

Unbalanced Voltage Drop Report
Source: 115 kV Source

Database: C:\USERS\BILL\DOCUMENTS\IEEE COMP FEEDER OCT 2012\REVISED IEEE COMP FEEDER.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss	Length (mi)	KW	KVAR		Cons On	Cons Thru		
115 kV Source		A	115 kV Sou	66.40Y	120.0	0.00	0.00	21.39	0	1324	515	93	0.00	0.0	0.000	0.000	0	0	0	0	
		B		66.40Y	120.0	0.00	0.00	23.33	0	1478	465	95					0	0	0	0	
		C		66.40Y	120.0	0.00	0.00	23.69	0	1444	624	92					0	0	0	0	
700	115 kV Source	A	Node	66.40Y	120.0	0.00	0.00	21.39	0	1324	515	93	0.00	0.0	0.000	0.000	0	0	0	0	
		B		66.40Y	120.0	0.00	0.00	23.33	0	1478	465	95					0	0	0	0	
		C		66.40Y	120.0	0.00	0.00	23.69	0	1444	624	92					0	0	0	0	
C T-SUB C C	700	A	Transforme	14.27Y	119.1	0.90	0.90	21.39	83	1324	515	93	39.21	0.9	0.000	0.000	0	0	0	0 C	
		B		14.38Y	120.1	-0.07	-0.07	23.33	91	1478	465	95					0	0	0	0 C	
		C		14.24Y	118.8	1.15	1.15	23.69	92	1444	624	92					0	0	0	0 C	
701	T-SUB	A	Node	14.27Y	119.1	0.00	0.90	103.35	0	1397	472	95	0.00	0.0	0.000	0.000	0	0	0	0	
		B		14.38Y	120.1	0.00	-0.07	94.68	0	1324	320	97					0	0	0	0	
		C		14.24Y	118.8	0.00	1.15	110.07	0	1486	497	95					0	0	0	0	
Reg 1	701	A	Reg-1	15.02Y	125.4	-6.27	-5.36	103.35	52	1397	472	95	percent Boost= 5.00 Tap= 8.0							0	
		B		14.95Y	124.8	-4.68	-4.75	94.68	47	1324	320	97	percent Boost= 3.75 Tap= 6.0							0	
		C		14.99Y	125.1	-6.26	-5.10	110.07	55	1486	497	95	percent Boost= 5.00 Tap= 8.0							0	
702	Reg 1	A	Node	15.02Y	125.4	0.00	-5.36	98.18	0	1397	472	95	0.00	0.0	0.000	0.000	0	0	0	0	
		B		14.95Y	124.8	0.00	-4.75	91.13	0	1324	320	97					0	0	0	0	
		C		14.99Y	125.1	0.00	-5.10	104.56	0	1486	497	95					0	0	0	0	
Bus 702	702	A	1/0 AA CN	15.02Y	125.4	0.00	-5.36	44.54	22	641	191	96	0.00	0.0	0.000	0.000	0	0	0	0	
		B		14.95Y	124.8	0.00	-4.75	41.48	21	608	121	98					0	0	0	0	
		C		14.99Y	125.1	0.00	-5.10	47.42	23	681	203	96					0	0	0	0	
UG-2	Bus 702	A	1/0 AA CN	14.99Y	125.1	0.26	-5.11	44.54	22	641	191	96	3.56	0.2	0.568	0.568	0	0	0	0	
		B		14.92Y	124.5	0.20	-4.55	41.48	21	608	121	98					0	0	0	0	
		C		14.95Y	124.8	0.27	-4.83	47.42	23	681	203	96					0	0	0	0	
703	UG-2	A	Node	14.99Y	125.1	0.00	-5.11	44.71	0	640	199	95	0.00	0.0	0.568	0.000	0	0	0	0	
		B		14.92Y	124.5	0.00	-4.55	41.60	0	607	128	98					0	0	0	0	
		C		14.95Y	124.8	0.00	-4.83	47.58	0	680	211	95					0	0	0	0	

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Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																KW	KVAR	Cons On	Cons Thru	
OH-2 P	703	A	#2/0 ACSR	14.97Y	124.9	0.18	-4.93	7.15	3	107	5	100	0.45	0.2	3.409	2.841	0	0	0	0
		B		14.88Y	124.2	0.31	-4.24	7.37	3	99	48	90					0	0	0	0
		C		14.97Y	125.0	-0.12	-4.95	3.18	1	15	45	31					0	0	0	0
704 P	OH-2	A	Node	14.97Y	124.9	0.00	-4.93	7.15	0	107	5	100	0.00	0.0	3.409	0.000	0	0	0	0
		B		14.88Y	124.2	0.00	-4.24	7.37	0	99	48	90					0	0	0	0
		C		14.97Y	125.0	0.00	-4.95	3.18	0	15	45	31					0	0	0	0
T21 P	704	A-B	Transforme	12.91D	124.3	0.67	-4.26	6.14	53	91	-8	-100	-0.26	-0.1	3.409	0.000	0	0	0	0
		B-C		12.77D	122.9	1.37	-2.87	7.94	69	98	64	84					0	0	0	0
		C-A		12.89D	124.1	0.86	-4.09	3.25	28	33	36	67					0	0	0	0
705 P	T21	A-B	Node	12.91D	124.3	0.00	-4.26	6.66	0	50	-3	-100	0.00	0.0	3.409	0.000	0	0	0	0
		B-C		12.77D	122.9	0.00	-2.87	15.93	0	115	26	98					0	0	0	0
		C-A		12.89D	124.1	0.00	-4.09	12.04	0	57	68	64					0	0	0	0
Reg-5 P	705	A-B	Open D-D	12.60D	121.2	3.03	-1.23	6.66	13	50	-3	-100	percent Boost=-3.12 Tap=-5.0							0
		B-C		12.53D	120.6	2.26	-0.61	15.93	32	115	26	98	percent Boost=-1.88 Tap=-3.0							0
		C-A		12.58D	121.1	3.03	-1.06	12.04	24	57	68	64	percent Boost=-1.88 Tap=-3.0							0
706 P	Reg-5	A-B	Node	12.60D	121.2	0.00	-1.23	6.87	0	50	-3	-100	0.00	0.0	3.409	0.000	0	0	0	0
		B-C		12.53D	120.6	0.00	-0.61	16.23	0	115	26	98					0	0	0	0
		C-A		12.58D	121.1	0.00	-1.06	12.26	0	57	68	64					0	0	0	0
UG-8 P	706	A-B	1/0 AA CN	12.59D	121.1	0.10	-1.13	6.87	3	50	-3	-100	0.22	0.1	3.883	0.473	0	0	0	0
		B-C		12.52D	120.5	0.14	-0.48	16.23	8	115	26	98					0	0	0	0
		C-A		12.57D	121.0	0.06	-1.00	12.26	6	57	68	64					0	0	0	0
707 P	UG-8	A-B	Node	12.59D	121.1	0.00	-1.13	6.86	0	50	-1	-100	0.00	0.0	3.883	0.000	0	0	0	0
		B-C		12.52D	120.5	0.00	-0.48	16.28	0	115	27	97					0	0	0	0
		C-A		12.57D	121.0	0.00	-1.00	12.44	0	57	70	63					0	0	0	0
UG-9	707	B-C	1/0 AA Ful	12.51D	120.3	0.13	-0.34	12.44	8	146	55	94	0.16	0.1	4.356	0.473	0	0	0	0

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

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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	-----Element-----			
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss	Length (mi)	KW		KVAR	Cons On	Cons Thru	
709	UG-9	B-C	Node	12.51D	120.3	0.00	-0.34	12.55	0	146	58	93	0.00	0.0	4.356	0.000	0	0	0	0	
T17	709	C	Transforme	0.12Y	118.6	2.16	1.40	6.93	50	81	32	93	0.75	0.9	4.356	0.000	0	0	0	0	
710	T17	C	Node	0.12Y	118.6	0.00	1.40	720.42	0	80	30	94	0.00	0.0	4.356	0.000	80	30	0	0	
OH-5	709	B-C	#2 ACSR 7/	12.50D	120.2	0.10	-0.25	5.61	3	65	27	92	0.05	0.1	4.830	0.473	0	0	0	0	
711	OH-5	B-C	Node	12.50D	120.2	0.00	-0.25	5.61	0	65	27	92	0.00	0.0	4.830	0.000	0	0	0	0	
T18	711	B1 B2	Transforme	0.12C 0.12C	118.8 118.9	2.06 1.96	1.25 1.14	5.61 5.61	40 0	65 0	27 0	92 100	0.49 0	0.8	4.830	0.000	0 0	0 0	0 0	0 0	
712	T18	B1 B2	Node	0.12C 0.12C	118.8 118.9	0.00 0.00	1.25 1.14	317.32 266.28	0 0	35 30	15 11	92 94	0.00 0	0.0	4.830	0.000	0 0	0 0	0 0	0 0	
7121	712	B1 B2	Node	0.12C 0.12C	118.8 118.9	0.00 0.00	1.25 1.14	186.34 134.63	0 0	20 15	10 6	89 93	0.00 0	0.0	4.830	0.000	20 15	10 6	0 0	0 0	
7122	712	B1 B2	Node	0.12C 0.12C	118.8 118.9	0.00 0.00	1.25 1.14	131.76 131.76	0 0	15 15	5 5	95 95	0.00 0	0.0	4.830	0.000	30 0	10 0	0 0	0 0	
T16	707	A-B	Transforme	0.24D	119.2	1.93	0.80	6.86	49	76	42	88	0.73	1.0	3.883	0.000	0	0	0	0	
708	T16	A-B	Node	0.24D	119.2	0.00	0.80	356.54	0	75	40	88	0.00	0.0	3.883	0.000	75	40	0	0	
SW-3-B	703	A B C	Looped	14.99Y 14.92Y 14.95Y	125.1 124.5 124.8	0.00 0.00 0.00	-5.11 -4.55 -4.83	37.83 34.48 45.81	0 0 0	533 508 665	194 81 166	94 99 97	0.00 0 0	0.0	0.568	0.000	0 0 0	0 0 0	0 0 0	0 0 0	
UG-1	702	A B C	2/0 AA CN	14.99Y 14.92Y 14.95Y	125.1 124.5 124.8	0.26 0.20 0.27	-5.11 -4.55 -4.83	53.70 49.71 57.20	3 2 3	756 716 805	281 200 294	94 96 94	4.13 0.2 0	0.2	0.568	0.568	0 0 0	0 0 0	0 0 0	0 0 0	

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

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Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																Cons	Cons	On	Thru	
713	UG-1	A	Node	14.99Y	125.1	0.00	-5.11	-31.41	0	-444	-157	94	0.00	0.0	0.568	0.000	0	0	0	0
		B		14.92Y	124.5	0.00	-4.55	-28.35	0	-421	-46	99					0	0	0	0
		C		14.95Y	124.8	0.00	-4.83	-39.61	0	-578	-129	98					0	0	0	0
C T1	713	A	Transforme	0.12Y	123.0	2.12	-2.99	6.43	93	89	37	92	2.51	1.0	0.568	0.000	0	0	0	0 C
C		B		0.12Y	122.5	2.06	-2.49	6.32	91	88	35	93					0	0	0	0 C
C		C		0.12Y	122.7	2.10	-2.73	6.30	91	87	37	92					0	0	0	0 C
714	T1	A	Node	0.12Y	123.0	0.00	-2.99	771.16	0	88	35	93	0.00	0.0	0.568	0.000	0	0	0	0
		B		0.12Y	122.5	0.00	-2.49	758.51	0	87	33	93					0	0	0	0
		C		0.12Y	122.7	0.00	-2.73	755.52	0	86	35	92					0	0	0	0
C T24	714	A-B	Transforme	0.48D	120.6	2.38	-0.61	66.99	80	7	5	81	-0.00	0.0	0.568	0.000	0	0	0	0 C
C		B-C		0.48D	120.7	1.79	-0.69	67.51	81	7	5	83					0	0	0	0 C
C		C-A		0.48D	120.8	1.96	-0.77	67.43	81	7	5	82					0	0	0	0 C
716	T24	A-B	Node	0.48D	120.6	0.00	-0.61	29.06	0	7	5	81	0.00	0.0	0.568	0.000	0	0	0	0
		B-C		0.48D	120.7	0.00	-0.69	29.09	0	7	5	83					0	0	0	0
		C-A		0.48D	120.8	0.00	-0.77	29.28	0	7	5	83					0	0	0	0
Motor 1	716	A-B	Motor	0.48D	120.6	0.00	-0.61	29.06	0	7	5	81	slip = 3.5000 Percent Pin = 20.2 kw 13.7 kvar							
		B-C		0.48D	120.7	0.00	-0.69	29.09	0	7	5	83	Pconv = 18.7 kw 0.0 kvar							
		C-A		0.48D	120.8	0.00	-0.77	29.28	0	7	5	83	lossS = 0.8 kW lossR = 0.7 kW HP = 25.1							
715	714	A	Node	0.12Y	123.0	0.00	-2.99	694.69	0	80	30	94	0.00	0.0	0.568	0.000	80	30	0	0
		B		0.12Y	122.5	0.00	-2.49	697.54	0	80	30	94					80	30	0	0
		C		0.12Y	122.7	0.00	-2.73	696.14	0	80	30	94					80	30	0	0
SW-3	713	A	Looped	14.99Y	125.1	0.00	-5.11	-37.83	0	-533	-194	94	0.00	0.0	0.568	0.000	0	0	0	0
		B		14.92Y	124.5	0.00	-4.55	-34.48	0	-508	-81	99					0	0	0	0
		C		14.95Y	124.8	0.00	-4.83	-45.81	0	-665	-166	97					0	0	0	0
OH-1	UG-1	A	#1/0 ACSR	14.66Y	122.4	2.71	-2.40	85.33	37	1198	447	94	72.22	1.9	3.409	2.841	0	0	0	0
		B		14.67Y	122.4	2.11	-2.44	77.96	34	1135	254	98					0	0	0	0
		C		14.57Y	121.6	3.23	-1.60	96.80	42	1382	432	95					0	0	0	0

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		-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
717	OH-1	A	Node	14.66Y	122.4	0.00	-2.40	85.33	0	1175	430	94	0.00	0.0	3.409	0.000	0	0	0	0
		B		14.67Y	122.4	0.00	-2.44	77.96	0	1118	241	98					0	0	0	0
		C		14.57Y	121.6	0.00	-1.60	96.80	0	1350	408	96					0	0	0	0
Reg 4	717	A	Reg-4	14.94Y	124.7	-2.34	-4.74	4.70	5	69	5	100	percent Boost= 1.88 Tap= 3.0							0
718	Reg 4	A	Node	14.94Y	124.7	0.00	-4.74	4.61	0	69	5	100	0.00	0.0	3.409	0.000	0	0	0	0
UG-7	718	A	1/0 AA Ful	14.94Y	124.7	0.07	-4.68	4.61	3	69	5	100	0.04	0.1	4.409	1.000	0	0	0	0
719	UG-7	A	Node	14.94Y	124.7	0.00	-4.68	4.94	0	69	27	93	0.00	0.0	4.409	0.000	0	0	0	0
T2	719	A1	Transforme	0.12C	123.1	1.62	-3.05	4.94	71	69	27	93	0.51	0.7	4.409	0.000	0	0	0	0
		A2		0.12C	123.0	1.68	-3.00	0.00	0	0	0	100					0	0	0	0
720	T2	A1	Node	0.12C	123.1	0.00	-3.05	280.77	0	32	12	94	0.00	0.0	4.409	0.000	0	0	0	0
		A2		0.12C	123.0	0.00	-3.00	311.74	0	36	14	93					0	0	0	0
C SEC-1	720	A1	2/0 - 7 St	0.12C	120.0	3.02	-0.04	152.93	54	18	7	93	1.16	3.1	4.438	0.028	0	0	0	0 C
C		A2		0.12C	118.9	4.12	1.12	172.25	61	20	8	93					0	0	0	0 C
724	SEC-1	A1	Node	0.12C	120.0	0.00	-0.04	152.93	0	17	7	92	0.00	0.0	4.438	0.000	0	0	0	0
		A2		0.12C	118.9	0.00	1.12	172.25	0	19	8	93					0	0	0	0
SEC-2	724	A1	2/0 - 7 St	0.12C	118.3	1.69	1.65	79.10	28	9	3	95	0.28	1.6	4.466	0.028	0	0	0	0
L		A2		0.12C	117.0	1.84	2.96	81.80	29	9	4	93					0	0	0	0 L
725	SEC-2	A1	Node	0.12C	118.3	0.00	1.65	79.10	0	9	3	95	0.00	0.0	4.466	0.000	0	0	0	0
L		A2		0.12C	117.0	0.00	2.96	81.80	0	9	3	93					0	0	0	0 L
L SEC-3	725	A1	2/0 - 7 St	0.12C	117.6	0.79	2.44	43.40	15	5	2	93	0.10	1.0	4.494	0.028	0	0	0	0 L
L		A2		0.12C	115.7	1.30	4.26	52.36	19	6	2	93					0	0	0	0 L
L 726	SEC-3	A1	Node	0.12C	117.6	0.00	2.44	43.40	0	5	2	93	0.00	0.0	4.494	0.000	0	0	0	0 L
L		A2		0.12C	115.7	0.00	4.26	52.36	0	6	2	93					0	0	0	0 L

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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	kW Loss	% Loss	mi From Src	Length (mi)	KW	KVAR	Cons On	Cons Thru	
L 6261	726	A1	Node	0.12C	117.6	0.00	2.44	18.70	0	2	1	89	0.00	0.0	4.494	0.000	2	1	0	0 L
L		A2		0.12C	115.7	0.00	4.26	27.65	0	3	1	95					3	1	0	0 L
L 6262	726	A1	Node	0.12C	117.6	0.00	2.44	24.81	0	3	1	95	0.00	0.0	4.494	0.000	5	3	0	0 L
L		A2		0.12C	115.7	0.00	4.26	24.81	0	3	1	90					0	0	0	0 L
6251	725	A1	Node	0.12C	118.3	0.00	1.65	19.21	0	2	1	89	0.00	0.0	4.466	0.000	2	1	0	0
L		A2		0.12C	117.0	0.00	2.96	12.94	0	1	0	95					1	0	0	0 L
6252	725	A1	Node	0.12C	118.3	0.00	1.65	16.52	0	2	1	89	0.00	0.0	4.466	0.000	4	1	0	0
L		A2		0.12C	117.0	0.00	2.96	16.52	0	2	1	93					0	0	0	0 L
6241	724	A1	Node	0.12C	120.0	0.00	-0.04	31.73	0	4	1	97	0.00	0.0	4.438	0.000	4	1	0	0
		A2		0.12C	118.9	0.00	1.12	48.33	0	5	2	95					5	2	0	0
6242	724	A1	Node	0.12C	120.0	0.00	-0.04	42.33	0	5	2	93	0.00	0.0	4.438	0.000	9	4	0	0
		A2		0.12C	118.9	0.00	1.12	42.33	0	5	2	90					0	0	0	0
SEC-4	720	A1	2/0 - 7 St	0.12C	121.0	2.05	-1.00	96.83	34	11	4	94	0.43	1.9	4.438	0.028	0	0	0	0
		A2		0.12C	120.7	2.33	-0.67	101.72	36	12	4	94					0	0	0	0
721	SEC-4	A1	Node	0.12C	121.0	0.00	-1.00	96.83	0	11	4	94	0.00	0.0	4.438	0.000	0	0	0	0
		A2		0.12C	120.7	0.00	-0.67	101.72	0	12	4	94					0	0	0	0
SEC-5	721	A1	2/0 - 7 St	0.12C	119.7	1.32	0.31	56.55	20	7	2	96	0.13	1.0	4.466	0.028	0	0	0	0
		A2		0.12C	119.6	1.10	0.42	52.58	19	6	2	95					0	0	0	0
722	SEC-5	A1	Node	0.12C	119.7	0.00	0.31	56.55	0	6	2	95	0.00	0.0	4.466	0.000	0	0	0	0
		A2		0.12C	119.6	0.00	0.42	52.58	0	6	2	95					0	0	0	0
SEC-6	722	A1	2/0 - 7 St	0.12C	119.4	0.27	0.59	16.10	6	2	1	89	0.01	0.4	4.494	0.028	0	0	0	0
		A2		0.12C	119.1	0.51	0.93	19.57	7	2	1	93					0	0	0	0
723	SEC-6	A1	Node	0.12C	119.4	0.00	0.59	16.10	0	2	1	89	0.00	0.0	4.494	0.000	0	0	0	0
		A2		0.12C	119.1	0.00	0.93	19.57	0	2	1	93					0	0	0	0

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

Unbalanced Voltage Drop Report
Source: 115 kV Source

Database: C:\USERS\BILL\DOCUMENTS\IEEE COMP FEEDER OCT 2012\REVISED IEEE COMP FEEDER.WM\
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Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																KW	KVAR	Cons On	Cons Thru	
6231	723	A1	Node	0.12C	119.4	0.00	0.59	6.96	0	1	0	100	0.00	0.0	4.494	0.000	1	0	0	0
		A2		0.12C	119.1	0.00	0.93	10.44	0	1	0	95					1	0	0	0
6232	723	A1	Node	0.12C	119.4	0.00	0.59	9.17	0	1	0	100	0.00	0.0	4.494	0.000	2	1	0	0
		A2		0.12C	119.1	0.00	0.93	9.17	0	1	0	90					0	0	0	0
6221	722	A1	Node	0.12C	119.7	0.00	0.31	22.33	0	3	1	95	0.00	0.0	4.466	0.000	3	1	0	0
		A2		0.12C	119.6	0.00	0.42	14.89	0	2	1	95					2	1	0	0
6222	722	A1	Node	0.12C	119.7	0.00	0.31	18.22	0	2	1	89	0.00	0.0	4.466	0.000	4	1	0	0
		A2		0.12C	119.6	0.00	0.42	18.22	0	2	1	97					0	0	0	0
6211	721	A1	Node	0.12C	121.0	0.00	-1.00	17.41	0	2	1	89	0.00	0.0	4.438	0.000	2	1	0	0
		A2		0.12C	120.7	0.00	-0.67	26.26	0	3	1	95					3	1	0	0
6212	721	A1	Node	0.12C	121.0	0.00	-1.00	23.04	0	3	1	95	0.00	0.0	4.438	0.000	5	2	0	0
		A2		0.12C	120.7	0.00	-0.67	23.04	0	3	1	90					0	0	0	0
6201	720	A1	Node	0.12C	123.1	0.00	-3.05	13.41	0	2	1	89	0.00	0.0	4.409	0.000	2	1	0	0
		A2		0.12C	123.0	0.00	-3.00	20.18	0	2	1	95					2	1	0	0
6202	720	A1	Node	0.12C	123.1	0.00	-3.05	17.70	0	2	1	89	0.00	0.0	4.409	0.000	4	2	0	0
		A2		0.12C	123.0	0.00	-3.00	17.70	0	2	1	90					0	0	0	0
OH-6	717	A	#1/0 ACSR	14.26Y	119.0	3.38	0.97	80.82	35	1107	425	93	91.33	2.6	7.197	3.788	50	15	0	0
		B		14.33Y	119.6	2.80	0.36	77.96	34	1118	241	98					35	10	0	0
		C		14.06Y	117.4	4.22	2.62	96.80	42	1350	408	96					10	5	0	0
727	OH-6	A	Node	14.26Y	119.0	0.00	0.97	77.20	0	1029	390	94	0.00	0.0	7.197	0.000	0	0	0	0
		B		14.33Y	119.6	0.00	0.36	75.44	0	1060	213	98					0	0	0	0
		C		14.06Y	117.4	0.00	2.62	96.02	0	1298	371	96					0	0	0	0
L T3	727	A-B	Transforme	0.23D	116.2	2.80	3.77	1.25	72	15	9	86	-0.00	0.0	7.197	0.000	0	0	0	0
		B-C		0.23D	116.2	3.44	3.80	0.96	138	10	9	73					0	0	0	0
		C-A		0.23D	115.1	2.27	4.89	0.95	137	12	5	93					0	0	0	0

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Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																Cons	Cons	On	Thru	
L 728	T3	A-B	Node	0.23D	116.2	0.00	3.77	119.99	0	15	6	93	0.00	0.0	7.197	0.000	20	10	0	0 L
L		B-C		0.23D	116.2	0.00	3.80	120.57	0	12	11	76					8	5	0	0 L
L		C-A		0.23D	115.1	0.00	4.89	86.60	0	10	6	85					10	9	0	0 L
UG-10	727	B	2/0 AA CN	14.33Y	119.6	0.01	0.37	6.06	0	86	14	99	0.01	0.0	7.386	0.189	0	0	0	0
729	UG-10	B	Node	14.33Y	119.6	0.00	0.37	6.10	0	86	17	98	0.00	0.0	7.386	0.000	0	0	0	0
L T23	729	B-C	Transforme	0.24D	118.0	1.64	2.01	6.10	88	86	17	98	0.77	0.9	7.386	0.000	0	0	0	0 L
L 730	T23	B-C	Node	0.24D	118.0	0.00	2.01	365.76	0	85	15	98	0.00	0.0	7.386	0.000	85	15	0	0 L
L OH-7	727	A	#1/0 ACSR	13.93Y	116.3	2.72	3.70	75.61	33	1011	374	94	72.38	2.2	10.559	3.362	25	12	0	0 L
L		B		14.07Y	117.5	2.16	2.52	68.47	30	962	195	98					15	5	0	0 L
L		C		13.62Y	113.6	3.73	6.35	95.60	42	1294	365	96					30	20	0	0 L
L 731	OH-7	A	Node	13.93Y	116.3	0.00	3.70	73.74	0	967	346	94	0.00	0.0	10.559	0.000	0	0	0	0 L
L		B		14.07Y	117.5	0.00	2.52	67.40	0	932	179	98					0	0	0	0 L
L		C		13.62Y	113.6	0.00	6.35	93.33	0	1230	319	97					0	0	0	0 L
L T4	731	A-B	Transforme	0.23D	227.8	740.70	12.24	1.86	54	24	11	91	0.38	0.9	10.559	0.000	0	0	0	0 L
L		B-C		0.23D	231.6	334.32	8.36	1.14	66	8	14	48					0	0	0	0 L
L		C-A		0.23D	227.6	653.38	12.38	0.92	53	12	-2	-99					0	0	0	0 L
L 732	T4	A-B	Node	0.23D	227.8	0.00	12.24	193.25	0	18	12	83	0.00	0.0	10.559	0.000	0	0	0	0 L
L		B-C		0.23D	231.6	0.00	8.36	147.38	0	16	3	98					0	0	0	0 L
L		C-A		0.23D	227.6	0.00	12.38	54.76	0	9	7	79					0	0	0	0 L
L SEC-7	732	A-B	2/0 - 7 St	0.22D	224.3	3.50	15.74	90.55	32	7	7	71	0.40	1.6	10.587	0.028	0	0	0	0 L
L		B-C		0.23D	229.4	2.23	10.60	80.98	29	9	1	99					0	0	0	0 L
L		C-A		0.23D	225.2	2.44	14.82	54.76	19	9	7	79					0	0	0	0 L
L 733	SEC-7	A-B	Node	0.22D	224.3	0.00	15.74	90.55	0	7	7	71	0.00	0.0	10.587	0.000	0	0	0	0 L
L		B-C		0.23D	229.4	0.00	10.60	80.98	0	9	1	99					0	0	0	0 L
L		C-A		0.23D	225.2	0.00	14.82	54.76	0	9	7	78					0	0	0	0 L

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Unbalanced Voltage Drop Report
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Units Displayed In Volts																						
-Base Voltage:120.0-																						
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----					
																Cons	Cons	On	Thru			
L	Sec-8	733	A-B	2/0 - 7 St	0.22D	222.3	1.98	17.72	49.99	18	3	5	51	0.19	1.1	10.616	0.028	0	0	0	0	L
L			B-C		0.23D	227.4	2.04	12.64	58.07	21	7	0	100					0	0	0	0	L
L			C-A		0.22D	223.4	1.76	16.58	54.76	19	9	7	78					0	0	0	0	L
L	734	Sec-8	A-B	Node	0.22D	222.3	0.00	17.72	49.99	0	3	5	51	0.00	0.0	10.616	0.000	0	0	0	0	L
L			B-C		0.23D	227.4	0.00	12.64	58.07	0	6	0	100					0	0	0	0	L
L			C-A		0.22D	223.4	0.00	16.58	54.76	0	8	7	78					0	0	0	0	L
L	Motor 4	734	A-B	Motor	0.22D	222.3	0.00	17.72	49.99	0	3	5	51	slip = 3.5000 Percent Pin = 17.4 kw 11.9 kvar				L				
L			B-C		0.23D	227.4	0.00	12.64	58.07	0	6	0	100	Pconv = 16.1 kw 0.0 kvar				L				
L			C-A		0.22D	223.4	0.00	16.58	54.76	0	8	7	78	lossS = 0.7 kW lossR = 0.6 kW HP = 21.6				L				
L	6331	733	A1	Node	0.11C	111.6	0.00	8.39	35.83	0	4	2	89	0.00	0.0	10.587	0.000	4	2	0	0	L
L			A2		0.11C	112.7	0.00	7.35	13.45	0	1	0	95					1	0	0	0	L
L	6332	733	A1	Node	0.11C	111.6	0.00	8.39	10.14	0	1	0	100	0.00	0.0	10.587	0.000	2	1	0	0	L
L			A2		0.11C	112.7	0.00	7.35	10.14	0	1	0	95					0	0	0	0	L
L	6321	732	A1	Node	0.11C	113.8	0.00	6.24	88.88	0	9	4	91	0.00	0.0	10.559	0.000	9	4	0	0	L
L			A2		0.11C	114.0	0.00	6.00	50.42	0	5	2	95					5	2	0	0	L
L	6322	732	A1	Node	0.11C	113.8	0.00	6.24	16.72	0	2	1	89	0.00	0.0	10.559	0.000	4	1	0	0	L
L			A2		0.11C	114.0	0.00	6.00	16.72	0	2	1	96					0	0	0	0	L
L	OH-8	731	A	#1/0 ACSR	13.88Y	115.9	0.44	4.14	71.89	31	944	336	94	11.59	0.4	11.127	0.568	0	0	0	0	L
L			B		14.03Y	117.1	0.36	2.88	66.68	29	924	165	98					0	0	0	0	L
L			C		13.54Y	113.0	0.61	6.97	92.48	40	1218	321	97					0	0	0	0	L
L	735	OH-8	A	Node	13.88Y	115.9	0.00	4.14	71.89	0	940	333	94	0.00	0.0	11.127	0.000	0	0	0	0	L
L			B		14.03Y	117.1	0.00	2.88	66.68	0	921	163	98					0	0	0	0	L
L			C		13.54Y	113.0	0.00	6.97	92.48	0	1212	316	97					0	0	0	0	L
H	Reg 2	735	A	Reg-2	15.11Y	126.1	-10.25	-6.11	71.89	72	940	333	94	percent Boost= 8.12 Tap=13.0				0	H			
			B		15.07Y	125.8	-8.65	-5.77	66.68	67	921	163	98	percent Boost= 6.88 Tap=11.0				0				
C			C		15.05Y	125.6	-12.56	-5.59	92.48	92	1212	316	97	percent Boost=10.00 Tap=16.0				0	C			

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Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																KW	KVAR	Cons On	Cons Thru	
H 736	Reg 2	A	Node	15.11Y	126.1	0.00	-6.11	66.04	0	940	333	94	0.00	0.0	11.127	0.000	0	0	0	0 H
		B		15.07Y	125.8	0.00	-5.77	62.09	0	921	163	98					0	0	0	0
		C		15.05Y	125.6	0.00	-5.59	83.23	0	1212	316	97					0	0	0	0
P OH-24	736	B	#1/0 ACSR	15.03Y	125.5	0.31	-5.46	4.93	2	52	53	70	0.23	0.2	14.347	3.220	0	0	0	0 P
		C		15.04Y	125.6	0.03	-5.56	5.02	2	68	-32	-91					0	0	0	0
P 737	OH-24	B	Node	15.03Y	125.5	0.00	-5.46	4.93	0	52	53	70	0.00	0.0	14.347	0.000	0	0	0	0 P
		C		15.04Y	125.6	0.00	-5.56	5.02	0	68	-32	-91					0	0	0	0
UG-4	737	B	1/0 AA, TS	15.03Y	125.4	0.02	-5.43	1.48	1	22	3	99	0.01	0.0	15.294	0.947	0	0	0	0
P		C		15.04Y	125.6	0.01	-5.55	1.89	1	20	-20	-71					0	0	0	0 P
P 738	UG-4	B	Node	15.03Y	125.4	0.00	-5.43	2.05	0	22	21	72	0.00	0.0	15.294	0.000	0	0	0	0 P
		C		15.04Y	125.6	0.00	-5.55	1.34	0	20	-1	-100					0	0	0	0
T6	738	A-B	Transforme	0.24D	244.0	4.31	-3.96	0.00	0	0	0	100	0.27	0.6	15.294	0.000	0	0	0	0
P		B-C		0.25D	247.6	4.71	-7.56	2.05	59	22	21	72					0	0	0	0 P
		C-A		0.25D	249.8	1.26	-9.77	1.34	39	20	-1	-100					0	0	0	0
739	T6	A-B	Node	0.24D	244.0	0.00	-3.96	80.62	0	15	8	88	0.00	0.0	15.294	0.000	0	0	0	0
P		B-C		0.25D	247.6	0.00	-7.56	126.82	0	11	11	73					0	0	0	0 P
		C-A		0.25D	249.8	0.00	-9.77	122.13	0	15	2	99					0	0	0	0
7932	739	B1	Node	0.12C	123.8	0.00	-3.76	23.31	0	3	1	95	0.00	0.0	15.294	0.000	5	3	0	0
		B2		0.12C	123.8	0.00	-3.80	23.31	0	3	1	90					0	0	0	0
7391	739	B1	Node	0.12C	123.8	0.00	-3.76	29.64	0	3	1	95	0.00	0.0	15.294	0.000	4	1	0	0
		B2		0.12C	123.8	0.00	-3.80	20.44	0	2	1	95					2	1	0	0
7393	739	A-B	Node	0.24D	244.0	0.00	-3.96	80.62	0	15	8	88	0.00	0.0	15.294	0.000	10	5	0	0
P		B-C		0.25D	247.6	0.00	-7.56	80.25	0	5	8	54					10	5	0	0 P
		C-A		0.25D	249.8	0.00	-9.77	81.19	0	10	0	-100					10	5	0	0

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-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	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----					
																Cons	Cons	On	Thru		
T5	737	A-B	Transforme	0.24D	119.6	4.54	0.37	0.00	0	0	0	100	1.19	1.5	14.347	0.000	0	0	0	0	
C		B-C		0.24D	122.4	3.73	-2.42	3.89	112	30	50	51					0	0	0	0	C
C		C-A		0.25D	124.7	-0.38	-4.65	3.30	95	48	-12	-97					0	0	0	0	C
740	T5	A-B	Node	0.24D	119.6	0.00	0.37	198.26	0	27	7	97	0.00	0.0	14.347	0.000	35	15	0	0	
		B-C		0.24D	122.4	0.00	-2.42	233.12	0	28	15	88					25	10	0	0	
		C-A		0.25D	124.7	0.00	-4.65	177.73	0	22	14	84					15	10	0	0	
H Cap 1	736	A	Cap (300)	15.11Y	126.1	0.00	-6.11	-7.31	0	0	-110	0	0.00	0.0	11.127	0.000	0	0	0	0	H
P		B		15.07Y	125.8	0.00	-5.77	-7.29	0	0	-110	0					0	0	0	0	P
		C		15.05Y	125.6	0.00	-5.59	-7.28	0	0	-110	0					0	0	0	0	
OH-9	736	A	#1/0 ACSR	14.93Y	124.6	1.51	-4.60	68.83	30	940	444	90	31.87	1.1	13.021	1.894	0	0	0	0	
		B		14.94Y	124.7	1.02	-4.75	59.50	26	869	220	97					0	0	0	0	
		C		14.82Y	123.7	1.91	-3.69	81.85	36	1143	458	93					0	0	0	0	
741	OH-9	A	Node	14.93Y	124.6	0.00	-4.60	68.83	0	930	436	91	0.00	0.0	13.021	0.000	0	0	0	0	
		B		14.94Y	124.7	0.00	-4.75	59.50	0	863	215	97					0	0	0	0	
		C		14.82Y	123.7	0.00	-3.69	81.85	0	1128	447	93					0	0	0	0	
OH-10	741	A	#1/0 ACSR	14.91Y	124.4	0.18	-4.43	28.78	13	383	194	89	1.86	0.2	13.589	0.568	0	0	0	0	
		B		14.93Y	124.6	0.13	-4.62	24.29	11	333	143	92					0	0	0	0	
		C		14.78Y	123.4	0.29	-3.39	38.30	17	485	294	86					0	0	0	0	
742	OH-10	A	Node	14.91Y	124.4	0.00	-4.43	28.78	0	383	194	89	0.00	0.0	13.589	0.000	0	0	0	0	
		B		14.93Y	124.6	0.00	-4.62	24.29	0	333	143	92					0	0	0	0	
		C		14.78Y	123.4	0.00	-3.39	38.30	0	484	293	86					0	0	0	0	
OH-11	742	A	#1/0 ACSR	14.83Y	123.8	0.67	-3.76	22.58	10	301	151	89	4.04	0.4	19.271	5.682	300	150	0	0	
		B		14.88Y	124.2	0.45	-4.17	18.08	8	251	100	93					250	100	0	0	
		C		14.63Y	122.1	1.25	-2.14	32.13	14	403	252	85					400	250	0	0	
744	OH-11	A	Node	14.83Y	123.8	0.00	-3.76	0.00	0	0	0	100	0.00	0.0	19.271	0.000	0	0	0	0	
		B		14.88Y	124.2	0.00	-4.17	0.00	0	0	0	100					0	0	0	0	
		C		14.63Y	122.1	0.00	-2.14	0.00	0	0	0	100					0	0	0	0	

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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	kW Loss	% Loss	mi From Src	Length (mi)	KW	KVAR	Cons On	Cons Thru	
SW-2-B	744	A	Open	14.83Y	123.8	0.00	-3.76	0.00	0	0	0	100	0.00	0.0	19.271	0.000	0	0	0	0
		B		14.88Y	124.2	0.00	-4.17	0.00	0	0	0	100				0	0	0	0	
		C		14.63Y	122.1	0.00	-2.14	0.00	0	0	0	100				0	0	0	0	
C T7	742	A-B	Transforme	0.24D	121.6	2.19	-1.55	6.20	89	82	43	89	2.40	1.0	13.589	0.000	0	0	0	0 C
C		B-C		0.25D	122.9	2.19	-2.92	6.24	90	83	43	89				0	0	0	0 C	
C		C-A		0.24D	121.4	2.17	-1.41	6.20	89	82	41	89				0	0	0	0 C	
743	T7	A-B	Node	0.24D	121.6	0.00	-1.55	642.92	0	81	41	89	0.00	0.0	13.589	0.000	80	40	0	0
		B-C		0.25D	122.9	0.00	-2.92	646.96	0	81	41	89				80	40	0	0	
		C-A		0.24D	121.4	0.00	-1.41	646.58	0	82	40	90				80	40	0	0	
SW-1	741	A	Closed	14.93Y	124.6	0.00	-4.60	40.07	0	547	242	91	0.00	0.0	13.021	0.000	0	0	0	0
		B		14.94Y	124.7	0.00	-4.75	35.74	0	529	72	99				0	0	0	0	
		C		14.82Y	123.7	0.00	-3.69	44.54	0	642	153	97				0	0	0	0	
SW-1-B	SW-1	A	Closed	14.93Y	124.6	0.00	-4.60	40.07	0	547	242	91	0.00	0.0	13.021	0.000	0	0	0	0
		B		14.94Y	124.7	0.00	-4.75	35.74	0	529	72	99				0	0	0	0	
		C		14.82Y	123.7	0.00	-3.69	44.54	0	642	153	97				0	0	0	0	
745	SW-1-B	A	Node	14.93Y	124.6	0.00	-4.60	40.07	0	547	242	91	0.00	0.0	13.021	0.000	0	0	0	0
		B		14.94Y	124.7	0.00	-4.75	35.74	0	529	72	99				0	0	0	0	
		C		14.82Y	123.7	0.00	-3.69	44.54	0	642	153	97				0	0	0	0	
OH-12	745	A	#1/0 ACSR	14.92Y	124.5	0.08	-4.52	40.07	17	547	242	91	0.86	0.1	13.182	0.161	10	7	0	0
		B		14.94Y	124.7	0.05	-4.70	35.74	16	529	72	99				10	7	0	0	
		C		14.81Y	123.6	0.08	-3.61	44.54	19	642	153	97				10	7	0	0	
746	OH-12	A	Node	14.92Y	124.5	0.00	-4.52	39.24	0	537	234	92	0.00	0.0	13.182	0.000	0	0	0	0
		B		14.94Y	124.7	0.00	-4.70	34.99	0	519	64	99				0	0	0	0	
		C		14.81Y	123.6	0.00	-3.61	43.75	0	631	145	97				0	0	0	0	
OH-13	746	A	#1/0 ACSR	14.71Y	122.8	1.76	-2.77	39.24	17	537	234	92	19.06	1.1	16.970	3.788	35	15	0	0
		B		14.81Y	123.6	1.11	-3.59	34.99	15	519	64	99				25	12	0	0	
		C		14.59Y	121.8	1.78	-1.83	43.75	19	631	145	97				20	8	0	0	

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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----					
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss		% Loss	Length (mi)	KW	KVAR	Cons On	Cons Thru
747	OH-13	A	Node	14.71Y	122.8	0.00	-2.77	37.22	0	500	222	91	0.00	0.0	16.970	0.000	0	0	0	0
		B		14.81Y	123.6	0.00	-3.59	32.91	0	485	44	100					0	0	0	0
		C		14.59Y	121.8	0.00	-1.83	42.17	0	602	128	98					0	0	0	0
OH-14	747	A	#1/0 ACSR	14.70Y	122.7	0.04	-2.73	33.27	14	444	207	91	0.36	0.0	17.068	0.098	0	0	0	0
		B		14.80Y	123.6	0.02	-3.57	27.60	12	409	1	100					0	0	0	0
		C		14.59Y	121.8	0.04	-1.79	38.78	17	560	84	99					50	25	0	0
749	OH-14	A	Node	14.70Y	122.7	0.00	-2.73	31.37	0	425	179	92	0.00	0.0	17.068	0.000	0	0	0	0
		B		14.80Y	123.6	0.00	-3.57	27.60	0	409	0	100					0	0	0	0
		C		14.59Y	121.8	0.00	-1.79	36.56	0	526	86	99					0	0	0	0
OH-15	749	A	#1/0 ACSR	14.71Y	122.8	-0.09	-2.82	-3.84	2	-49	29	-86	0.23	0.2	21.424	4.356	0	0	0	0
		B		14.81Y	123.6	-0.06	-3.63	-4.01	2	-50	32	-84					0	0	0	0
		C		14.60Y	121.9	-0.08	-1.87	-4.05	2	-51	30	-86					0	0	0	0
750	OH-15	A	Node	14.71Y	122.8	0.00	-2.82	-3.84	0	-49	29	-86	0.00	0.0	21.424	0.000	0	0	0	0
		B		14.81Y	123.6	0.00	-3.63	-4.01	0	-50	32	-84					0	0	0	0
		C		14.60Y	121.9	0.00	-1.87	-4.05	0	-51	30	-86					0	0	0	0
T9	750	A-B	Transforme	0.49D	123.3	0.26	-3.30	-3.84	33	-49	29	-86	0.47	0.3	21.424	0.000	0	0	0	0
		B-C		0.49D	123.0	0.27	-2.99	-4.01	35	-50	32	-84					0	0	0	0
		C-A		0.49D	121.3	0.21	-1.27	-4.05	35	-51	30	-86					0	0	0	0
751	T9	A-B	Node	0.49D	123.3	0.00	-3.30	-199.29	0	-49	28	-87	0.00	0.0	21.424	0.000	0	0	0	0
		B-C		0.49D	123.0	0.00	-2.99	-208.17	0	-50	32	-84					0	0	0	0
		C-A		0.49D	121.3	0.00	-1.27	-209.97	0	-51	29	-87					0	0	0	0
Gen	751	A-B	Motor	0.49D	123.3	0.00	-3.30	-199.29	0	-49	28	-87	slip = -5.9840 Percent Pin =-150.0 kw 89.4 kvar							
		B-C		0.49D	123.0	0.00	-2.99	-208.17	0	-50	32	-84	Pconv =-172.5 kw -0.0 kvar							
		C-A		0.49D	121.3	0.00	-1.27	-209.97	0	-51	29	-87	lossS = 12.7 kW lossR = 9.8 kW HP =-231.2							
OH-16	749	A	#1/0 ACSR	14.46Y	120.7	2.02	-0.71	33.82	15	474	150	95	17.93	1.2	23.697	6.629	100	50	0	0
		B		14.66Y	122.4	1.17	-2.40	31.05	13	458	-32	-100					200	60	0	0
		C		14.36Y	119.9	1.93	0.15	39.75	17	577	56	100					300	180	0	0

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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
752	OH-16	A	Node	14.46Y	120.7	0.00	-0.71	21.23	0	305	-31	-99	0.00	0.0	23.697	0.000	0	0	0	0
		B		14.66Y	122.4	0.00	-2.40	20.71	0	297	-64	-98					0	0	0	0
		C		14.36Y	119.9	0.00	0.15	19.95	0	284	-38	-99					0	0	0	0
OH-17	752	A	#1/0 ACSR	14.46Y	120.7	0.02	-0.69	21.23	9	305	-31	-99	0.14	0.0	23.792	0.095	0	0	0	0
		B		14.66Y	122.4	0.01	-2.38	20.71	9	297	-64	-98					0	0	0	0
		C		14.36Y	119.8	0.02	0.16	19.95	9	284	-38	-99					0	0	0	0
753	OH-17	A	Node	14.46Y	120.7	0.00	-0.69	21.23	0	305	-31	-99	0.00	0.0	23.792	0.000	0	0	0	0
		B		14.66Y	122.4	0.00	-2.38	20.71	0	297	-64	-98					0	0	0	0
		C		14.36Y	119.8	0.00	0.16	19.95	0	284	-38	-99					0	0	0	0
P T10	753	A	Transforme	19.85Y	119.6	1.11	0.42	4.10	35	46	-38	-77	0.51	0.3	23.792	0.000	0	0	0	0 P
		B		20.31Y	122.3	0.05	-2.33	4.89	42	67	-26	-93					0	0	0	0
		C		20.17Y	121.5	-1.68	-1.52	3.26	28	44	-15	-95					0	0	0	0
754	T10	A	Node	19.85Y	119.6	0.00	0.42	2.32	0	38	-26	-83	0.00	0.0	23.792	0.000	0	0	0	0
		B		20.31Y	122.3	0.00	-2.33	3.50	0	60	-38	-84					0	0	0	0
		C		20.17Y	121.5	0.00	-1.52	3.01	0	59	-16	-97					0	0	0	0
OH-18	754	A	#1/0 ACSR	19.85Y	119.6	0.01	0.42	2.32	1	38	-26	-83	0.03	0.0	24.739	0.947	0	0	0	0
		B		20.30Y	122.3	0.01	-2.32	3.50	2	60	-38	-84					0	0	0	0
		C		20.17Y	121.5	0.02	-1.51	3.01	1	59	-16	-97					0	0	0	0
755	OH-18	A	Node	19.85Y	119.6	0.00	0.42	2.32	0	38	-26	-83	0.00	0.0	24.739	0.000	0	0	0	0
		B		20.30Y	122.3	0.00	-2.32	3.50	0	60	-39	-84					0	0	0	0
		C		20.17Y	121.5	0.00	-1.51	3.01	0	59	-16	-97					0	0	0	0
T11	755	A	Transforme	0.12Y	118.9	0.73	1.15	2.23	44	38	23	86	1.09	0.7	24.739	0.000	0	0	0	0
		B		0.12Y	120.0	2.29	-0.03	3.02	60	60	13	98					0	0	0	0
		C		0.12Y	120.9	0.63	-0.88	3.41	68	59	36	85					0	0	0	0
756	T11	A	Node	0.12Y	118.9	0.00	1.15	444.46	0	49	20	93	0.00	0.0	24.739	0.000	50	20	0	0
		B		0.12Y	120.0	0.00	-0.03	279.59	0	30	15	89					30	15	0	0
		C		0.12Y	120.9	0.00	-0.88	694.77	0	76	36	91					75	35	0	0

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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	-----Element-----			
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss	Length (mi)	KW		KVAR	Cons On	Cons Thru	
Cap 2	755	A	Cap (150)	19.85Y	119.6	0.00	0.42	-2.50	0	0	-50	0	0.00	0.0	24.739	0.000	0	0	0	0	
		B		20.30Y	122.3	0.00	-2.32	-2.56	0	0	-52	0					0	0	0	0	
P		C		20.17Y	121.5	0.00	-1.51	-2.54	0	0	-51	0					0	0	0	0 P	
OH-19	753	A	#1/0 ACSR	14.44Y	120.5	0.18	-0.51	17.96	8	260	7	100	0.89	0.1	24.720	0.928	0	0	0	0	
		B		14.65Y	122.3	0.09	-2.29	15.91	7	230	-38	-99					0	0	0	0	
		C		14.34Y	119.7	0.14	0.30	16.76	7	239	-23	-100					0	0	0	0	
757	OH-19	A	Node	14.44Y	120.5	0.00	-0.51	17.96	0	259	7	100	0.00	0.0	24.720	0.000	0	0	0	0	
		B		14.65Y	122.3	0.00	-2.29	15.91	0	230	-38	-99					0	0	0	0	
		C		14.34Y	119.7	0.00	0.30	16.76	0	239	-23	-100					0	0	0	0	
OH-20	757	A	#2 ACSR 6/	14.44Y	120.5	0.02	-0.49	2.84	2	35	21	86	0.00	0.0	25.023	0.303	0	0	0	0	
758	OH-20	A	Node	14.44Y	120.5	0.00	-0.49	2.84	0	35	21	86	0.00	0.0	25.023	0.000	0	0	0	0	
C T12	758	A-B	Transforme	0.24D	118.5	2.02	1.52	2.84	82	35	21	86	0.37	1.0	25.023	0.000	0	0	0	0 C	
759	T12	A-B	Node	0.24D	118.5	0.00	1.52	170.12	0	35	20	87	0.00	0.0	25.023	0.000	35	20	0	0	
OH-21	757	A	#1/0 ACSR	14.42Y	120.3	0.16	-0.35	15.53	7	224	-14	-100	0.95	0.1	25.818	1.098	0	0	0	0	
		B		14.64Y	122.2	0.12	-2.17	15.91	7	230	-38	-99					0	0	0	0	
		C		14.32Y	119.5	0.16	0.47	16.76	7	239	-23	-100					0	0	0	0	
760	OH-21	A	Node	14.42Y	120.3	0.00	-0.35	15.53	0	223	-14	-100	0.00	0.0	25.818	0.000	0	0	0	0	
		B		14.64Y	122.2	0.00	-2.17	15.91	0	230	-38	-99					0	0	0	0	
		C		14.32Y	119.5	0.00	0.47	16.76	0	239	-23	-100					0	0	0	0	
OH-22	760	A	#1/0 ACSR	14.40Y	120.2	0.14	-0.21	14.11	6	193	64	95	0.61	0.1	26.670	0.852	0	0	0	0	
		B		14.62Y	122.0	0.12	-2.04	14.69	6	207	57	96					0	0	0	0	
		C		14.30Y	119.4	0.15	0.61	14.82	6	201	68	95					0	0	0	0	
765	OH-22	A	Node	14.40Y	120.2	0.00	-0.21	14.11	0	193	63	95	0.00	0.0	26.670	0.000	0	0	0	0	
		B		14.62Y	122.0	0.00	-2.04	14.69	0	207	56	96					0	0	0	0	
		C		14.30Y	119.4	0.00	0.61	14.82	0	201	68	95					0	0	0	0	

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Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																KW	KVAR	Cons On	Cons Thru	
77b	765	A	Node	14.40Y	120.2	0.00	-0.21	12.04	0	161	65	93	0.00	0.0	26.670	0.000	0	0	0	0
		B		14.62Y	122.0	0.00	-2.04	10.89	0	156	30	98					0	0	0	0
		C		14.30Y	119.4	0.00	0.61	13.13	0	183	41	98					0	0	0	0
L T20	77b	A-B	Transforme	12.21D	117.5	2.75	2.54	11.99	104	158	60	93	-0.00	0.0	26.670	0.000	0	0	0	0 L
C		B-C		12.51D	120.4	1.65	-0.39	11.03	95	157	27	99					0	0	0	0 C
L		C-A		12.19D	117.3	2.04	2.65	13.23	114	183	34	98					0	0	0	0 L
L 766	T20	A-B	Node	12.21D	117.5	0.00	2.54	26.23	0	175	53	96	0.00	0.0	26.670	0.000	0	0	0	0 L
		B-C		12.51D	120.4	0.00	-0.39	21.78	0	149	46	95					0	0	0	0
L		C-A		12.19D	117.3	0.00	2.65	24.48	0	174	21	99					0	0	0	0 L
L 766b	766	A-B	Node	12.21D	117.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	26.670	0.000	0	0	0	0 L
		B-C		12.51D	120.4	0.00	-0.39	0.00	0	0	0	100					0	0	0	0
L		C-A		12.19D	117.3	0.00	2.65	0.00	0	0	0	100					0	0	0	0 L
Reg-3	766	A-B	Reg-3	12.60D	121.2	-3.79	-1.25	26.23	52	175	53	96	percent Boost=	3.12	Tap=	5.0				0
		B-C		12.63D	121.5	-1.13	-1.52	21.78	44	149	46	95	percent Boost=	0.00	Tap=	0.0				0
		C-A		12.62D	121.5	-4.12	-1.47	24.48	49	174	21	99	percent Boost=	1.88	Tap=	3.0				0
767	Reg-3	A-B	Node	12.60D	121.2	0.00	-1.25	25.12	0	175	53	96	0.00	0.0	26.670	0.000	0	0	0	0
		B-C		12.63D	121.5	0.00	-1.52	21.39	0	150	42	96					0	0	0	0
		C-A		12.62D	121.5	0.00	-1.47	24.02	0	173	26	99					0	0	0	0
OH-26	767	A-B	#2 ACSR 6/	12.53D	120.6	0.69	-0.56	25.12	14	175	53	96	2.77	0.6	27.655	0.985	0	0	0	0
		B-C		12.56D	120.9	0.64	-0.88	21.39	12	150	42	96					0	0	0	0
		C-A		12.54D	120.7	0.79	-0.68	24.02	13	173	26	99					0	0	0	0
768	OH-26	A-B	Node	12.53D	120.6	0.00	-0.56	25.12	0	174	53	96	0.00	0.0	27.655	0.000	0	0	0	0
		B-C		12.56D	120.9	0.00	-0.88	21.39	0	149	41	96					0	0	0	0
		C-A		12.54D	120.7	0.00	-0.68	24.02	0	172	25	99					0	0	0	0
Cap-4	768	A-B	Cap (150)	12.53D	120.6	0.00	-0.56	-6.98	0	0	-50	0	0.00	0.0	27.655	0.000	0	0	0	0
		B-C		12.56D	120.9	0.00	-0.88	-6.99	0	0	-51	0					0	0	0	0
P		C-A		12.54D	120.7	0.00	-0.68	-6.99	0	0	-51	0					0	0	0	0 P

Unbalanced Voltage Drop Report
Source: 115 kV Source

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Case:

		Units Displayed In Volts															-----Element-----					
		-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	KW	KVAR	Cons On	Cons Thru		
L	T15	768	A-B	Transforme	0.24D	117.8	2.77	2.21	27.38	118	170	102	86	4.38	1.0	27.655	0.000	0	0	0	0	L
C			B-C		0.24D	118.9	1.94	1.06	21.60	93	127	92	81				0	0	0	0	C	
C			C-A		0.24D	118.3	2.36	1.69	23.31	101	158	60	94				0	0	0	0	C	
L	770	T15	A-B	Node	0.24D	117.8	0.00	2.21	1422.59	0	168	96	87	0.00	0.0	27.655	0.000	150	100	0	0	L
			B-C		0.24D	118.9	0.00	1.06	1122.18	0	126	88	82				125	60	0	0		
			C-A		0.24D	118.3	0.00	1.69	1210.89	0	157	56	94				175	80	0	0		
	T22	768	A-B	Transforme	0.24D	240.5	0.65	-0.47	0.61	18	4	1	97	0.27	0.7	27.655	0.000	0	0	0	0	
			B-C		0.24D	239.2	2.55	0.78	3.12	45	23	0	100				0	0	0	0		
C			C-A		0.24D	239.8	1.59	0.24	2.99	86	14	16	66				0	0	0	0	C	
	769	T22	A-B	Node	0.24D	240.5	0.00	-0.47	31.69	0	6	1	99	0.00	0.0	27.655	0.000	0	0	0	0	
			B-C		0.24D	239.2	0.00	0.78	158.41	0	15	11	81				0	0	0	0		
			C-A		0.24D	239.8	0.00	0.24	164.06	0	19	4	97				0	0	0	0		
	7691	769	B1	Node	0.12C	119.6	0.00	0.38	48.59	0	5	3	86	0.00	0.0	27.655	0.000	5	3	0	0	
			B2		0.12C	119.6	0.00	0.41	66.67	0	8	0	-100				8	0	0	0		
	7692	769	B1	Node	0.12C	119.6	0.00	0.38	46.58	0	5	2	93	0.00	0.0	27.655	0.000	10	5	0	0	
			B2		0.12C	119.6	0.00	0.41	46.58	0	5	2	89				0	0	0	0		
	7693	769	A-B	Node	0.24D	240.5	0.00	-0.47	31.69	0	6	1	99	0.00	0.0	27.655	0.000	5	2	0	0	
P			B-C		0.24D	239.2	0.00	0.78	65.13	0	5	6	69				10	6	0	0	P	
			C-A		0.24D	239.8	0.00	0.24	53.98	0	6	2	95				3	1	0	0		
	OH-23	765	A	#1/0 ACSR	14.40Y	120.2	0.00	-0.21	2.24	1	32	-2	-100	0.00	0.0	26.833	0.163	0	0	0	0	
			B		14.62Y	122.0	0.01	-2.04	3.91	2	51	26	89				0	0	0	0		
P			C		14.30Y	119.4	0.00	0.62	2.25	1	18	27	54				0	0	0	0	P	
	771	OH-23	A	Node	14.40Y	120.2	0.00	-0.21	2.24	0	32	-2	-100	0.00	0.0	26.833	0.000	0	0	0	0	
			B		14.62Y	122.0	0.00	-2.04	3.91	0	51	26	89				0	0	0	0		
P			C		14.30Y	119.4	0.00	0.62	2.25	0	18	27	54				0	0	0	0	P	

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

Unbalanced Voltage Drop Report
Source: 115 kV Source

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Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																Cons	Cons	On	Thru	
P T19	771	B C	Transforme	0.12Y 0.12Y	120.4 119.9	1.69 -0.55	-0.35 0.07	3.91 2.25	56 32	51 18	26 27	89 54	-31.55 -46.1	26.833	0.000	0 0	0 0	0 0	0 0	
772	T19	B C	Node	0.12Y 0.12Y	120.4 119.9	0.00 0.00	-0.35 0.07	464.49 466.11	0 0	50 50	25 25	89 89	0.00 0.0	26.833	0.000	50 50	25 25	0 0	0 0	
UG-5	760	A B C	2/0 AA CN	14.42Y 14.64Y 14.32Y	120.3 122.2 119.5	0.01 0.00 0.01	-0.34 -2.17 0.47	2.63 1.64 2.69	0 0 0	30 22 38	23 9 7	79 93 98	0.00 0.0	26.102	0.284	0 0 0	0 0 0	0 0 0	0 0 0	
P 761	UG-5	A B C	Node	14.42Y 14.64Y 14.32Y	120.3 122.2 119.5	0.00 0.00 0.00	-0.34 -2.17 0.47	2.82 1.78 2.77	0 0 0	30 22 38	27 13 12	74 86 95	0.00 0.0	26.102	0.000	0 0 0	0 0 0	0 0 0	0 0 0	
P OH-25	761	A B C	#2 ACSR 6/	14.42Y 14.64Y 14.32Y	120.3 122.2 119.5	0.01 0.00 0.01	-0.33 -2.16 0.48	1.60 0.54 1.65	1 0 1	14 7 23	18 3 4	61 91 99	0.00 0.0	26.481	0.379	0 0 0	0 0 0	0 0 0	0 0 0	
P 763	OH-25	A B C	Node	14.42Y 14.64Y 14.32Y	120.3 122.2 119.5	0.00 0.00 0.00	-0.33 -2.16 0.48	1.60 0.54 1.65	0 0 0	14 7 23	18 3 4	61 91 99	0.00 0.0	26.481	0.000	0 0 0	0 0 0	0 0 0	0 0 0	
C T14	763	A-B B-C C-A	Transforme	0.24D 0.24D 0.23D	242.1 239.3 234.0	1.32 3.37 3.94	-2.10 0.74 5.97	1.60 0.54 1.65	92 15 48	14 7 23	18 3 4	61 91 99	0.46 1.0	26.481	0.000	0 0 0	0 0 0	0 0 0	0 0 0	
L 764	T14	A-B B-C C-A	Node	0.24D 0.24D 0.23D	242.1 239.3 234.0	0.00 0.00 0.00	-2.10 0.74 5.97	153.14 55.62 183.75	0 0 0	17 11 17	6 5 13	94 92 79	0.00 0.0	26.481	0.000	0 0 0	0 0 0	0 0 0	0 0 0	
L 7642	764	C2 C1	Node	0.12C 0.12C	117.1 117.0	0.00 0.00	2.94 3.03	60.94 60.94	0 0	6 6	4 4	83 80	0.00 0.0	26.481	0.000	0 12	0 9	0 0	0 0	
L 7641	764	C2 C1	Node	0.12C 0.12C	117.1 117.0	0.00 0.00	2.94 3.03	47.40 72.65	0 0	5 8	3 4	86 89	0.00 0.0	26.481	0.000	5 8	3 4	0 0	0 0	

Unbalanced Voltage Drop Report
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Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																Cons	Cons	On	Thru	
7643	764	A-B	Node	0.24D	242.1	0.00	-2.10	54.44	0	6	-1	-99	0.00	0.0	26.481	0.000	7	3	0	0
		B-C		0.24D	239.3	0.00	0.74	55.62	0	11	5	92	0.00	0.0	26.481	0.000	7	3	0	0
L		C-A		0.23D	234.0	0.00	5.97	53.77	0	4	5	58	0.00	0.0	26.481	0.000	7	3	0	0 L
T13	761	A-B	Transforme	0.48D	120.8	0.92	-0.80	1.27	37	16	9	87	0.39	0.9	26.102	0.000	0	0	0	0
		B-C		0.48D	119.0	2.31	1.00	1.25	36	15	10	83	0.39	0.9	26.102	0.000	0	0	0	0
L		C-A		0.47D	117.5	1.46	2.46	1.16	33	14	8	87	0.39	0.9	26.102	0.000	0	0	0	0 L
762	T13	A-B	Node	0.48D	120.8	0.00	-0.80	65.95	0	16	9	87	0.00	0.0	26.102	0.000	0	0	0	0
		B-C		0.48D	119.0	0.00	1.00	64.60	0	15	10	84	0.00	0.0	26.102	0.000	0	0	0	0
L		C-A		0.47D	117.5	0.00	2.46	60.06	0	14	8	87	0.00	0.0	26.102	0.000	0	0	0	0 L
Motor 2	762	A-B	Motor	0.48D	120.8	0.00	-0.80	65.95	0	16	9	87	slip = 4.8560 Percent Pin = 45.0 kw 26.9 kvar				0	0	0	0
		B-C		0.48D	119.0	0.00	1.00	64.60	0	15	10	84	Pconv = 39.1 kw 0.0 kvar				0	0	0	0
L		C-A		0.47D	117.5	0.00	2.46	60.06	0	14	8	87	lossS = 3.9 kW lossR = 2.0 kW HP = 52.4				0	0	0	0 L
Cap 3	760	A	Cap (300)	14.42Y	120.3	0.00	-0.35	-6.98	0	0	-101	0	0.00	0.0	25.818	0.000	0	0	0	0
		B		14.64Y	122.2	0.00	-2.17	-7.08	0	0	-104	0	0.00	0.0	25.818	0.000	0	0	0	0 P
		C		14.32Y	119.5	0.00	0.47	-6.93	0	0	-99	0	0.00	0.0	25.818	0.000	0	0	0	0
SW-2	757	A	Open	14.44Y	120.5	0.00	-0.51	0.00	0	0	0	100	0.00	0.0	24.720	0.000	0	0	0	0
		B		14.65Y	122.3	0.00	-2.29	0.00	0	0	0	100	0.00	0.0	24.720	0.000	0	0	0	0
		C		14.34Y	119.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	24.720	0.000	0	0	0	0
L	T8	A-B	Transforme	0.24D	235.7	1603.99	4.28	4.00	230	57	15	97	4.96	2.8	16.970	0.000	0	0	0	0 L
C		B-C		0.24D	237.5	1200.22	2.53	5.95	171	77	43	87	4.96	2.8	16.970	0.000	0	0	0	0 C
L		C-A		0.23D	233.7	1566.09	6.25	4.20	242	42	44	69	4.96	2.8	16.970	0.000	0	0	0	0 L
L	748	A-B	Node	0.24D	235.7	0.00	4.28	339.25	0	59	36	85	0.00	0.0	16.970	0.000	25	15	0	0 L
P		B-C		0.24D	237.5	0.00	2.53	544.47	0	45	47	69	0.00	0.0	16.970	0.000	45	20	0	0 P
L		C-A		0.23D	233.7	0.00	6.25	578.20	0	67	13	98	0.00	0.0	16.970	0.000	25	15	0	0 L
7481	748	B1	Node	0.12C	118.8	0.00	1.23	73.77	0	8	4	89	0.00	0.0	16.970	0.000	8	4	0	0
		B2		0.12C	118.7	0.00	1.30	92.16	0	10	5	89	0.00	0.0	16.970	0.000	10	5	0	0

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

Unbalanced Voltage Drop Report
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Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																Cons	Cons	On	Thru	
L 7483	748	A-B	Node	0.24D	235.7	0.00	4.28	129.67	0	22	14	84	0.00	0.0	16.970	0.000	0	0	0	0 L
P		B-C		0.24D	237.5	0.00	2.53	129.67	0	7	14	48					0	0	0	0 P
L		C-A		0.23D	233.7	0.00	6.25	129.69	0	15	0	100					0	0	0	0 L
L Motor 3	7483	A-B	Motor	0.24D	235.7	0.00	4.28	129.67	0	22	14	84	0.00	0.0	16.970	0.000	15	9	0	0 L
P		B-C		0.24D	237.5	0.00	2.53	129.67	0	7	14	48					15	9	0	0 P
L		C-A		0.23D	233.7	0.00	6.25	129.69	0	15	0	100					15	9	0	0 L
7482	748	B1	Node	0.12C	118.8	0.00	1.23	74.32	0	7	5	81	0.00	0.0	16.970	0.000	15	10	0	0
		B2		0.12C	118.7	0.00	1.30	74.32	0	7	5	83					0	0	0	0

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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	3861	5	0	0	-22	0	403		0.00	4246
KVAR	1864	1	-938	-139	170	0	645			1604

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 111.61 volts on 6331	17.72 volts on Sec-8	1603.99 volts on T8
B-Phase -> 112.65 volts on 6331	12.64 volts on Sec-8	1200.22 volts on T8
C-Phase -> 113.03 volts on OH-8	16.58 volts on Sec-8	1566.09 volts on T8