	0.02	35.19	30	528	69	99					0	0	0	156
PL.36549	PL.36550	A	2ACSR	15.12Y	126.0	0.00	0.03	0.25	0	4	1	97	0.00	0.0	7.654	0.016	0	0	0	1
PL.36553	PL.36549	A	1/0EPRJCN	15.12Y	126.0	0.00	0.03	0.25	0	4	1	97	0.00	0.0	7.681	0.027	0	0	0	1
0535008	PL.36553	A	Consumer	15.12Y	126.0	0.00	0.03	0.25	0	4	1	97	0.00	0.0	7.681	0.000	4	1	1	1
PL.36551	PL.36550	A	4ACSR	15.11Y	125.9	0.05	0.07	38.32	32	571	98	99	0.54	0.0	7.700	0.063	0	0	0	154
		B		15.11Y	125.9	0.04	0.07	36.45	31	548	60	99					0	0	0	132
		C		15.11Y	125.9	0.04	0.07	35.19	30	527	69	99					0	0	0	156
PL.27176	PL.36551	C	4ACSR	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	7.736	0.035	0	0	0	2
PD.1857	PL.27176	C	fuse6AMP	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	7.736	0.000	0	0	0	2
PL.36554	PD.1857	C	4ACSR	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	7.765	0.029	0	0	0	2
PL.36555	PL.36554	C	4ACSR	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	7.981	0.216	0	0	0	1
PL.9934	PL.36555	C	4ACSR	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	8.126	0.145	0	0	0	0
PL.9935	PL.9934	C	4ACSR	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	8.394	0.268	0	0	0	0
PL.24197	PL.9935	C	4ACSR	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	8.474	0.080	0	0	0	0
PL.9936	PL.9935	C	4ACSR	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	8.524	0.130	0	0	0	0
PL.24196	PL.9936	C	4ACSR	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	8.660	0.136	0	0	0	0
PL.9937	PL.9936	C	4ACSR	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	8.969	0.445	0	0	0	0
PL.24198	PL.36555	C	4ACSR	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	8.036	0.055	0	0	0	1
054511	PL.24198	C	Consumer	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	8.036	0.000	0	0	1	1
0535009	PL.36554	C	Consumer	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	7.765	0.000	0	0	1	1
PL.9938	PL.36551	A	4ACSR	15.07Y	125.6	0.33	0.40	38.32	32	571	98	99	3.80	0.2	8.138	0.438	0	0	0	154
		B		15.08Y	125.6	0.29	0.36	36.45	31	548	60	99					0	0	0	132
		C		15.08Y	125.7	0.28	0.35	35.19	30	527	69	99					0	0	0	154

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: HUNT

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8059	PL.8056	C	4ACSR	7.48Y	124.6	0.00	1.37	26.00	22	184	62	95	0.00	0.0	2.127	0.003	0	0	0	71
PL.20618	PL.8059	C	4ACSR	7.47Y	124.6	0.05	1.42	25.81	22	183	62	95	0.07	0.0	2.169	0.043	0	0	0	70
RG.23	PL.20618	C	1ph-100A-7	7.47Y	124.6	0.00	1.42	25.81	26	183	62	95	percent Boost= 0.00 Tap= 0.0							70
PL.20619	RG.23	C	4ACSR	7.47Y	124.5	0.05	1.47	25.81	22	183	62	95	0.07	0.0	2.212	0.042	0	0	0	70
PL.4462	PL.20619	C	4ACSR	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.245	0.033	0	0	0	0
PL.23569	PL.4462	C	4ACSR	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.402	0.157	0	0	0	0
068405	PL.23569	C	Consumer	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.402	0.000	0	0	0	0
PL.16509	PL.20619	C	4ACSR	7.47Y	124.5	0.00	1.47	0.67	1	5	2	93	0.00	0.0	2.228	0.016	0	0	0	1
PD.2480-A	PL.16509	C	Closed	7.47Y	124.5	0.00	1.47	0.67	0	5	2	93	0.00	0.0	2.228	0.000	0	0	0	1
PD.2480-B	PD.2480-A	C	Closed	7.47Y	124.5	0.00	1.47	0.67	0	5	2	93	0.00	0.0	2.228	0.000	0	0	0	1
PL.16510	PD.2480-B	C	4ACSR	7.47Y	124.5	0.00	1.48	0.67	1	5	2	93	0.00	0.0	2.268	0.040	0	0	0	1
PL.23568	PL.16510	C	4ACSR	7.47Y	124.5	0.00	1.48	0.67	1	5	2	93	0.00	0.0	2.273	0.006	0	0	0	1
068401	PL.23568	C	Consumer	7.47Y	124.5	0.00	1.48	0.67	0	5	2	93	0.00	0.0	2.273	0.000	5	2	1	1
PL.20330	PL.20619	C	4ACSR	7.47Y	124.5	0.07	1.54	25.13	21	178	60	95	0.09	0.1	2.272	0.061	0	0	0	69
PD.3616	PL.20330	C	35L	7.47Y	124.5	0.00	1.54	25.13	72	178	60	95	0.00	0.0	2.272	0.000	0	0	0	69
PL.20331	PD.3616	C	4ACSR	7.47Y	124.4	0.01	1.55	25.13	21	178	60	95	0.01	0.0	2.279	0.007	0	0	0	69
PL.20328	PL.20331	C	4ACSR	7.47Y	124.4	0.01	1.56	25.13	21	178	60	95	0.01	0.0	2.285	0.006	0	0	0	69
PL.20329	PL.20328	C	4ACSR	7.45Y	124.2	0.22	1.78	25.13	21	178	60	95	0.29	0.2	2.479	0.194	0	0	0	69
PL.9575	PL.20329	C	4ACSR	7.44Y	124.0	0.26	2.04	24.57	21	174	58	95	0.34	0.2	2.715	0.236	0	0	0	67
PL.9576	PL.9575	C	4ACSR	7.43Y	123.8	0.16	2.20	24.57	21	173	58	95	0.21	0.1	2.859	0.144	0	0	0	67
PL.23570	PL.9576	C	4ACSR	7.43Y	123.8	0.00	2.21	1.01	1	7	2	96	0.00	0.0	2.967	0.107	0	0	0	2
067431	PL.23570	C	Consumer	7.43Y	123.8	0.00	2.21	0.00	0	0	0	100	0.00	0.0	2.967	0.000	0	0	0	0
067402	PL.23570	C	Consumer	7.43Y	123.8	0.00	2.21	0.92	0	7	2	96	0.00	0.0	2.967	0.000	7	2	1	1
067418	PL.23570	C	Consumer	7.43Y	123.8	0.00	2.21	0.09	0	1	0	100	0.00	0.0	2.967	0.000	1	0	1	1
PL.16537	PL.9576	C	4ACSR	7.42Y	123.6	0.21	2.41	23.55	20	166	56	95	0.26	0.2	3.056	0.197	0	0	0	65
PL.16538	PL.16537	C	4ACSR	7.41Y	123.5	0.09	2.51	23.55	20	166	56	95	0.11	0.1	3.142	0.086	0	0	0	65
067411	PL.16538	C	Consumer	7.41Y	123.5	0.00	2.51	0.00	0	0	0	100	0.00	0.0	3.142	0.000	0	0	0	0
PL.18165	PL.16538	C	4ACSR	7.41Y	123.5	0.00	2.51	4.13	3	29	10	95	0.00	0.0	3.168	0.025	0	0	0	12
PD.198-A	PL.18165	C	Closed	7.41Y	123.5	0.00	2.51	4.13	0	29	10	95	0.00	0.0	3.168	0.000	0	0	0	12
PD.198-B	PD.198-A	C	Closed	7.41Y	123.5	0.00	2.51	4.13	0	29	10	95	0.00	0.0	3.168	0.000	0	0	0	12
PL.18166	PD.198-B	C	4ACSR	7.41Y	123.5	0.02	2.53	4.13	3	29	10	95	0.00	0.0	3.273	0.105	0	0	0	12
067415	PL.18166	C	Consumer	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	3.273	0.000	0	0	1	1
PL.9579	PL.18166	C	4ACSR	7.41Y	123.4	0.04	2.58	4.13	3	29	10	95	0.01	0.0	3.511	0.238	0	0	0	11
PL.27129	PL.9579	C	4ACSR	7.40Y	123.4	0.01	2.59	2.39	2	17	6	94	0.00	0.0	3.604	0.093	0	0	0	8
PD.197-A	PL.27129	C	Closed	7.40Y	123.4	0.00	2.59	2.39	0	17	6	94	0.00	0.0	3.604	0.000	0	0	0	8
PD.197-B	PD.197-A	C	Closed	7.40Y	123.4	0.00	2.59	2.39	0	17	6	94	0.00	0.0	3.604	0.000	0	0	0	8
PL.27130	PD.197-B	C	4ACSR	7.40Y	123.4	0.01	2.59	2.39	2	17	6	94	0.00	0.0	3.656	0.052	0	0	0	8
PD.3617	PL.27130	C	25E	7.40Y	123.4	0.00	2.59	2.39	10	17	6	94	0.00	0.0	3.656	0.000	0	0	0	8

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

Unbalanced Voltage Drop Report
Source: HUNT

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PD.101-A	PL.20277	A	Closed	14.90Y	124.1	0.00	1.87	37.06	0	524	175	95	0.00	0.0	7.275	0.000	0	0	0	175
		B		14.82Y	123.5	0.00	2.47	32.74	0	460	154	95					0	0	0	119
		C		14.60Y	121.6	0.00	4.37	42.73	0	591	198	95					0	0	0	192
PD.101-B	PD.101-A	A	Closed	14.90Y	124.1	0.00	1.87	37.06	0	524	175	95	0.00	0.0	7.275	0.000	0	0	0	175
		B		14.82Y	123.5	0.00	2.47	32.74	0	460	154	95					0	0	0	119
		C		14.60Y	121.6	0.00	4.37	42.73	0	591	198	95					0	0	0	192
PL.27167	PD.101-B	A	1/0ACSR	14.89Y	124.1	0.02	1.89	37.06	18	524	175	95	0.19	0.0	7.327	0.052	0	0	0	175
		B		14.82Y	123.5	0.01	2.49	32.74	16	460	154	95					0	0	0	119
		C		14.59Y	121.6	0.02	4.39	42.73	21	591	198	95					0	0	0	192
PL.8811	PL.27167	A	1/0ACSR	14.89Y	124.1	0.02	1.91	36.61	18	517	172	95	0.27	0.0	7.399	0.073	0	0	0	174
		B		14.82Y	123.5	0.02	2.51	32.74	16	460	154	95					0	0	0	119
		C		14.59Y	121.6	0.03	4.42	42.73	21	591	198	95					0	0	0	192
PL.27168	PL.8811	C	4ACSR	14.59Y	121.6	0.00	4.42	0.60	1	8	3	94	0.00	0.0	7.409	0.010	0	0	0	1
PD.904	PL.27168	C	fuse6AMP	14.59Y	121.6	0.00	4.42	0.60	10	8	3	94	0.00	0.0	7.409	0.000	0	0	0	1
PL.27169	PD.904	C	4ACSR	14.59Y	121.6	0.00	4.42	0.60	1	8	3	94	0.00	0.0	7.545	0.136	0	0	0	1
124318	PL.27169	C	Consumer	14.59Y	121.6	0.00	4.42	0.60	0	8	3	94	0.00	0.0	7.545	0.000	8	3	1	1
PL.16748	PL.8811	C	4ACSR	14.59Y	121.6	0.00	4.42	0.00	0	0	0	100	0.00	0.0	7.411	0.012	0	0	0	0
PD.902	PL.16748	C	fuse6AMP	14.59Y	121.6	0.00	4.42	0.00	0	0	0	100	0.00	0.0	7.411	0.000	0	0	0	0
PL.16749	PD.902	C	4ACSR	14.59Y	121.6	0.00	4.42	0.00	0	0	0	100	0.00	0.0	7.509	0.099	0	0	0	0
PL.902	PL.16749	C	4ACSR	14.59Y	121.6	0.00	4.42	0.00	0	0	0	100	0.00	0.0	7.517	0.008	0	0	0	0
PL.8812	PL.8811	A	1/0ACSR	14.89Y	124.1	0.01	1.92	36.61	18	517	172	95	0.11	0.0	7.429	0.030	0	0	0	174
		B		14.82Y	123.5	0.01	2.52	32.74	16	460	154	95					0	0	0	119
		C		14.59Y	121.6	0.01	4.43	42.13	21	583	195	95					0	0	0	191
PL.5651	PL.8812	A	1/0ACSR	14.89Y	124.1	0.03	1.95	36.61	18	517	172	95	0.31	0.0	7.516	0.087	0	0	0	174
		B		14.81Y	123.5	0.03	2.54	32.74	16	460	154	95					0	0	0	119
		C		14.58Y	121.5	0.04	4.47	42.13	21	583	195	95					0	0	0	191
PL.16750	PL.5651	C	4ACSR	14.58Y	121.5	0.00	4.47	0.49	0	7	2	96	0.00	0.0	7.527	0.012	0	0	0	1
PD.910	PL.16750	C	fuse6AMP	14.58Y	121.5	0.00	4.47	0.49	8	7	2	96	0.00	0.0	7.527	0.000	0	0	0	1
PL.16751	PD.910	C	4ACSR	14.58Y	121.5	0.00	4.47	0.49	0	7	2	96	0.00	0.0	7.588	0.060	0	0	0	1
125307	PL.16751	C	Consumer	14.58Y	121.5	0.00	4.47	0.49	0	7	2	96	0.00	0.0	7.588	0.000	7	2	1	1
PL.5652	PL.5651	A	1/0ACSR	14.88Y	124.0	0.02	1.97	36.61	18	517	172	95	0.28	0.0	7.594	0.079	0	0	0	174
		B		14.81Y	123.4	0.02	2.57	32.57	16	458	153	95					0	0	0	117
		C		14.58Y	121.5	0.03	4.50	41.64	21	576	192	95					0	0	0	190
125303	PL.5652	C	Consumer	14.58Y	121.5	0.00	4.50	0.51	0	7	2	96	0.00	0.0	7.594	0.000	7	2	1	1
PL.5653	PL.5652	A	1/0ACSR	14.88Y	124.0	0.01	1.98	36.61	18	517	172	95	0.17	0.0	7.643	0.049	0	0	0	174
		B		14.81Y	123.4	0.01	2.58	32.57	16	457	153	95					0	0	0	117
		C		14.58Y	121.5	0.02	4.52	41.13	20	569	190	95					0	0	0	189
PL.53	PL.5653	A	1/0ACSR	14.88Y	124.0	0.01	1.99	36.61	18	517	172	95	0.08	0.0	7.666	0.023	0	0	0	174
		B		14.81Y	123.4	0.01	2.59	32.57	16	457	153	95					0	0	0	117
		C		14.58Y	121.5	0.01	4.53	41.13	20	569	190	95					0	0	0	189
PL.16752	PL.53	A	1/0ACSR	14.88Y	124.0	0.00	1.99	36.61	18	517	172	95	0.02	0.0	7.672	0.006	0	0	0	174
		B		14.81Y	123.4	0.00	2.59	32.57	16	457	153	95					0	0	0	117
		C		14.58Y	121.5	0.00	4.53	41.13	20	569	190	95					0	0	0	189
RG.3	PL.16752	A	1ph-100A-7	15.12Y	126.0	-1.99	-0.00	36.61	37	517	172	95	percent Boost= 1.61 Tap= 2.6							174
		B		15.12Y	126.0	-2.59	-0.00	32.57	33	457	153	95	percent Boost= 2.10 Tap= 3.4							
		C		15.12Y	126.0	-4.53	-0.00	41.13	41	569	190	95	percent Boost= 3.73 Tap= 6.0							
PL.46604	RG.3	A	1/0ACSR	15.12Y	126.0	0.01	0.01	36.03	18	517	172	95	0.13	0.0	7.712	0.040	0	0	0	174
		B		15.12Y	126.0	0.01	0.01	31.90	16	457	153	95					0	0	0	117
		C		15.12Y	126.0	0.02	0.02	39.65	20	569	190	95					0	0	0	189

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: JEFFERSONVILLE

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi from Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
013632	PL.18903	C	Consumer	14.91Y	124.2	0.00	1.75	0.15	0	2	1	89	0.00	0.0	5.941	0.000	2	1	1	1
PL.13015	PL.18903	C	4ACSR	14.91Y	124.2	0.00	1.76	1.47	1	20	8	93	0.00	0.0	5.988	0.047	0	0	0	3
PL.1145	PL.13015	C	4ACSR	14.91Y	124.2	0.00	1.76	0.64	1	9	4	91	0.00	0.0	6.039	0.051	0	0	0	1
013671	PL.1145	C	Consumer	14.91Y	124.2	0.00	1.76	0.64	0	9	4	91	0.00	0.0	6.039	0.000	9	4	1	1
013623	PL.13015	C	Consumer	14.91Y	124.2	0.00	1.76	0.45	0	6	2	95	0.00	0.0	5.988	0.000	6	2	1	1
013667	PL.13015	C	Consumer	14.91Y	124.2	0.00	1.76	0.39	0	5	2	93	0.00	0.0	5.988	0.000	5	2	1	1
013652	PL.13014	C	Consumer	14.91Y	124.2	0.00	1.75	0.17	0	2	1	89	0.00	0.0	5.924	0.000	2	1	1	1
PL.13013	PL.13014	A	4/0ACSR	15.07Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	5.954	0.030	0	0	0	0
		B		14.98Y	124.8	0.00	1.20	0.34	0	5	2	93					0	0	0	2
		C		14.91Y	124.2	-0.00	1.75	0.00	0	0	0	100					0	0	0	0
PL.27919	PL.13013	A	1/0ACSR	15.07Y	125.6	0.00	0.45	0.00	0	0	0	100	0.00	0.0	5.978	0.024	0	0	0	0
		B		14.98Y	124.8	0.00	1.20	0.00	0	0	0	100					0	0	0	0
		C		14.91Y	124.2	0.00	1.75	0.00	0	0	0	100					0	0	0	0
RG.4	PL.27919	A	1ph-100A-7	15.12Y	126.0	-0.45	-0.00	0.00	0	0	0	100	percent Boost= 0.36 Tap= 0.6							0
		B		15.12Y	126.0	-1.20	-0.00	0.00	0	0	0	100	percent Boost= 0.96 Tap= 1.5							
		C		15.12Y	126.0	-1.75	-0.00	0.00	0	0	0	100	percent Boost= 1.41 Tap= 2.3							
PL.39046	RG.4	A	1/0ACSR	15.12Y	126.0	0.00	-0.00	0.00	0	0	0	100	0.00	0.0	5.986	0.008	0	0	0	0
		B		15.12Y	126.0	0.00	-0.00	0.00	0	0	0	100					0	0	0	0
		C		15.12Y	126.0	0.00	-0.00	0.00	0	0	0	100					0	0	0	0
PD.6824-B	PL.39046	A	Open	15.12Y	126.0	0.00	-0.00	0.00	0	0	0	100	0.00	0.0	5.986	0.000	0	0	0	0
		B		15.12Y	126.0	0.00	-0.00	0.00	0	0	0	100					0	0	0	0
		C		15.12Y	126.0	0.00	-0.00	0.00	0	0	0	100					0	0	0	0
013653	PL.13013	B	Consumer	14.98Y	124.8	0.00	1.20	0.19	0	3	1	95	0.00	0.0	5.954	0.000	3	1	1	1
013654	PL.13013	B	Consumer	14.98Y	124.8	0.00	1.20	0.15	0	2	1	89	0.00	0.0	5.954	0.000	2	1	1	1
PL.27634	PL.13014	B	4ACSR	14.98Y	124.8	0.00	1.20	0.70	1	10	4	93	0.00	0.0	5.929	0.005	0	0	0	3
PD.706	PL.27634	B	fuse6AMP	14.98Y	124.8	0.00	1.20	0.70	12	10	4	93	0.00	0.0	5.929	0.000	0	0	0	3
PL.27635	PD.706	B	4ACSR	14.98Y	124.8	0.00	1.20	0.70	1	10	4	93	0.00	0.0	5.966	0.037	0	0	0	3
013658	PL.27635	B	Consumer	14.98Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	5.966	0.000	0	0	0	0
013656	PL.27635	B	Consumer	14.98Y	124.8	0.00	1.20	0.21	0	3	1	95	0.00	0.0	5.966	0.000	3	1	1	1
013657	PL.27635	B	Consumer	14.98Y	124.8	0.00	1.20	0.21	0	3	1	95	0.00	0.0	5.966	0.000	3	1	1	1
013659	PL.27635	B	Consumer	14.98Y	124.8	0.00	1.20	0.28	0	4	2	89	0.00	0.0	5.966	0.000	4	2	1	1
013660	PL.27635	B	Consumer	14.98Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	5.966	0.000	0	0	0	0
013655	PL.27635	B	Consumer	14.98Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	5.966	0.000	0	0	0	0
013631	PL.5159	B	Consumer	14.98Y	124.8	0.00	1.20	0.06	0	1	0	100	0.00	0.0	5.890	0.000	1	0	1	1
013634	PL.5159	B	Consumer	14.98Y	124.8	0.00	1.20	1.05	0	14	7	89	0.00	0.0	5.890	0.000	14	7	1	1
013644	PL.5159	B	Consumer	14.98Y	124.8	0.00	1.20	0.05	0	1	0	100	0.00	0.0	5.890	0.000	1	0	1	1
013640	PL.5159	B	Consumer	14.98Y	124.8	0.00	1.20	0.17	0	2	1	89	0.00	0.0	5.890	0.000	2	1	1	1
013678	PL.5159	B	Consumer	14.98Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	5.890	0.000	0	0	0	0
PL.42162	PL.13016	C	4ACSR	14.91Y	124.2	0.01	1.76	14.97	13	209	79	94	0.01	0.0	5.758	0.015	0	0	0	63
PD.3331	PL.42162	C	50V4E	14.91Y	124.2	0.00	1.76	14.97	30	209	79	94	0.00	0.0	5.758	0.000	0	0	0	63
PL.42163	PD.3331	C	4ACSR	14.91Y	124.2	0.01	1.77	14.97	13	209	79	94	0.02	0.0	5.787	0.029	0	0	0	63
PL.13010	PL.42163	C	4ACSR	14.90Y	124.2	0.06	1.83	14.11	12	197	74	94	0.09	0.0	5.981	0.194	0	0	0	61
013625	PL.13010	C	Consumer	14.90Y	124.2	0.00	1.83	0.26	0	4	1	97	0.00	0.0	5.981	0.000	4	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: JEFFERSONVILLE

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
023755	PL.26353	B	Consumer	15.01Y	125.1	0.00	0.92	2.39	0	32	16	89	0.00	0.0	4.960	0.000	32	16	1	1
023732	PL.26353	B	Consumer	15.01Y	125.1	0.00	0.92	0.31	0	4	2	89	0.00	0.0	4.960	0.000	4	2	1	1
023724	PL.26353	C	Consumer	15.08Y	125.6	0.00	0.36	0.07	0	1	0	100	0.00	0.0	4.960	0.000	1	0	1	1
PL.25841	PL.26353	A	2ACSR	14.96Y	124.7	0.00	1.29	1.19	1	17	7	92	0.00	0.0	4.961	0.002	0	0	0	7
		B		15.01Y	125.1	0.00	0.92	9.29	6	129	53	93					0	0	0	55
		C		15.08Y	125.6	-0.00	0.36	1.66	1	23	9	93					0	0	0	6
PL.40964	PL.25841	A	2ACSR	14.96Y	124.7	0.00	1.29	1.19	1	17	7	92	0.00	0.0	4.993	0.031	0	0	0	7
		B		15.01Y	125.1	0.00	0.93	9.29	6	129	53	93					0	0	0	55
		C		15.08Y	125.6	-0.00	0.36	1.66	1	23	9	93					0	0	0	6
ST.11	PL.40964	A	Transforme	7.48Y	124.6	0.09	1.38	1.19	3	17	7	92	0.12	0.1	4.993	0.000	0	0	0	7
		B		7.46Y	124.4	0.70	1.62	9.29	27	129	53	93					0	0	0	55
		C		7.53Y	125.5	0.12	0.49	1.66	5	23	9	93					0	0	0	6
PL.40965	ST.11	A	2ACSR	7.48Y	124.6	0.01	1.39	2.38	2	17	7	92	0.04	0.0	5.070	0.077	0	0	0	7
		B		7.46Y	124.3	0.05	1.67	18.58	12	129	51	93					0	0	0	55
		C		7.53Y	125.5	-0.00	0.48	3.33	2	23	9	93					0	0	0	6
PL.26358	PL.40965	A	2ACSR	7.48Y	124.6	0.01	1.40	2.38	2	17	7	92	0.06	0.0	5.174	0.105	0	0	0	7
		B		7.46Y	124.3	0.06	1.73	18.58	12	129	51	93					0	0	0	55
		C		7.53Y	125.5	-0.01	0.47	2.13	1	15	6	93					0	0	0	3
PL.21536	PL.26358	A	2ACSR	7.48Y	124.6	0.00	1.40	0.90	1	6	2	95	0.04	0.0	5.241	0.066	0	0	0	3
		B		7.45Y	124.2	0.04	1.77	18.58	12	129	51	93					0	0	0	55
		C		7.53Y	125.5	-0.01	0.47	2.13	1	15	6	93					0	0	0	3
PL.21537	PL.21536	A	2ACSR	7.48Y	124.6	0.00	1.41	0.90	1	6	2	95	0.02	0.0	5.290	0.049	0	0	0	3
		B		7.45Y	124.2	0.03	1.80	17.73	11	123	49	93					0	0	0	53
		C		7.53Y	125.5	-0.00	0.46	2.13	1	15	6	93					0	0	0	3
PL.26359	PL.21537	A	2ACSR	7.48Y	124.6	0.00	1.41	0.90	1	6	2	95	0.03	0.0	5.354	0.064	0	0	0	3
		B		7.45Y	124.2	0.04	1.84	17.73	11	123	49	93					0	0	0	53
		C		7.53Y	125.5	-0.01	0.46	2.13	1	15	6	93					0	0	0	3
PL.13563	PL.26359	A	2ACSR	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.07	0.1	5.497	0.143	0	0	0	0
		B		7.44Y	124.1	0.08	1.92	17.73	11	123	49	93					0	0	0	53
		C		7.53Y	125.6	-0.02	0.44	0.86	1	6	2	93					0	0	0	1
PL.20620	PL.13563	A	2ACSR	7.47Y	124.6	0.00	1.42	0.00	0	0	0	100	0.05	0.0	5.591	0.094	0	0	0	0
		B		7.44Y	124.0	0.06	1.98	17.66	11	122	48	93					0	0	0	52
		C		7.53Y	125.6	-0.02	0.42	0.00	0	0	0	100					0	0	0	0
RG.8	PL.20620	A	1ph-100A-7	7.56Y	126.0	-1.42	0.00	0.00	0	0	0	100	percent Boost= 1.14 Tap= 1.8							0
		B		7.56Y	126.0	-1.98	0.00	17.66	18	122	48	93	percent Boost= 1.60 Tap= 2.6							
		C		7.56Y	126.0	-0.42	0.00	0.00	0	0	0	100	percent Boost= 0.34 Tap= 0.5							
PL.20621	RG.8	A	2ACSR	7.56Y	126.0	0.00	0.00	0.00	0	0	0	100	0.05	0.0	5.693	0.102	0	0	0	0
		B		7.56Y	125.9	0.06	0.06	17.39	11	122	48	93					0	0	0	52
		C		7.56Y	126.0	-0.02	-0.02	0.00	0	0	0	100					0	0	0	0
PL.41337	PL.20621	A	2ACSR	7.56Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	5.699	0.006	0	0	0	0
		B		7.56Y	125.9	0.00	0.06	0.00	0	0	0	100					0	0	0	0
		C		7.56Y	126.0	0.00	-0.02	0.00	0	0	0	100					0	0	0	0
PD.7395-B	PL.41337	A	Open	7.56Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	5.699	0.000	0	0	0	0
		B		7.56Y	125.9	0.00	0.06	0.00	0	0	0	100					0	0	0	0
		C		7.56Y	126.0	0.00	-0.02	0.00	0	0	0	100					0	0	0	0
PL.41553	PL.20621	B	4ACSR	7.56Y	125.9	0.01	0.06	17.39	15	122	48	93	0.00	0.0	5.700	0.007	0	0	0	52
PD.7481-A	PL.41553	B	Closed	7.56Y	125.9	0.00	0.06	17.39	0	122	48	93	0.00	0.0	5.700	0.000	0	0	0	52
PD.7481-B	PD.7481-A	B	Closed	7.56Y	125.9	0.00	0.06	17.39	0	122	48	93	0.00	0.0	5.700	0.000	0	0	0	52
PL.41554	PD.7481-B	B	4ACSR	7.55Y	125.9	0.03	0.09	17.39	15	122	48	93	0.02	0.0	5.734	0.034	0	0	0	52
023720	PL.41554	B	Consumer	7.55Y	125.9	0.00	0.09	0.69	0	5	2	93	0.00	0.0	5.734	0.000	5	2	1	1
023709	PL.41554	B	Consumer	7.55Y	125.9	0.00	0.09	0.00	0	0	0	100	0.00	0.0	5.734	0.000	0	0	0	0
PL.40342	PL.41554	B	4ACSR	7.55Y	125.9	0.01	0.11	16.69	14	117	46	93	0.01	0.0	5.752	0.018	0	0	0	51

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: MARIBA

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
037518	PL.2140	A	Consumer	7.27Y	121.2	0.00	4.83	0.31	0	2	1	89	0.00	0.0	2.262	0.000	2	1	1	1
037536	PL.2140	A	Consumer	7.27Y	121.2	0.00	4.83	0.37	0	3	1	95	0.00	0.0	2.262	0.000	3	1	1	1
PL.2161	PL.25800	A	4ACSR	7.27Y	121.2	0.00	4.83	2.34	2	15	7	91	0.00	0.0	2.189	0.030	0	0	0	0
		B		7.43Y	123.9	0.00	2.12	2.29	2	15	7	90					0	0	0	0
		C		7.31Y	121.9	0.00	4.08	2.32	2	15	7	90					0	0	0	0
037456	PL.2161	A	Consumer	7.27Y	121.2	0.00	4.83	2.34	0	15	7	91	0.00	0.0	2.189	0.000	15	7	0	0
		B		7.43Y	123.9	0.00	2.12	2.29	0	15	7	90					15	7	0	0
		C		7.31Y	121.9	0.00	4.08	2.32	0	15	7	90					15	7	0	0
PL.25801	PL.25800	A	6ACWC	7.25Y	120.9	0.29	5.11	55.51	47	381	134	94	1.70	0.2	2.287	0.128	0	0	0	83
		B		7.42Y	123.7	0.13	2.25	32.48	28	232	66	96					0	0	0	38
		C		7.30Y	121.7	0.24	4.32	43.33	37	299	104	94					0	0	0	35
PL.6059	PL.25801	A	4ACSR	7.25Y	120.9	0.00	5.11	2.03	2	14	6	92	0.00	0.0	2.320	0.033	0	0	0	7
PL.5177	PL.6059	A	4ACSR	7.25Y	120.9	0.00	5.11	0.54	0	4	1	97	0.00	0.0	2.346	0.026	0	0	0	3
PL.5178	PL.5177	A	4ACSR	7.25Y	120.9	0.00	5.12	0.20	0	1	1	71	0.00	0.0	2.431	0.085	0	0	0	2
037533	PL.5178	A	Consumer	7.25Y	120.9	0.00	5.12	0.16	0	1	0	100	0.00	0.0	2.431	0.000	1	0	1	1
037550	PL.5178	A	Consumer	7.25Y	120.9	0.00	5.12	0.03	0	0	0	100	0.00	0.0	2.431	0.000	0	0	1	1
037553	PL.5177	A	Consumer	7.25Y	120.9	0.00	5.11	0.35	0	2	1	89	0.00	0.0	2.346	0.000	2	1	1	1
037506	PL.6059	A	Consumer	7.25Y	120.9	0.00	5.11	0.48	0	3	2	83	0.00	0.0	2.320	0.000	3	2	1	1
037542	PL.6059	A	Consumer	7.25Y	120.9	0.00	5.11	0.00	0	0	0	100	0.00	0.0	2.320	0.000	0	0	0	0
037543	PL.6059	A	Consumer	7.25Y	120.9	0.00	5.11	0.00	0	0	0	100	0.00	0.0	2.320	0.000	0	0	0	0
037532	PL.6059	A	Consumer	7.25Y	120.9	0.00	5.11	0.17	0	1	0	100	0.00	0.0	2.320	0.000	1	0	1	1
0375061	PL.6059	A	Consumer	7.25Y	120.9	0.00	5.11	0.51	0	3	1	95	0.00	0.0	2.320	0.000	3	1	1	1
037555	PL.6059	A	Consumer	7.25Y	120.9	0.00	5.11	0.32	0	2	1	89	0.00	0.0	2.320	0.000	2	1	1	1
PL.25802	PL.25801	A	6ACWC	7.25Y	120.8	0.09	5.20	53.48	45	366	128	94	0.54	0.1	2.329	0.042	0	0	0	76
		B		7.42Y	123.7	0.04	2.30	32.48	28	232	66	96					0	0	0	38
		C		7.30Y	121.6	0.08	4.40	43.33	37	299	104	94					0	0	0	35
PL.2138	PL.25802	C	4ACSR	7.30Y	121.6	0.00	4.40	0.24	0	2	1	89	0.00	0.0	2.360	0.030	0	0	0	3
PL.2136	PL.2138	C	4ACSR	7.30Y	121.6	0.00	4.40	0.24	0	2	1	89	0.00	0.0	2.466	0.106	0	0	0	3
037408	PL.2136	C	Consumer	7.30Y	121.6	0.00	4.40	0.01	0	0	0	100	0.00	0.0	2.466	0.000	0	0	1	1
037401	PL.2136	C	Consumer	7.30Y	121.6	0.00	4.40	0.10	0	1	0	100	0.00	0.0	2.466	0.000	1	0	1	1
037402	PL.2136	C	Consumer	7.30Y	121.6	0.00	4.40	0.14	0	1	0	100	0.00	0.0	2.466	0.000	1	0	1	1
037409	PL.25802	B	Consumer	7.42Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	2.329	0.000	0	0	0	0
PL.29071	PL.25802	A	6ACWC	7.24Y	120.7	0.08	5.28	53.48	45	366	128	94	0.48	0.1	2.367	0.037	0	0	0	76
		B		7.42Y	123.7	0.04	2.34	32.48	28	232	66	96					0	0	0	38
		C		7.29Y	121.5	0.07	4.47	43.09	37	297	103	94					0	0	0	32
RG.30	PL.29071	A	1ph-100A-7	7.56Y	126.0	-5.28	-0.00	53.48	53	366	128	94	percent Boost= 4.38 Tap= 7.0							76
		B		7.56Y	126.0	-2.34	-0.00	32.48	32	232	66	96	percent Boost= 1.89 Tap= 3.0							
		C		7.56Y	126.0	-4.47	0.00	43.09	43	297	103	94	percent Boost= 3.68 Tap= 5.9							
PL.29072	RG.30	A	6ACWC	7.55Y	125.9	0.09	0.09	51.24	43	366	128	94	0.50	0.1	2.409	0.042	0	0	0	76
		B		7.56Y	126.0	0.04	0.04	31.88	27	232	66	96					0	0	0	38
		C		7.56Y	125.9	0.07	0.07	41.56	35	297	103	94					0	0	0	32
PL.6042	PL.29072	A	6ACWC	7.55Y	125.8	0.14	0.23	51.24	43	366	127	94	0.82	0.1	2.478	0.069	0	0	0	76
		B		7.55Y	125.9	0.07	0.12	31.88	27	232	66	96					0	0	0	38
		C		7.55Y	125.8	0.12	0.20	41.56	35	297	103	94					0	0	0	32
PL.23644	PL.6042	A	6ACWC	7.54Y	125.6	0.15	0.37	46.69	40	333	115	95	0.86	0.1	2.557	0.079	0	0	0	55
		B		7.55Y	125.8	0.09	0.20	31.88	27	232	66	96					0	0	0	38
		C		7.54Y	125.7	0.14	0.34	41.56	35	296	103	94					0	0	0	32

Unbalanced Voltage Drop Report
Source: MILLER HUNT

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru kW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
062350	PL.17037	A	Consumer	15.10Y	125.9	0.00	0.15	0.43	0	6	2	95	0.00	0.0	2.402	0.000	6	2	1	1
062345	PL.35062	A	Consumer	15.11Y	125.9	0.00	0.12	0.18	0	3	1	95	0.00	0.0	2.257	0.000	3	1	1	1
062328	PL.9965	A	Consumer	15.11Y	126.0	0.00	0.05	0.06	0	1	0	100	0.00	0.0	2.069	0.000	1	0	1	1
062340	PL.9965	A	Consumer	15.11Y	126.0	0.00	0.05	0.20	0	3	1	95	0.00	0.0	2.069	0.000	3	1	1	1
062327	PL.9965	A	Consumer	15.11Y	126.0	0.00	0.05	0.01	0	0	0	100	0.00	0.0	2.069	0.000	0	0	1	1
0623080	PL.9965	A	Consumer	15.11Y	126.0	0.00	0.05	0.00	0	0	0	100	0.00	0.0	2.069	0.000	0	0	0	0
062314	PL.9965	A	Consumer	15.11Y	126.0	0.00	0.05	0.21	0	3	1	95	0.00	0.0	2.069	0.000	3	1	1	1
062317	PL.9962	A	Consumer	15.12Y	126.0	0.00	0.00	0.24	0	3	2	83	0.00	0.0	1.960	0.000	3	2	1	1
062358	PL.9962	A	Consumer	15.12Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	1.960	0.000	0	0	1	1
062354	PL.9962	A	Consumer	15.12Y	126.0	0.00	0.00	0.00	0	0	0	100	0.00	0.0	1.960	0.000	0	0	0	0
062342	PL.9962	A	Consumer	15.12Y	126.0	0.00	0.00	0.31	0	4	2	89	0.00	0.0	1.960	0.000	4	2	1	1
PL.17032	PL.19041	A	4ACSR	15.12Y	126.0	0.00	-0.03	0.56	0	8	3	94	0.00	0.0	1.893	0.006	0	0	0	2
PD.3018	PL.17032	A	fuse6AMP	15.12Y	126.0	0.00	-0.03	0.56	10	8	3	94	0.00	0.0	1.893	0.000	0	0	0	2
PL.17033	PD.3018	A	4ACSR	15.12Y	126.0	0.00	-0.03	0.56	0	8	3	94	0.00	0.0	1.962	0.069	0	0	0	2
062316	PL.17033	A	Consumer	15.12Y	126.0	0.00	-0.03	0.25	0	4	1	97	0.00	0.0	1.962	0.000	4	1	1	1
PL.25163	PL.17033	A	4ACSR	15.12Y	126.0	0.00	-0.03	0.31	0	4	2	89	0.00	0.0	2.032	0.070	0	0	0	1
062315	PL.25163	A	Consumer	15.12Y	126.0	0.00	-0.03	0.31	0	4	2	89	0.00	0.0	2.032	0.000	4	2	1	1
062367	PL.19041	A	Consumer	15.12Y	126.0	0.00	-0.03	0.22	0	3	1	95	0.00	0.0	1.887	0.000	3	1	1	1
062331	PL.19041	A	Consumer	15.12Y	126.0	0.00	-0.03	0.21	0	3	1	95	0.00	0.0	1.887	0.000	3	1	1	1
062318	PL.19041	A	Consumer	15.12Y	126.0	0.00	-0.03	0.25	0	4	1	97	0.00	0.0	1.887	0.000	4	1	1	1
PL.22670	PL.28036	A	397ACSR	15.13Y	126.1	0.00	-0.08	0.00	0	0	0	100	0.00	0.0	1.798	0.020	0	0	0	0
		B		15.13Y	126.1	0.00	-0.11	0.00	0	0	0	100					0	0	0	0
		C		15.07Y	125.6	0.00	0.41	0.00	0	0	0	100					0	0	0	0
RG.29	PL.22670	A	1ph-100A-7	15.12Y	126.0	0.08	-0.00	0.00	0	0	0	100	percent Boost=-0.06 Tap=-0.1							0
		B		15.12Y	126.0	0.11	0.00	0.00	0	0	0	100	percent Boost=-0.09 Tap=-0.1							
		C		15.12Y	126.0	-0.41	0.00	0.00	0	0	0	100	percent Boost= 0.33 Tap= 0.5							
PL.43790	RG.29	A	397ACSR	15.12Y	126.0	0.00	-0.00	0.00	0	0	0	100	0.00	0.0	1.877	0.079	0	0	0	0
		B		15.12Y	126.0	0.00	0.00	0.00	0	0	0	100					0	0	0	0
		C		15.12Y	126.0	0.00	0.00	0.00	0	0	0	100					0	0	0	0
PD.8323-B	PL.43790	A	Open	15.12Y	126.0	0.00	-0.00	0.00	0	0	0	100	0.00	0.0	1.877	0.000	0	0	0	0
		B		15.12Y	126.0	0.00	0.00	0.00	0	0	0	100					0	0	0	0
		C		15.12Y	126.0	0.00	0.00	0.00	0	0	0	100					0	0	0	0
PL.34502	PL.9300	C	4ACSR	15.07Y	125.6	0.00	0.41	41.56	35	582	232	93	0.01	0.0	1.596	0.003	0	0	0	175
PD.4834-A	PL.34502	C	Closed	15.07Y	125.6	0.00	0.41	41.56	0	582	232	93	0.00	0.0	1.596	0.000	0	0	0	175
PD.4834-B	PD.4834-A	C	Closed	15.07Y	125.6	0.00	0.41	41.56	0	582	232	93	0.00	0.0	1.596	0.000	0	0	0	175
PL.34503	PD.4834-B	C	4ACSR	15.06Y	125.5	0.08	0.49	41.56	35	582	232	93	0.33	0.1	1.676	0.080	0	0	0	175
PL.17027	PL.34503	C	4ACSR	15.05Y	125.4	0.08	0.57	41.34	35	578	230	93	0.34	0.1	1.760	0.084	0	0	0	174
C PD.3593	PL.17027	C	50L	15.05Y	125.4	0.00	0.57	41.34	83	578	230	93	0.00	0.0	1.760	0.000	0	0	0	174 C
PL.17028	PD.3593	C	4ACSR	15.05Y	125.4	0.02	0.59	41.34	35	578	230	93	0.10	0.0	1.784	0.024	0	0	0	174
062402	PL.17028	C	Consumer	15.05Y	125.4	0.00	0.59	0.34	0	5	2	93	0.00	0.0	1.784	0.000	5	2	1	1
PL.10870	PL.17028	C	4ACSR	15.05Y	125.4	0.03	0.62	41.00	34	573	228	93	0.11	0.0	1.812	0.029	0	0	0	173
PL.10871	PL.10870	C	4ACSR	15.03Y	125.3	0.11	0.73	40.65	34	568	226	93	0.47	0.1	1.931	0.119	0	0	0	170

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: 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	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PD.921	PL.18568	A	fuse6AMP	7.33Y	122.1	0.00	3.90	2.23	38	16	5	95	0.00	0.0	3.877	0.000	0	0	0	5
PL.18569	PD.921	A	4ACSR	7.33Y	122.1	0.01	3.91	2.23	2	16	5	95	0.00	0.0	3.967	0.090	0	0	0	5
PL.559	PL.18569	A	4ACSR	7.33Y	122.1	0.00	3.91	0.74	1	5	2	93	0.00	0.0	4.019	0.052	0	0	0	2
012215	PL.559	A	Consumer	7.33Y	122.1	0.00	3.91	0.32	0	2	1	89	0.00	0.0	4.019	0.000	2	1	1	1
012211	PL.559	A	Consumer	7.33Y	122.1	0.00	3.91	0.41	0	3	1	95	0.00	0.0	4.019	0.000	3	1	1	1
PL.560	PL.18569	A	4ACSR	7.33Y	122.1	0.00	3.91	1.06	1	7	2	96	0.00	0.0	4.015	0.048	0	0	0	2
012206	PL.560	A	Consumer	7.33Y	122.1	0.00	3.91	1.03	0	7	2	96	0.00	0.0	4.015	0.000	7	2	1	1
012216	PL.560	A	Consumer	7.33Y	122.1	0.00	3.91	0.03	0	0	0	100	0.00	0.0	4.015	0.000	0	0	1	1
012210	PL.18569	A	Consumer	7.33Y	122.1	0.00	3.91	0.44	0	3	1	95	0.00	0.0	3.967	0.000	3	1	1	1
012221	PL.14582	C	Consumer	7.28Y	121.3	0.00	4.69	0.00	0	0	0	100	0.00	0.0	3.588	0.000	0	0	1	1
012217	PL.14582	C	Consumer	7.28Y	121.3	0.00	4.69	0.87	0	6	2	95	0.00	0.0	3.588	0.000	6	2	1	1
012220	PL.14580	C	Consumer	7.29Y	121.4	0.00	4.56	0.41	0	3	1	95	0.00	0.0	3.484	0.000	3	1	1	1
011208	PL.8560	C	Consumer	7.35Y	122.5	0.00	3.52	0.00	0	0	0	100	0.00	0.0	2.683	0.000	0	0	0	0
PL.14234	PL.8560	A	4ACSR	7.36Y	122.7	0.01	3.29	29.75	25	208	68	95	0.02	0.0	2.691	0.008	0	0	0	68
PD.3339	PL.14234	A	50L	7.36Y	122.7	0.00	3.29	29.75	60	208	68	95	0.00	0.0	2.691	0.000	0	0	0	68
PL.28137	PD.3339	A	4ACSR	7.36Y	122.7	0.05	3.33	29.75	25	208	68	95	0.07	0.0	2.725	0.034	0	0	0	68
RG.5	PL.28137	A	1ph-100A-7	7.56Y	126.0	-3.33	-0.00	29.75	30	208	68	95	percent Boost= 2.72 Tap= 4.3							68
PL.28138	RG.5	A	4ACSR	7.56Y	126.0	0.02	0.02	28.97	24	208	68	95	0.03	0.0	2.739	0.013	0	0	0	68
PL.20162	PL.28138	A	4ACSR	7.55Y	125.9	0.13	0.15	28.97	24	208	68	95	0.20	0.1	2.836	0.098	0	0	0	68
PL.24590	PL.20162	A	4ACSR	7.53Y	125.6	0.29	0.44	28.97	24	208	68	95	0.45	0.2	3.061	0.225	0	0	0	68
011202	PL.24590	A	Consumer	7.53Y	125.6	0.00	0.44	0.70	0	5	2	93	0.00	0.0	3.061	0.000	5	2	1	1
PL.10705	PL.24590	A	4ACSR	7.51Y	125.2	0.32	0.76	28.27	24	203	66	95	0.47	0.2	3.310	0.249	0	0	0	67
PL.1008	PL.10705	A	4ACSR	7.51Y	125.2	0.03	0.79	4.50	4	32	10	95	0.01	0.0	3.451	0.141	0	0	0	9
PL.10708	PL.1008	A	4ACSR	7.51Y	125.2	0.02	0.80	4.50	4	32	10	95	0.00	0.0	3.527	0.076	0	0	0	9
010203	PL.10708	A	Consumer	7.51Y	125.2	0.00	0.80	0.00	0	0	0	100	0.00	0.0	3.527	0.000	0	0	0	0
PL.24592	PL.10708	A	4ACSR	7.51Y	125.2	0.03	0.83	4.50	4	32	10	95	0.01	0.0	3.663	0.136	0	0	0	9
010202	PL.24592	A	Consumer	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	3.663	0.000	0	0	0	0
PL.20334	PL.24592	A	4ACSR	7.51Y	125.1	0.02	0.85	4.50	4	32	10	95	0.01	0.0	3.777	0.114	0	0	0	9
PD.737	PL.20334	A	fuse6AMP	7.51Y	125.1	0.00	0.85	4.50	77	32	10	95	0.00	0.0	3.777	0.000	0	0	0	9
PL.20335	PD.737	A	4ACSR	7.51Y	125.1	0.03	0.88	4.50	4	32	10	95	0.01	0.0	3.917	0.140	0	0	0	9
PL.1254	PL.20335	A	4ACSR	7.51Y	125.1	0.01	0.89	1.37	1	10	3	96	0.00	0.0	4.033	0.116	0	0	0	1
010308	PL.1254	A	Consumer	7.51Y	125.1	0.00	0.89	1.37	0	10	3	96	0.00	0.0	4.033	0.000	10	3	1	1
PL.10709	PL.20335	A	4ACSR	7.51Y	125.1	0.03	0.91	3.13	3	22	7	95	0.00	0.0	4.100	0.183	0	0	0	8
PL.1255	PL.10709	A	4ACSR	7.51Y	125.1	0.01	0.91	3.13	3	22	7	95	0.00	0.0	4.137	0.037	0	0	0	8
PL.1006	PL.1255	A	4ACSR	7.50Y	125.1	0.01	0.92	3.02	3	22	7	95	0.00	0.0	4.207	0.070	0	0	0	7
010309	PL.1006	A	Consumer	7.50Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	4.207	0.000	0	0	0	0
010312	PL.1006	A	Consumer	7.50Y	125.1	0.00	0.92	0.73	0	5	2	93	0.00	0.0	4.207	0.000	5	2	1	1
010315	PL.1006	A	Consumer	7.50Y	125.1	0.00	0.92	0.46	0	3	1	95	0.00	0.0	4.207	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