



Balanced Voltage Drop Report  
Source: BLEVINS VALLEY

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																					
-Base Voltage:120.0-																					
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
C 1022S	10224	A	25L	7.12Y	118.6	0.00	7.36	60.62	242	430	34	100	0.00	0.0	5.856	0.000	0	0	0	95	C
L 1022	1022S	A	4ACSR	6.98Y	116.3	2.37	9.72	60.62	30	430	34	100	7.14	1.7	6.912	1.056	177	12	37	95	L
L 10221	1022	A	4ACSR	6.90Y	115.0	1.23	10.95	35.42	18	246	18	100	2.26	0.9	7.791	0.879	75	5	17	58	L
L 10223	10221	A	4ACSR	6.88Y	114.7	0.36	11.31	9.89	5	68	5	100	0.14	0.2	9.339	1.548	68	5	17	17	L
L 10222	10221	A	4ACSR	6.88Y	114.7	0.33	11.28	14.61	7	101	7	100	0.19	0.2	8.769	0.978	100	7	24	24	L
P 7014	7013	ABC	1/0ACSR	7.43Y	123.8	0.05	2.24	11.00	3	154	191	63	0.06	0.0	3.300	0.453	154	191	10	10	P
7012	7011	B	4ACSR	7.44Y	124.1	0.24	1.92	9.91	5	74	5	100	0.09	0.1	3.188	1.030	74	5	13	13	
7016	701	B	4ACSR	7.48Y	124.7	0.34	1.34	11.53	6	86	6	100	0.15	0.2	2.567	1.271	86	6	26	26	

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total		
KW	3710	0	0	0	0	0	86		0.00	3796	Lowest Voltage = 114.69	on Element 10223
KVAR	587	0	-808	0	0	0	128			-92	Max Accm VoltD = 11.31	on Element 10223
											Max Elem VoltD = 2.42	on Element 702



Balanced Voltage Drop Report  
Source: BOWEN

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\  
Title:  
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	% PF	kW Loss	% Loss	Length (mi)	KW		KVAR			
7565	7564	B	4ACSR	7.24Y	120.7	0.18	5.32	4.54	2	32	-9	-96	0.06	0.2	13.549	1.084	0	0	0	23	
1132	7565	B	4ACSR	7.24Y	120.6	0.06	5.38	2.35	1	16	-5	-95	0.01	0.0	14.862	1.313	16	-5	18	18	
11311	7565	B	4ACSR	7.24Y	120.6	0.04	5.36	2.19	1	15	-4	-97	0.00	0.0	14.566	1.017	15	-4	3	5	
1131	11311	B	4ACSR	7.24Y	120.6	0.00	5.37	0.02	0	0	0	0	0.00	0.0	16.073	1.507	0	0	2	2	
P 11313	1131	B	4ACSR	7.24Y	120.6	0.00	5.37	0.00	0	0	0	0	0.00	0.0	17.931	1.858	0	0	0	0 P	
7561	756	B	4ACSR	7.29Y	121.5	0.11	4.50	4.54	2	32	-9	-96	0.02	0.1	10.028	1.278	32	-9	11	11	
755	7544	B	4ACSR	7.30Y	121.7	0.01	4.27	0.19	0	1	0	100	0.00	0.0	10.337	1.855	1	0	1	1	
753	766	ABC	1/OCU	7.53Y	125.5	0.24	0.46	46.38	10	1019	-253	-97	2.92	0.3	2.333	0.751	21	-6	5	251	
752S	753	ABC	35V4E	7.53Y	125.5	-0.00	0.46	14.53	42	317	-85	-97	0.00	0.0	2.333	0.000	0	0	0	100	
752	752S	ABC	1/OCU	7.53Y	125.4	0.11	0.57	14.53	3	317	-85	-97	0.44	0.1	3.488	1.155	6	-2	1	100	
746S	752	B	35V4E	7.53Y	125.4	0.00	0.57	24.13	69	175	-47	-97	0.00	0.0	3.488	0.000	0	0	0	53	
746	746S	B	4ACSR	7.49Y	124.8	0.67	1.25	24.13	12	175	-47	-97	0.97	0.6	4.525	1.037	95	-26	31	53	
7461	746	B	4ACSR	7.47Y	124.5	0.30	1.55	10.99	5	79	-22	-96	0.22	0.3	5.377	0.852	21	-6	7	22	
7462	7461	B	4ACSR	7.46Y	124.3	0.20	1.74	8.08	4	58	-16	-96	0.08	0.1	6.689	1.313	58	-16	15	15	
7376	752	ABC	1/OCU	7.52Y	125.4	0.02	0.59	6.22	1	135	-37	-96	0.04	0.0	4.065	0.577	18	-5	6	46	
7375	7376	A	6ACWC	7.52Y	125.4	0.04	0.63	3.93	2	29	-8	-96	0.01	0.0	4.573	0.508	29	-8	9	9	
7374	7376	ABC	1/OCU	7.52Y	125.4	0.02	0.61	4.10	1	89	-24	-97	0.02	0.0	4.879	0.813	28	-8	10	31	
7373	7374	C	6ACWC	7.52Y	125.3	0.13	0.74	5.79	3	42	-12	-96	0.04	0.1	6.141	1.262	42	-12	14	14	
7372	7374	ABC	1/OCU	7.52Y	125.4	0.00	0.62	0.90	0	20	-5	-97	0.00	0.0	6.254	1.376	20	-5	7	7	
765	753	ABC	1/OCU	7.52Y	125.3	0.23	0.69	30.88	7	678	-166	-97	1.83	0.3	3.402	1.070	20	-5	4	146	
751S	765	C	50V4E	7.52Y	125.3	0.00	0.69	11.04	22	80	-22	-96	0.00	0.0	3.402	0.000	0	0	0	29	
751	751S	C	4ACSR	7.50Y	125.0	0.28	0.97	11.04	5	80	-22	-96	0.17	0.2	4.461	1.059	56	-15	16	29	
7511	751	C	4ACSR	7.50Y	125.0	0.07	1.04	3.27	2	24	-6	-97	0.01	0.0	5.650	1.189	24	-6	13	13	
760	765	ABC	1/OCU	7.51Y	125.2	0.13	0.82	26.28	6	576	-140	-97	0.93	0.2	4.132	0.729	0	0	1	113	
761S	760	A	VXE	7.51Y	125.2	0.00	0.82	78.84	0	575	-142	-97	0.00	0.0	4.132	0.000	0	0	0	112	
761	761S	A	4ACSR	7.40Y	123.4	1.76	2.59	78.84	39	575	-142	-97	9.87	1.7	4.737	0.605	19	-5	6	112	
762R	761	A	Regulator	7.56Y	126.0	-2.59	0.00	76.26	76	547	-142	-97	0.00	0.0	4.737	0.000	0	0	0	106	
762	762R	A	4ACSR	7.54Y	125.6	0.41	0.41	74.69	37	547	-142	-97	2.16	0.4	4.886	0.149	25	-7	5	106	
7622	762	A	4ACSR	7.43Y	123.8	1.76	2.17	64.52	32	470	-123	-97	7.23	1.5	5.792	0.906	175	-48	34	89	
C 7623S	7622	A	25V4E	7.43Y	123.8	0.00	2.17	30.88	124	221	-60	-97	0.00	0.0	5.792	0.000	0	0	0	35 C	
7623	7623S	A	4ACSR	7.41Y	123.6	0.28	2.45	30.88	15	221	-60	-97	0.42	0.2	6.284	0.492	221	-61	35	35	
7624	7622	A	4ACSR	7.42Y	123.7	0.17	2.34	9.32	5	67	-18	-97	0.08	0.1	6.769	0.977	67	-18	20	20	
7621	762	A	4ACSR	7.53Y	125.5	0.06	0.46	6.78	3	49	-14	-96	0.02	0.0	5.343	0.458	49	-14	12	12	

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total		
KW	5332	0	0	0	0	0	183	0.00	5515	Lowest Voltage =	116.69	on Element 7625
KVAR	497	0	-652	-3	0	0	124		-35	Max Accm VoltD =	9.31	on Element 7625
										Max Elem VoltD =	2.18	on Element 774

Balanced Voltage Drop Report
Source: CAVE RUN

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for CAVE RUN, Feeder NO. 1, and Feeder NO. 2.

Summary table with columns: KW, KVAR, Load Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes values for 2454 KW, 102 KVAR, and voltage drop statistics.



Balanced Voltage Drop Report
Source: CLAY CITY

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\
Title:
Case:

Units Displayed In Volts
-Base Voltage:120.0-

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

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit G = Generator Out of kvar Limits





Balanced Voltage Drop Report  
Source: CLAY CITY

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																Cons	Cons	On	Thru	
L 6373	6372	ABC	1/0ACSR	7.02Y	117.1	0.13	8.92	30.95	9	650	64	100	0.59	0.1	8.579	0.294	280	27	39	86 L
L 640S	6373	C	50V4E	7.02Y	117.1	0.00	8.92	30.52	61	213	21	100	0.00	0.0	8.579	0.000	0	0	0	31 L
L 640	640S	C	4ACSR	6.97Y	116.2	0.91	9.83	30.52	15	213	21	100	1.06	0.5	9.847	1.267	212	21	31	31 L
L 6401S	6373	B	25V4E	7.02Y	117.1	-0.00	8.92	22.30	89	156	15	100	0.00	0.0	8.579	0.000	0	0	0	16 L
L 6401	6401S	B	1/0ACSR	7.01Y	116.9	0.18	9.10	22.30	6	156	15	100	0.14	0.1	9.255	0.675	156	15	16	16 L
L 5766SW-A	5766	ABC	Closed	7.05Y	117.4	-0.00	8.57	8.40	0	176	26	99	0.00	0.0	3.645	0.000	0	0	0	40 L
L 5766SW-B	5766SW-A	ABC	Closed	7.05Y	117.4	-0.00	8.57	0.00	0	0	0	0	0.00	0.0	3.645	0.000	0	0	0	0 L
L 57661	5766SW-A	ABC	336ACSR	7.05Y	117.4	0.00	8.57	8.40	1	176	26	99	0.00	0.0	3.717	0.072	38	4	12	40 L
L 5767	57661	ABC	336ACSR	7.05Y	117.4	0.01	8.58	6.58	1	137	23	99	0.00	0.0	4.051	0.334	137	23	28	28 L
5764	57631	ABC	336ACSR	7.09Y	118.1	0.00	7.88	0.76	0	16	2	99	0.00	0.0	3.250	0.078	16	2	7	7
P 5764A-A	5764	ABC	Closed	7.09Y	118.1	-0.00	7.88	0.00	0	0	0	0	0.00	0.0	3.250	0.000	0	0	0	0 P
P 5764A-B	5764A-A	ABC	Closed	7.09Y	118.1	-0.00	7.88	0.00	0	0	0	0	0.00	0.0	3.250	0.000	0	0	0	0 P
P 5759	574	A	4/0ACSR	7.37Y	122.8	0.00	3.19	0.00	0	0	0	0	0.00	0.0	1.464	0.020	0	0	0	0 P
528	5801	ABC	336ACSR	7.41Y	123.6	0.07	2.44	47.40	6	1048	117	99	0.45	0.0	1.241	0.228	29	3	9	184
9525S	528	B	50V4E	7.41Y	123.6	-0.00	2.44	0.00	0	0	0	0	0.00	0.0	1.241	0.000	0	0	0	0
525S	528	A	VXE	7.41Y	123.6	0.00	2.44	108.45	0	799	91	99	0.00	0.0	1.241	0.000	0	0	0	135
525	525S	A	6ACWC	7.26Y	121.0	2.58	5.02	108.45	54	799	91	99	15.59	2.0	1.764	0.524	44	4	14	135
L 5252	525	A	6ACWC	7.08Y	118.0	3.00	8.01	80.21	40	579	62	99	11.23	1.9	2.861	1.096	307	30	60	105 L
L 5253S	5252	A	50V4E	7.08Y	118.0	-0.00	8.01	37.03	74	261	26	100	0.00	0.0	2.861	0.000	0	0	0	45 L
L 5253	5253S	A	6ACWC	7.01Y	116.9	1.11	9.13	37.03	19	261	26	100	1.82	0.7	3.837	0.977	175	17	29	45 L
L 5254	5253	A	6ACWC	7.00Y	116.6	0.26	9.39	12.01	6	84	8	100	0.12	0.1	4.781	0.943	84	8	16	16 L
5251	525	A	6ACWC	7.25Y	120.9	0.10	5.11	22.14	11	160	16	100	0.08	0.1	1.954	0.189	160	16	16	16
9525	528	B	6ACWC	7.39Y	123.1	0.46	2.89	29.85	15	220	22	100	0.52	0.2	1.902	0.662	220	21	40	40

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total			
KW	17467	0	0	0	0	0	1147	0.00	18615	Lowest Voltage =	109.25	on Element 6414
KVAR	2655	0	-1542	-1	0	0	1378		2491	Max Accm VoltD =	16.75	on Element 6414
										Max Elem VoltD =	4.12	on Element 633

Balanced Voltage Drop Report
Source: FRENCHBURG

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\
Title:
Case:

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

Balanced Voltage Drop Report
Source: FRENCHBURG

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\

Title:
Case:

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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes detailed data for various electrical components and nodes.

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit G = Generator Out of kvar Limits



Balanced Voltage Drop Report
Source: HIGH ROCK

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Contains detailed data for various elements like HIGH ROCK, 8000, 8000R, etc.

Summary table with columns: Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Values include: Load 683, Adjustment 0, Capacitance 0, Charging 0, Gen&Motors 0, Loops&Metas 0, Losses 20, No Load Losses 0.00, Total 702.

Lowest Voltage = 119.41 on Element 10003
Max Accm VoltD = 6.59 on Element 10003
Max Elem VoltD = 1.98 on Element 1002





Balanced Voltage Drop Report
Source: HOPE

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\
Title:
Case:

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

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes values like 7869 KW, 1422 KVAR, 7971 Total, and voltage drop notes.











Balanced Voltage Drop Report
Source: JEFFERSONVILLE

Detail

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\
Title:
Case:

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

Balanced Voltage Drop Report  
Source: JEFFERSONVILLE

Detail

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\  
Title:  
Case:

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		Units Displayed In Volts														-----Element-----				
		-Base Voltage:120.0-																		
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	KW	KVAR	Cons On	Cons Thru
73612S	7361	B	25L	15.01Y	125.1	-0.00	0.94	8.45	34	126	16	99	0.00	0.0	3.487	0.000	0	0	0	23
73612	73612S	B	4ACSR	14.99Y	124.9	0.13	1.07	8.45	4	126	16	99	0.11	0.1	4.257	0.770	38	5	6	23
7362	73612	B	4ACSR	14.97Y	124.8	0.14	1.21	5.88	3	87	11	99	0.09	0.1	5.300	1.043	8	1	3	17
7363	7362	B	4ACSR	14.96Y	124.7	0.08	1.29	5.37	3	80	10	99	0.03	0.0	6.560	1.260	80	10	14	14
727	7261	ABC	336ACSR	15.07Y	125.6	0.09	0.45	63.68	8	2857	363	99	1.70	0.1	2.065	0.461	0	0	0	500
7302C	727	ABC	Capacitor	15.07Y	125.6	-0.00	0.45	63.68	0	2855	360	99	0.00	0.0	2.065	0.000	0	0	0	500
7302	7302C	ABC	336ACSR	15.06Y	125.5	0.05	0.50	64.23	8	2855	524	98	0.83	0.0	2.291	0.226	74	9	16	500
7301	7302	ABC	336ACSR	15.05Y	125.4	0.07	0.57	62.59	8	2781	513	98	1.22	0.0	2.640	0.348	62	8	14	484
730	7301	ABC	336ACSR	15.04Y	125.4	0.06	0.63	61.22	8	2718	503	98	0.94	0.0	2.918	0.278	15	2	4	470
744S	730	ABC	50E	15.04Y	125.4	0.00	0.63	10.84	22	485	61	99	0.00	0.0	2.918	0.000	0	0	0	110
744	744S	ABC	1/0CU	15.04Y	125.3	0.04	0.67	10.84	2	485	61	99	0.14	0.0	3.566	0.648	0	0	2	110
7442	744	C	4ACSR	15.04Y	125.3	0.03	0.70	3.68	2	55	7	99	0.01	0.0	4.201	0.634	55	7	9	9
7441	744	ABC	1/0CU	15.03Y	125.3	0.05	0.73	9.61	2	430	54	99	0.15	0.0	4.566	1.000	53	7	13	99
740S	7441	C	50V4E	15.03Y	125.3	-0.00	0.73	23.15	46	345	44	99	0.00	0.0	4.566	0.000	0	0	0	81
740	740S	C	6ACWC	14.96Y	124.7	0.60	1.33	23.15	12	345	44	99	1.39	0.4	5.891	1.324	117	15	23	81
7401	740	C	6ACWC	14.93Y	124.4	0.30	1.62	15.29	8	227	28	99	0.46	0.2	6.860	0.969	66	8	15	58
742	7401	C	6ACWC	14.92Y	124.3	0.08	1.71	7.30	4	108	13	99	0.05	0.0	7.614	0.754	78	10	13	31
7421S	742	C	15H	14.92Y	124.3	0.00	1.71	2.01	13	30	4	99	0.00	0.0	7.614	0.000	0	0	0	18
7421	7421S	C	6ACWC	14.91Y	124.2	0.05	1.75	2.01	1	30	4	99	0.01	0.0	9.660	2.046	30	4	18	18
741	7401	C	6ACWC	14.92Y	124.3	0.04	1.66	3.56	2	53	7	99	0.01	0.0	7.833	0.973	53	7	12	12
737	7441	ABC	1/0CU	15.03Y	125.3	0.00	0.73	0.71	0	32	4	99	0.00	0.0	5.734	1.167	19	2	4	5
7371	737	ABC	1/0CU	15.03Y	125.3	0.00	0.73	0.29	0	13	2	99	0.00	0.0	6.777	1.044	13	2	1	1
731	730	ABC	2ACSR	15.03Y	125.3	0.12	0.75	29.19	11	1287	280	98	1.11	0.1	3.199	0.281	34	4	15	215
7311S	731	ABC	50V4E	15.03Y	125.3	-0.00	0.75	28.44	57	1253	276	98	0.00	0.0	3.199	0.000	0	0	0	200
7311	7311S	ABC	2ACSR	15.00Y	125.0	0.26	1.01	28.44	11	1253	276	98	2.35	0.2	3.863	0.664	125	16	22	200
743S	7311	C	25V4E	15.00Y	125.0	0.00	1.01	4.42	18	66	8	99	0.00	0.0	3.863	0.000	0	0	0	20
743	743S	C	6ACWC	14.98Y	124.9	0.12	1.13	4.42	2	66	8	99	0.05	0.1	5.537	1.674	39	5	14	20
7431	743	C	6ACWC	14.98Y	124.8	0.03	1.16	1.78	1	27	3	99	0.00	0.0	6.906	1.369	27	3	6	6
732	7311	ABC	2ACSR	14.97Y	124.7	0.26	1.27	24.19	9	1059	251	97	1.57	0.1	4.985	1.123	720	205	93	158
7321A	732	ABC	Transforme	7.47Y	124.6	0.18	1.45	5.84	17	260	35	99	0.17	0.1	4.985	0.000	0	0	0	54
7321	7321A	ABC	2ACSR	7.46Y	124.3	0.21	1.66	11.69	4	260	33	99	0.39	0.2	5.720	0.734	59	7	10	54
C 724S	7321	B	25L	7.46Y	124.3	-0.00	1.66	27.07	108	200	25	99	0.00	0.0	5.720	0.000	0	0	0	44
724	724S	B	4ACSR	7.40Y	123.4	0.99	2.65	27.07	13	200	25	99	1.08	0.5	7.045	1.325	169	21	35	44
7241	724	B	4ACSR	7.39Y	123.2	0.15	2.79	4.16	2	31	4	99	0.02	0.1	8.533	1.488	31	4	9	9
7320S	732	A	25V4E	14.97Y	124.7	0.00	1.27	5.22	21	78	10	99	0.00	0.0	4.985	0.000	0	0	0	11
7320	7320S	A	6ACWC	14.96Y	124.7	0.05	1.31	5.22	3	78	10	99	0.02	0.0	5.731	0.745	78	10	11	11
728	730	ABC	1/0CU	15.04Y	125.3	0.03	0.66	20.88	5	929	157	99	0.16	0.0	3.157	0.239	151	59	7	141
7281S	728	A	50V4E	15.04Y	125.3	-0.00	0.66	24.12	48	360	45	99	0.00	0.0	3.157	0.000	0	0	0	44
7281	7281S	A	6ACWC	15.01Y	125.1	0.22	0.88	24.12	12	360	45	99	0.40	0.1	3.942	0.786	360	45	44	44
7282	728	ABC	1/0CU	15.04Y	125.3	0.03	0.69	9.34	2	418	54	99	0.09	0.0	3.752	0.595	48	6	7	90
723S	7282	A	50E	15.04Y	125.3	-0.00	0.69	24.83	50	370	48	99	0.00	0.0	3.752	0.000	0	0	0	83
723	723S	A	6ACWC	14.96Y	124.6	0.67	1.36	24.83	12	370	48	99	1.78	0.5	4.987	1.236	55	7	16	83
7230	723	A	6ACWC	14.88Y	124.0	0.65	2.01	21.11	11	313	40	99	1.41	0.5	6.494	1.506	82	10	19	67
7230S	7230	A	25E	14.88Y	124.0	0.00	2.01	15.58	62	230	29	99	0.00	0.0	6.494	0.000	0	0	0	48
7232	7230S	A	6ACWC	14.85Y	123.7	0.28	2.29	13.18	7	195	24	99	0.28	0.1	8.305	1.811	194	24	40	40
7231	7230S	A	6ACWC	14.87Y	124.0	0.03	2.04	2.40	1	35	4	99	0.01	0.0	7.647	1.154	35	4	8	8

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total		
KW	8911	0	0	0	0	0	114	0.00		9024	Lowest Voltage =	120.45 on Element 5440
KVAR	1267	0	-164	0	0	0	139			1242	Max Accm VoltD =	5.55 on Element 5440
											Max Elem VoltD =	1.20 on Element 524



Balanced Voltage Drop Report  
Source: MARIBA

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																KW	KVAR	Cons On	Cons Thru	
11141	1114	ABC	4ACSR	7.31Y	121.9	1.41	4.08	47.74	24	967	434	91	10.96	1.1	4.449	0.726	107	80	11	80
11143	11141	ABC	6ACWC	7.21Y	120.2	1.70	5.78	40.95	20	828	350	92	11.60	1.4	5.452	1.003	70	1	29	60
11144	11143	ABC	6ACWC	7.17Y	119.5	0.77	6.55	37.98	19	746	345	91	4.97	0.7	5.925	0.473	7	0	4	31
C 11145S	11144	ABC	35V4E	7.17Y	119.5	-0.00	6.55	37.70	108	734	343	91	0.00	0.0	5.925	0.000	0	0	0	27
11145	11145S	ABC	6ACWC	7.13Y	118.9	0.55	7.10	37.70	19	734	343	91	2.37	0.3	6.609	0.683	732	342	27	27
11142	11141	A	6ACWC	7.31Y	121.9	0.05	4.13	2.84	1	21	0	100	0.01	0.0	5.165	0.716	21	0	9	9
11171	1117	C	4ACSR	7.40Y	123.4	0.03	2.59	2.40	1	18	0	100	0.00	0.0	2.117	0.641	18	0	10	10
----- Feeder NO. 4 Beginning with Node Element MA4 -----																				
MA4	MARIBA	B	Node	7.56Y	126.0	0.00	0.00	50.65	0	383	8	100	0.00	0.0	0.000	0.000	0	0	0	98
1104	MA4	B	4ACSR	7.49Y	124.8	1.22	1.22	50.65	25	383	8	100	3.52	0.9	0.565	0.565	47	0	9	98
11041S	1104	B	25V4E	7.49Y	124.8	-0.00	1.22	5.77	23	43	0	100	0.00	0.0	0.565	0.000	0	0	0	14
11041	11041S	B	4ACSR	7.48Y	124.7	0.09	1.31	5.77	3	43	0	100	0.02	0.0	1.262	0.697	43	0	14	14
11042	1104	B	4ACSR	7.41Y	123.5	1.28	2.50	38.65	19	289	5	100	2.71	0.9	1.401	0.836	71	1	14	75
11043	11042	B	4ACSR	7.34Y	122.4	1.10	3.60	29.06	14	215	3	100	1.79	0.8	2.318	0.917	39	0	18	61
1103S	11043	B	25V4E	7.34Y	122.4	0.00	3.60	5.94	24	44	0	100	0.00	0.0	2.318	0.000	0	0	0	14
1103	1103S	B	4ACSR	7.34Y	122.3	0.11	3.71	5.94	3	44	0	100	0.03	0.1	3.113	0.795	44	0	14	14
1102S	11043	B	35V4E	7.34Y	122.4	0.00	3.60	17.86	51	131	1	100	0.00	0.0	2.318	0.000	0	0	0	29
1102	1102S	B	4ACSR	7.32Y	122.0	0.43	4.03	17.86	9	131	1	100	0.35	0.3	3.161	0.842	96	1	20	29
11021	1102	B	4ACSR	7.31Y	121.9	0.11	4.14	4.72	2	35	0	100	0.02	0.1	4.196	1.036	35	0	9	9

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total			
KW	4230	0	0	0	0	0	146		0.00	4375	Lowest Voltage =	118.90	on Element 11145
KVAR	997	0	-490	0	0	0	97			603	Max Accm VoltD =	7.10	on Element 11145
											Max Elem VoltD =	2.30	on Element 1117









Balanced Voltage Drop Report  
Source: REID VILLAGE

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																KW	KVAR	On	Thru	
45792	4579	C	OKOGUARD M	7.41Y	123.4	0.03	2.56	5.61	3	41	6	99	0.01	0.0	1.867	0.443	41	8	8	8
P 4615	460	ABC	1/0ACSR	7.45Y	124.2	0.00	1.80	20.98	6	397	-250	-85	0.02	0.0	0.661	0.016	39	7	4	52 P
P 46140C	4615	ABC	Capacitor	7.45Y	124.2	-0.00	1.80	18.84	0	330	-262	-78	0.00	0.0	0.661	0.000	0	0	0	39 P
46140	46140C	ABC	1/0ACSR	7.45Y	124.1	0.11	1.91	15.00	4	330	60	98	0.26	0.1	1.037	0.375	0	0	0	39
46143S	46140	ABC	50L	7.45Y	124.1	-0.00	1.91	5.55	11	122	23	98	0.00	0.0	1.037	0.000	0	0	0	21
46143	46143S	ABC	1/0ACSR	7.44Y	124.1	0.03	1.93	5.55	2	122	23	98	0.02	0.0	1.357	0.320	58	11	13	21
46144	46143	ABC	OKOGUARD M	7.44Y	124.1	0.00	1.93	2.92	2	64	12	98	0.00	0.0	1.368	0.011	0	0	0	8
46145	46144	ABC	1/0ACSR	7.44Y	124.1	0.00	1.94	2.92	1	64	12	98	0.00	0.0	1.504	0.136	64	12	8	8
4614	46140	ABC	1/0ACSR	7.44Y	124.0	0.05	1.96	9.45	3	208	36	99	0.07	0.0	1.345	0.309	44	9	4	18
46142	4614	ABC	336ACSR	7.44Y	124.0	0.01	1.96	7.44	1	164	28	99	0.01	0.0	1.466	0.121	0	0	0	14
46141	46142	ABC	336ACSR	7.44Y	124.0	0.00	1.97	7.44	1	164	28	99	0.00	0.0	1.542	0.076	49	9	5	14
4612	46141	A	OKOGUARD M	7.43Y	123.9	0.14	2.10	15.65	8	115	18	99	0.08	0.1	2.356	0.814	115	22	9	9
4616	4615	C	OKOGUARD M	7.45Y	124.2	0.01	1.81	3.82	2	28	4	99	0.00	0.0	0.981	0.320	28	5	9	9

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total		
KW	4497	0	0	0	0	0	247	0.00	4744	Lowest Voltage =	108.69 on Element 2221
KVAR	894	0	-321	-15	0	0	98		656	Max Accm VoltD =	17.31 on Element 2221
										Max Elem VoltD =	2.88 on Element 2272

Balanced Voltage Drop Report  
Source: SIDEVIEW

Detail

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\

Title:  
Case:

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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri, Base Volt, Element Drop, Units (Accum Drop, Thru Amps, Thru KW, Thru KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi)), and Cons (On, Thru). The table contains detailed data for various circuit elements, including feeders and conductors, with numerical values for voltage drops, power losses, and capacity.



Balanced Voltage Drop Report
Source: SIDEVIEW

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Includes data for elements 174 through 158.

Summary table with columns: Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Values: Load 8004, Adjustment 0, Capacitance 0, Charging 0, Gen&Motors 0, Loops&Metas 0, Losses 486, No Load Losses 0.00, Total 8491. Includes voltage drop statistics: Lowest Voltage = 108.61 on Element 220, Max Accm VoltD = 17.39 on Element 220, Max Elem VoltD = 5.23 on Element 200.





Balanced Voltage Drop Report
Source: STANTON

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Contains detailed data for STANTON and various element types like capacitors and conductors.

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit G = Generator Out of kvar Limits

Balanced Voltage Drop Report
Source: STANTON

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\
Title:
Case:

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

Balanced Voltage Drop Report
Source: STANTON

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Contains detailed data for various electrical elements and conductors.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes voltage statistics: Lowest Voltage = 117.09 on Element 6531, Max Accm VoltD = 8.91 on Element 6531, Max Elem VoltD = 2.16 on Element 651.



Balanced Voltage Drop Report  
Source: THREE FORKS

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru
10099R	100	ABC	Regulator	15.12Y	126.0	-3.04	0.00	39.57	40	1736	230	99	0.00	0.0	5.614	0.000	0	0	0	214
10099	10099R	ABC	1/0ACSR	15.10Y	125.8	0.19	0.19	38.61	11	1736	230	99	2.46	0.1	6.146	0.532	4	1	2	214
76S	10099	A	U	15.10Y	125.8	0.00	0.19	49.94	0	747	101	99	0.00	0.0	6.146	0.000	0	0	0	91
76	76S	A	4ACSR	14.96Y	124.7	1.11	1.30	49.94	25	747	101	99	6.03	0.8	7.124	0.978	77	10	9	91
7699	76	A	4ACSR	14.83Y	123.6	1.11	2.41	44.78	22	664	88	99	5.25	0.8	8.270	1.145	126	16	16	82
104	7699	A	4ACSR	14.75Y	122.9	0.69	3.10	35.22	17	518	67	99	2.56	0.5	9.170	0.900	97	12	12	64
105	104	A	6ACWC	14.73Y	122.8	0.12	3.22	13.91	7	203	26	99	0.18	0.1	9.553	0.383	20	3	2	26
10589S	105	A	U	14.73Y	122.8	-0.00	3.22	12.51	0	183	23	99	0.00	0.0	9.553	0.000	0	0	0	24
10589	10589S	A	6ACWC	14.71Y	122.6	0.21	3.43	12.51	6	183	23	99	0.28	0.2	10.331	0.779	28	4	4	24
10588	10589	A	6ACWC	14.71Y	122.6	0.01	3.44	1.68	1	25	3	99	0.00	0.0	10.957	0.626	25	3	2	2
10587	10589	A	6ACWC	14.69Y	122.4	0.18	3.60	8.92	4	130	17	99	0.12	0.1	12.012	1.680	130	17	18	18
10498	104	A	4ACSR	14.72Y	122.7	0.21	3.31	14.68	7	215	28	99	0.33	0.2	9.852	0.682	48	6	8	26
10499S	10498	A	U	14.72Y	122.7	0.00	3.31	0.00	0	0	0	0	0.00	0.0	9.852	0.000	0	0	0	0
10499	10498	A	4ACSR	14.72Y	122.7	0.03	3.34	11.40	6	166	21	99	0.03	0.0	10.070	0.218	142	18	16	18
11318	10499	A	4ACSR	14.72Y	122.6	0.02	3.36	1.70	1	25	3	99	0.00	0.0	10.903	0.833	25	3	2	2
101	7699	A	4ACSR	14.83Y	123.6	0.02	2.43	1.05	1	15	2	99	0.00	0.0	8.912	0.642	0	0	0	2
78	101	A	4ACSR	14.83Y	123.6	0.01	2.44	1.05	1	15	2	99	0.00	0.0	10.079	1.166	15	2	2	2
73	10099	ABC	397ACSR	15.09Y	125.8	0.03	0.23	21.87	3	983	126	99	0.19	0.0	6.752	0.605	194	25	25	121
7399S	73	ABC	U	15.09Y	125.8	0.00	0.23	2.42	0	109	14	99	0.00	0.0	6.752	0.000	0	0	0	22
7399	7399S	ABC	397ACSR	15.09Y	125.8	0.00	0.23	2.42	0	109	14	99	0.00	0.0	7.010	0.258	109	14	22	22
7398	73	ABC	397ACSR	15.09Y	125.7	0.03	0.26	15.14	2	680	87	99	0.12	0.0	7.818	1.066	317	40	34	74
7397	7398	B	4ACSR	15.08Y	125.7	0.04	0.30	4.67	2	70	9	99	0.01	0.0	8.535	0.717	70	9	7	7
67	7398	ABC	397ACSR	15.09Y	125.7	0.00	0.27	6.52	1	293	37	99	0.01	0.0	8.173	0.354	127	16	13	33
6799	67	B	4ACSR	15.08Y	125.7	0.08	0.34	7.68	4	115	15	99	0.04	0.0	9.020	0.847	115	15	11	11
6798	67	ABC	397ACSR	15.09Y	125.7	0.00	0.27	1.12	0	50	6	99	0.00	0.0	9.388	1.216	50	6	9	9
P 6798SW-A	6798	ABC	Open	15.09Y	125.7	0.00	0.27	0.00	0	0	0	0	0.00	0.0	9.388	0.000	0	0	0	0 P
103	108	ABC	4ACSR	14.79Y	123.3	0.02	2.71	1.74	1	77	10	99	0.01	0.0	5.868	1.163	77	10	10	10
102	10619	A	6ACWC	14.81Y	123.4	0.08	2.59	4.68	2	69	9	99	0.03	0.0	5.703	1.415	69	9	8	8

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total			
KW	9048	0	0	0	0	0	132	0.00	9180	Lowest Voltage = 121.10 on Element 11319		
KVAR	1159	0	0	0	0	0	99		1258	Max Accm VoltD = 4.90 on Element 11319		
										Max Elem VoltD = 1.11 on Element 7699		



Balanced Voltage Drop Report  
Source: TRAPP

Detail

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\  
Title:  
Case:

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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	On	Thru	
338	3380	ABC	336ACSR	7.55Y	125.9	0.06	0.09	32.80	4	742	47	100	0.29	0.0	0.459	0.295	0	0	1	147
340C	338	ABC	Capacitor	7.55Y	125.9	-0.00	0.09	32.79	0	742	47	100	0.00	0.0	0.459	0.000	0	0	0	146
340	340C	ABC	1/0ACSR	7.53Y	125.5	0.41	0.50	34.04	10	742	212	96	1.90	0.3	1.154	0.695	224	66	26	146
351	340	ABC	1/0ACSR	7.52Y	125.3	0.18	0.67	20.72	6	449	131	96	0.54	0.1	1.571	0.417	12	2	6	101
357S	351	A	50V4E	7.52Y	125.3	-0.00	0.67	24.78	50	182	40	98	0.00	0.0	1.571	0.000	0	0	0	57
357	357S	A	4ACSR	7.46Y	124.4	0.97	1.64	24.78	12	182	40	98	1.13	0.6	2.582	1.011	78	15	23	57
3570	357	A	4ACSR	7.43Y	123.8	0.58	2.22	14.18	7	103	24	97	0.39	0.4	3.627	1.044	43	9	11	34
364S	3570	A	25L	7.43Y	123.8	0.00	2.22	8.32	33	60	16	97	0.00	0.0	3.627	0.000	0	0	0	23
364	364S	A	4ACSR	7.41Y	123.4	0.34	2.56	8.32	4	60	16	97	0.10	0.2	5.281	1.655	60	15	23	23
350	351	ABC	1/0ACSR	7.51Y	125.1	0.21	0.88	11.94	3	255	88	95	0.32	0.1	2.600	1.029	103	20	16	38
3502S	350	C	35H	7.51Y	125.1	-0.00	0.88	9.11	26	67	13	98	0.00	0.0	2.600	0.000	0	0	0	13
3502	3502S	C	4ACSR	7.49Y	124.8	0.30	1.18	9.11	5	67	13	98	0.10	0.1	3.936	1.336	67	13	13	13
P 3501	350	ABC	1/0ACSR	7.50Y	125.0	0.08	0.96	4.43	1	84	54	84	0.05	0.1	3.447	0.846	0	0	0	9 P
P 359	3501	ABC	1/0ACSR	7.50Y	125.0	-0.00	0.96	0.00	0	0	0	0	0.00	0.0	4.020	0.573	0	0	0	1 P
P 336	359	C	4ACSR	7.50Y	125.0	0.00	0.96	0.00	0	0	0	0	0.00	0.0	5.625	1.606	0	0	1	1 P
P 335	3501	ABC	1/0ACSR	7.50Y	124.9	0.11	1.08	4.43	1	84	54	84	0.07	0.1	4.718	1.272	19	4	4	8 P
P 33401	335	ABC	1/0ACSR	7.50Y	124.9	0.00	1.08	0.00	0	0	0	0	0.00	0.0	5.083	0.364	0	0	0	0 P
P 329	335	ABC	1/0ACSR	7.49Y	124.9	0.02	1.10	3.62	1	64	50	79	0.01	0.0	5.301	0.583	64	50	4	4 P
3371	340	ABC	4ACSR	7.53Y	125.5	0.01	0.50	3.00	1	66	13	98	0.00	0.0	1.212	0.059	21	4	6	19
337	3371	A	4ACSR	7.52Y	125.3	0.17	0.67	6.18	3	46	9	98	0.04	0.1	2.342	1.129	46	9	13	13

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total			
KW	3639	0	0	0	0	0	66	0.00	3704	Lowest Voltage =	120.03	on Element 306
KVAR	803	0	-330	0	0	0	48		521	Max Accm VoltD =	5.97	on Element 306
										Max Elem VoltD =	1.80	on Element 324







Balanced Voltage Drop Report  
Source: UNION CITY

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\INITIAL YEAR 5 WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru
132281	UC1	ABC	336ACSR	15.12Y	126.0	0.03	0.03	52.37	7	2359	283	99	0.42	0.0	0.168	0.168	0	0	0	265
13228	132281	ABC	1/0ACSR	15.10Y	125.8	0.14	0.17	52.37	15	2358	282	99	2.44	0.1	0.455	0.287	0	0	0	265
13227	13228	ABC	1/0ACSR	15.09Y	125.8	0.07	0.24	52.37	15	2356	280	99	1.28	0.1	0.605	0.150	0	0	0	265
13223	13227	BC	OKOGUARD M	15.09Y	125.8	0.00	0.24	3.45	2	104	-3	-100	0.00	0.0	0.670	0.066	16	2	3	20
13225	13223	B	OKOGUARD M	15.09Y	125.7	0.01	0.25	4.20	2	63	2	100	0.00	0.0	0.948	0.277	63	8	10	10
13224	13223	C	OKOGUARD M	15.09Y	125.8	0.00	0.25	1.67	1	25	-4	-99	0.00	0.0	1.022	0.352	25	3	7	7
13226	13227	A	OKOGUARD M	15.09Y	125.8	0.01	0.25	4.14	2	62	2	100	0.00	0.0	0.889	0.284	62	8	8	8
13221	13227	ABC	1/0ACSR	15.07Y	125.6	0.16	0.40	48.72	14	2188	280	99	2.54	0.1	0.951	0.347	8	1	1	237
11393	13221	C	4ACSR	15.07Y	125.6	0.02	0.42	24.85	12	372	40	99	0.06	0.0	0.989	0.038	0	0	0	29
11394	11393	C	OKOGUARD M	15.06Y	125.5	0.07	0.50	24.85	13	372	40	99	0.16	0.0	1.387	0.397	240	31	18	29
11395	11394	C	4ACSR	15.06Y	125.5	0.03	0.53	8.88	4	133	17	99	0.02	0.0	1.700	0.313	133	17	11	11
13211	13221	A	4ACSR	15.06Y	125.5	0.06	0.47	8.20	4	123	16	99	0.04	0.0	1.614	0.663	123	16	13	13
11392	13221	ABC	1/0ACSR	15.05Y	125.4	0.16	0.57	37.53	11	1682	221	99	1.95	0.1	1.433	0.482	148	19	14	194
132	11392	ABC	1/0ACSR	15.05Y	125.4	0.01	0.58	3.89	1	174	22	99	0.01	0.0	1.770	0.336	53	7	7	21
131	132	A	4ACSR	15.04Y	125.3	0.10	0.68	8.11	4	121	16	99	0.06	0.1	2.837	1.067	121	16	14	14
11253	11392	ABC	1/0ACSR	15.04Y	125.3	0.12	0.69	30.32	9	1358	178	99	1.21	0.1	1.864	0.431	28	4	3	159
11251S	11253	B	50E	15.04Y	125.3	0.00	0.69	23.69	47	353	46	99	0.00	0.0	1.864	0.000	0	0	0	34
11251	11251S	B	4ACSR	15.01Y	125.1	0.19	0.88	23.69	12	353	46	99	0.35	0.1	2.548	0.684	353	45	34	34
11252	11253	ABC	1/0ACSR	15.03Y	125.3	0.05	0.74	21.81	6	976	128	99	0.35	0.0	2.103	0.239	23	3	3	122
9013	11252	ABC	1/0ACSR	15.03Y	125.2	0.02	0.76	21.31	6	953	125	99	0.16	0.0	2.216	0.113	7	1	1	119
125	9013	ABC	1/0ACSR	15.02Y	125.2	0.07	0.83	21.15	6	946	124	99	0.44	0.0	2.635	0.420	285	37	26	118
1251	125	A	1/0ACSR	15.00Y	125.0	0.16	0.99	44.31	13	660	86	99	0.72	0.1	2.936	0.301	31	4	6	92
1253	1251	A	1/0ACSR	14.99Y	124.9	0.07	1.06	34.23	10	509	66	99	0.25	0.0	3.109	0.174	25	3	4	72
120S	1253	A	35L	14.99Y	124.9	0.00	1.06	16.57	47	246	32	99	0.00	0.0	3.109	0.000	0	0	0	28
120	120S	A	4ACSR	14.96Y	124.6	0.31	1.36	16.57	8	246	32	99	0.54	0.2	3.977	0.867	51	7	5	28
121	120	A	4ACSR	14.95Y	124.6	0.05	1.42	3.60	2	53	7	99	0.01	0.0	5.210	1.233	53	7	6	6
12099	120	A	4ACSR	14.95Y	124.6	0.06	1.43	9.54	5	141	18	99	0.05	0.0	4.527	0.551	141	18	17	17
117S	1253	A	35E	14.99Y	124.9	0.00	1.06	15.97	46	237	31	99	0.00	0.0	3.109	0.000	0	0	0	40
117	117S	A	4ACSR	14.97Y	124.8	0.19	1.25	15.97	8	237	31	99	0.27	0.1	3.837	0.728	150	19	23	40
11177	117	A	4ACSR	14.96Y	124.7	0.07	1.31	5.90	3	88	11	99	0.03	0.0	4.807	0.969	88	11	17	17
1252	1251	A	4ACSR	14.99Y	124.9	0.07	1.06	8.01	4	119	15	99	0.04	0.0	3.654	0.718	119	15	14	14
P 9012	9013	ABC	336ACSR	15.03Y	125.2	0.00	0.76	0.00	0	0	0	0	0.00	0.0	2.321	0.105	0	0	0	0 P

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total			
KW	8455	0	0	0	0	0	85	0.00	8539	Lowest Voltage = 121.53 on Element 13517		
KVAR	1160	0	0	-109	0	0	67		1118	Max Accm VoltD = 4.47 on Element 13517		
										Max Elem VoltD = 1.57 on Element 135		





Balanced Voltage Drop Report  
Source: BLEVINS VALLEY

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.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	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
C 667S	REG27	ABC	25L	7.56Y	126.0	0.00	0.00	29.66	119	671	41	100	0.00	0.0	3.697	0.000	0	0	0	86 C
667	667S	ABC	4ACSR	7.54Y	125.6	0.40	0.40	29.66	15	671	41	100	1.82	0.3	4.154	0.457	333	180	22	86
P 667C	667	ABC	Capacitor	7.54Y	125.6	-0.00	0.40	-7.27	0	0	-164	0	0.00	0.0	4.154	0.000	0	0	0	0 P
6672	667	B	4ACSR	7.53Y	125.6	0.03	0.43	6.49	3	49	3	100	0.01	0.0	4.345	0.191	49	3	6	6
6671	667	B	4ACSR	7.52Y	125.4	0.22	0.63	12.56	6	94	7	100	0.11	0.1	4.916	0.762	94	7	17	17
666	667	C	4ACSR	7.52Y	125.3	0.32	0.73	25.72	13	193	14	100	0.40	0.2	4.510	0.356	94	7	20	41
6661	666	C	4ACSR	7.50Y	125.0	0.30	1.02	13.20	7	99	7	100	0.15	0.2	5.471	0.961	99	7	21	21
P 7014	7013	ABC	1/0ACSR	7.41Y	123.5	0.06	2.49	11.15	3	158	191	64	0.06	0.0	3.300	0.453	158	191	10	10 P
7012	7011	B	4ACSR	7.43Y	123.9	0.27	2.15	11.21	6	83	6	100	0.12	0.1	3.188	1.030	83	6	13	13
7016	701	B	4ACSR	7.47Y	124.5	0.39	1.51	13.03	6	97	7	100	0.19	0.2	2.567	1.271	97	7	26	26

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total		
KW	4242	0	0	0	0	0	100		0.00	4342	Lowest Voltage =	119.28 on Element 10223
KVAR	637	0	-813	0	0	0	158			-18	Max Accm VoltD =	6.72 on Element 10223
											Max Elem VoltD =	2.65 on Element 702



Balanced Voltage Drop Report  
Source: BOWEN

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																					
-Base Voltage:120.0-																					
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----				
																KW	KVAR	On	Thru		
7565	7564	B	4ACSR	7.50Y	125.0	0.18	1.02	4.38	2	32	-9	-96	0.06	0.2	13.549	1.084	0	0	0	23	
1132	7565	B	4ACSR	7.50Y	124.9	0.06	1.08	2.27	1	16	-5	-95	0.01	0.0	14.862	1.313	16	-5	18	18	
11311	7565	B	4ACSR	7.50Y	124.9	0.04	1.06	2.11	1	15	-4	-97	0.00	0.0	14.566	1.017	15	-4	3	5	
1131	11311	B	4ACSR	7.50Y	124.9	0.00	1.06	0.02	0	0	0	0	0.00	0.0	16.073	1.507	0	0	2	2	
P 11313	1131	B	4ACSR	7.50Y	124.9	0.00	1.06	0.00	0	0	0	0	0.00	0.0	17.931	1.858	0	0	0	0	P
7561	756	B	4ACSR	7.55Y	125.8	0.10	0.23	4.38	2	32	-9	-96	0.02	0.1	10.028	1.278	32	-9	11	11	
753	766	ABC	1/0CU	7.55Y	125.8	0.10	0.24	20.07	4	439	-118	-97	0.53	0.1	2.333	0.751	21	-6	5	139	
752S	753	ABC	35V4E	7.55Y	125.8	0.00	0.24	14.50	41	317	-85	-97	0.00	0.0	2.333	0.000	0	0	0	100	
752	752S	ABC	1/0CU	7.54Y	125.6	0.11	0.35	14.50	3	317	-85	-97	0.44	0.1	3.488	1.155	6	-2	1	100	
746S	752	B	35V4E	7.54Y	125.6	0.00	0.35	24.09	69	175	-47	-97	0.00	0.0	3.488	0.000	0	0	0	53	
746	746S	B	4ACSR	7.50Y	125.0	0.67	1.02	24.09	12	175	-47	-97	0.97	0.6	4.525	1.037	95	-26	31	53	
7461	746	B	4ACSR	7.48Y	124.7	0.30	1.32	10.97	5	79	-22	-96	0.22	0.3	5.377	0.852	21	-6	7	22	
7462	7461	B	4ACSR	7.47Y	124.5	0.20	1.52	8.07	4	58	-16	-96	0.08	0.1	6.689	1.313	58	-16	15	15	
7376	752	ABC	1/0CU	7.54Y	125.6	0.02	0.37	6.21	1	135	-37	-96	0.04	0.0	4.065	0.577	18	-5	6	46	
7375	7376	A	6ACWC	7.54Y	125.6	0.04	0.41	3.93	2	29	-8	-96	0.01	0.0	4.573	0.508	29	-8	9	9	
7374	7376	ABC	1/0CU	7.54Y	125.6	0.02	0.39	4.09	1	89	-24	-97	0.02	0.0	4.879	0.813	28	-8	10	31	
7373	7374	C	6ACWC	7.53Y	125.5	0.13	0.52	5.78	3	42	-11	-97	0.04	0.1	6.141	1.262	42	-12	14	14	
7372	7374	ABC	1/0CU	7.54Y	125.6	0.00	0.40	0.90	0	20	-5	-97	0.00	0.0	6.254	1.376	20	-5	7	7	
765	753	ABC	1/0CU	7.54Y	125.7	0.03	0.27	4.58	1	100	-27	-97	0.03	0.0	3.402	1.070	20	-5	4	34	
751S	765	C	50V4E	7.54Y	125.7	0.00	0.27	11.00	22	80	-22	-96	0.00	0.0	3.402	0.000	0	0	0	29	
751	751S	C	4ACSR	7.53Y	125.5	0.28	0.55	11.00	5	80	-22	-96	0.17	0.2	4.461	1.059	56	-15	16	29	
7511	751	C	4ACSR	7.52Y	125.4	0.07	0.62	3.26	2	24	-6	-97	0.01	0.0	5.650	1.189	24	-6	13	13	
P 760	765	ABC	1/0CU	7.54Y	125.7	0.00	0.27	0.00	0	0	0	0	0.00	0.0	4.132	0.729	0	0	1	1	P

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total			
KW	4721	0	0	0	0	0	151		0.00	4872	Lowest Voltage =	120.11	on Element 775
KVAR	665	0	-652	-3	0	0	95			105	Max Accm VoltD =	5.89	on Element 775
											Max Elem VoltD =	2.18	on Element 774

Balanced Voltage Drop Report
Source: CAVE RUN

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units (Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss), mi (From Src, Length), and Element (KW, KVAR, Cons On, Cons Thru). Rows include CAVE RUN, Feeder NO. 1, and Feeder NO. 2.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total, and voltage drop details (Lowest Voltage, Max Accm VoltD, Max Elem VoltD).



Balanced Voltage Drop Report
Source: CLAY CITY

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for Feeder NO. 1 and Feeder NO. 2.

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit G = Generator Out of kvar Limits

Balanced Voltage Drop Report
Source: CLAY CITY

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for elements 605S through 576 and feeder sections 3 and 4.



Balanced Voltage Drop Report  
Source: CLAY CITY

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																Cons	Cons	On	Thru	
P 5764A-A	5764	ABC	Closed	7.38Y	123.0	-0.00	2.98	0.00	0	0	0	0	0.00	0.0	3.250	0.000	0	0	0	0 P
P 5764A-B	5764A-A	ABC	Closed	7.38Y	123.0	-0.00	2.98	0.00	0	0	0	0	0.00	0.0	3.250	0.000	0	0	0	0 P
P 5759	574	A	4/0ACSR	7.47Y	124.6	0.00	1.44	0.00	0	0	0	0	0.00	0.0	1.464	0.020	0	0	0	0 P
528	5801	ABC	336ACSR	7.49Y	124.9	0.06	1.15	45.98	6	1028	109	99	0.43	0.0	1.241	0.228	29	3	9	184
525	528	ABC	336ACSR	7.48Y	124.7	0.11	1.26	34.77	5	777	82	99	0.55	0.1	1.764	0.524	45	5	14	135
5252	525	ABC	336ACSR	7.48Y	124.6	0.13	1.38	25.57	3	571	60	99	0.39	0.1	2.861	1.096	309	32	60	105
5253S	5252	A	50V4E	7.48Y	124.6	-0.00	1.38	35.25	71	262	28	99	0.00	0.0	2.861	0.000	0	0	0	45
5253	5253S	A	6ACWC	7.41Y	123.6	1.06	2.44	35.25	18	262	28	99	1.65	0.6	3.837	0.977	176	18	29	45
5254	5253	A	6ACWC	7.40Y	123.3	0.25	2.70	11.43	6	84	9	99	0.11	0.1	4.781	0.943	84	9	16	16
5251	525	C	6ACWC	7.48Y	124.6	0.10	1.35	21.61	11	161	17	99	0.08	0.0	1.954	0.189	161	16	16	16
9525S	528	B	50V4E	7.49Y	124.9	-0.00	1.15	0.00	0	0	0	0	0.00	0.0	1.241	0.000	0	0	0	0
9525	528	B	6ACWC	7.46Y	124.4	0.46	1.60	29.72	15	221	23	99	0.52	0.2	1.902	0.662	221	23	40	40

KW	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total			
17555	17555	0	0	0	0	0	577	0.00	18132	18132	Lowest Voltage =	119.45	on Element 566
2749	2749	0	-1596	-1	0	0	1061		2213	2213	Max Accm VoltD =	6.55	on Element 566
											Max Elem VoltD =	1.75	on Element 635





Balanced Voltage Drop Report  
Source: FRENCHBURG

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru
11401	1140	C	4ACSR	14.51Y	120.9	0.12	5.08	10.56	5	152	23	99	0.09	0.1	13.806	0.938	151	23	29	29
11353	11358	B	4ACSR	14.52Y	121.0	0.17	4.97	10.35	5	149	23	99	0.13	0.1	12.294	1.387	149	23	50	50
11351	11359	A	4ACSR	14.55Y	121.2	0.01	4.76	2.99	1	43	7	99	0.00	0.0	10.825	0.258	43	7	7	7
11343	11341	ABC	336ACSR	14.57Y	121.4	0.01	4.60	46.13	6	1990	325	99	0.07	0.0	9.505	0.035	11	2	2	613
113431S	11343	ABC	VWVE	14.57Y	121.4	0.00	4.60	45.89	0	1979	323	99	0.00	0.0	9.505	0.000	0	0	0	611
113431	113431S	ABC	336ACSR	14.57Y	121.4	0.00	4.60	45.89	6	1979	323	99	0.06	0.0	9.534	0.030	0	0	0	611
11344S	113431	A	35L	14.57Y	121.4	-0.00	4.60	22.61	65	326	50	99	0.00	0.0	9.534	0.000	0	0	0	85
11344	11344S	A	4ACSR	14.54Y	121.2	0.21	4.81	22.61	11	326	50	99	0.36	0.1	10.314	0.780	325	50	85	85
11345	113431	ABC	2ACSR	14.55Y	121.3	0.14	4.74	38.35	14	1654	273	99	1.73	0.1	9.786	0.252	28	4	2	526
11346	11345	B	4ACSR	14.55Y	121.2	0.02	4.75	2.94	1	42	6	99	0.00	0.0	10.318	0.532	42	6	22	22
11347	11345	ABC	2ACSR	14.52Y	121.0	0.25	4.98	36.72	14	1581	262	99	2.98	0.2	10.280	0.493	107	25	19	502
11348S	11347	A	35E	14.52Y	121.0	0.00	4.98	12.79	37	184	28	99	0.00	0.0	10.280	0.000	0	0	0	87
11348	11348S	A	4ACSR	14.50Y	120.8	0.18	5.17	12.79	6	184	28	99	0.18	0.1	11.479	1.200	183	28	87	87
11350	11347	B	2ACSR	14.52Y	121.0	0.00	4.98	0.20	0	3	0	100	0.00	0.0	10.677	0.397	3	0	2	2
11349	11347	ABC	2ACSR	14.51Y	120.9	0.12	5.10	29.88	11	1285	206	99	1.18	0.1	10.565	0.286	44	13	5	394
1058S	11349	ABC	50E	14.51Y	120.9	0.00	5.10	28.83	58	1240	192	99	0.00	0.0	10.565	0.000	0	0	0	389
1058	1058S	ABC	2ACSR	14.50Y	120.8	0.06	5.16	28.83	11	1240	192	99	0.59	0.0	10.717	0.151	7	1	2	389
10582	1058	ABC	2ACSR	14.50Y	120.8	0.04	5.20	25.84	10	1111	172	99	0.30	0.0	10.818	0.101	76	12	16	352
1136	10582	C	4ACSR	14.46Y	120.5	0.27	5.46	19.64	10	281	43	99	0.47	0.2	11.617	0.799	167	25	52	104
11361	1136	C	4ACSR	14.46Y	120.5	0.08	5.54	7.96	4	114	17	99	0.05	0.0	12.412	0.795	114	17	52	52
1057	10582	B	4ACSR	14.36Y	119.7	1.15	6.35	52.62	26	754	118	99	6.47	0.9	11.783	0.965	94	14	25	232
10571S	1057	B	25L	14.36Y	119.7	-0.00	6.35	8.27	33	117	18	99	0.00	0.0	11.783	0.000	0	0	0	30
10571	10571S	B	4ACSR	14.35Y	119.6	0.06	6.41	8.27	4	117	18	99	0.04	0.0	12.382	0.599	117	18	30	30
10572	1057	B	4ACSR	14.35Y	119.6	0.07	6.42	37.73	19	535	82	99	0.31	0.1	11.865	0.081	7	1	1	177
10575S	10572	B	25L	14.35Y	119.6	0.00	6.42	5.37	21	76	12	99	0.00	0.0	11.865	0.000	0	0	0	26
10575	10575S	B	4ACSR	14.35Y	119.6	0.03	6.45	5.37	3	76	12	99	0.01	0.0	12.292	0.427	76	12	26	26
10574S	10572	B	25L	14.35Y	119.6	0.00	6.42	16.89	68	240	37	99	0.00	0.0	11.865	0.000	0	0	0	74
10574	10574S	B	4ACSR	14.33Y	119.4	0.19	6.60	16.89	8	240	37	99	0.23	0.1	12.776	0.911	239	36	74	74
10573S	10572	B	25L	14.35Y	119.6	0.00	6.42	14.97	60	212	32	99	0.00	0.0	11.865	0.000	0	0	0	76
10573	10573S	B	4ACSR	14.34Y	119.5	0.12	6.54	14.97	7	212	32	99	0.14	0.1	12.538	0.673	212	32	76	76
10581	1058	B	4ACSR	14.49Y	120.8	0.05	5.22	8.49	4	122	19	99	0.03	0.0	11.255	0.538	122	19	35	35
11332	11331	B	4ACSR	14.66Y	122.1	0.04	3.85	2.68	1	39	6	99	0.01	0.0	10.115	1.219	39	6	4	4
10651	1065	C	2ACSR	14.98Y	124.8	0.01	1.19	0.99	0	15	2	99	0.00	0.0	7.066	0.720	15	2	6	6
1062S	10772	B	25V4E	14.51Y	120.9	0.00	5.11	13.15	53	189	29	99	0.00	0.0	4.225	0.000	0	0	0	30
1062	1062S	B	4ACSR	14.47Y	120.6	0.30	5.41	13.15	7	189	29	99	0.37	0.2	5.429	1.205	84	13	12	30
10621	1062	B	4ACSR	14.46Y	120.5	0.12	5.53	7.26	4	104	16	99	0.07	0.1	6.852	1.422	104	16	18	18
10753	10752	A	4ACSR	14.85Y	123.7	0.02	2.27	4.31	2	63	10	99	0.01	0.0	1.846	0.423	63	10	11	11
10751	1075	B	4ACSR	14.86Y	123.8	0.01	2.16	1.18	1	17	3	98	0.00	0.0	2.190	1.012	17	3	10	10

KW	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total	Voltage Data		
12618	2410	0	0	0	0	0	683	0.00	13301	Lowest Voltage = 118.69	on Element 1063		
2410		0	-636	0	0	0	888		2661	Max Accm VoltD = 7.31	on Element 1063		
										Max Elem VoltD = 2.88	on Element 1041		

Balanced Voltage Drop Report
Source: HIGH ROCK

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like HIGH ROCK, 8000, 8000R, 8003, 8030S, etc.

Summary table with columns: Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Values: Load 683, Adjustment 0, Capacitance 0, Charging 0, Gen&Motors 0, Loops&Metas 0, Losses 20, No Load Losses 0.00, Total 702.

Lowest Voltage = 119.41 on Element 10003
Max Accm VoltD = 6.59 on Element 10003
Max Elem VoltD = 1.98 on Element 1002





Balanced Voltage Drop Report
Source: HOPE

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\
Title:
Case:

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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units Displayed In Volts (Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi)), and Cons On/Thru. Includes sections for Feeder NO. 1, 2, and 3.

Balanced Voltage Drop Report
Source: HOPE

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\
Title:
Case:

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

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes values like 7368 KW, 1383 KVAR, 7445 Total, and voltage drop notes.





Balanced Voltage Drop Report
Source: HUNT

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\
Title:
Case:

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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for 'Feeder NO. 4 Beginning with Node Element HU4'.

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit G = Generator Out of kvar Limits







Balanced Voltage Drop Report
Source: JEFFERSONVILLE

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like 7302C, 7301, 730, 744S, 744, 7442, 7441, 740S, 740, 7401, 742, 7421S, 7421, P 749, 741, 737, 7371, 731, 7311S, 7311, 7311S, 743S, 743, 743S, 7431, 743, 732, 7321A, 732, 7321A, 7321, C 724S, 7321, 724, 724S, 724, 724S, 7320S, 732, 7320S, 728, 730, 7281S, 728, 7281S, 728, 7281S, 728, 7281S, 723S, 7228, 723, 723S, 723, 723S, 7230S, 7230, 7230S, 723, 7230S, 7232, 7232S, 7231, 7230S, 7232, 7230S.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Values: KW 8950, KVAR 1314, Load 0, Adjustment 0, Capacitance -164, Charging 0, Gen&Motors 0, Loops&Metas 0, Losses 92, No Load Losses 0.00, Total 9042. Includes voltage drop notes: Lowest Voltage = 122.98 on Element 5240, Max Accm VoltD = 3.02 on Element 5240, Max Elem VoltD = 1.06 on Element 724.



Balanced Voltage Drop Report  
Source: MARIBA

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
11172	1117	ABC	4ACSR	7.40Y	123.4	0.15	2.63	55.05	27	1188	294	97	1.42	0.1	1.540	0.064	0	0	1	181
11173	11172	B	4ACSR	7.40Y	123.3	0.03	2.66	1.73	1	13	0	100	0.00	0.0	2.316	0.776	13	0	10	10
1116	11172	ABC	6ACWC	7.27Y	121.2	2.13	4.76	54.48	27	1174	294	97	19.56	1.7	2.471	0.930	49	0	33	170
111622	1116	ABC	6ACWC	7.26Y	121.1	0.17	4.93	50.62	25	1067	287	97	1.48	0.1	2.550	0.079	0	0	0	118
11162	111622	ABC	6ACWC	7.25Y	120.8	0.32	5.25	50.62	25	1065	287	97	2.75	0.3	2.697	0.147	3	0	2	118
REG101	11162	ABC	Regulator	7.56Y	126.0	-5.25	0.00	50.47	50	1059	286	97	0.00	0.0	2.697	0.000	0	0	0	116
1114S	REG101	ABC	VWVE	7.56Y	126.0	0.00	0.00	46.90	0	1025	286	96	0.00	0.0	2.697	0.000	0	0	0	100
1114	1114S	ABC	4ACSR	7.44Y	124.0	2.03	2.03	46.90	23	1025	286	96	15.92	1.6	3.723	1.027	60	0	20	100
11141	1114	ABC	4ACSR	7.36Y	122.7	1.31	3.33	44.33	22	949	280	96	9.42	1.0	4.449	0.726	105	80	11	80
11143	11141	ABC	6ACWC	7.27Y	121.1	1.57	4.91	37.99	19	816	197	97	9.97	1.2	5.452	1.003	63	0	29	60
11144	11143	ABC	6ACWC	7.22Y	120.4	0.71	5.62	35.18	18	742	193	97	4.26	0.6	5.925	0.473	6	0	4	31
CAP106	11144	ABC	Capacitor	7.22Y	120.4	-0.00	5.62	34.92	0	732	192	97	0.00	0.0	5.925	0.000	0	0	0	27
C 11145S	CAP106	ABC	35V4E	7.22Y	120.4	-0.00	5.62	37.30	107	732	343	91	0.00	0.0	5.925	0.000	0	0	0	27
11145	11145S	ABC	6ACWC	7.19Y	119.8	0.54	6.16	37.30	19	732	343	91	2.32	0.3	6.609	0.683	729	342	27	27
11142	11141	A	6ACWC	7.36Y	122.6	0.04	3.37	2.54	1	19	0	100	0.00	0.0	5.165	0.716	19	0	9	9
1115S	REG101	B	25V4E	7.56Y	126.0	-0.00	0.00	4.58	18	35	0	100	0.00	0.0	2.697	0.000	0	0	0	16
1115	1115S	B	6ACWC	7.55Y	125.9	0.09	0.09	4.58	2	35	0	100	0.02	0.0	3.571	0.874	35	0	16	16
11161S	1116	A	25V4E	7.27Y	121.2	-0.00	4.76	5.23	21	38	0	100	0.00	0.0	2.471	0.000	0	0	0	19
11161	11161S	A	6ACWC	7.27Y	121.1	0.14	4.89	5.23	3	38	0	100	0.03	0.1	3.652	1.181	38	0	19	19
11171	1117	B	4ACSR	7.41Y	123.5	0.03	2.51	2.16	1	16	0	100	0.00	0.0	2.117	0.641	16	0	10	10
----- Feeder NO. 4 Beginning with Node Element MA4 -----																				
MA4	MARIBA	B	Node	7.56Y	126.0	0.00	0.00	45.58	0	345	4	100	0.00	0.0	0.000	0.000	0	0	0	98
1104	MA4	B	4ACSR	7.49Y	124.9	1.09	1.09	45.58	23	345	4	100	2.85	0.8	0.565	0.565	42	0	9	98
11041S	1104	B	25V4E	7.49Y	124.9	-0.00	1.09	5.20	21	39	0	100	0.00	0.0	0.565	0.000	0	0	0	14
11041	11041S	B	4ACSR	7.49Y	124.8	0.08	1.17	5.20	3	39	0	100	0.02	0.0	1.262	0.697	39	0	14	14
11042	1104	B	4ACSR	7.43Y	123.8	1.15	2.24	34.76	17	261	2	100	2.19	0.8	1.401	0.836	64	0	14	75
11043	11042	B	4ACSR	7.37Y	122.8	0.98	3.22	26.13	13	194	1	100	1.44	0.7	2.318	0.917	35	0	18	61
1103S	11043	B	25V4E	7.37Y	122.8	0.00	3.22	5.34	21	39	0	100	0.00	0.0	2.318	0.000	0	0	0	14
1103	1103S	B	4ACSR	7.36Y	122.7	0.10	3.32	5.34	3	39	0	100	0.02	0.1	3.113	0.795	39	0	14	14
1102S	11043	B	35V4E	7.37Y	122.8	0.00	3.22	16.06	46	118	0	100	0.00	0.0	2.318	0.000	0	0	0	29
1102	1102S	B	4ACSR	7.34Y	122.4	0.38	3.61	16.06	8	118	0	100	0.28	0.2	3.161	0.842	87	0	20	29
11021	1102	B	4ACSR	7.34Y	122.3	0.10	3.71	4.24	2	31	0	100	0.02	0.1	4.196	1.036	31	0	9	9

KW	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total	Lowest Voltage = 119.84 on Element 11145		
4228	0	0	0	0	0	0	139	0.00	4367	597	Max Accm VoltD = 6.16 on Element 11145		
973	0	-476	0	0	0	0	99		597		Max Elem VoltD = 2.23 on Element 1117		







Balanced Voltage Drop Report  
Source: REID VILLAGE

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																					
-Base Voltage:120.0-																					
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----				
																Cons	Cons	On	Thru		
P 4615	460	ABC	1/OACSR	7.45Y	124.2	0.00	1.81	21.03	6	399	-249	-85	0.02	0.0	0.661	0.016	39	8	4	52	P
P 46140C	4615	ABC	Capacitor	7.45Y	124.2	0.00	1.81	18.87	0	332	-260	-79	0.00	0.0	0.661	0.000	0	0	0	39	P
46140	46140C	ABC	1/OACSR	7.44Y	124.1	0.11	1.92	15.09	4	332	61	98	0.27	0.1	1.037	0.375	0	0	0	39	
46143S	46140	ABC	50L	7.44Y	124.1	-0.00	1.92	5.58	11	122	24	98	0.00	0.0	1.037	0.000	0	0	0	21	
46143	46143S	ABC	1/OACSR	7.44Y	124.1	0.03	1.94	5.58	2	122	24	98	0.02	0.0	1.357	0.320	58	11	13	21	
46144	46143	ABC	OKOGUARD M	7.44Y	124.1	0.00	1.95	2.94	2	64	12	98	0.00	0.0	1.368	0.011	0	0	0	8	
46145	46144	ABC	1/OACSR	7.44Y	124.1	0.00	1.95	2.94	1	64	13	98	0.00	0.0	1.504	0.136	64	13	8	8	
4614	46140	ABC	1/OACSR	7.44Y	124.0	0.05	1.97	9.50	3	209	37	98	0.07	0.0	1.345	0.309	44	9	4	18	
46142	4614	ABC	336ACSR	7.44Y	124.0	0.01	1.97	7.48	1	165	28	99	0.01	0.0	1.466	0.121	0	0	0	14	
46141	46142	ABC	336ACSR	7.44Y	124.0	0.00	1.98	7.48	1	165	28	99	0.00	0.0	1.542	0.076	49	10	5	14	
4612	46141	A	OKOGUARD M	7.43Y	123.9	0.14	2.12	15.73	8	116	19	99	0.08	0.1	2.356	0.814	116	23	9	9	
4616	4615	C	OKOGUARD M	7.45Y	124.2	0.01	1.82	3.84	2	28	4	99	0.00	0.0	0.981	0.320	28	6	9	9	

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total			
KW	4805	0	0	0	0	0	121		0.00	4926	Lowest Voltage =	120.21	on Element 220
KVAR	950	0	-321	-15	0	0	98			712	Max Accm VoltD =	5.79	on Element 220
											Max Elem VoltD =	2.67	on Element 2253





Balanced Voltage Drop Report
Source: SIDEVIEW

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for Feeder NO. 3 and Feeder NO. 4.

Balanced Voltage Drop Report  
Source: SIDEVIEW

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.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)	Cons KW	Cons KVAR	On	Thru
1651	165	ABC	4/OACSR	7.39Y	123.2	0.39	2.77	48.14	10	1058	168	99	2.82	0.3	3.571	0.709	4	1	1	234
174S	1651	ABC	50L	7.39Y	123.2	0.00	2.77	25.11	50	551	84	99	0.00	0.0	3.571	0.000	0	0	0	99
174	174S	ABC	4ACSR	7.32Y	122.0	1.19	3.96	25.11	12	551	84	99	5.07	0.9	4.711	1.140	30	4	11	99
1741	174	ABC	4ACSR	7.26Y	121.0	1.04	5.00	23.75	12	516	78	99	4.01	0.8	5.839	1.129	93	14	19	88
1742S	1741	B	25L	7.26Y	121.0	-0.00	5.00	16.28	65	117	17	99	0.00	0.0	5.839	0.000	0	0	0	15
1742	1742S	B	4ACSR	7.23Y	120.5	0.50	5.50	16.28	8	117	17	99	0.31	0.3	7.118	1.279	117	17	15	15
17411	1741	ABC	336ACSR	7.26Y	121.0	0.04	5.04	14.02	2	302	45	99	0.07	0.0	6.335	0.495	76	11	8	54
1743	17411	ABC	4ACSR	7.24Y	120.7	0.26	5.30	10.51	5	226	34	99	0.45	0.2	6.979	0.645	39	6	11	46
213S	1743	A	U	7.24Y	120.7	0.00	5.30	25.25	0	181	27	99	0.00	0.0	6.979	0.000	0	0	0	33
REG108	213S	A	Regulator	7.56Y	126.0	-5.30	0.00	25.25	25	181	27	99	0.00	0.0	6.979	0.000	0	0	0	33
213	REG108	A	4ACSR	7.54Y	125.6	0.41	0.41	24.19	12	181	27	99	0.53	0.3	7.369	0.390	32	5	3	33
214	213	A	4ACSR	7.51Y	125.1	0.47	0.88	11.17	6	83	12	99	0.26	0.3	8.404	1.035	26	4	3	10
216	214	A	4ACSR	7.50Y	125.0	0.10	0.99	7.67	4	57	8	99	0.03	0.1	8.964	0.560	57	8	7	7
2131	213	A	4ACSR	7.53Y	125.5	0.07	0.48	8.79	4	66	10	99	0.03	0.1	7.529	0.159	1	0	2	20
215	2131	A	4ACSR	7.52Y	125.3	0.27	0.75	8.71	4	65	10	99	0.10	0.2	8.502	0.973	44	7	11	18
217	215	A	4ACSR	7.51Y	125.2	0.09	0.84	2.76	1	20	3	99	0.01	0.0	9.817	1.315	20	3	7	7
17438	1743	ABC	4ACSR	7.24Y	120.7	0.00	5.30	0.27	0	6	1	99	0.00	0.0	7.082	0.102	5	1	1	2
218	17438	A	4ACSR	7.24Y	120.7	0.00	5.31	0.03	0	0	0	0	0.00	0.0	8.010	0.928	0	0	1	1
164	1651	ABC	1/OACSR	7.37Y	122.9	0.33	3.11	22.85	7	500	80	99	1.21	0.2	4.333	0.762	12	2	5	134
163	164	ABC	1/OACSR	7.34Y	122.4	0.48	3.59	20.50	6	448	72	99	1.53	0.3	5.632	1.299	52	8	22	116
1631R	163	ABC	Regulator	7.56Y	126.0	-3.59	0.00	18.12	18	394	63	99	0.00	0.0	5.632	0.000	0	0	0	94
1631	1631R	ABC	6ACWC	7.55Y	125.8	0.19	0.19	17.60	9	394	63	99	0.57	0.1	5.885	0.253	5	1	3	94
5S	1631	B	70V4E	7.55Y	125.8	0.00	0.19	51.80	74	386	61	99	0.00	0.0	5.885	0.000	0	0	0	88
5	5S	B	4ACSR	7.35Y	122.5	3.27	3.46	51.80	26	386	61	99	8.83	2.3	7.350	1.465	80	12	15	88
3S	5	B	50H	7.35Y	122.5	0.00	3.46	8.97	18	65	10	99	0.00	0.0	7.350	0.000	0	0	0	25
3	3S	B	2ACSR	7.34Y	122.3	0.20	3.66	8.97	3	65	10	99	0.09	0.1	8.224	0.874	29	4	9	25
3111	3	B	2ACSR	7.33Y	122.2	0.09	3.75	5.00	2	36	5	99	0.02	0.0	9.125	0.901	31	5	12	16
3112	3111	B	4ACSR	7.33Y	122.2	0.01	3.77	0.73	0	5	1	98	0.00	0.0	9.967	0.842	5	1	4	4
4	5	B	4ACSR	7.32Y	122.0	0.56	4.02	31.93	16	232	35	99	0.95	0.4	7.749	0.399	39	6	8	48
6	4	B	4ACSR	7.31Y	121.9	0.09	4.11	4.31	2	31	5	99	0.01	0.0	8.637	0.887	31	5	12	12
2	4	B	4ACSR	7.27Y	121.1	0.89	4.91	22.26	11	161	24	99	1.04	0.6	8.651	0.902	27	4	9	28
2112	2	B	4ACSR	7.23Y	120.6	0.53	5.43	18.53	9	133	20	99	0.37	0.3	9.833	1.182	133	20	19	19
24	1631	ABC	6ACWC	7.55Y	125.8	0.00	0.19	0.12	0	3	0	100	0.00	0.0	6.550	0.665	3	0	3	3
158	164	A	4ACSR	7.36Y	122.7	0.15	3.26	5.39	3	39	6	99	0.03	0.1	5.515	1.182	39	6	13	13

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total			
KW	7867	0	0	0	0	0	279	0.00	8147	Lowest Voltage =	119.34	on Element 1511
KVAR	1190	0	0	0	0	0	374		1564	Max Accm VoltD =	6.66	on Element 1511
										Max Elem VoltD =	3.43	on Element 2023







Balanced Voltage Drop Report
Source: STANTON

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for elements 6135 through 6190.

Summary table with columns: Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Values include 13745 KW, 3698 KVAR, 0 adjustment, -2281 capacitance, 0 charging, 0 gen&motors, 0 loops&metas, 173 losses, 0 no load losses, 13918 total.

Lowest Voltage = 120.71 on Element 56225
Max Accm VoltD = 5.29 on Element 56225
Max Elem VoltD = 2.14 on Element 757



Balanced Voltage Drop Report  
Source: THREE FORKS

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru
10099R	100	ABC	Regulator	15.12Y	126.0	-3.06	0.00	39.69	40	1741	236	99	0.00	0.0	5.614	0.000	0	0	0	214
10099	10099R	ABC	1/0ACSR	15.10Y	125.8	0.20	0.20	38.73	11	1741	236	99	2.47	0.1	6.146	0.532	4	1	2	214
76S	10099	A	U	15.10Y	125.8	-0.00	0.20	50.09	0	749	104	99	0.00	0.0	6.146	0.000	0	0	0	91
76	76S	A	4ACSR	14.96Y	124.7	1.11	1.31	50.09	25	749	104	99	6.06	0.8	7.124	0.978	77	10	9	91
7699	76	A	4ACSR	14.83Y	123.6	1.11	2.42	44.92	22	666	91	99	5.29	0.8	8.270	1.145	126	16	16	82
104	7699	A	4ACSR	14.75Y	122.9	0.69	3.11	35.33	17	519	69	99	2.57	0.5	9.170	0.900	98	13	12	64
105	104	A	6ACWC	14.73Y	122.8	0.12	3.23	13.95	7	204	27	99	0.18	0.1	9.553	0.383	20	3	2	26
10589S	105	A	U	14.73Y	122.8	-0.00	3.23	12.55	0	183	24	99	0.00	0.0	9.553	0.000	0	0	0	24
10589	10589S	A	6ACWC	14.71Y	122.6	0.21	3.44	12.55	6	183	24	99	0.29	0.2	10.331	0.779	28	4	4	24
10588	10589	A	6ACWC	14.71Y	122.5	0.01	3.45	1.69	1	25	3	99	0.00	0.0	10.957	0.626	25	3	2	2
10587	10589	A	6ACWC	14.69Y	122.4	0.18	3.62	8.95	4	131	17	99	0.12	0.1	12.012	1.680	130	17	18	18
10498	104	A	4ACSR	14.72Y	122.7	0.21	3.32	14.72	7	215	28	99	0.33	0.2	9.852	0.682	48	6	8	26
10499S	10498	A	U	14.72Y	122.7	-0.00	3.32	0.00	0	0	0	0	0.00	0.0	9.852	0.000	0	0	0	0
10499	10498	A	4ACSR	14.72Y	122.6	0.03	3.36	11.43	6	167	22	99	0.03	0.0	10.070	0.218	142	19	16	18
11318	10499	A	4ACSR	14.72Y	122.6	0.02	3.37	1.70	1	25	3	99	0.00	0.0	10.903	0.833	25	3	2	2
101	7699	A	4ACSR	14.83Y	123.6	0.02	2.44	1.05	1	16	2	99	0.00	0.0	8.912	0.642	0	0	0	2
78	101	A	4ACSR	14.83Y	123.5	0.01	2.45	1.05	1	16	2	99	0.00	0.0	10.079	1.166	16	2	2	2
73	10099	ABC	397ACSR	15.09Y	125.8	0.03	0.23	21.94	3	985	129	99	0.19	0.0	6.752	0.605	194	25	25	121
7399S	73	ABC	U	15.09Y	125.8	0.00	0.23	2.43	0	109	14	99	0.00	0.0	6.752	0.000	0	0	0	22
7399	7399S	ABC	397ACSR	15.09Y	125.8	0.00	0.23	2.43	0	109	14	99	0.00	0.0	7.010	0.258	109	14	22	22
7398	73	ABC	397ACSR	15.09Y	125.7	0.03	0.26	15.19	2	682	89	99	0.12	0.0	7.818	1.066	318	42	34	74
7397	7398	B	4ACSR	15.08Y	125.7	0.04	0.30	4.68	2	70	9	99	0.01	0.0	8.535	0.717	70	9	7	7
67	7398	ABC	397ACSR	15.09Y	125.7	0.01	0.27	6.54	1	293	38	99	0.01	0.0	8.173	0.354	128	17	13	33
6799	67	B	4ACSR	15.08Y	125.7	0.08	0.35	7.71	4	115	15	99	0.05	0.0	9.020	0.847	115	15	11	11
6798	67	ABC	397ACSR	15.09Y	125.7	0.00	0.27	1.12	0	50	7	99	0.00	0.0	9.388	1.216	50	7	9	9
P 6798SW-A	6798	ABC	Open	15.09Y	125.7	0.00	0.27	0.00	0	0	0	0	0.00	0.0	9.388	0.000	0	0	0	0 P
103	108	ABC	4ACSR	14.79Y	123.3	0.02	2.72	1.75	1	77	10	99	0.01	0.0	5.868	1.163	77	10	10	10
102	10619	A	6ACWC	14.81Y	123.4	0.08	2.60	4.70	2	69	9	99	0.03	0.0	5.703	1.415	69	9	8	8

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total			
KW	9071	0	0	0	0	0	133	0.00	9204	Lowest Voltage = 121.08 on Element 11319		
KVAR	1190	0	0	0	0	0	100		1289	Max Accm VoltD = 4.92 on Element 11319		
										Max Elem VoltD = 1.11 on Element 7699		





Balanced Voltage Drop Report  
Source: TRAPP

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																KW	KVAR	Cons On	Cons Thru	
3421	3421S	A	4ACSR	7.43Y	123.8	0.28	2.24	10.65	5	78	15	98	0.11	0.1	3.058	1.087	78	15	19	19
3422	342	A	4ACSR	7.42Y	123.7	0.36	2.32	25.00	12	183	36	98	0.44	0.2	2.328	0.357	62	12	14	37
34221S	3422	A	35L	7.42Y	123.7	0.00	2.32	16.53	47	120	23	98	0.00	0.0	2.328	0.000	0	0	0	23
34221	34221S	A	4ACSR	7.39Y	123.2	0.43	2.75	16.53	8	120	23	98	0.39	0.3	2.861	0.533	0	0	0	23
3424	34221	A	4ACSR	7.39Y	123.2	0.07	2.83	3.87	2	28	5	98	0.01	0.0	3.648	0.787	28	5	8	8
3423	34221	A	4ACSR	7.38Y	123.0	0.24	3.00	12.67	6	92	18	98	0.11	0.1	3.653	0.792	92	18	15	15
----- Feeder NO. 3 Beginning with Node Element TR3 -----																				
TR3	TRAPP	ABC	Node	7.56Y	126.0	0.00	0.00	28.07	0	636	23	100	0.00	0.0	0.000	0.000	0	0	0	147
3380	TR3	ABC	336ACSR	7.56Y	126.0	0.03	0.03	28.07	4	636	23	100	0.12	0.0	0.165	0.165	0	0	0	147
338	3380	ABC	336ACSR	7.56Y	125.9	0.04	0.07	28.07	4	636	23	100	0.21	0.0	0.459	0.295	0	0	1	147
340C	338	ABC	Capacitor	7.56Y	125.9	-0.00	0.07	28.06	0	636	22	100	0.00	0.0	0.459	0.000	0	0	0	146
340	340C	ABC	1/0ACSR	7.53Y	125.6	0.35	0.42	29.24	9	636	188	96	1.39	0.2	1.154	0.695	199	60	26	146
351	340	ABC	1/0ACSR	7.53Y	125.4	0.15	0.57	17.61	5	381	115	96	0.39	0.1	1.571	0.417	10	2	6	101
357S	351	A	50V4E	7.53Y	125.4	0.00	0.57	20.76	42	153	34	98	0.00	0.0	1.571	0.000	0	0	0	57
357	357S	A	4ACSR	7.48Y	124.6	0.82	1.39	20.76	10	153	34	98	0.80	0.5	2.582	1.011	64	12	23	57
3570	357	A	4ACSR	7.45Y	124.1	0.50	1.88	12.01	6	87	21	97	0.28	0.3	3.627	1.044	35	7	11	34
364S	3570	A	25L	7.45Y	124.1	-0.00	1.88	7.17	29	52	14	97	0.00	0.0	3.627	0.000	0	0	0	23
364	364S	A	4ACSR	7.43Y	123.8	0.30	2.18	7.17	4	52	14	97	0.08	0.1	5.281	1.655	52	14	23	23
350	351	ABC	1/0ACSR	7.51Y	125.2	0.18	0.75	10.26	3	218	79	94	0.24	0.1	2.600	1.029	85	16	16	38
3502S	350	C	35H	7.51Y	125.2	-0.00	0.75	7.52	21	56	11	98	0.00	0.0	2.600	0.000	0	0	0	13
3502	3502S	C	4ACSR	7.50Y	125.0	0.25	1.00	7.52	4	56	11	98	0.07	0.1	3.936	1.336	55	11	13	13
P 3501	350	ABC	1/0ACSR	7.51Y	125.2	0.08	0.83	4.10	1	77	52	83	0.04	0.1	3.447	0.846	0	0	0	9 P
P 359	3501	ABC	1/0ACSR	7.51Y	125.2	-0.00	0.83	0.00	0	0	0	0	0.00	0.0	4.020	0.573	0	0	0	1 P
P 336	359	C	4ACSR	7.51Y	125.2	0.00	0.83	0.00	0	0	0	0	0.00	0.0	5.625	1.606	0	0	1	1 P
P 335	3501	ABC	1/0ACSR	7.50Y	125.1	0.11	0.94	4.10	1	77	52	83	0.06	0.1	4.718	1.272	16	3	4	8 P
P 33401	335	ABC	1/0ACSR	7.50Y	125.1	0.00	0.94	0.00	0	0	0	0	0.00	0.0	5.083	0.364	0	0	0	0 P
P 329	335	ABC	1/0ACSR	7.50Y	125.0	0.02	0.96	3.44	1	60	49	77	0.01	0.0	5.301	0.583	60	49	4	4 P
3371	340	ABC	4ACSR	7.53Y	125.6	0.01	0.43	2.48	1	55	11	98	0.00	0.0	1.212	0.059	17	3	6	19
337	3371	A	4ACSR	7.53Y	125.4	0.14	0.57	5.11	3	38	7	98	0.03	0.1	2.342	1.129	38	7	13	13

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total		
KW	3644	0	0	0	0	0	60		0.00	3704	Lowest Voltage =	120.11 on Element 306
KVAR	802	0	-330	0	0	0	49			520	Max Accm VoltD =	5.89 on Element 306
											Max Elem VoltD =	1.49 on Element 324





Balanced Voltage Drop Report  
Source: UNION CITY

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
126S	13078	A	U	15.01Y	125.1	-0.00	0.93	13.56	0	202	28	99	0.00	0.0	1.766	0.000	0	0	0	32
126	126S	A	4ACSR	14.98Y	124.9	0.20	1.14	13.56	7	202	28	99	0.21	0.1	3.011	1.246	201	28	32	32
----- Feeder NO. 1 Beginning with Node Element UCI -----																				
UC1	UNION CITY	ABC	Node	15.12Y	126.0	0.00	0.00	52.66	0	2368	311	99	0.00	0.0	0.000	0.000	0	0	0	265
132281	UC1	ABC	336ACSR	15.12Y	126.0	0.03	0.03	52.66	7	2368	311	99	0.42	0.0	0.168	0.168	0	0	0	265
13228	132281	ABC	1/0ACSR	15.10Y	125.8	0.14	0.17	52.66	15	2368	310	99	2.47	0.1	0.455	0.287	0	0	0	265
13227	13228	ABC	1/0ACSR	15.09Y	125.8	0.07	0.25	52.66	15	2365	308	99	1.29	0.1	0.605	0.150	0	0	0	265
13223	13227	BC	OKOGUARD M	15.09Y	125.8	0.00	0.25	3.46	2	105	-1	-100	0.00	0.0	0.670	0.066	16	2	3	20
13225	13223	B	OKOGUARD M	15.09Y	125.7	0.01	0.25	4.22	2	64	3	100	0.00	0.0	0.948	0.277	64	9	10	10
13224	13223	C	OKOGUARD M	15.09Y	125.7	0.00	0.25	1.67	1	25	-4	-99	0.00	0.0	1.022	0.352	25	3	7	7
13226	13227	A	OKOGUARD M	15.09Y	125.7	0.01	0.25	4.16	2	63	3	100	0.00	0.0	0.889	0.284	63	9	8	8
13221	13227	ABC	1/0ACSR	15.07Y	125.6	0.16	0.41	48.99	14	2197	306	99	2.57	0.1	0.951	0.347	8	1	1	237
11393	13221	C	4ACSR	15.07Y	125.6	0.02	0.43	24.98	12	374	44	99	0.06	0.0	0.989	0.038	0	0	0	29
11394	11393	C	OKOGUARD M	15.06Y	125.5	0.07	0.50	24.98	13	374	44	99	0.16	0.0	1.387	0.397	241	34	18	29
11395	11394	C	4ACSR	15.06Y	125.5	0.03	0.54	8.92	4	133	19	99	0.02	0.0	1.700	0.313	133	19	11	11
13211	13221	A	4ACSR	15.06Y	125.5	0.07	0.47	8.25	4	123	17	99	0.04	0.0	1.614	0.663	123	17	13	13
11392	13221	ABC	1/0ACSR	15.05Y	125.4	0.17	0.57	37.74	11	1689	241	99	1.98	0.1	1.433	0.482	149	21	14	194
132	11392	ABC	1/0ACSR	15.05Y	125.4	0.01	0.58	3.91	1	175	25	99	0.01	0.0	1.770	0.336	53	7	7	21
131	132	A	4ACSR	15.04Y	125.3	0.10	0.69	8.16	4	122	17	99	0.06	0.1	2.837	1.067	122	17	14	14
11253	11392	ABC	1/0ACSR	15.04Y	125.3	0.12	0.70	30.50	9	1363	194	99	1.22	0.1	1.864	0.431	28	4	3	159
11251S	11253	B	50E	15.04Y	125.3	-0.00	0.70	23.82	48	355	50	99	0.00	0.0	1.864	0.000	0	0	0	34
11251	11251S	B	4ACSR	15.01Y	125.1	0.20	0.89	23.82	12	355	50	99	0.35	0.1	2.548	0.684	354	50	34	34
11252	11253	ABC	1/0ACSR	15.03Y	125.3	0.05	0.75	21.93	6	980	139	99	0.35	0.0	2.103	0.239	23	3	3	122
9013	11252	ABC	1/0ACSR	15.03Y	125.2	0.02	0.77	21.43	6	957	136	99	0.16	0.0	2.216	0.113	7	1	1	119
125	9013	ABC	1/0ACSR	15.02Y	125.2	0.07	0.84	21.27	6	950	135	99	0.45	0.0	2.635	0.420	287	40	26	118
1251	125	A	1/0ACSR	15.00Y	125.0	0.16	1.00	44.56	13	663	94	99	0.73	0.1	2.936	0.301	31	4	6	92
1253	1251	A	1/0ACSR	14.99Y	124.9	0.07	1.07	34.42	10	511	72	99	0.25	0.0	3.109	0.174	25	4	4	72
120S	1253	A	35L	14.99Y	124.9	0.00	1.07	16.67	48	247	35	99	0.00	0.0	3.109	0.000	0	0	0	28
120	120S	A	4ACSR	14.95Y	124.6	0.31	1.38	16.67	8	247	35	99	0.54	0.2	3.977	0.867	51	7	5	28
121	120	A	4ACSR	14.95Y	124.6	0.05	1.43	3.62	2	54	8	99	0.01	0.0	5.210	1.233	54	8	6	6
12099	120	A	4ACSR	14.95Y	124.6	0.06	1.44	9.59	5	142	20	99	0.05	0.0	4.527	0.551	142	20	17	17
117S	1253	A	35E	14.99Y	124.9	0.00	1.07	16.06	46	238	34	99	0.00	0.0	3.109	0.000	0	0	0	40
117	117S	A	4ACSR	14.97Y	124.7	0.19	1.26	16.06	8	238	34	99	0.27	0.1	3.837	0.728	150	21	23	40
11177	117	A	4ACSR	14.96Y	124.7	0.07	1.33	5.94	3	88	12	99	0.03	0.0	4.807	0.969	88	12	17	17
1252	1251	A	4ACSR	14.99Y	124.9	0.07	1.07	8.06	4	120	17	99	0.04	0.0	3.654	0.718	120	17	14	14
P 9012	9013	ABC	336ACSR	15.03Y	125.2	-0.00	0.77	0.00	0	0	0	0	0.00	0.0	2.321	0.105	0	0	0	0 P

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total			
KW	8489	0	0	0	0	0	53	0.00	8542	Lowest Voltage = 123.88 on Element 378		
KVAR	1257	0	0	-109	0	0	45		1194	Max Accm VoltD = 2.12 on Element 378		
										Max Elem VoltD = 0.73 on Element 136		





Balanced Voltage Drop Report  
Source: BLEVINS VALLEY

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\  
Title:  
Case:

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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 1022S	10224	A	25L	6.98Y	116.3	-0.00	9.72	70.26	281	471	135	96	0.00	0.0	5.856	0.000	0	0	0	92	L
L 1022	1022S	A	4ACSR	6.80Y	113.4	2.88	12.61	70.26	59	471	135	96	9.33	2.0	6.912	1.056	206	58	36	92	L
L 10221	1022	A	4ACSR	6.72Y	111.9	1.47	14.07	39.10	33	256	73	96	2.79	1.1	7.791	0.879	74	21	17	56	L
L 10223	10221	A	4ACSR	6.69Y	111.5	0.44	14.51	11.28	9	73	21	96	0.18	0.2	9.339	1.548	73	20	16	16	L
L 10222	10221	A	4ACSR	6.69Y	111.5	0.40	14.47	16.36	14	106	30	96	0.24	0.2	8.769	0.978	106	30	23	23	L
P 7014	7013	ABC	1/0ACSR	7.37Y	122.9	0.06	3.13	11.14	6	168	181	68	0.06	0.0	3.300	0.453	168	181	10	10	P
7012	7011	B	4ACSR	7.40Y	123.3	0.31	2.69	12.05	10	86	24	96	0.13	0.2	3.188	1.030	86	24	15	15	
7016	701	B	4ACSR	7.44Y	124.1	0.50	1.93	15.79	13	114	32	96	0.28	0.3	2.567	1.271	113	32	27	27	

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total			
KW	3876	0	0	0	0	0	116		0.00	3991	Lowest Voltage =	111.49	on Element 10223
KVAR	1375	0	-800	0	0	0	156			731	Max Accm VoltD =	14.51	on Element 10223
											Max Elem VoltD =	3.05	on Element 702





Balanced Voltage Drop Report  
Source: BOWEN

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																					
-Base Voltage:120.0-																					
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
L 7565	7564	B	4ACSR	6.93Y	115.5	0.48	10.47	8.67	7	55	25	91	0.22	0.4	13.549	1.084	0	0	0	26	L
L 1132	7565	B	4ACSR	6.92Y	115.4	0.14	10.61	4.06	3	26	12	91	0.02	0.1	14.862	1.313	26	12	18	18	L
L 11311	7565	B	4ACSR	6.92Y	115.4	0.17	10.65	4.62	4	29	13	91	0.03	0.1	14.566	1.017	16	7	4	8	L
L 1131	11311	B	4ACSR	6.91Y	115.2	0.16	10.80	2.10	2	13	6	91	0.02	0.1	16.073	1.507	0	0	1	4	L
L 11313	1131	B	4ACSR	6.91Y	115.1	0.10	10.90	2.02	2	13	6	91	0.01	0.0	17.931	1.858	13	6	3	3	L
L 7561	756	B	4ACSR	7.06Y	117.6	0.15	8.36	4.63	4	30	13	92	0.02	0.1	10.028	1.278	30	13	12	12	L
755	7544	B	4ACSR	7.08Y	118.0	0.00	7.97	0.00	0	0	0	0	0.00	0.0	10.337	1.855	0	0	1	1	
753	766	ABC	1/OCU	7.46Y	124.4	0.50	1.59	46.09	17	942	431	91	2.91	0.3	2.333	0.751	12	6	5	249	
752S	753	ABC	35V4E	7.46Y	124.4	-0.00	1.59	14.24	41	291	131	91	0.00	0.0	2.333	0.000	0	0	0	97	
752	752S	ABC	1/OCU	7.45Y	124.2	0.23	1.82	14.24	5	291	131	91	0.42	0.1	3.488	1.155	10	5	1	97	
746S	752	B	35V4E	7.45Y	124.2	-0.00	1.82	23.38	67	159	72	91	0.00	0.0	3.488	0.000	0	0	0	52	
746	746S	B	4ACSR	7.40Y	123.3	0.90	2.72	23.38	20	159	72	91	0.90	0.6	4.525	1.037	87	39	30	52	
7461	746	B	4ACSR	7.37Y	122.9	0.40	3.11	10.44	9	70	32	91	0.20	0.3	5.377	0.852	18	8	6	22	
7462	7461	B	4ACSR	7.36Y	122.6	0.26	3.37	7.73	6	52	23	91	0.07	0.1	6.689	1.313	52	23	16	16	
7376	752	ABC	1/OCU	7.45Y	124.1	0.05	1.87	5.95	2	121	55	91	0.03	0.0	4.065	0.577	11	5	5	44	
7375	7376	A	6ACWC	7.44Y	124.1	0.05	1.92	4.15	4	28	13	91	0.01	0.0	4.573	0.508	28	13	9	9	
7374	7376	ABC	1/OCU	7.45Y	124.1	0.04	1.91	4.03	2	82	37	91	0.02	0.0	4.879	0.813	24	11	9	30	
7373	7374	C	6ACWC	7.43Y	123.9	0.19	2.10	5.97	5	41	18	92	0.04	0.1	6.141	1.262	41	18	14	14	
7372	7374	ABC	1/OCU	7.44Y	124.1	0.01	1.92	0.83	0	17	8	90	0.00	0.0	6.254	1.376	17	8	7	7	
765	753	ABC	1/OCU	7.44Y	123.9	0.48	2.07	31.24	12	636	291	91	1.88	0.3	3.402	1.070	16	7	4	147	
751S	765	C	50V4E	7.44Y	123.9	-0.00	2.07	11.53	23	78	35	91	0.00	0.0	3.402	0.000	0	0	0	29	
751	751S	C	4ACSR	7.41Y	123.5	0.43	2.49	11.53	10	78	35	91	0.21	0.3	4.461	1.059	49	22	16	29	
7511	751	C	4ACSR	7.40Y	123.4	0.13	2.62	4.25	4	29	13	91	0.02	0.1	5.650	1.189	29	13	13	13	
760	765	ABC	1/OCU	7.42Y	123.7	0.28	2.35	26.63	10	541	246	91	0.95	0.2	4.132	0.729	0	0	1	114	
761S	760	A	VXE	7.42Y	123.7	-0.00	2.35	79.90	0	540	245	91	0.00	0.0	4.132	0.000	0	0	0	113	
761	761S	A	4ACSR	7.28Y	121.3	2.38	4.73	79.90	67	540	245	91	9.84	1.8	4.737	0.605	36	16	10	113	
762R	761	A	Regulator	7.56Y	126.0	-4.73	0.00	74.45	74	494	223	91	0.00	0.0	4.737	0.000	0	0	0	103	
762	762R	A	4ACSR	7.53Y	125.5	0.53	0.53	71.65	60	494	223	91	1.98	0.4	4.886	0.149	26	12	4	103	
7622	762	A	4ACSR	7.40Y	123.3	2.13	2.66	58.79	49	403	182	91	5.65	1.4	5.792	0.906	174	78	35	87	
C 7623S	7622	A	25V4E	7.40Y	123.3	-0.00	2.66	23.53	94	159	72	91	0.00	0.0	5.792	0.000	0	0	0	32	C
7623	7623S	A	4ACSR	7.38Y	123.0	0.30	2.96	23.53	20	159	72	91	0.24	0.2	6.284	0.492	158	71	32	32	
7624	7622	A	4ACSR	7.39Y	123.1	0.24	2.90	9.59	8	65	29	91	0.08	0.1	6.769	0.977	65	29	20	20	
7621	762	A	4ACSR	7.52Y	125.4	0.11	0.64	9.08	8	62	28	91	0.03	0.1	5.343	0.458	62	28	12	12	

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total		
KW	5621	0	0	0	0	0	260		0.00	5880	Lowest Voltage =	113.39 on Element 7625
KVAR	2783	0	-652	-3	0	0	172			2300	Max Accm VoltD =	12.61 on Element 7625
											Max Elem VoltD =	2.98 on Element 774

Balanced Voltage Drop Report
Source: CAVE RUN

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units (Accum Drop, Thru Amps, % Cap, % KW, % Loss), mi (From Src, Length), Element (KW, KVAR), Cons On, Cons Thru. Includes data for Feeder NO. 1 and Feeder NO. 2.

Summary table with columns: Load (KW, KVAR), Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes voltage drop statistics: Lowest Voltage = 123.35 on Element 1025, Max Accm VoltD = 2.65 on Element 1025, Max Elem VoltD = 0.55 on Element 10381.





Balanced Voltage Drop Report
Source: CLAY CITY

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

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

Balanced Voltage Drop Report
Source: CLAY CITY

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, PF, % Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for elements 6373, 640S, 6401S, 5766SW-A, 5766SW-B, 57661, 5767, 5764, 5764A-A, 5764A-B, 5759, 528, 9525S, 525S, 525, 5252, 5253S, 5253, 5254, 5251, 9525.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Values: KW 14787, KVAR 5849, Load 0, Adjustment 0, Capacitance -1543, Charging -1, Gen&Motors 0, Loops&Metas 0, Losses 762, No Load Losses 0.00, Total 15549. Includes voltage statistics: Lowest Voltage = 113.68 on Element 6414, Max Accm VoltD = 12.32 on Element 6414, Max Elem VoltD = 3.43 on Element 634.





Balanced Voltage Drop Report
Source: FRENCHBURG

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements and a detailed view of Feeder NO. 4.

Balanced Voltage Drop Report
Source: FRENCHBURG

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Contains detailed data for various electrical elements and conductors.

Summary table with columns: Load KW, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total, and voltage drop information (Lowest Voltage, Max Accm VoltD, Max Elem VoltD).

Balanced Voltage Drop Report
Source: HIGH ROCK

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like HIGH ROCK, 8000, 8000R, 8003, 8030S, 8030, 1001, 10011, 10013, 10012, 1000, 10001S, 10001, 10003S, 10003, 10004, 10002S, 10002, 8002, 8020S, 8020, 1002, 1007, 10111S, 10111, 1011, 1009, 1012, 10121S, 10121, 781, 782, 7821S, 7821, 7823, 7822, 1014, 1006, 8001, 8010S, 8010, 776, 773.

Summary table with columns: Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Values: Load 660, Adjustment 0, Capacitance 0, Charging 0, Gen&Motors 0, Loops&Metas 0, Losses 20, No Load Losses 0.00, Total 680.

Lowest Voltage = 118.80 on Element 7822
Max Accm VoltD = 7.20 on Element 7822
Max Elem VoltD = 2.62 on Element 1002

Balanced Voltage Drop Report
Source: HINKSTON

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a detailed list of electrical components and their properties.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes values like 2803 KW, 1271 KVAR, 2822 Total, and voltage drop details.



Balanced Voltage Drop Report
Source: HOPE

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements 715 through 7722S.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Values: KW 5756, KVAR 2018, Total 5814, 2087.

Lowest Voltage = 122.00 on Element 475
Max Accm VoltD = 4.00 on Element 475
Max Elem VoltD = 1.22 on Element 473







Balanced Voltage Drop Report
Source: HUNT

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

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

Balanced Voltage Drop Report
Source: HUNT

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder NO. 2 beginning with Node Element HU2.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total, and voltage drop metrics (Lowest Voltage, Max Accm VoltD, Max Elem VoltD).



Balanced Voltage Drop Report
Source: JEFFERSONVILLE

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like 73612S, 73612, 7362, 7363, 727, 7302C, 7302, 7301, 730, 744S, 744, 7442, 7441, 740S, 740, 7401, 742, 7421S, 7421, 741, 737, 7371, 731, 7311S, 7311, 743S, 743, 7431, 732, 7321A, 7321, 724S, 724, 7241, 7320S, 7320, 728, 7281S, 7281, 7282, 728, 723S, 723, 7230, 7230S, 7232, 7231.

Summary table with columns: Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Values: Load 6637, Adjustment 0, Capacitance 0, Charging 0, Gen&Motors 0, Loops&Metas 0, Losses 64, No Load Losses 0.00, Total 6702. Includes voltage statistics: Lowest Voltage = 121.87 on Element 5440, Max Accm VoltD = 4.13 on Element 5440, Max Elem VoltD = 1.01 on Element 724.



Balanced Voltage Drop Report  
Source: MARIBA

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																KW	KVAR	Cons On	Cons Thru	
11141	1114	ABC	4ACSR	7.37Y	122.8	1.10	3.21	38.21	32	753	399	88	6.81	0.9	4.449	0.726	96	102	11	80
11143	11141	ABC	6ACWC	7.29Y	121.5	1.32	4.53	31.75	27	638	292	91	7.01	1.1	5.452	1.003	45	12	28	60
11144	11143	ABC	6ACWC	7.25Y	120.9	0.60	5.13	29.67	25	586	277	90	3.03	0.5	5.925	0.473	4	1	4	32
C 11145S	11144	ABC	35V4E	7.25Y	120.9	-0.00	5.13	29.49	84	579	275	90	0.00	0.0	5.925	0.000	0	0	0	28
11145	11145S	ABC	6ACWC	7.23Y	120.4	0.43	5.56	29.49	25	579	275	90	1.45	0.3	6.609	0.683	578	275	28	28
11142	11141	C	6ACWC	7.37Y	122.8	0.03	3.24	1.62	1	12	3	97	0.00	0.0	5.165	0.716	12	3	9	9
11171	1117	C	4ACSR	7.44Y	124.0	0.03	1.99	2.12	2	15	4	97	0.00	0.0	2.117	0.641	15	4	11	11
----- Feeder NO. 4 Beginning with Node Element MA4 -----																				
MA4	MARIBA	B	Node	7.56Y	126.0	0.00	0.00	26.64	0	195	51	97	0.00	0.0	0.000	0.000	0	0	0	100
1104	MA4	B	4ACSR	7.52Y	125.3	0.70	0.70	26.64	22	195	51	97	0.97	0.5	0.565	0.565	24	6	9	100
11041S	1104	B	25V4E	7.52Y	125.3	0.00	0.70	3.09	12	23	6	97	0.00	0.0	0.565	0.000	0	0	0	15
11041	11041S	B	4ACSR	7.51Y	125.2	0.05	0.76	3.09	3	23	6	97	0.01	0.0	1.262	0.697	22	6	15	15
11042	1104	B	4ACSR	7.47Y	124.5	0.78	1.48	20.25	17	147	39	97	0.81	0.5	1.401	0.836	23	6	13	76
11043	11042	B	4ACSR	7.43Y	123.9	0.66	2.14	17.05	14	123	32	97	0.55	0.4	2.318	0.917	37	10	18	63
1103S	11043	B	25V4E	7.43Y	123.9	-0.00	2.14	2.97	12	21	6	96	0.00	0.0	2.318	0.000	0	0	0	14
1103	1103S	B	4ACSR	7.43Y	123.8	0.06	2.20	2.97	2	21	6	96	0.01	0.0	3.113	0.795	21	6	14	14
1102S	11043	B	35V4E	7.43Y	123.9	-0.00	2.14	9.01	26	65	17	97	0.00	0.0	2.318	0.000	0	0	0	31
1102	1102S	B	4ACSR	7.42Y	123.6	0.24	2.38	9.01	8	65	17	97	0.09	0.1	3.161	0.842	48	13	21	31
11021	1102	B	4ACSR	7.41Y	123.6	0.06	2.43	2.27	2	16	4	97	0.00	0.0	4.196	1.036	16	4	10	10

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total			
KW	3058	0	0	0	0	0	86	0.00	3144	Lowest Voltage =	120.44	on Element 11145
KVAR	1346	0	-490	0	0	0	53		909	Max Accm VoltD =	5.56	on Element 11145
										Max Elem VoltD =	1.75	on Element 1117



Balanced Voltage Drop Report
Source: MT STERLING

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri, Base Volt, Element Drop, Accm Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Contains detailed data for various electrical components and their performance metrics.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes values like KW 5990, KVAR 1891, Total 1744, and voltage drop information.





Balanced Voltage Drop Report  
Source: REID VILLAGE

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																					
-Base Voltage:120.0-																					
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			Cons On	Cons Thru
45792	4579	C	OKOGUARD M	7.36Y	122.6	0.03	3.38	6.40	3	45	15	95	0.01	0.0	1.867	0.443	45	18	10	10	
4615	460	ABC	1/0ACSR	7.42Y	123.7	0.00	2.34	19.98	10	415	-160	-93	0.02	0.0	0.661	0.016	23	9	4	55	
46140C	4615	ABC	Capacitor	7.42Y	123.7	-0.00	2.34	17.49	0	341	-188	-88	0.00	0.0	0.661	0.000	0	0	0	42	
46140	46140C	ABC	1/0ACSR	7.41Y	123.5	0.13	2.47	16.42	8	341	131	93	0.31	0.1	1.037	0.375	0	0	0	42	
46143S	46140	ABC	50L	7.41Y	123.5	-0.00	2.47	5.93	12	123	48	93	0.00	0.0	1.037	0.000	0	0	0	23	
46143	46143S	ABC	1/0ACSR	7.41Y	123.5	0.03	2.50	5.93	3	123	48	93	0.02	0.0	1.357	0.320	81	32	15	23	
46144	46143	ABC	OKOGUARD M	7.41Y	123.5	0.00	2.50	2.00	1	41	16	93	0.00	0.0	1.368	0.011	0	0	0	8	
46145	46144	ABC	1/0ACSR	7.41Y	123.5	0.00	2.50	2.01	1	41	16	93	0.00	0.0	1.504	0.136	41	16	8	8	
4614	46140	ABC	1/0ACSR	7.41Y	123.5	0.06	2.53	10.49	5	218	82	94	0.09	0.0	1.345	0.309	40	16	5	19	
46142	4614	ABC	336ACSR	7.41Y	123.5	0.01	2.54	8.57	2	178	67	94	0.01	0.0	1.466	0.121	0	0	0	14	
46141	46142	ABC	336ACSR	7.41Y	123.5	0.00	2.54	8.57	2	178	67	94	0.00	0.0	1.542	0.076	49	19	5	14	
4612	46141	A	OKOGUARD M	7.40Y	123.3	0.18	2.72	18.62	10	130	47	94	0.11	0.1	2.356	0.814	129	51	9	9	
4616	4615	C	OKOGUARD M	7.42Y	123.6	0.03	2.37	7.25	4	51	18	94	0.01	0.0	0.981	0.320	51	20	9	9	

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total	
KW	4508	0	0	0	0	0	229	0.00	4737	Lowest Voltage = 110.26 on Element 2221
KVAR	1791	0	-319	-15	0	0	90		1547	Max Accm VoltD = 15.74 on Element 2221
										Max Elem VoltD = 2.67 on Element 2272



Balanced Voltage Drop Report
Source: SIDEVIEW

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Contains data for Feeder NO. 3 and Feeder NO. 4.

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit G = Generator Out of kvar Limits

Balanced Voltage Drop Report  
Source: SIDEVIEW

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
174	174S	ABC	4ACSR	7.29Y	121.5	1.41	4.53	29.28	25	609	221	94	6.93	1.1	4.711	1.140	28	10	11	152
1741	174	ABC	4ACSR	7.21Y	120.2	1.28	5.81	27.92	23	574	209	94	5.83	1.0	5.839	1.129	71	25	19	141
1742S	1741	B	25L	7.21Y	120.2	-0.00	5.81	11.89	48	81	29	94	0.00	0.0	5.839	0.000	0	0	0	16
1742	1742S	B	4ACSR	7.19Y	119.8	0.38	6.20	11.89	10	81	29	94	0.16	0.2	7.118	1.279	81	29	16	16
17411	1741	ABC	336ACSR	7.21Y	120.1	0.08	5.90	20.48	5	416	152	94	0.17	0.0	6.335	0.495	54	19	8	106
1743	17411	ABC	4ACSR	7.18Y	119.6	0.48	6.38	17.83	15	362	132	94	1.43	0.4	6.979	0.645	23	8	11	98
213S	1743	A	U	7.18Y	119.6	-0.00	6.38	49.12	0	331	121	94	0.00	0.0	6.979	0.000	0	0	0	85
213	213S	A	4ACSR	7.12Y	118.7	0.95	7.33	49.12	41	331	121	94	2.45	0.7	7.369	0.390	15	5	3	85
214	213	A	4ACSR	7.10Y	118.4	0.26	7.59	5.87	5	39	14	94	0.07	0.2	8.404	1.035	12	4	3	10
216	214	A	4ACSR	7.10Y	118.4	0.06	7.64	4.06	3	27	10	94	0.01	0.0	8.964	0.560	27	10	7	7
2131	213	A	4ACSR	7.10Y	118.3	0.33	7.66	41.08	35	275	101	94	0.73	0.3	7.529	0.159	0	0	2	72
L 215	2131	A	4ACSR	6.99Y	116.5	1.87	9.52	41.03	34	274	100	94	3.86	1.4	8.502	0.973	42	15	11	70 L
L 217	215	A	4ACSR	6.85Y	114.2	2.24	11.76	34.62	29	227	83	94	4.05	1.8	9.817	1.315	13	5	6	59 L
L 2171S	217	A	U	6.85Y	114.2	-0.00	11.76	32.63	0	210	76	94	0.00	0.0	9.817	0.000	0	0	0	53 L
L 2171	2171S	A	4ACSR	6.76Y	112.6	1.60	13.37	32.63	27	210	76	94	2.56	1.2	10.921	1.104	50	18	11	53 L
L 221	2171	A	4ACSR	6.75Y	112.5	0.16	13.53	6.18	5	39	14	94	0.04	0.1	11.742	0.822	29	11	8	13 L
L 2211	221	A	4ACSR	6.75Y	112.4	0.03	13.56	1.54	1	10	4	93	0.00	0.0	12.536	0.794	10	4	5	5 L
L 220	2171	A	4ACSR	6.73Y	112.1	0.52	13.89	18.57	16	118	42	94	0.35	0.3	12.037	1.117	118	42	29	29 L
17438	1743	ABC	4ACSR	7.18Y	119.6	0.00	6.38	0.32	0	6	2	95	0.00	0.0	7.082	0.102	6	2	1	2
P 218	17438	A	4ACSR	7.18Y	119.6	-0.00	6.38	0.00	0	0	0	0	0.00	0.0	8.010	0.928	0	0	1	1 P
164	1651	ABC	1/0ACSR	7.35Y	122.5	0.37	3.49	23.22	12	482	177	94	1.25	0.3	4.333	0.762	14	5	5	138
163	164	ABC	1/0ACSR	7.32Y	122.0	0.54	4.03	20.98	10	434	159	94	1.60	0.4	5.632	1.299	52	19	23	120
1631R	163	ABC	Regulator	7.56Y	126.0	-4.03	0.00	18.48	18	381	139	94	0.00	0.0	5.632	0.000	0	0	0	97
1631	1631R	ABC	6ACWC	7.55Y	125.8	0.19	0.19	17.89	15	381	139	94	0.59	0.2	5.885	0.253	4	2	3	97
5S	1631	B	70V4E	7.55Y	125.8	0.00	0.19	52.69	75	374	136	94	0.00	0.0	5.885	0.000	0	0	0	91
5	5S	B	4ACSR	7.34Y	122.3	3.51	3.71	52.69	44	374	136	94	9.20	2.5	7.350	1.465	74	27	16	91
3S	5	B	50H	7.34Y	122.3	-0.00	3.71	8.37	17	58	21	94	0.00	0.0	7.350	0.000	0	0	0	26
3	3S	B	2ACSR	7.33Y	122.1	0.20	3.91	8.37	5	58	21	94	0.07	0.1	8.224	0.874	29	10	10	26
3111	3	B	2ACSR	7.32Y	122.0	0.08	3.99	4.16	3	29	10	95	0.01	0.0	9.125	0.901	22	8	12	16
3112	3111	B	4ACSR	7.32Y	122.0	0.02	4.01	0.99	1	7	2	96	0.00	0.0	9.967	0.842	7	2	4	4
4	5	B	4ACSR	7.30Y	121.7	0.63	4.34	33.68	28	232	84	94	1.09	0.5	7.749	0.399	32	11	9	49
6	4	B	4ACSR	7.29Y	121.6	0.10	4.44	4.52	4	31	11	94	0.02	0.1	8.637	0.887	31	11	12	12
2	4	B	4ACSR	7.24Y	120.6	1.05	5.40	24.55	21	169	61	94	1.32	0.8	8.651	0.902	20	7	9	28
2112	2	B	4ACSR	7.20Y	120.0	0.65	6.04	21.63	18	147	53	94	0.50	0.3	9.833	1.182	147	53	19	19
24	1631	ABC	6ACWC	7.55Y	125.8	0.00	0.20	0.12	0	3	1	95	0.00	0.0	6.550	0.665	3	1	3	3
158	164	A	4ACSR	7.34Y	122.4	0.14	3.63	4.77	4	33	12	94	0.02	0.1	5.515	1.182	33	12	13	13

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total	
KW	5406	0	0	0	0	0	244	0.00	5650	Lowest Voltage = 112.11 on Element 220
KVAR	1950	0	0	0	0	0	218		2167	Max Accm VoltD = 13.89 on Element 220
										Max Elem VoltD = 3.51 on Element 5









Balanced Voltage Drop Report
Source: STANTON

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Contains detailed data for various electrical elements and conductors.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total, and voltage drop metrics (Lowest Voltage, Max Accm VoltD, Max Elem VoltD).



Balanced Voltage Drop Report
Source: THREE FORKS

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Contains detailed data for various electrical components and their connections.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes voltage drop statistics: Lowest Voltage = 122.50, Max Accm VoltD = 3.50, Max Elem VoltD = 0.74.

Balanced Voltage Drop Report
Source: TRAPP

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units (Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru). Rows include TRAPP, Feeder NO. 1 (TR1-3251), Feeder NO. 2 (TR2-3423), and Feeder NO. 3 (TR3-3380).

Balanced Voltage Drop Report  
Source: TRAPP

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element----- KW KVAR	Cons On	Cons Thru	
338	3380	ABC	336ACSR	7.55Y	125.9	0.07	0.11	29.06	7	632	187	96	0.23	0.0	0.459	0.295	0	0	1	146
340C	338	ABC	Capacitor	7.55Y	125.9	-0.00	0.11	29.06	0	632	187	96	0.00	0.0	0.459	0.000	0	0	0	145
340	340C	ABC	1/0ACSR	7.53Y	125.5	0.42	0.52	31.90	16	632	352	87	1.70	0.3	1.154	0.695	186	91	24	145
351	340	ABC	1/0ACSR	7.52Y	125.3	0.18	0.70	19.88	10	385	230	86	0.50	0.1	1.571	0.417	15	7	6	104
357S	351	A	50V4E	7.52Y	125.3	-0.00	0.70	24.64	49	166	82	90	0.00	0.0	1.571	0.000	0	0	0	56
357	357S	A	4ACSR	7.46Y	124.3	1.03	1.73	24.64	21	166	82	90	1.16	0.7	2.582	1.011	65	32	22	56
3570	357	A	4ACSR	7.42Y	123.6	0.64	2.36	15.02	13	100	50	89	0.43	0.4	3.627	1.044	42	21	11	34
364S	3570	A	25L	7.42Y	123.6	0.00	2.36	8.78	35	58	29	89	0.00	0.0	3.627	0.000	0	0	0	23
364	364S	A	4ACSR	7.40Y	123.3	0.37	2.74	8.78	7	58	29	89	0.11	0.2	5.281	1.655	58	29	23	23
350	351	ABC	1/0ACSR	7.51Y	125.1	0.21	0.91	10.99	5	204	141	82	0.29	0.1	2.600	1.029	72	36	18	42
3502S	350	C	35H	7.51Y	125.1	0.00	0.91	4.57	13	31	15	90	0.00	0.0	2.600	0.000	0	0	0	13
3502	3502S	C	4ACSR	7.50Y	124.9	0.16	1.07	4.57	4	31	15	90	0.03	0.1	3.936	1.336	31	15	13	13
P 3501	350	ABC	1/0ACSR	7.50Y	125.0	0.11	1.03	5.99	3	101	90	75	0.09	0.1	3.447	0.846	0	0	0	11 P
P 359	3501	ABC	1/0ACSR	7.50Y	125.0	-0.00	1.03	0.00	0	0	0	0	0.00	0.0	4.020	0.573	0	0	0	1 P
P 336	359	C	4ACSR	7.50Y	125.0	-0.00	1.03	0.00	0	0	0	0	0.00	0.0	5.625	1.606	0	0	1	1 P
P 335	3501	ABC	1/0ACSR	7.49Y	124.8	0.16	1.19	5.99	3	101	89	75	0.13	0.1	4.718	1.272	11	5	4	10 P
P 33401	335	ABC	1/0ACSR	7.49Y	124.8	-0.00	1.19	0.00	0	0	0	0	0.00	0.0	5.083	0.364	0	0	0	0 P
P 329	335	ABC	1/0ACSR	7.49Y	124.8	0.04	1.22	5.46	3	89	84	73	0.02	0.0	5.301	0.583	89	84	6	6 P
3371	340	ABC	4ACSR	7.53Y	125.5	0.01	0.53	2.89	2	58	29	89	0.00	0.0	1.212	0.059	24	12	6	17
337	3371	A	4ACSR	7.52Y	125.3	0.15	0.68	5.08	4	34	17	89	0.03	0.1	2.342	1.129	34	17	11	11

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total			
KW	2751	0	0	0	0	0	43		0.00	2793	Lowest Voltage =	121.20	on Element 306
KVAR	1397	0	-330	0	0	0	31			1098	Max Accm VoltD =	4.80	on Element 306
											Max Elem VoltD =	1.43	on Element 324



Balanced Voltage Drop Report
Source: UNION CITY

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units (Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi)), Element (KW, KVAR, Cons On, Cons Thru). Rows include UNION CITY, Feeder NO. 4, 3, 2, and UC1.

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit G = Generator Out of kvar Limits

Balanced Voltage Drop Report  
Source: UNION CITY

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\INITIAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru
132281	UC1	ABC	336ACSR	15.12Y	126.0	0.02	0.02	29.42	7	1258	446	94	0.13	0.0	0.168	0.168	0	0	0	273
13228	132281	ABC	1/0ACSR	15.11Y	125.9	0.09	0.11	29.42	15	1258	445	94	0.77	0.1	0.455	0.287	0	0	0	273
13227	13228	ABC	1/0ACSR	15.10Y	125.8	0.05	0.16	29.42	15	1257	445	94	0.40	0.0	0.605	0.150	0	0	0	273
13223	13227	BC	OKOGUARD M	15.10Y	125.8	0.00	0.16	2.49	1	74	12	99	0.00	0.0	0.670	0.066	10	4	4	22
13225	13223	B	OKOGUARD M	15.10Y	125.8	0.00	0.16	2.58	1	38	8	98	0.00	0.0	0.948	0.277	38	14	10	10
13224	13223	C	OKOGUARD M	15.10Y	125.8	0.00	0.16	1.72	1	26	2	100	0.00	0.0	1.022	0.352	26	10	8	8
13226	13227	A	OKOGUARD M	15.10Y	125.8	0.00	0.16	2.57	1	38	8	98	0.00	0.0	0.889	0.284	38	14	8	8
13221	13227	ABC	1/0ACSR	15.09Y	125.7	0.10	0.25	26.94	13	1144	424	94	0.78	0.1	0.951	0.347	6	2	1	243
11393	13221	C	4ACSR	15.09Y	125.7	0.01	0.27	13.26	11	190	63	95	0.02	0.0	0.989	0.038	0	0	0	29
11394	11393	C	OKOGUARD M	15.08Y	125.7	0.04	0.31	13.26	7	190	63	95	0.05	0.0	1.387	0.397	122	46	18	29
11395	11394	C	4ACSR	15.08Y	125.7	0.02	0.33	4.81	4	68	26	93	0.01	0.0	1.700	0.313	68	26	11	11
13211	13221	A	4ACSR	15.08Y	125.7	0.04	0.30	5.18	4	73	28	93	0.02	0.0	1.614	0.663	73	28	13	13
11392	13221	ABC	1/0ACSR	15.08Y	125.6	0.10	0.35	20.66	10	875	331	94	0.60	0.1	1.433	0.482	65	25	16	200
132	11392	ABC	1/0ACSR	15.08Y	125.6	0.01	0.36	1.93	1	82	31	94	0.00	0.0	1.770	0.336	30	11	7	21
131	132	A	4ACSR	15.07Y	125.6	0.05	0.41	3.64	3	51	19	94	0.01	0.0	2.837	1.067	51	19	14	14
11253	11392	ABC	1/0ACSR	15.07Y	125.6	0.08	0.43	17.19	9	727	275	94	0.39	0.1	1.864	0.431	19	7	3	163
11251S	11253	B	50E	15.07Y	125.6	0.00	0.43	12.17	24	172	65	94	0.00	0.0	1.864	0.000	0	0	0	32
11251	11251S	B	4ACSR	15.06Y	125.5	0.11	0.54	12.17	10	172	65	94	0.09	0.1	2.548	0.684	172	65	32	32
11252	11253	ABC	1/0ACSR	15.06Y	125.5	0.03	0.46	12.68	6	536	203	94	0.12	0.0	2.103	0.239	11	4	4	128
9013	11252	ABC	1/0ACSR	15.06Y	125.5	0.01	0.48	12.41	6	525	198	94	0.05	0.0	2.216	0.113	6	2	1	124
125	9013	ABC	1/0ACSR	15.06Y	125.5	0.05	0.53	12.27	6	519	196	94	0.15	0.0	2.635	0.420	139	52	27	123
1251	125	A	1/0ACSR	15.04Y	125.4	0.11	0.64	26.92	13	379	143	94	0.26	0.1	2.936	0.301	21	8	6	96
1253	1251	A	1/0ACSR	15.04Y	125.3	0.05	0.68	20.26	10	285	108	94	0.09	0.0	3.109	0.174	17	7	4	76
120S	1253	A	35L	15.04Y	125.3	-0.00	0.68	8.35	24	117	44	94	0.00	0.0	3.109	0.000	0	0	0	28
120	120S	A	4ACSR	15.02Y	125.2	0.16	0.84	8.35	7	117	44	94	0.13	0.1	3.977	0.867	30	11	5	28
121	120	A	4ACSR	15.01Y	125.1	0.03	0.88	2.02	2	28	11	93	0.00	0.0	5.210	1.233	28	11	6	6
12099	120	A	4ACSR	15.02Y	125.1	0.03	0.87	4.17	4	59	22	94	0.01	0.0	4.527	0.551	59	22	17	17
117S	1253	A	35E	15.04Y	125.3	-0.00	0.68	10.67	30	150	57	93	0.00	0.0	3.109	0.000	0	0	0	44
117	117S	A	4ACSR	15.02Y	125.2	0.14	0.82	10.67	9	150	57	93	0.13	0.1	3.837	0.728	89	33	25	44
11177	117	A	4ACSR	15.01Y	125.1	0.05	0.88	4.35	4	61	23	94	0.02	0.0	4.807	0.969	61	23	19	19
1252	1251	A	4ACSR	15.04Y	125.3	0.05	0.68	5.16	4	73	27	94	0.02	0.0	3.654	0.718	73	27	14	14
P 9012	9013	ABC	336ACSR	15.06Y	125.5	0.00	0.48	0.00	0	0	0	0	0.00	0.0	2.321	0.105	0	0	0	0 P

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total			
KW	4623	0	0	0	0	0	29	0.00	4651	Lowest Voltage = 123.17 on Element 13517		
KVAR	1766	0	0	-109	0	0	23		1680	Max Accm VoltD = 2.83 on Element 13517		
										Max Elem VoltD = 1.02 on Element 135		







Balanced Voltage Drop Report  
Source: BLEVINS VALLEY

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																					
-Base Voltage:120.0-																					
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
C 667S	REG44	ABC	25L	7.56Y	126.0	0.00	0.00	31.19	125	685	176	97	0.00	0.0	3.697	0.000	0	0	0	88	C
667	667S	ABC	4ACSR	7.53Y	125.5	0.46	0.46	31.19	26	685	176	97	2.05	0.3	4.154	0.457	301	232	22	88	
P 667C	667	ABC	Capacitor	7.53Y	125.5	0.00	0.46	-7.27	0	0	-164	0	0.00	0.0	4.154	0.000	0	0	0	0	P
6672	667	A	4ACSR	7.53Y	125.5	0.04	0.50	8.45	7	61	17	96	0.01	0.0	4.345	0.191	61	17	6	6	
6671	667	C	4ACSR	7.52Y	125.3	0.28	0.74	14.96	13	108	30	96	0.15	0.1	4.916	0.762	108	30	18	18	
666	667	C	4ACSR	7.51Y	125.1	0.39	0.85	29.32	25	213	60	96	0.52	0.2	4.510	0.356	104	29	20	42	
6661	666	C	4ACSR	7.49Y	124.8	0.36	1.21	15.00	13	108	30	96	0.19	0.2	5.471	0.961	108	30	22	22	
P 7014	7013	ABC	1/0ACSR	7.38Y	122.9	0.06	3.05	11.13	6	168	181	68	0.06	0.0	3.300	0.453	168	181	10	10	P
7012	7011	C	4ACSR	7.40Y	123.4	0.31	2.63	12.04	10	86	24	96	0.13	0.2	3.188	1.030	86	24	15	15	
7016	701	A	4ACSR	7.45Y	124.1	0.50	1.90	15.78	13	114	32	96	0.28	0.3	2.567	1.271	113	32	27	27	

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total		
KW	3957	0	0	0	0	0	89	0.00	4046	Lowest Voltage = 120.50 on Element 10223		
KVAR	1404	0	-810	0	0	0	144		738	Max Accm VoltD = 5.50 on Element 10223		
										Max Elem VoltD = 1.88 on Element XFMR9		



Balanced Voltage Drop Report  
Source: BOWEN

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
753	766	ABC	1/0CU	7.51Y	125.2	0.21	0.75	19.31	7	397	180	91	0.50	0.1	2.333	0.751	12	6	5	136
752S	753	ABC	35V4E	7.51Y	125.2	-0.00	0.75	14.14	40	291	131	91	0.00	0.0	2.333	0.000	0	0	0	97
752	752S	ABC	1/0CU	7.50Y	125.0	0.23	0.98	14.14	5	291	131	91	0.41	0.1	3.488	1.155	10	5	1	97
746S	752	B	35V4E	7.50Y	125.0	0.00	0.98	23.22	66	159	72	91	0.00	0.0	3.488	0.000	0	0	0	52
746	746S	B	4ACSR	7.45Y	124.1	0.89	1.87	23.22	20	159	72	91	0.89	0.6	4.525	1.037	87	39	30	52
7461	746	B	4ACSR	7.42Y	123.7	0.39	2.27	10.37	9	70	32	91	0.20	0.3	5.377	0.852	18	8	6	22
7462	7461	B	4ACSR	7.41Y	123.5	0.26	2.52	7.68	6	52	23	91	0.07	0.1	6.689	1.313	52	23	16	16
7376	752	ABC	1/0CU	7.50Y	125.0	0.05	1.03	5.91	2	121	55	91	0.03	0.0	4.065	0.577	11	5	5	44
7375	7376	A	6ACWC	7.49Y	124.9	0.05	1.08	4.12	3	28	13	91	0.01	0.0	4.573	0.508	28	13	9	9
7374	7376	ABC	1/0CU	7.50Y	124.9	0.04	1.07	4.00	2	82	37	91	0.02	0.0	4.879	0.813	24	11	9	30
7373	7374	C	6ACWC	7.48Y	124.7	0.19	1.26	5.93	5	41	18	92	0.04	0.1	6.141	1.262	41	18	14	14
7372	7374	ABC	1/0CU	7.50Y	124.9	0.01	1.08	0.83	0	17	8	90	0.00	0.0	6.254	1.376	17	8	7	7
765	753	ABC	1/0CU	7.51Y	125.2	0.06	0.82	4.56	2	94	42	91	0.04	0.0	3.402	1.070	16	7	4	34
751S	765	C	50V4E	7.51Y	125.2	0.00	0.82	11.41	23	78	35	91	0.00	0.0	3.402	0.000	0	0	0	29
751	751S	C	4ACSR	7.49Y	124.8	0.42	1.24	11.41	10	78	35	91	0.20	0.3	4.461	1.059	49	22	16	29
7511	751	C	4ACSR	7.48Y	124.6	0.13	1.37	4.21	4	29	13	91	0.02	0.1	5.650	1.189	29	13	13	13
P 760	765	ABC	1/0CU	7.51Y	125.2	-0.00	0.82	0.00	0	0	0	0	0.00	0.0	4.132	0.729	0	0	1	1 P
761S	760	A	VXE	7.51Y	125.2	-0.00	0.82	0.00	0	0	0	0	0.00	0.0	4.132	0.000	0	0	0	0
C 764S	CAP64	ABC	25V4E	7.54Y	125.6	-0.00	0.41	24.15	97	496	229	91	0.00	0.0	1.109	0.000	0	0	0	89 C
764	764S	ABC	4ACSR	7.51Y	125.1	0.45	0.87	24.15	20	496	229	91	1.84	0.4	1.558	0.449	28	12	11	89
7642	764	ABC	2ACSR	7.49Y	124.8	0.36	1.23	20.14	13	412	191	91	0.96	0.2	2.361	0.803	208	99	10	59
7643	7642	C	6ACWC	7.46Y	124.4	0.41	1.64	29.70	25	203	91	91	0.63	0.3	2.635	0.274	4	2	1	49
7644S	7643	C	25V4E	7.46Y	124.4	0.00	1.64	16.32	65	111	50	91	0.00	0.0	2.635	0.000	0	0	0	29
7644	7644S	C	2ACSR	7.44Y	124.0	0.36	2.00	16.32	10	111	50	91	0.19	0.2	3.821	1.187	111	50	29	29
763S	7643	C	25V4E	7.46Y	124.4	0.00	1.64	12.72	51	87	39	91	0.00	0.0	2.635	0.000	0	0	0	19
763	763S	C	6ACWC	7.45Y	124.2	0.21	1.84	12.72	11	87	39	91	0.09	0.1	3.273	0.638	86	39	19	19
7641	764	B	4ACSR	7.50Y	125.0	0.10	0.97	8.03	7	55	25	91	0.03	0.1	2.051	0.493	55	25	19	19

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total		
KW	5046	0	0	0	0	0	228		0.00	5274	Lowest Voltage =	117.28 on Element 775
KVAR	2524	0	-981	-3	0	0	141			1681	Max Accm VoltD =	8.72 on Element 775
											Max Elem VoltD =	2.98 on Element 774

Balanced Voltage Drop Report
Source: CAVE RUN

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes sections for Feeder NO. 1 and Feeder NO. 2.

Summary table with columns: Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes values for KW (1490), KVAR (572), and voltage drop statistics.









Balanced Voltage Drop Report  
Source: CLAY CITY

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																KW	KVAR	On	Thru	
5766SW-A	5766	ABC	Closed	7.32Y	122.0	0.00	3.99	9.80	0	201	76	94	0.00	0.0	3.645	0.000	0	0	0	45
P 5766SW-B	5766SW-A	ABC	Closed	7.32Y	122.0	0.00	3.99	0.00	0	0	0	0	0.00	0.0	3.645	0.000	0	0	0	0
57661	5766SW-A	ABC	336ACSR	7.32Y	122.0	0.01	3.99	9.80	2	201	76	94	0.00	0.0	3.717	0.072	67	24	17	45
5767	57661	ABC	336ACSR	7.32Y	122.0	0.01	4.00	6.53	1	134	52	93	0.00	0.0	4.051	0.334	134	52	28	28
5764	57631	ABC	336ACSR	7.35Y	122.6	0.00	3.43	1.10	0	23	8	94	0.00	0.0	3.250	0.078	23	8	7	7
P 5764A-A	5764	ABC	Closed	7.35Y	122.6	-0.00	3.43	0.00	0	0	0	0	0.00	0.0	3.250	0.000	0	0	0	0
P 5764A-B	5764A-A	ABC	Closed	7.35Y	122.6	-0.00	3.43	0.00	0	0	0	0	0.00	0.0	3.250	0.000	0	0	0	0
P 5759	574	A	4/OACSR	7.46Y	124.3	0.00	1.71	0.00	0	0	0	0	0.00	0.0	1.464	0.020	0	0	0	0
528	5801	ABC	336ACSR	7.48Y	124.6	0.07	1.35	35.88	8	757	274	94	0.26	0.0	1.241	0.228	37	13	8	182
525	528	ABC	336ACSR	7.47Y	124.5	0.11	1.46	26.07	6	550	199	94	0.31	0.1	1.764	0.524	37	13	14	134
5252	525	ABC	336ACSR	7.46Y	124.4	0.13	1.59	20.03	5	422	153	94	0.23	0.1	2.861	1.096	248	89	60	104
5253S	5252	A	50V4E	7.46Y	124.4	-0.00	1.59	24.83	50	174	63	94	0.00	0.0	2.861	0.000	0	0	0	44
5253	5253S	A	6ACWC	7.42Y	123.6	0.80	2.40	24.83	21	174	63	94	0.81	0.5	3.837	0.977	119	43	29	44
5254	5253	A	6ACWC	7.41Y	123.4	0.19	2.58	7.82	7	55	20	94	0.05	0.1	4.781	0.943	55	20	15	15
5251	525	A	6ACWC	7.47Y	124.5	0.06	1.52	12.91	11	91	33	94	0.03	0.0	1.954	0.189	91	33	16	16
9525S	528	B	50V4E	7.48Y	124.6	0.00	1.35	0.00	0	0	0	0	0.00	0.0	1.241	0.000	0	0	0	0
9525	528	B	6ACWC	7.45Y	124.2	0.40	1.75	24.10	20	170	61	94	0.34	0.2	1.902	0.662	169	61	40	40

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total			
KW	14787	0	0	0	0	0	276	0.00	15063	Lowest Voltage =	121.17	on Element 6101
KVAR	5849	0	-2713	-1	0	0	662		3796	Max Accm VoltD =	4.83	on Element 6101
										Max Elem VoltD =	1.30	on Element 635

Balanced Voltage Drop Report
Source: FRENCHBURG

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi, From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like FB1, 1074S, 1074, 1061, etc.

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit G = Generator Out of kvar Limits



Balanced Voltage Drop Report
Source: FRENCHBURG

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

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

Summary table with columns: Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes values for KW (9473), KVAR (3421), and voltage drop metrics (Lowest Voltage = 121.23, Max Accm VoltD = 4.77, Max Elem VoltD = 1.98).

Balanced Voltage Drop Report
Source: HIGH ROCK

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like HIGH ROCK, 8000, 8000R, 8003, 8030S, 8030, 1001, 10011, 10012, 1000, 10001S, 10001, 10003S, 10003, 10004, 10002S, 10002, 8002, 8020S, 8020, 1002, 1007, 10111S, 10111, 1011, 1009, 1012, 10121S, 10121, 781, 782, 7821S, 7821, 7823, 7822, 1014, 1006, 8001, 8010S, 8010, 776, 773.

Summary table with columns: Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Values: Load 660, Adjustment 0, Capacitance 0, Charging 0, Gen&Motors 0, Loops&Metas 0, Losses 20, No Load Losses 0.00, Total 680. Additional text: Lowest Voltage = 118.80 on Element 7822, Max Accm VoltD = 7.20 on Element 7822, Max Elem VoltD = 2.62 on Element 1002.



Balanced Voltage Drop Report
Source: HOPE

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

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

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit G = Generator Out of kvar Limits



Balanced Voltage Drop Report  
Source: HOPE

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\  
Title:  
Case:

01/26/2003 14:26 Page 16

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements 715 through 6722S.

Summary table with columns: KW, KVAR, Load Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total, and voltage metrics (Lowest Voltage, Max Accm VoltD, Max Elem VoltD).

Balanced Voltage Drop Report
Source: HUNT

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

01/26/2003 14:26 Page 17

Units Displayed In Volts

-Base Voltage:120.0-

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various nodes and conductors like HUNT, HUI, OH73, etc.

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit G = Generator Out of kvar Limits





Balanced Voltage Drop Report
Source: HUNT

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/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. Includes a section for 'Feeder NO. 2' starting at 'Beginning with Node Element HU2'.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Summary values: KW 10203, KVAR 3750, Total 10450, Losses 274, No Load Losses 0.00.

Lowest Voltage = 120.72 on Element 30101
Max Accm VoltD = 5.28 on Element 30101
Max Elem VoltD = 1.76 on Element 317



Balanced Voltage Drop Report
Source: JEFFERSONVILLE

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements 7363 through 7371.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Values: KW 6347, KVAR 2594, Total 6396.

Lowest Voltage = 122.91 on Element 7241
Max Accm VoltD = 3.09 on Element 7241
Max Elem VoltD = 1.00 on Element 724





Balanced Voltage Drop Report  
Source: MARIBA

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru
11172	1117	ABC	4ACSR	7.44Y	123.9	0.12	2.08	43.01	36	916	289	95	0.87	0.1	1.540	0.064	0	0	1	186
11173	11172	C	4ACSR	7.43Y	123.9	0.03	2.10	1.40	1	10	3	96	0.00	0.0	2.316	0.776	10	3	9	9
1116	11172	ABC	6ACWC	7.34Y	122.3	1.67	3.75	42.53	36	905	286	95	11.94	1.3	2.471	0.930	34	9	35	176
111622	1116	ABC	6ACWC	7.33Y	122.1	0.14	3.88	39.97	34	838	268	95	0.93	0.1	2.550	0.079	0	0	0	122
11162	111622	ABC	6ACWC	7.31Y	121.9	0.25	4.14	39.97	34	837	267	95	1.71	0.2	2.697	0.147	3	1	2	122
REG37	11162	ABC	Regulator	7.56Y	126.0	-4.14	0.00	39.81	40	832	266	95	0.00	0.0	2.697	0.000	0	0	0	120
1114S	REG37	ABC	VWVE	7.56Y	126.0	0.00	0.00	37.05	0	800	258	95	0.00	0.0	2.697	0.000	0	0	0	102
1114	1114S	ABC	4ACSR	7.46Y	124.4	1.61	1.61	37.05	31	800	258	95	9.98	1.2	3.723	1.027	39	10	22	102
11141	1114	ABC	4ACSR	7.40Y	123.4	1.02	2.63	35.24	30	750	244	95	5.78	0.8	4.449	0.726	96	102	11	80
11143	11141	ABC	6ACWC	7.33Y	122.2	1.21	3.84	29.33	25	637	137	98	5.95	0.9	5.452	1.003	45	12	28	60
11144	11143	ABC	6ACWC	7.30Y	121.6	0.55	4.39	27.23	23	586	123	98	2.55	0.4	5.925	0.473	4	1	4	32
CAP38	11144	ABC	Capacitor	7.30Y	121.6	-0.00	4.39	27.05	0	579	121	98	0.00	0.0	5.925	0.000	0	0	0	28
C 11145S	CAP38	ABC	35V4E	7.30Y	121.6	-0.00	4.39	29.31	84	579	275	90	0.00	0.0	5.925	0.000	0	0	0	28
11145	11145S	ABC	6ACWC	7.27Y	121.2	0.43	4.82	29.31	25	579	275	90	1.43	0.2	6.609	0.683	578	275	28	28
11142	11141	C	6ACWC	7.40Y	123.3	0.03	2.66	1.62	1	12	3	97	0.00	0.0	5.165	0.716	12	3	9	9
1115S	REG37	B	25V4E	7.56Y	126.0	-0.00	0.00	4.37	17	32	8	97	0.00	0.0	2.697	0.000	0	0	0	18
1115	1115S	B	6ACWC	7.55Y	125.9	0.09	0.09	4.37	4	32	8	97	0.01	0.0	3.571	0.874	32	8	18	18
11161S	1116	C	25V4E	7.34Y	122.3	-0.00	3.75	2.93	12	21	5	97	0.00	0.0	2.471	0.000	0	0	0	19
11161	11161S	C	6ACWC	7.33Y	122.2	0.09	3.83	2.93	2	21	5	97	0.01	0.0	3.652	1.181	21	5	19	19
11171	1117	C	4ACSR	7.44Y	124.0	0.03	1.99	2.12	2	15	4	97	0.00	0.0	2.117	0.641	15	4	11	11
----- Feeder NO. 4 Beginning with Node Element MA4 -----																				
MA4	MARIBA	B	Node	7.56Y	126.0	0.00	0.00	26.64	0	195	51	97	0.00	0.0	0.000	0.000	0	0	0	100
1104	MA4	B	4ACSR	7.52Y	125.3	0.70	0.70	26.64	22	195	51	97	0.97	0.5	0.565	0.565	24	6	9	100
11041S	1104	B	25V4E	7.52Y	125.3	0.00	0.70	3.09	12	23	6	97	0.00	0.0	0.565	0.000	0	0	0	15
11041	11041S	B	4ACSR	7.51Y	125.2	0.05	0.76	3.09	3	23	6	97	0.01	0.0	1.262	0.697	22	6	15	15
11042	1104	B	4ACSR	7.47Y	124.5	0.78	1.48	20.25	17	147	39	97	0.81	0.5	1.401	0.836	23	6	13	76
11043	11042	B	4ACSR	7.43Y	123.9	0.66	2.14	17.05	14	123	32	97	0.55	0.4	2.318	0.917	37	10	18	63
1103S	11043	B	25V4E	7.43Y	123.9	-0.00	2.14	2.97	12	21	6	96	0.00	0.0	2.318	0.000	0	0	0	14
1103	1103S	B	4ACSR	7.43Y	123.8	0.06	2.20	2.97	2	21	6	96	0.01	0.0	3.113	0.795	21	6	14	14
1102S	11043	B	35V4E	7.43Y	123.9	-0.00	2.14	9.01	26	65	17	97	0.00	0.0	2.318	0.000	0	0	0	31
1102	1102S	B	4ACSR	7.42Y	123.6	0.24	2.38	9.01	8	65	17	97	0.09	0.1	3.161	0.842	48	13	21	31
11021	1102	B	4ACSR	7.41Y	123.6	0.06	2.43	2.27	2	16	4	97	0.00	0.0	4.196	1.036	16	4	10	10

KW	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total		
3579	0	0	0	0	0	0	102	0.00	3681	Lowest Voltage = 121.18 on Element 11145		
1535	0	-477	0	0	0	0	82		1140	Max Accm VoltD = 4.82 on Element 11145		
										Max Elem VoltD = 2.22 on Element 1112		



Balanced Voltage Drop Report
Source: MT STERLING

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for elements 514S through 507.

Summary table with columns: Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes values for KW (5368), KVAR (1711) and voltage drop statistics (Lowest Voltage = 120.71, Max Accm VoltD = 5.29, Max Elem VoltD = 3.33).



Balanced Voltage Drop Report  
Source: REID VILLAGE

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																Cons	Cons			
																On	Thru			
4574S	4575	C	25V4E	7.47Y	124.5	-0.00	1.54	12.89	52	90	35	93	0.00	0.0	1.519	0.000	0	0	0	13
4574	4574S	C	4ACSR	7.46Y	124.3	0.11	1.65	12.89	11	90	35	93	0.05	0.1	1.852	0.333	89	35	13	13
45792	4579	C	OKOGUARD M	7.47Y	124.5	0.03	1.47	6.30	3	45	15	95	0.01	0.0	1.867	0.443	45	18	10	10
4615	460	ABC	1/OACSR	7.53Y	125.6	0.01	0.45	28.51	14	639	-81	-99	0.04	0.0	0.661	0.016	23	9	4	89
46140C	4615	ABC	Capacitor	7.53Y	125.6	0.00	0.45	17.45	0	341	-198	-86	0.00	0.0	0.661	0.000	0	0	0	42
46140	46140C	ABC	1/OACSR	7.53Y	125.4	0.13	0.58	16.17	8	341	131	93	0.30	0.1	1.037	0.375	0	0	0	42
46143S	46140	ABC	50L	7.53Y	125.4	0.00	0.58	5.84	12	123	48	93	0.00	0.0	1.037	0.000	0	0	0	23
46143	46143S	ABC	1/OACSR	7.52Y	125.4	0.03	0.60	5.84	3	123	48	93	0.02	0.0	1.357	0.320	81	32	15	23
46144	46143	ABC	OKOGUARD M	7.52Y	125.4	0.00	0.60	1.97	1	41	16	93	0.00	0.0	1.368	0.011	0	0	0	8
46145	46144	ABC	1/OACSR	7.52Y	125.4	0.00	0.61	1.98	1	41	16	93	0.00	0.0	1.504	0.136	41	16	8	8
4614	46140	ABC	1/OACSR	7.52Y	125.4	0.06	0.64	10.33	5	218	82	94	0.09	0.0	1.345	0.309	40	16	5	19
46142	4614	ABC	336ACSR	7.52Y	125.4	0.01	0.65	8.44	2	178	66	94	0.01	0.0	1.466	0.121	0	0	0	14
46141	46142	ABC	336ACSR	7.52Y	125.3	0.00	0.65	8.44	2	178	66	94	0.00	0.0	1.542	0.076	49	19	5	14
4612	46141	A	OKOGUARD M	7.51Y	125.2	0.17	0.82	18.33	10	130	47	94	0.11	0.1	2.356	0.814	129	51	9	9
4616	4615	C	OKOGUARD M	7.52Y	125.3	0.26	0.71	39.16	21	275	107	93	0.51	0.2	0.981	0.320	51	20	9	43
4607	4616	C	4ACSR	7.49Y	124.8	0.46	1.18	32.01	27	224	89	93	0.53	0.2	1.553	0.571	223	88	34	34

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total		
KW	4715	0	0	0	0	0	62		0.00	4777	Lowest Voltage =	121.23 on Element 220
KVAR	1865	0	-328	-15	0	0	75			1596	Max Accm VoltD =	4.77 on Element 220
											Max Elem VoltD =	1.51 on Element 455





Balanced Voltage Drop Report
Source: SIDEVIEW

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri, Base Volt, Element Drop, Accum Drop, Thru Amps, % Thru, KW, KVAR, PF, % Loss, % Loss, mi From Src, Length (mi), Element, Cons On, Cons Thru. Contains detailed data for various electrical elements and conductors.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes values for Total (5340 KW, 2055 KVAR) and voltage drop statistics (Lowest Voltage = 119.96, Max Accm VoltD = 6.04, Max Elem VoltD = 3.51).









Balanced Voltage Drop Report
Source: STANTON

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements 6133 through 6190.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total, Lowest Voltage, Max Accm VoltD, Max Elem VoltD. Values include 17416 KW, 9114 KVAR, 17649 Total, and 119.44V Lowest Voltage.

Balanced Voltage Drop Report
Source: THREE FORKS

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes sections for Feeder NO. 1 and Feeder NO. 2.

Balanced Voltage Drop Report  
Source: THREE FORKS

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	PF	kW Loss	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru
10099R	100	ABC	Regulator	15.12Y	126.0	-2.08	0.00	24.85	25	1044	373	94	0.00	0.0	5.614	0.000	0	0	0	221
10099	10099R	ABC	1/0ACSR	15.10Y	125.9	0.14	0.14	24.44	12	1044	373	94	0.98	0.1	6.146	0.532	4	2	2	221
76S	10099	A	U	15.10Y	125.9	-0.00	0.14	31.70	0	451	161	94	0.00	0.0	6.146	0.000	0	0	0	92
76	76S	A	4ACSR	15.01Y	125.1	0.74	0.88	31.70	27	451	161	94	2.43	0.5	7.124	0.978	47	17	8	92
7699	76	A	4ACSR	14.93Y	124.4	0.74	1.62	28.38	24	401	143	94	2.10	0.5	8.270	1.145	77	28	16	84
104	7699	A	4ACSR	14.87Y	123.9	0.45	2.07	22.14	19	311	111	94	0.98	0.3	9.170	0.900	68	24	13	66
105	104	A	6ACWC	14.86Y	123.9	0.08	2.15	8.63	7	121	43	94	0.07	0.1	9.553	0.383	16	6	3	28
10589S	105	A	U	14.86Y	123.9	0.00	2.15	7.52	0	105	37	94	0.00	0.0	9.553	0.000	0	0	0	25
10589	10589S	A	6ACWC	14.85Y	123.7	0.14	2.29	7.52	6	105	37	94	0.11	0.1	10.331	0.779	13	5	4	25
10588	10589	A	6ACWC	14.84Y	123.7	0.01	2.29	0.81	1	11	4	94	0.00	0.0	10.957	0.626	11	4	2	2
10587	10589	A	6ACWC	14.83Y	123.6	0.12	2.41	5.79	5	81	29	94	0.05	0.1	12.012	1.680	81	29	19	19
10498	104	A	4ACSR	14.86Y	123.8	0.13	2.20	8.64	7	121	43	94	0.11	0.1	9.852	0.682	31	11	8	25
10499S	10498	A	U	14.86Y	123.8	0.00	2.20	0.00	0	0	0	0	0.00	0.0	9.852	0.000	0	0	0	0
10499	10498	A	4ACSR	14.85Y	123.8	0.02	2.22	6.42	5	90	32	94	0.01	0.0	10.070	0.218	71	25	15	17
11318	10499	A	4ACSR	14.85Y	123.8	0.01	2.24	1.37	1	19	7	94	0.00	0.0	10.903	0.833	19	7	2	2
101	7699	A	4ACSR	14.92Y	124.4	0.01	1.63	0.75	1	11	4	94	0.00	0.0	8.912	0.642	0	0	0	2
78	101	A	4ACSR	14.92Y	124.4	0.01	1.65	0.75	1	11	4	94	0.00	0.0	10.079	1.166	11	4	2	2
73	10099	ABC	397ACSR	15.10Y	125.8	0.03	0.16	13.77	3	588	209	94	0.08	0.0	6.752	0.605	100	36	24	127
7399S	73	ABC	U	15.10Y	125.8	0.00	0.16	1.82	0	78	28	94	0.00	0.0	6.752	0.000	0	0	0	23
7399	7399S	ABC	397ACSR	15.10Y	125.8	0.00	0.17	1.82	0	78	28	94	0.00	0.0	7.010	0.258	78	28	23	23
7398	73	ABC	397ACSR	15.10Y	125.8	0.03	0.19	9.61	2	410	146	94	0.05	0.0	7.818	1.066	187	66	34	80
7397	7398	B	4ACSR	15.09Y	125.8	0.03	0.22	2.82	2	40	14	94	0.01	0.0	8.535	0.717	40	14	7	7
67	7398	ABC	397ACSR	15.10Y	125.8	0.00	0.20	4.29	1	183	65	94	0.00	0.0	8.173	0.354	91	32	16	39
6799	67	B	4ACSR	15.09Y	125.8	0.05	0.25	4.75	4	68	24	94	0.02	0.0	9.020	0.847	67	24	14	14
6798	67	ABC	397ACSR	15.10Y	125.8	0.00	0.20	0.59	0	25	9	94	0.00	0.0	9.388	1.216	25	9	9	9
P 6798SW-A	6798	ABC	Open	15.10Y	125.8	-0.00	0.20	0.00	0	0	0	0	0.00	0.0	9.388	0.000	0	0	0	0 P
103	108	ABC	4ACSR	14.90Y	124.1	0.01	1.85	1.12	1	47	17	94	0.00	0.0	5.868	1.163	47	17	9	9
102	10619	A	6ACWC	14.91Y	124.2	0.04	1.76	2.43	2	34	12	94	0.01	0.0	5.703	1.415	34	12	7	7

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total			
KW	4942	0	0	0	0	0	48	0.00	4990	Lowest Voltage =	122.50	on Element 11319
KVAR	1759	0	0	0	0	0	36		1795	Max Accm VoltD =	3.50	on Element 11319
										Max Elem VoltD =	0.74	on Element 76



Balanced Voltage Drop Report  
Source: TRAPP

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element----- KW KVAR		Cons On	Cons Thru
3421S	342	A	25L	7.44Y	124.1	0.00	1.94	10.81	43	72	36	89	0.00	0.0	1.971	0.000	0	0	0	20
3421	3421S	A	4ACSR	7.43Y	123.8	0.30	2.24	10.81	9	72	36	89	0.11	0.2	3.058	1.087	72	36	20	20
3422	342	A	4ACSR	7.42Y	123.7	0.33	2.27	21.81	18	146	72	90	0.34	0.2	2.328	0.357	50	25	15	38
34221S	3422	A	35L	7.42Y	123.7	-0.00	2.27	14.26	41	95	47	90	0.00	0.0	2.328	0.000	0	0	0	23
34221	34221S	A	4ACSR	7.40Y	123.3	0.39	2.66	14.26	12	95	47	90	0.29	0.3	2.861	0.533	0	0	0	23
3424	34221	A	4ACSR	7.40Y	123.3	0.07	2.73	3.46	3	23	11	90	0.01	0.0	3.648	0.787	23	11	8	8
3423	34221	A	4ACSR	7.39Y	123.1	0.22	2.88	10.80	9	72	35	90	0.08	0.1	3.653	0.792	72	35	15	15
----- Feeder NO. 3 Beginning with Node Element TR3 -----																				
TR3	TRAPP	ABC	Node	7.56Y	126.0	0.00	0.00	29.06	0	632	187	96	0.00	0.0	0.000	0.000	0	0	0	146
3380	TR3	ABC	336ACSR	7.56Y	126.0	0.04	0.04	29.06	7	632	187	96	0.13	0.0	0.165	0.165	0	0	0	146
338	3380	ABC	336ACSR	7.55Y	125.9	0.07	0.11	29.06	7	632	187	96	0.23	0.0	0.459	0.295	0	0	1	146
340C	338	ABC	Capacitor	7.55Y	125.9	-0.00	0.11	29.06	0	632	187	96	0.00	0.0	0.459	0.000	0	0	0	145
340	340C	ABC	1/0ACSR	7.53Y	125.5	0.42	0.52	31.90	16	632	352	87	1.70	0.3	1.154	0.695	186	91	24	145
351	340	ABC	1/0ACSR	7.52Y	125.3	0.18	0.70	19.88	10	385	230	86	0.50	0.1	1.571	0.417	15	7	6	104
357S	351	A	50V4E	7.52Y	125.3	-0.00	0.70	24.64	49	166	82	90	0.00	0.0	1.571	0.000	0	0	0	56
357	357S	A	4ACSR	7.46Y	124.3	1.03	1.73	24.64	21	166	82	90	1.16	0.7	2.582	1.011	65	32	22	56
3570	357	A	4ACSR	7.42Y	123.6	0.64	2.36	15.02	13	100	50	89	0.43	0.4	3.627	1.044	42	21	11	34
364S	3570	A	25L	7.42Y	123.6	0.00	2.36	8.78	35	58	29	89	0.00	0.0	3.627	0.000	0	0	0	23
364	364S	A	4ACSR	7.40Y	123.3	0.37	2.74	8.78	7	58	29	89	0.11	0.2	5.281	1.655	58	29	23	23
350	351	ABC	1/0ACSR	7.51Y	125.1	0.21	0.91	10.99	5	204	141	82	0.29	0.1	2.600	1.029	72	36	18	42
3502S	350	C	35H	7.51Y	125.1	0.00	0.91	4.57	13	31	15	90	0.00	0.0	2.600	0.000	0	0	0	13
3502	3502S	C	4ACSR	7.50Y	124.9	0.16	1.07	4.57	4	31	15	90	0.03	0.1	3.936	1.336	31	15	13	13
P 3501	350	ABC	1/0ACSR	7.50Y	125.0	0.11	1.03	5.99	3	101	90	75	0.09	0.1	3.447	0.846	0	0	0	11 P
P 359	3501	ABC	1/0ACSR	7.50Y	125.0	-0.00	1.03	0.00	0	0	0	0	0.00	0.0	4.020	0.573	0	0	0	1 P
P 336	359	C	4ACSR	7.50Y	125.0	-0.00	1.03	0.00	0	0	0	0	0.00	0.0	5.625	1.606	0	0	1	1 P
P 335	3501	ABC	1/0ACSR	7.49Y	124.8	0.16	1.19	5.99	3	101	89	75	0.13	0.1	4.718	1.272	11	5	4	10 P
P 33401	335	ABC	1/0ACSR	7.49Y	124.8	-0.00	1.19	0.00	0	0	0	0	0.00	0.0	5.083	0.364	0	0	0	0 P
P 329	335	ABC	1/0ACSR	7.49Y	124.8	0.04	1.22	5.46	3	89	84	73	0.02	0.0	5.301	0.583	89	84	6	6 P
3371	340	ABC	4ACSR	7.53Y	125.5	0.01	0.53	2.89	2	58	29	89	0.00	0.0	1.212	0.059	24	12	6	17
337	3371	A	4ACSR	7.52Y	125.3	0.15	0.68	5.08	4	34	17	89	0.03	0.1	2.342	1.129	34	17	11	11

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total			
KW	3414	0	0	0	0	0	59	0.00	3473	Lowest Voltage = 120.20 on Element 306		
KVAR	1616	0	-489	0	0	0	49		1175	Max Accm VoltD = 5.80 on Element 306		
										Max Elem VoltD = 1.50 on Element 325		



Balanced Voltage Drop Report
Source: TREEHAVEN

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units (Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi)), and Cons On/Thru. It lists 4 feeders starting from Node TH1, TH2, TH3, and TH4.

Summary table with columns: KW, KVAR, Load Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total, and voltage drop details (Lowest Voltage, Max Accm VoltD, Max Elem VoltD).



Balanced Voltage Drop Report
Source: UNION CITY

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a detailed list of elements and their electrical characteristics.

Summary table with columns: Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes values for KW (4623), KVAR (1766), and Total (4640, 1672). Also includes voltage drop statistics: Lowest Voltage = 124.71, Max Accm VoltD = 1.29, Max Elem VoltD = 0.39.



Balanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri, Base Volt, Element Drop, Element Accum Drop, Thru Amps, Thru Cap, Thru KW, Thru KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, Element KVAR, Cons On, Cons Thru. Rows include various feeders (Feeder NO. 1, 2, 3) and their constituent lines with detailed electrical parameters.

Balanced Voltage Drop Report  
Source: BLEVINS VALLEY

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																					
-Base Voltage:120.0-																					
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
C 667S	REG44	ABC	25L	7.56Y	126.0	0.00	0.00	31.19	125	685	176	97	0.00	0.0	3.697	0.000	0	0	0	88	C
667	667S	ABC	4ACSR	7.53Y	125.5	0.46	0.46	31.19	26	685	176	97	2.05	0.3	4.154	0.457	301	232	22	88	
P 667C	667	ABC	Capacitor	7.53Y	125.5	0.00	0.46	-7.27	0	0	-164	0	0.00	0.0	4.154	0.000	0	0	0	0	P
6672	667	A	4ACSR	7.53Y	125.5	0.04	0.50	8.45	7	61	17	96	0.01	0.0	4.345	0.191	61	17	6	6	
6671	667	C	4ACSR	7.52Y	125.3	0.28	0.74	14.96	13	108	30	96	0.15	0.1	4.916	0.762	108	30	18	18	
666	667	C	4ACSR	7.51Y	125.1	0.39	0.85	29.32	25	213	60	96	0.52	0.2	4.510	0.356	104	29	20	42	
6661	666	C	4ACSR	7.49Y	124.8	0.36	1.21	15.00	13	108	30	96	0.19	0.2	5.471	0.961	108	30	22	22	
P 7014	7013	ABC	1/0ACSR	7.38Y	122.9	0.06	3.05	11.13	6	168	181	68	0.06	0.0	3.300	0.453	168	181	10	10	P
7012	7011	C	4ACSR	7.40Y	123.4	0.31	2.63	12.04	10	86	24	96	0.13	0.2	3.188	1.030	86	24	15	15	
7016	701	A	4ACSR	7.45Y	124.1	0.50	1.90	15.78	13	114	32	96	0.28	0.3	2.567	1.271	113	32	27	27	

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total		
KW	3957	0	0	0	0	0	89	0.00	4046	Lowest Voltage = 120.50 on Element 10223		
KVAR	1404	0	-810	0	0	0	144		738	Max Accm VoltD = 5.50 on Element 10223		
										Max Elem VoltD = 1.88 on Element XFMR9		



Balanced Voltage Drop Report  
Source: BOWEN

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
753	766	ABC	1/0CU	7.51Y	125.2	0.21	0.75	19.31	7	397	180	91	0.50	0.1	2.333	0.751	12	6	5	136
752S	753	ABC	35V4E	7.51Y	125.2	-0.00	0.75	14.14	40	291	131	91	0.00	0.0	2.333	0.000	0	0	0	97
752	752S	ABC	1/0CU	7.50Y	125.0	0.23	0.98	14.14	5	291	131	91	0.41	0.1	3.488	1.155	10	5	1	97
746S	752	B	35V4E	7.50Y	125.0	0.00	0.98	23.22	66	159	72	91	0.00	0.0	3.488	0.000	0	0	0	52
746	746S	B	4ACSR	7.45Y	124.1	0.89	1.87	23.22	20	159	72	91	0.89	0.6	4.525	1.037	87	39	30	52
7461	746	B	4ACSR	7.42Y	123.7	0.39	2.27	10.37	9	70	32	91	0.20	0.3	5.377	0.852	18	8	6	22
7462	7461	B	4ACSR	7.41Y	123.5	0.26	2.52	7.68	6	52	23	91	0.07	0.1	6.689	1.313	52	23	16	16
7376	752	ABC	1/0CU	7.50Y	125.0	0.05	1.03	5.91	2	121	55	91	0.03	0.0	4.065	0.577	11	5	5	44
7375	7376	A	6ACWC	7.49Y	124.9	0.05	1.08	4.12	3	28	13	91	0.01	0.0	4.573	0.508	28	13	9	9
7374	7376	ABC	1/0CU	7.50Y	124.9	0.04	1.07	4.00	2	82	37	91	0.02	0.0	4.879	0.813	24	11	9	30
7373	7374	C	6ACWC	7.48Y	124.7	0.19	1.26	5.93	5	41	18	92	0.04	0.1	6.141	1.262	41	18	14	14
7372	7374	ABC	1/0CU	7.50Y	124.9	0.01	1.08	0.83	0	17	8	90	0.00	0.0	6.254	1.376	17	8	7	7
765	753	ABC	1/0CU	7.51Y	125.2	0.06	0.82	4.56	2	94	42	91	0.04	0.0	3.402	1.070	16	7	4	34
751S	765	C	50V4E	7.51Y	125.2	0.00	0.82	11.41	23	78	35	91	0.00	0.0	3.402	0.000	0	0	0	29
751	751S	C	4ACSR	7.49Y	124.8	0.42	1.24	11.41	10	78	35	91	0.20	0.3	4.461	1.059	49	22	16	29
7511	751	C	4ACSR	7.48Y	124.6	0.13	1.37	4.21	4	29	13	91	0.02	0.1	5.650	1.189	29	13	13	13
P 760	765	ABC	1/0CU	7.51Y	125.2	-0.00	0.82	0.00	0	0	0	0	0.00	0.0	4.132	0.729	0	0	1	1 P
761S	760	A	VXE	7.51Y	125.2	-0.00	0.82	0.00	0	0	0	0	0.00	0.0	4.132	0.000	0	0	0	0
C 764S	CAP64	ABC	25V4E	7.54Y	125.6	-0.00	0.41	24.15	97	496	229	91	0.00	0.0	1.109	0.000	0	0	0	89 C
764	764S	ABC	4ACSR	7.51Y	125.1	0.45	0.87	24.15	20	496	229	91	1.84	0.4	1.558	0.449	28	12	11	89
7642	764	ABC	2ACSR	7.49Y	124.8	0.36	1.23	20.14	13	412	191	91	0.96	0.2	2.361	0.803	208	99	10	59
7643	7642	C	6ACWC	7.46Y	124.4	0.41	1.64	29.70	25	203	91	91	0.63	0.3	2.635	0.274	4	2	1	49
7644S	7643	C	25V4E	7.46Y	124.4	0.00	1.64	16.32	65	111	50	91	0.00	0.0	2.635	0.000	0	0	0	29
7644	7644S	C	2ACSR	7.44Y	124.0	0.36	2.00	16.32	10	111	50	91	0.19	0.2	3.821	1.187	111	50	29	29
763S	7643	C	25V4E	7.46Y	124.4	0.00	1.64	12.72	51	87	39	91	0.00	0.0	2.635	0.000	0	0	0	19
763	763S	C	6ACWC	7.45Y	124.2	0.21	1.84	12.72	11	87	39	91	0.09	0.1	3.273	0.638	86	39	19	19
7641	764	B	4ACSR	7.50Y	125.0	0.10	0.97	8.03	7	55	25	91	0.03	0.1	2.051	0.493	55	25	19	19

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total		
KW	5046	0	0	0	0	0	228		0.00	5274	Lowest Voltage =	117.28 on Element 775
KVAR	2524	0	-981	-3	0	0	141			1681	Max Accm VoltD =	8.72 on Element 775
											Max Elem VoltD =	2.98 on Element 774



Balanced Voltage Drop Report
Source: CAVE RUN

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for CAVE RUN and various element types like CR1, CR2, CR22S, CR23S, CR24S, CR25S, CR26S, CR27S, CR28S, CR29S, CR30S, CR31S, CR32S, CR33S, CR34S, CR35S, CR36S, CR37S, CR38S, CR39S, CR40S, CR41S, CR42S, CR43S, CR44S, CR45S, CR46S, CR47S, CR48S, CR49S, CR50S.

Summary table with columns: Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Values: Load 1490, Adjustment 0, Capacitance 0, Charging -123, Gen&Motors 0, Loops&Metas 0, Losses 11, No Load Losses 0.00, Total 1501. Additional info: Lowest Voltage = 123.35 on Element 1025, Max Accm VoltD = 2.65 on Element 1025, Max Elem VoltD = 0.55 on Element 10381.

Balanced Voltage Drop Report
Source: CLAY CITY

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units (Accum Drop, Thru Amps, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss), mi (From Src, Length), and Element (KW, KVAR, Cons On, Cons Thru). Rows include CLAY CITY Feeder NO. 1 and 2 with various conductor types and nodes.



Balanced Voltage Drop Report
Source: CLAY CITY

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. The table lists various electrical components and their properties across multiple rows.

Balanced Voltage Drop Report  
Source: CLAY CITY

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																Cons	Cons	On	Thru	
5766SW-A	5766	ABC	Closed	7.32Y	122.0	0.00	3.99	9.80	0	201	76	94	0.00	0.0	3.645	0.000	0	0	0	45
P 5766SW-B	5766SW-A	ABC	Closed	7.32Y	122.0	0.00	3.99	0.00	0	0	0	0	0.00	0.0	3.645	0.000	0	0	0	0 P
57661	5766SW-A	ABC	336ACSR	7.32Y	122.0	0.01	3.99	9.80	2	201	76	94	0.00	0.0	3.717	0.072	67	24	17	45
5767	57661	ABC	336ACSR	7.32Y	122.0	0.01	4.00	6.53	1	134	52	93	0.00	0.0	4.051	0.334	134	52	28	28
5764	57631	ABC	336ACSR	7.35Y	122.6	0.00	3.43	1.10	0	23	8	94	0.00	0.0	3.250	0.078	23	8	7	7
P 5764A-A	5764	ABC	Closed	7.35Y	122.6	-0.00	3.43	0.00	0	0	0	0	0.00	0.0	3.250	0.000	0	0	0	0 P
P 5764A-B	5764A-A	ABC	Closed	7.35Y	122.6	-0.00	3.43	0.00	0	0	0	0	0.00	0.0	3.250	0.000	0	0	0	0 P
P 5759	574	A	4/OACSR	7.46Y	124.3	0.00	1.71	0.00	0	0	0	0	0.00	0.0	1.464	0.020	0	0	0	0 P
528	5801	ABC	336ACSR	7.48Y	124.6	0.07	1.35	35.88	8	757	274	94	0.26	0.0	1.241	0.228	37	13	8	182
525	528	ABC	336ACSR	7.47Y	124.5	0.11	1.46	26.07	6	550	199	94	0.31	0.1	1.764	0.524	37	13	14	134
5252	525	ABC	336ACSR	7.46Y	124.4	0.13	1.59	20.03	5	422	153	94	0.23	0.1	2.861	1.096	248	89	60	104
5253S	5252	A	50V4E	7.46Y	124.4	-0.00	1.59	24.83	50	174	63	94	0.00	0.0	2.861	0.000	0	0	0	44
5253	5253S	A	6ACWC	7.42Y	123.6	0.80	2.40	24.83	21	174	63	94	0.81	0.5	3.837	0.977	119	43	29	44
5254	5253	A	6ACWC	7.41Y	123.4	0.19	2.58	7.82	7	55	20	94	0.05	0.1	4.781	0.943	55	20	15	15
5251	525	A	6ACWC	7.47Y	124.5	0.06	1.52	12.91	11	91	33	94	0.03	0.0	1.954	0.189	91	33	16	16
9525S	528	B	50V4E	7.48Y	124.6	0.00	1.35	0.00	0	0	0	0	0.00	0.0	1.241	0.000	0	0	0	0
9525	528	B	6ACWC	7.45Y	124.2	0.40	1.75	24.10	20	170	61	94	0.34	0.2	1.902	0.662	169	61	40	40

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total			
KW	14787	0	0	0	0	0	276	0.00	15063	Lowest Voltage =	121.17	on Element 6101
KVAR	5849	0	-2713	-1	0	0	662		3796	Max Accm VoltD =	4.83	on Element 6101
										Max Elem VoltD =	1.30	on Element 635





Balanced Voltage Drop Report  
Source: FRENCHBURG

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
11353	11358	B	4ACSR	14.72Y	122.6	0.16	3.36	9.19	8	128	45	94	0.11	0.1	12.294	1.387	128	45	54	54
11351	11359	A	4ACSR	14.74Y	122.8	0.01	3.17	2.56	2	36	13	94	0.00	0.0	10.825	0.258	36	13	9	9
11342	11341	C	4ACSR	14.76Y	123.0	0.02	3.04	3.25	3	45	16	94	0.01	0.0	10.012	0.542	45	16	20	20
11343	11341	ABC	336ACSR	14.76Y	123.0	0.00	3.02	28.89	7	1279	-13	-100	0.03	0.0	9.505	0.035	10	3	2	622
113431	11343	ABC	336ACSR	14.76Y	123.0	0.00	3.02	28.67	6	1269	-16	-100	0.02	0.0	9.534	0.030	0	0	0	620
CAP55	113431	ABC	Capacitor	14.76Y	123.0	-0.00	3.02	28.67	0	1269	-16	-100	0.00	0.0	9.534	0.000	0	0	0	620
11345	CAP55	ABC	2ACSR	14.75Y	122.9	0.10	3.11	25.94	17	1081	389	94	0.80	0.1	9.786	0.252	12	4	2	534
11346S	11345	A	35L	14.75Y	122.9	0.00	3.11	3.14	9	44	15	95	0.00	0.0	9.786	0.000	0	0	0	22
11346	11346S	A	4ACSR	14.74Y	122.9	0.02	3.14	3.14	3	44	15	95	0.00	0.0	10.318	0.532	44	15	22	22
11347	11345	ABC	2ACSR	14.73Y	122.7	0.17	3.29	24.60	16	1024	369	94	1.34	0.1	10.280	0.493	66	27	20	510
11348S	11347	A	35E	14.73Y	122.7	-0.00	3.29	11.72	33	163	58	94	0.00	0.0	10.280	0.000	0	0	0	89
11348	11348S	A	4ACSR	14.70Y	122.5	0.18	3.47	11.72	10	163	58	94	0.15	0.1	11.479	1.200	163	58	89	89
11350	11347	C	2ACSR	14.73Y	122.7	0.00	3.29	0.07	0	1	0	100	0.00	0.0	10.677	0.397	1	0	2	2
11349	11347	ABC	2ACSR	14.72Y	122.6	0.08	3.37	19.05	12	793	284	94	0.48	0.1	10.565	0.286	29	12	5	399
1058S	11349	ABC	50E	14.72Y	122.6	-0.00	3.37	18.34	37	763	271	94	0.00	0.0	10.565	0.000	0	0	0	394
1058	1058S	ABC	2ACSR	14.71Y	122.6	0.04	3.41	18.34	12	763	271	94	0.24	0.0	10.717	0.151	6	2	2	394
10582	1058	ABC	2ACSR	14.71Y	122.6	0.02	3.43	16.43	11	683	243	94	0.12	0.0	10.818	0.101	35	12	16	357
1136	10582	B	4ACSR	14.69Y	122.4	0.19	3.62	13.07	11	181	64	94	0.22	0.1	11.617	0.799	99	35	54	108
11361	1136	B	4ACSR	14.68Y	122.3	0.06	3.68	5.89	5	82	29	94	0.02	0.0	12.412	0.795	82	29	54	54
1057	10582	B	4ACSR	14.61Y	121.8	0.79	4.22	33.69	28	467	166	94	2.76	0.6	11.783	0.965	38	14	24	233
10571S	1057	B	25L	14.61Y	121.8	0.00	4.22	4.97	20	68	24	94	0.00	0.0	11.783	0.000	0	0	0	31
10571	10571S	B	4ACSR	14.61Y	121.7	0.04	4.26	4.97	4	68	24	94	0.01	0.0	12.382	0.599	68	24	31	31
10572	1057	B	4ACSR	14.61Y	121.7	0.05	4.27	25.96	22	358	127	94	0.15	0.0	11.865	0.081	3	1	1	178
10575S	10572	B	25L	14.61Y	121.7	0.00	4.27	3.98	16	55	19	95	0.00	0.0	11.865	0.000	0	0	0	26
10575	10575S	B	4ACSR	14.60Y	121.7	0.02	4.30	3.98	3	55	19	95	0.01	0.0	12.292	0.427	55	19	26	26
10574S	10572	B	25L	14.61Y	121.7	0.00	4.27	10.63	43	146	52	94	0.00	0.0	11.865	0.000	0	0	0	73
10574	10574S	B	4ACSR	14.59Y	121.6	0.12	4.40	10.63	9	146	52	94	0.09	0.1	12.776	0.911	146	52	73	73
10573S	10572	B	25L	14.61Y	121.7	0.00	4.27	11.14	45	153	54	94	0.00	0.0	11.865	0.000	0	0	0	78
10573	10573S	B	4ACSR	14.60Y	121.6	0.09	4.37	11.14	9	153	54	94	0.08	0.0	12.538	0.673	153	54	78	78
10581	1058	B	4ACSR	14.71Y	122.6	0.04	3.44	5.34	4	74	26	94	0.01	0.0	11.255	0.538	74	26	35	35
11344S	CAP55	A	35L	14.76Y	123.0	-0.00	3.02	13.57	39	189	67	94	0.00	0.0	9.534	0.000	0	0	0	86
11344	11344S	A	4ACSR	14.74Y	122.8	0.13	3.15	13.57	11	189	67	94	0.13	0.1	10.314	0.780	189	67	86	86
11332	11331	A	4ACSR	14.82Y	123.5	0.02	2.54	1.25	1	17	6	94	0.00	0.0	10.115	1.219	17	6	4	4
10651	1065	C	2ACSR	15.02Y	125.2	0.00	0.80	0.25	0	4	1	97	0.00	0.0	7.066	0.720	4	1	6	6
10631	REG61	A	2ACSR	15.12Y	126.0	0.03	0.03	3.87	2	55	20	94	0.01	0.0	6.424	0.911	55	20	28	28
1062S	10772	B	25V4E	14.72Y	122.7	0.00	3.31	11.66	47	162	57	94	0.00	0.0	4.225	0.000	0	0	0	31
1062	1062S	B	4ACSR	14.69Y	122.4	0.29	3.59	11.66	10	162	57	94	0.31	0.2	5.429	1.205	62	22	12	31
10621	1062	B	4ACSR	14.67Y	122.3	0.13	3.72	7.18	6	99	35	94	0.07	0.1	6.852	1.422	99	35	19	19
10753	10752	A	4ACSR	14.95Y	124.6	0.02	1.43	3.48	3	49	17	94	0.00	0.0	1.846	0.423	49	17	11	11
10751	1075	A	4ACSR	14.96Y	124.6	0.02	1.36	1.54	1	22	8	94	0.00	0.0	2.190	1.012	22	8	10	10

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total	
KW	9473	0	0	0	0	0	300	0.00	9772	Lowest Voltage = 121.23 on Element 1063
KVAR	3421	0	-2073	0	0	0	428		1776	Max Accm VoltD = 4.77 on Element 1063
										Max Elem VoltD = 1.98 on Element 1041



Balanced Voltage Drop Report
Source: HIGH ROCK

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like HIGH ROCK, 8000, 8000R, 8003, 8030S, 8030, 1001, 10011, 10012, 1000, 10001S, 10001, 10003S, 10003, 10004, 10002S, 10002, 8002, 8020S, 8020, 1002, 1007, 10111S, 10111, 10109, 1012, 10121S, 10121, 781, 782, 7821S, 7821, 7823, 7821, 7822, 1014, 1006, 8001, 8010S, 8010, 776, 773.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Values: KW 660, KVAR 297, Total 680.

Lowest Voltage = 118.80 on Element 7822
Max Accm VoltD = 7.20 on Element 7822
Max Elem VoltD = 2.62 on Element 1002

Balanced Voltage Drop Report
Source: HINKSTON

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a detailed list of electrical elements and their properties.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes values for Total (2822 KW, 920 KVAR) and voltage drop statistics.



Balanced Voltage Drop Report  
Source: HOPE

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\  
Title:  
Case:

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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
715	713	ABC	336ACSR	14.95Y	124.6	0.11	1.39	28.54	6	1208	426	94	0.67	0.1	4.949	0.996	143	49	26	221
7151	715	ABC	336ACSR	14.94Y	124.5	0.11	1.50	25.18	6	1065	375	94	0.56	0.1	5.983	1.034	79	27	17	195
720S	7151	A	25V4E	14.94Y	124.5	-0.00	1.50	5.50	22	78	27	94	0.00	0.0	5.983	0.000	0	0	0	14
720	720S	A	4ACSR	14.93Y	124.4	0.06	1.56	5.50	5	78	27	94	0.02	0.0	6.863	0.880	78	27	14	14
7201	7151	ABC	2ACSR	14.94Y	124.5	0.00	1.50	1.77	1	73	30	92	0.00	0.0	6.271	0.288	73	30	8	8
7154	7151	ABC	336ACSR	14.94Y	124.5	0.04	1.54	10.20	2	432	150	94	0.08	0.0	7.001	1.017	84	29	22	86
7220S	7154	B	50V4E	14.94Y	124.5	0.00	1.54	14.09	28	199	69	94	0.00	0.0	7.001	0.000	0	0	0	30
7220	7220S	B	6ACWC	14.93Y	124.4	0.04	1.57	14.09	12	199	69	94	0.06	0.0	7.108	0.107	0	0	0	30
7218S	7220	B	25V4E	14.93Y	124.4	-0.00	1.57	14.09	56	199	69	94	0.00	0.0	7.108	0.000	0	0	0	30
7218	7218S	B	6ACWC	14.91Y	124.3	0.14	1.71	14.09	12	199	69	94	0.14	0.1	7.904	0.796	199	69	30	30
P 7219	7220	B	6ACWC	14.93Y	124.4	-0.00	1.57	0.00	0	0	0	0	0.00	0.0	7.249	0.141	0	0	0	0 P
7217S	7154	A	50V4E	14.94Y	124.5	0.00	1.54	10.55	21	149	52	94	0.00	0.0	7.001	0.000	0	0	0	34
7217	7217S	A	6ACWC	14.93Y	124.4	0.09	1.62	10.55	9	149	52	94	0.10	0.1	7.344	0.343	6	2	2	34
7216	7217	A	6ACWC	14.91Y	124.3	0.12	1.74	10.10	9	142	49	95	0.09	0.1	8.067	0.723	105	36	21	32
7215S	7216	A	25V4E	14.91Y	124.3	-0.00	1.74	2.67	11	38	13	95	0.00	0.0	8.067	0.000	0	0	0	11
7215	7215S	A	6ACWC	14.91Y	124.2	0.02	1.76	2.67	2	38	13	95	0.00	0.0	8.587	0.520	38	13	11	11
7153	7151	ABC	336ACSR	14.94Y	124.5	0.01	1.50	9.51	2	403	140	94	0.01	0.0	6.131	0.148	20	7	4	70
7155S	7153	B	50V4E	14.94Y	124.5	-0.00	1.50	23.61	47	333	116	94	0.00	0.0	6.131	0.000	0	0	0	56
7155	7155S	B	336ACSR	14.93Y	124.5	0.05	1.55	23.61	5	333	116	94	0.08	0.0	6.435	0.304	11	4	3	56
7143	7155	B	4ACSR	14.92Y	124.4	0.08	1.63	22.83	19	322	112	94	0.19	0.1	6.577	0.142	24	8	3	53
7145	7143	B	6ACWC	14.90Y	124.2	0.19	1.82	17.63	15	249	86	95	0.32	0.1	7.072	0.496	67	23	14	42
7146	7145	B	6ACWC	14.89Y	124.1	0.13	1.95	12.85	11	181	63	94	0.12	0.1	7.881	0.809	181	63	28	28
7144	7143	B	6ACWC	14.92Y	124.4	0.02	1.65	3.51	3	50	17	95	0.01	0.0	7.079	0.502	50	17	8	8
7142S	7153	C	50V4E	14.94Y	124.5	-0.00	1.50	3.50	7	49	17	94	0.00	0.0	6.131	0.000	0	0	0	10
7142	7142S	C	2ACSR	14.94Y	124.5	0.03	1.53	3.50	2	49	17	94	0.01	0.0	7.062	0.931	49	17	10	10
704S	705	ABC	50V4E	14.98Y	124.8	-0.00	1.18	30.26	61	1286	440	95	0.00	0.0	3.395	0.000	0	0	0	253
704	704S	ABC	6ACWC	14.93Y	124.4	0.41	1.59	30.26	26	1286	440	95	4.19	0.3	4.029	0.634	20	7	9	253
7041	704	ABC	6ACWC	14.92Y	124.3	0.06	1.65	13.23	11	561	189	95	0.29	0.1	4.255	0.226	8	3	1	113
708S	7041	A	25V4E	14.92Y	124.3	0.00	1.65	11.90	48	168	58	95	0.00	0.0	4.255	0.000	0	0	0	33
708	708S	A	6ACWC	14.90Y	124.2	0.18	1.83	11.90	10	168	58	95	0.19	0.1	5.049	0.795	80	28	13	33
703	708	A	4ACSR	14.89Y	124.1	0.11	1.95	6.23	5	88	30	95	0.05	0.1	6.508	1.459	88	30	20	20
4721	7041	ABC	6ACWC	14.91Y	124.3	0.08	1.74	9.08	8	386	128	95	0.26	0.1	4.678	0.424	0	0	0	79
472	4721	ABC	6ACWC	14.89Y	124.1	0.14	1.88	9.08	8	386	128	95	0.39	0.1	5.520	0.842	116	40	20	79
4663	472	B	4ACSR	14.87Y	123.9	0.23	2.10	10.74	9	153	47	96	0.26	0.2	6.362	0.842	2	0	2	35
4664	4663	B	4ACSR	14.86Y	123.9	0.03	2.13	2.24	2	32	10	95	0.00	0.0	7.256	0.894	32	10	9	9
4662	4663	B	4ACSR	14.85Y	123.8	0.11	2.21	8.39	7	119	37	95	0.07	0.1	7.417	1.055	119	37	24	24
471S	472	A	25V4E	14.89Y	124.1	0.00	1.88	8.29	33	117	40	95	0.00	0.0	5.520	0.000	0	0	0	24
471	471S	A	4ACSR	14.88Y	124.0	0.16	2.04	8.29	7	117	40	95	0.11	0.1	6.592	1.072	68	24	14	24
4711	471	A	4ACSR	14.87Y	123.9	0.05	2.09	3.46	3	49	17	94	0.01	0.0	7.766	1.173	49	17	10	10
473	704	ABC	2ACSR	14.90Y	124.2	0.23	1.83	16.55	11	700	243	94	1.18	0.2	5.073	1.044	116	40	22	131
4731	473	ABC	2ACSR	14.88Y	124.0	0.15	1.97	13.80	9	583	202	94	0.60	0.1	5.875	0.802	128	44	23	109
4732	4731	ABC	2ACSR	14.88Y	124.0	0.02	1.99	10.76	7	454	157	95	0.06	0.0	5.983	0.108	15	5	4	86
4734	4732	C	4ACSR	14.85Y	123.8	0.26	2.24	23.53	20	331	115	94	0.55	0.2	6.524	0.541	136	47	21	64
475	4734	C	2ACSR	14.83Y	123.6	0.19	2.43	13.84	9	194	67	95	0.17	0.1	8.000	1.476	194	67	43	43
4733	4732	A	4ACSR	14.88Y	124.0	0.02	2.01	7.73	6	109	38	94	0.02	0.0	6.078	0.096	0	0	0	18
474	4733	A	4ACSR	14.86Y	123.9	0.13	2.14	7.73	6	109	38	94	0.07	0.1	7.430	1.351	109	38	18	18
6722S	706	B	50L	15.04Y	125.4	-0.00	0.65	0.00	0	0	0	0	0.00	0.0	1.716	0.000	0	0	0	0

KW	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total	Notes	
5908	5908	0	0	0	0	0	54		0.00	5962	Lowest Voltage = 123.54	on Element 654
	2065	0	0	0	0	0	69			2134	Max Accm VoltD = 2.46	on Element 654
											Max Elem VoltD = 1.02	on Element 714













Balanced Voltage Drop Report
Source: JEFFERSONVILLE

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements 7363 through 7371.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Values: KW 6347, KVAR 2594, Total 6396.

Lowest Voltage = 122.91 on Element 7241
Max Accm VoltD = 3.09 on Element 7241
Max Elem VoltD = 1.00 on Element 724



Balanced Voltage Drop Report
Source: MARIBA

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder NO. 4 beginning with Node Element MA4.

Summary table with columns: Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes values for KW (3579), KVAR (1535) and voltage drop statistics.

Balanced Voltage Drop Report
Source: MT STERLING

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Element Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. It details voltage drop for various feeder nodes (MS1, MS3, MS2) under the MT STERLING source.

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit G = Generator Out of kvar Limits

Balanced Voltage Drop Report
Source: MT STERLING

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for elements 514S through 507.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes values for 5368 KW, 1711 KVAR, and voltage drop statistics.



Balanced Voltage Drop Report  
Source: REID VILLAGE

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																	Cons	Cons		
																	On	Thru		
4574S	4575	C	25V4E	7.47Y	124.5	-0.00	1.54	12.89	52	90	35	93	0.00	0.0	1.519	0.000	0	0	0	13
4574	4574S	C	4ACSR	7.46Y	124.3	0.11	1.65	12.89	11	90	35	93	0.05	0.1	1.852	0.333	89	35	13	13
45792	4579	C	OKOGUARD M	7.47Y	124.5	0.03	1.47	6.30	3	45	15	95	0.01	0.0	1.867	0.443	45	18	10	10
4615	460	ABC	1/0ACSR	7.53Y	125.6	0.01	0.45	28.51	14	639	-81	-99	0.04	0.0	0.661	0.016	23	9	4	89
46140C	4615	ABC	Capacitor	7.53Y	125.6	0.00	0.45	17.45	0	341	-198	-86	0.00	0.0	0.661	0.000	0	0	0	42
46140	46140C	ABC	1/0ACSR	7.53Y	125.4	0.13	0.58	16.17	8	341	131	93	0.30	0.1	1.037	0.375	0	0	0	42
46143S	46140	ABC	50L	7.53Y	125.4	0.00	0.58	5.84	12	123	48	93	0.00	0.0	1.037	0.000	0	0	0	23
46143	46143S	ABC	1/0ACSR	7.52Y	125.4	0.03	0.60	5.84	3	123	48	93	0.02	0.0	1.357	0.320	81	32	15	23
46144	46143	ABC	OKOGUARD M	7.52Y	125.4	0.00	0.60	1.97	1	41	16	93	0.00	0.0	1.368	0.011	0	0	0	8
46145	46144	ABC	1/0ACSR	7.52Y	125.4	0.00	0.61	1.98	1	41	16	93	0.00	0.0	1.504	0.136	41	16	8	8
4614	46140	ABC	1/0ACSR	7.52Y	125.4	0.06	0.64	10.33	5	218	82	94	0.09	0.0	1.345	0.309	40	16	5	19
46142	4614	ABC	336ACSR	7.52Y	125.4	0.01	0.65	8.44	2	178	66	94	0.01	0.0	1.466	0.121	0	0	0	14
46141	46142	ABC	336ACSR	7.52Y	125.3	0.00	0.65	8.44	2	178	66	94	0.00	0.0	1.542	0.076	49	19	5	14
4612	46141	A	OKOGUARD M	7.51Y	125.2	0.17	0.82	18.33	10	130	47	94	0.11	0.1	2.356	0.814	129	51	9	9
4616	4615	C	OKOGUARD M	7.52Y	125.3	0.26	0.71	39.16	21	275	107	93	0.51	0.2	0.981	0.320	51	20	9	43
4607	4616	C	4ACSR	7.49Y	124.8	0.46	1.18	32.01	27	224	89	93	0.53	0.2	1.553	0.571	223	88	34	34

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total		
KW	4715	0	0	0	0	0	62		0.00	4777	Lowest Voltage =	121.23 on Element 220
KVAR	1865	0	-328	-15	0	0	75			1596	Max Accm VoltD =	4.77 on Element 220
											Max Elem VoltD =	1.51 on Element 455







Balanced Voltage Drop Report
Source: SIDEVIEW

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

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

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total, and voltage drop statistics (Lowest Voltage, Max Accm VoltD, Max Elem VoltD).

Balanced Voltage Drop Report
Source: STANTON

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for STANTON and various feeders (1, 2).

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit G = Generator Out of kvar Limits





Balanced Voltage Drop Report
Source: STANTON

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements 6133 through 6190.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total, Lowest Voltage, Max Accm VoltD, Max Elem VoltD. Values include 17416 KW, 9114 KVAR, 17649 Total, and 119.44V Lowest Voltage.





Balanced Voltage Drop Report
Source: THREE FORKS

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like 10099R, 10099, 76S, 76, 7699, 104, 105, 10589S, 10589, 10587, 10498, 10499S, 10499, 11318, 101, 78, 73, 7399S, 7399, 7398, 7397, 67, 6799, 6798, P 6798SW-A, 103, 102.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total, Lowest Voltage, Max Accm VoltD, Max Elem VoltD. Values include: KW 4942, KVAR 1759, Total 4990, Lowest Voltage = 122.50 on Element 11319.



Balanced Voltage Drop Report
Source: TRAPP

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri, Base Volt, Element Drop, Accum Drop, Thru Amps, % Thru, KW, KVAR, PF, % Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder NO. 3 beginning with Node Element TR3.

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Includes voltage drop statistics: Lowest Voltage = 120.20 on Element 306, Max Accm VoltD = 5.80 on Element 306, Max Elem VoltD = 1.50 on Element 325.

Balanced Voltage Drop Report
Source: TREEHAVEN

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Contains detailed data for feeders 1 through 4.

Summary table with columns: KW, KVAR, Load Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total, Lowest Voltage, Max Accm VoltD, Max Elem VoltD. Includes values like 4367 KW, 3205 KVAR, 125.54 voltage, etc.



Balanced Voltage Drop Report  
Source: UNION CITY

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
126	126S	A	4ACSR	15.03Y	125.3	0.14	0.74	8.68	7	122	46	94	0.08	0.1	3.011	1.246	122	46	33	33
----- Feeder NO. 1 Beginning with Node Element UC1 -----																				
UC1	UNION CITY	ABC	Node	15.12Y	126.0	0.00	0.00	29.42	0	1258	446	94	0.00	0.0	0.000	0.000	0	0	0	273
132281	UC1	ABC	336ACSR	15.12Y	126.0	0.02	0.02	29.42	7	1258	446	94	0.13	0.0	0.168	0.168	0	0	0	273
13228	132281	ABC	1/0ACSR	15.11Y	125.9	0.09	0.11	29.42	15	1258	445	94	0.77	0.1	0.455	0.287	0	0	0	273
13227	13228	ABC	1/0ACSR	15.10Y	125.8	0.05	0.16	29.42	15	1257	445	94	0.40	0.0	0.605	0.150	0	0	0	273
13223	13227	BC	OKOGUARD M	15.10Y	125.8	0.00	0.16	2.49	1	74	12	99	0.00	0.0	0.670	0.066	10	4	4	22
13225	13223	B	OKOGUARD M	15.10Y	125.8	0.00	0.16	2.58	1	38	8	98	0.00	0.0	0.948	0.277	38	14	10	10
13224	13223	C	OKOGUARD M	15.10Y	125.8	0.00	0.16	1.72	1	26	2	100	0.00	0.0	1.022	0.352	26	10	8	8
13226	13227	A	OKOGUARD M	15.10Y	125.8	0.00	0.16	2.57	1	38	8	98	0.00	0.0	0.889	0.284	38	14	8	8
13221	13227	ABC	1/0ACSR	15.09Y	125.7	0.10	0.25	26.94	13	1144	424	94	0.78	0.1	0.951	0.347	6	2	1	243
11393	13221	C	4ACSR	15.09Y	125.7	0.01	0.27	13.26	11	190	63	95	0.02	0.0	0.989	0.038	0	0	0	29
11394	11393	C	OKOGUARD M	15.08Y	125.7	0.04	0.31	13.26	7	190	63	95	0.05	0.0	1.387	0.397	122	46	18	29
11395	11394	C	4ACSR	15.08Y	125.7	0.02	0.33	4.81	4	68	26	93	0.01	0.0	1.700	0.313	68	26	11	11
13211	13221	A	4ACSR	15.08Y	125.7	0.04	0.30	5.18	4	73	28	93	0.02	0.0	1.614	0.663	73	28	13	13
11392	13221	ABC	1/0ACSR	15.08Y	125.6	0.10	0.35	20.66	10	875	331	94	0.60	0.1	1.433	0.482	65	25	16	200
132	11392	ABC	1/0ACSR	15.08Y	125.6	0.01	0.36	1.93	1	82	31	94	0.00	0.0	1.770	0.336	30	11	7	21
131	132	A	4ACSR	15.07Y	125.6	0.05	0.41	3.64	3	51	19	94	0.01	0.0	2.837	1.067	51	19	14	14
11253	11392	ABC	1/0ACSR	15.07Y	125.6	0.08	0.43	17.19	9	727	275	94	0.39	0.1	1.864	0.431	19	7	3	163
11251S	11253	B	50E	15.07Y	125.6	0.00	0.43	12.17	24	172	65	94	0.00	0.0	1.864	0.000	0	0	0	32
11251	11251S	B	4ACSR	15.06Y	125.5	0.11	0.54	12.17	10	172	65	94	0.09	0.1	2.548	0.684	172	65	32	32
11252	11253	ABC	1/0ACSR	15.06Y	125.5	0.03	0.46	12.68	6	536	203	94	0.12	0.0	2.103	0.239	11	4	4	128
9013	11252	ABC	1/0ACSR	15.06Y	125.5	0.01	0.48	12.41	6	525	198	94	0.05	0.0	2.216	0.113	6	2	1	124
125	9013	ABC	1/0ACSR	15.06Y	125.5	0.05	0.53	12.27	6	519	196	94	0.15	0.0	2.635	0.420	139	52	27	123
1251	125	A	1/0ACSR	15.04Y	125.4	0.11	0.64	26.92	13	379	143	94	0.26	0.1	2.936	0.301	21	8	6	96
1253	1251	A	1/0ACSR	15.04Y	125.3	0.05	0.68	20.26	10	285	108	94	0.09	0.0	3.109	0.174	17	7	4	76
120S	1253	A	35L	15.04Y	125.3	-0.00	0.68	8.35	24	117	44	94	0.00	0.0	3.109	0.000	0	0	0	28
120	120S	A	4ACSR	15.02Y	125.2	0.16	0.84	8.35	7	117	44	94	0.13	0.1	3.977	0.867	30	11	5	28
121	120	A	4ACSR	15.01Y	125.1	0.03	0.88	2.02	2	28	11	93	0.00	0.0	5.210	1.233	28	11	6	6
12099	120	A	4ACSR	15.02Y	125.1	0.03	0.87	4.17	4	59	22	94	0.01	0.0	4.527	0.551	59	22	17	17
117S	1253	A	35E	15.04Y	125.3	-0.00	0.68	10.67	30	150	57	93	0.00	0.0	3.109	0.000	0	0	0	44
117	117S	A	4ACSR	15.02Y	125.2	0.14	0.82	10.67	9	150	57	93	0.13	0.1	3.837	0.728	89	33	25	44
11177	117	A	4ACSR	15.01Y	125.1	0.05	0.88	4.35	4	61	23	94	0.02	0.0	4.807	0.969	61	23	19	19
1252	1251	A	4ACSR	15.04Y	125.3	0.05	0.68	5.16	4	73	27	94	0.02	0.0	3.654	0.718	73	27	14	14
P 9012	9013	ABC	336ACSR	15.06Y	125.5	0.00	0.48	0.00	0	0	0	0	0.00	0.0	2.321	0.105	0	0	0	0 P

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total	
KW	4623	0	0	0	0	0	17	0.00	4640	Lowest Voltage = 124.71 on Element 12097
KVAR	1766	0	0	-109	0	0	15		1672	Max Accm VoltD = 1.29 on Element 12097
										Max Elem VoltD = 0.39 on Element 134







Balanced Voltage Drop Report  
Source: HARDWICKS CREEK

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 NEW SUB WINTER.WM\  
Title:  
Case:

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Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
HARDWICKS CREEK		ABC	NoImpd	7.56Y	126.0	0.00	0.00	181.45	0	4071	603	99	0.00	0.0	0.000	0.000	0	0	0	583
HC3	HARDWICKS CREEK	ABC	Node	7.56Y	126.0	0.00	0.00	24.92	0	562	56	100	0.00	0.0	0.000	0.000	0	0	0	77
633	HC3	ABC	336ACSR	7.55Y	125.8	0.16	0.16	24.92	3	562	56	100	0.57	0.1	1.217	1.217	122	12	14	77
6336	633	A	4ACSR	7.51Y	125.2	0.62	0.78	29.49	15	222	22	100	0.89	0.4	1.779	0.562	93	9	7	32
6333	6336	A	4ACSR	7.51Y	125.1	0.08	0.86	7.55	4	56	5	100	0.02	0.0	2.237	0.458	56	5	11	11
P OH47	6333	A	2ACSR	7.51Y	125.1	-0.00	0.86	0.00	0	0	0	0	0.00	0.0	2.386	0.149	0	0	0	0 P
6332	6336	A	4ACSR	7.51Y	125.2	0.07	0.85	9.46	5	71	7	100	0.02	0.0	2.072	0.293	71	7	14	14
6331	633	C	4ACSR	7.53Y	125.5	0.34	0.50	29.06	14	218	21	100	0.50	0.2	1.510	0.293	70	7	10	31
6335	6331	C	4ACSR	7.52Y	125.4	0.14	0.64	13.08	6	98	10	99	0.07	0.1	1.955	0.445	98	10	12	12
P OH40	6335	C	2ACSR	7.52Y	125.4	-0.00	0.64	0.00	0	0	0	0	0.00	0.0	2.063	0.107	0	0	0	0 P
6334	6331	C	4ACSR	7.53Y	125.4	0.06	0.56	6.61	3	50	5	100	0.01	0.0	1.878	0.368	49	5	9	9
P OH39	6334	C	2ACSR	7.53Y	125.4	-0.00	0.56	0.00	0	0	0	0	0.00	0.0	2.022	0.144	0	0	0	0 P
HC2	HARDWICKS CREEK	ABC	Node	7.56Y	126.0	0.00	0.00	130.95	0	2930	487	99	0.00	0.0	0.000	0.000	0	0	0	418
XFMR48	HC2	ABC	Transforme	15.04Y	125.3	0.68	0.68	130.95	57	2930	487	99	6.37	0.2	0.000	0.000	0	0	0	418
635	XFMR48	ABC	1/OACSR	14.98Y	124.9	0.45	1.13	65.47	19	2923	423	99	9.28	0.3	0.737	0.737	191	19	21	418
634	635	C	4ACSR	14.88Y	124.0	0.91	2.04	44.15	22	658	66	100	4.03	0.6	1.812	1.075	244	24	45	115
6341	634	C	4ACSR	14.83Y	123.6	0.35	2.39	27.73	14	410	40	100	0.88	0.2	2.581	0.769	253	25	40	70
6342	6341	C	4ACSR	14.80Y	123.4	0.25	2.63	10.60	5	156	15	100	0.20	0.1	4.572	1.991	156	15	30	30
6361	635	ABC	1/OACSR	14.97Y	124.8	0.08	1.21	46.52	14	2065	331	99	1.27	0.1	0.927	0.191	17	2	3	282
6362S	6361	ABC	VWVE	14.97Y	124.8	0.00	1.21	46.13	0	2046	328	99	0.00	0.0	0.927	0.000	0	0	0	279
6362	6362S	ABC	1/OACSR	14.96Y	124.7	0.08	1.29	46.13	13	2046	328	99	1.20	0.1	1.109	0.181	0	0	0	279
6363S	6362	A	25V4E	14.96Y	124.7	0.00	1.29	0.00	0	0	0	0	0.00	0.0	1.109	0.000	0	0	0	0
P 6363	6363S	A	2ACSR	14.96Y	124.7	0.00	1.29	0.00	0	0	0	0	0.00	0.0	2.232	1.123	0	0	0	0 P
636	6362	ABC	1/OACSR	14.94Y	124.5	0.18	1.47	46.13	13	2045	327	99	2.54	0.1	1.521	0.412	172	17	29	279
641	636	A	4ACSR	14.87Y	123.9	0.64	2.11	38.19	19	566	76	99	2.73	0.5	2.227	0.706	12	1	2	76
6411	641	A	4ACSR	14.84Y	123.6	0.26	2.36	37.35	18	550	74	99	1.08	0.2	2.514	0.287	2	0	1	74
6412	6411	A	4ACSR	14.82Y	123.5	0.11	2.47	6.69	3	95	28	96	0.05	0.1	3.790	1.276	95	28	13	13
6413	6411	A	4ACSR	14.75Y	122.9	0.76	3.12	30.64	15	452	45	100	2.34	0.5	3.798	1.284	163	16	28	60
6414	6413	A	4ACSR	14.71Y	122.6	0.28	3.40	19.56	10	287	28	100	0.42	0.1	5.021	1.223	287	28	32	32
637	636	ABC	1/OACSR	14.94Y	124.5	0.02	1.49	29.57	9	1305	232	98	0.16	0.0	1.583	0.062	89	9	17	174
6371S	637	C	25V4E	14.94Y	124.5	-0.00	1.49	15.73	63	234	23	100	0.00	0.0	1.583	0.000	0	0	0	31
6371	6371S	C	1/OACSR	14.94Y	124.5	0.05	1.53	15.73	5	234	23	100	0.06	0.0	2.115	0.531	234	23	31	31
6372	637	ABC	1/OACSR	14.92Y	124.4	0.14	1.63	22.36	6	982	200	98	0.90	0.1	2.387	0.804	333	136	40	126
6373	6372	ABC	1/OACSR	14.92Y	124.3	0.03	1.66	14.55	4	648	63	100	0.13	0.0	2.682	0.294	280	27	39	86
640S	6373	C	50V4E	14.92Y	124.3	-0.00	1.66	14.31	29	212	21	100	0.00	0.0	2.682	0.000	0	0	0	31
640	640S	C	4ACSR	14.90Y	124.1	0.21	1.87	14.31	7	212	21	100	0.23	0.1	3.949	1.267	212	21	31	31
6401S	6373	B	25V4E	14.92Y	124.3	-0.00	1.66	10.49	42	156	15	100	0.00	0.0	2.682	0.000	0	0	0	16
6401	6401S	B	1/OACSR	14.92Y	124.3	0.04	1.70	10.49	3	156	15	100	0.03	0.0	3.357	0.675	156	15	16	16
HC1	HARDWICKS CREEK	ABC	Node	7.56Y	126.0	0.00	0.00	25.66	0	579	60	99	0.00	0.0	0.000	0.000	0	0	0	88
6102	HC1	ABC	1/OACSR	7.55Y	125.8	0.22	0.22	25.66	7	579	60	99	0.92	0.2	0.483	0.483	48	5	5	88
6101	6102	ABC	1/OACSR	7.53Y	125.5	0.31	0.53	23.55	7	530	54	99	1.08	0.2	1.354	0.871	192	19	26	83
6101R	6101	ABC	Regulator	7.56Y	126.0	-0.53	0.00	15.03	15	338	35	99	0.00	0.0	1.354	0.000	0	0	0	57
610	6101R	ABC	1/OACSR	7.55Y	125.9	0.11	0.11	14.97	4	338	35	99	0.27	0.1	1.745	0.391	4	0	2	57
602	610	ABC	1/OACSR	7.55Y	125.8	0.07	0.18	14.79	4	333	34	99	0.11	0.0	2.253	0.508	333	34	55	55

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total			
KW	4033	0	0	0	0	0	38	0.00	4071	Lowest Voltage = 122.60 on Element 6414		
KVAR	516	0	0	0	0	0	87		603	Max Accm VoltD = 3.40 on Element 6414		
										Max Elem VoltD = 0.91 on Element 634		

Balanced Voltage Drop Report  
Source: HUNT

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 NEW SUB WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru
HUNT		ABC	HUNT 25KV	15.12Y	126.0	0.00	0.00	269.02	0	12083	1708	99	0.00	0.0	0.000	0.000	0	0	0	1652
----- Feeder NO. 1 Beginning with Node Element HU1 -----																				
HU1	HUNT	ABC	Node	15.12Y	126.0	0.00	0.00	49.57	0	2225	326	99	0.00	0.0	0.000	0.000	0	0	0	283
300	HU1	ABC	397ACSR	15.10Y	125.8	0.15	0.15	49.57	6	2225	326	99	1.98	0.1	1.101	1.101	100	14	15	283
30001	300	ABC	397ACSR	15.10Y	125.8	0.04	0.20	47.35	6	2123	307	99	0.56	0.0	1.432	0.330	17	2	4	268
30002S	30001	C	U	15.10Y	125.8	0.00	0.20	3.72	0	56	8	99	0.00	0.0	1.432	0.000	0	0	0	7
30002	30002S	C	4ACSR	15.09Y	125.8	0.04	0.24	3.72	2	56	8	99	0.01	0.0	2.372	0.941	56	8	7	7
30003	30001	ABC	397ACSR	15.08Y	125.7	0.13	0.33	45.73	5	2050	296	99	1.58	0.1	2.445	1.013	44	6	8	257
30004	30003	ABC	397ACSR	15.07Y	125.6	0.12	0.44	44.75	5	2004	286	99	1.36	0.1	3.383	0.938	123	17	16	249
268	30004	C	4ACSR	15.03Y	125.3	0.31	0.75	15.05	7	225	31	99	0.46	0.2	4.421	1.039	82	11	11	30
26801	268	C	4ACSR	15.02Y	125.2	0.09	0.84	9.58	5	143	20	99	0.07	0.0	5.243	0.822	143	20	19	19
267	30004	ABC	397ACSR	15.06Y	125.5	0.04	0.49	36.99	4	1655	234	99	0.44	0.0	3.810	0.427	38	5	4	203
26702	267	ABC	397ACSR	15.06Y	125.5	0.03	0.52	34.77	4	1555	220	99	0.30	0.0	4.140	0.330	40	5	5	189
266	26702	ABC	4ACSR	15.02Y	125.2	0.28	0.80	33.88	17	1515	214	99	3.28	0.2	4.529	0.389	6	1	2	184
26601	266	ABC	4ACSR	15.00Y	125.0	0.21	1.01	33.75	17	1506	212	99	2.45	0.2	4.833	0.304	70	10	5	182
261	26601	ABC	4ACSR	14.97Y	124.8	0.21	1.22	29.06	14	1295	182	99	2.08	0.2	5.173	0.341	33	4	3	159
26102	261	B	4ACSR	14.97Y	124.7	0.04	1.26	8.54	4	127	17	99	0.03	0.0	5.610	0.437	127	17	17	17
26101	261	ABC	4ACSR	14.97Y	124.7	0.05	1.27	25.48	13	1134	159	99	0.46	0.0	5.270	0.096	0	0	0	139
62	26101	A	4ACSR	14.79Y	123.3	1.46	2.73	52.21	26	774	110	99	8.27	1.1	6.495	1.225	78	11	14	96
6204	62	A	4ACSR	14.75Y	122.9	0.35	3.08	28.52	14	418	58	99	0.92	0.2	7.217	0.722	235	32	29	53
6206	6204	A	4ACSR	14.75Y	122.9	0.04	3.12	5.85	3	86	12	99	0.02	0.0	7.778	0.561	85	12	11	11
6205	6204	A	4ACSR	14.74Y	122.8	0.12	3.20	6.60	3	96	13	99	0.06	0.1	8.717	1.499	96	13	13	13
6202	62	A	4ACSR	14.78Y	123.2	0.09	2.82	13.59	7	199	27	99	0.11	0.1	6.848	0.353	93	13	9	20
6203	6202	A	4ACSR	14.78Y	123.1	0.06	2.87	7.22	4	106	15	99	0.03	0.0	7.510	0.662	106	14	11	11
6201	62	A	4ACSR	14.79Y	123.2	0.05	2.78	4.83	2	71	10	99	0.02	0.0	7.392	0.897	71	10	9	9
257	26101	ABC	4ACSR	14.96Y	124.7	0.06	1.33	8.08	4	359	49	99	0.13	0.0	5.791	0.521	240	33	23	43
25701	257	ABC	4ACSR	14.96Y	124.6	0.02	1.35	2.68	1	119	16	99	0.02	0.0	6.280	0.489	65	9	14	20
25702	25701	C	4ACSR	14.96Y	124.6	0.01	1.36	3.63	2	54	7	99	0.00	0.0	6.589	0.309	54	7	6	6
260	26601	C	4ACSR	14.98Y	124.9	0.12	1.13	9.37	5	139	19	99	0.13	0.1	5.392	0.559	6	1	1	18
26002	260	C	4ACSR	14.98Y	124.8	0.02	1.16	3.10	2	46	6	99	0.01	0.0	6.039	0.647	46	6	9	9
26001	260	C	4ACSR	14.98Y	124.8	0.07	1.21	5.88	3	87	12	99	0.03	0.0	6.418	1.027	87	12	8	8
26701	267	C	4ACSR	15.06Y	125.5	0.03	0.51	4.09	2	61	8	99	0.01	0.0	4.388	0.579	61	8	10	10
----- Feeder NO. 3 Beginning with Node Element HU3 -----																				
HU3	HUNT	ABC	Node	15.12Y	126.0	0.00	0.00	89.98	0	4021	701	99	0.00	0.0	0.000	0.000	0	0	0	603
----- Feeder NO. 4 Beginning with Node Element HU4 -----																				
HU4	HUNT	ABC	Node	15.12Y	126.0	0.00	0.00	112.54	0	5075	552	99	0.00	0.0	0.000	0.000	0	0	0	643
----- Feeder NO. 2 Beginning with Node Element HU2 -----																				
HU2	HUNT	ABC	Node	15.12Y	126.0	0.00	0.00	17.04	0	762	130	99	0.00	0.0	0.000	0.000	0	0	0	123

KW	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total	Lowest Voltage = 122.80 on Element 6205	
	2200	0	0	0	0	9858	25	0.00	12083			Max Accm VoltD = 3.20 on Element 6205
KVAR	302	0	0	0	0	1382	24		1708			Max Elem VoltD = 1.46 on Element 62



Balanced Voltage Drop Report  
Source: MILLER HUNT

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 NEW SUB WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																Cons	Cons	Thru		
REG54	230	ABC	Regulator	7.56Y	126.0	-7.14	0.00	45.60	46	959	181	98	0.00	0.0	5.581	0.000	0	0	0	151
2222	REG54	A C	4ACSR	7.49Y	124.8	1.20	1.20	45.38	22	672	138	98	6.12	0.9	6.158	0.577	0	0	0	97
2221	2222	A	4ACSR	7.40Y	123.3	1.51	2.72	44.04	22	324	64	98	2.45	0.8	7.565	1.407	321	62	39	39
222	2222	A C	4ACSR	7.46Y	124.3	0.54	1.74	23.36	12	342	72	98	1.31	0.4	6.718	0.560	72	18	13	58
223	222	C	2ACSR	7.41Y	123.4	0.84	2.58	36.80	14	269	53	98	1.31	0.5	7.659	0.941	159	31	22	45
2231	223	C	2ACSR	7.39Y	123.1	0.33	2.91	15.04	6	109	21	98	0.18	0.2	8.951	1.292	109	21	23	23
P NODE51	222	A C	Node	7.46Y	124.3	0.00	1.74	0.00	0	0	0	0	0.00	0.0	6.718	0.000	0	0	0	0 P
2211	REG54	A	4ACSR	7.47Y	124.6	1.43	1.43	38.35	19	287	43	99	3.03	1.1	6.375	0.794	13	2	5	54
221	2211	A	4ACSR	7.40Y	123.3	1.29	2.72	36.57	18	270	39	99	2.48	0.9	7.197	0.822	55	8	8	49
220	221	A	4ACSR	7.36Y	122.7	0.59	3.32	22.15	11	162	23	99	0.49	0.3	8.314	1.117	162	23	30	30
2171	221	A	4ACSR	7.39Y	123.1	0.18	2.91	6.96	3	51	7	99	0.05	0.1	8.300	1.104	51	7	11	11
2311	231	A	4ACSR	14.91Y	124.3	0.23	1.72	13.50	7	200	27	99	0.24	0.1	3.577	1.444	200	27	18	18

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total			
KW	5882	0	0	0	0	0	117		0.00	5999	Lowest Voltage =	118.86	on Element 230
KVAR	867	0	-329	0	0	0	103			641	Max Accm VoltD =	7.14	on Element 230
											Max Elem VoltD =	2.00	on Element 230

Balanced Voltage Drop Report  
Source: REID VILLAGE

Database: D:\MILSOFT\WINTER 2007-2008 LRP MODEL\FINAL YEAR 5 NEW SUB WINTER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru
REID VILLAGE		ABC	REID VILLA	7.56Y	126.0	0.00	0.00	165.85	0	3737	424	99	0.00	0.0	0.000	0.000	0	0	0	610
----- Feeder NO. 1 Beginning with Node Element RV1 -----																				
RV1	REID VILLAGE	ABC	Node	7.56Y	126.0	0.00	0.00	78.38	0	1743	349	98	0.00	0.0	0.000	0.000	0	0	0	250
46042	RV1	ABC	336ACSR	7.56Y	126.0	0.01	0.01	78.38	10	1743	349	98	0.14	0.0	0.025	0.025	0	0	0	250
46043	46042	ABC	336ACSR	7.56Y	126.0	0.01	0.02	60.92	8	1355	270	98	0.08	0.0	0.049	0.024	0	0	0	187
227	46043	ABC	4ACSR	7.48Y	124.7	1.30	1.32	60.92	30	1355	270	98	13.60	1.0	0.546	0.497	0	0	0	187
2271	227	C	4ACSR	7.43Y	123.8	0.90	2.22	35.64	18	262	51	98	1.18	0.5	1.579	1.033	261	50	24	24
2272	227	ABC	4ACSR	7.39Y	123.2	1.47	2.80	49.04	24	1080	214	98	12.19	1.1	1.265	0.719	57	11	10	163
2273	2272	ABC	4ACSR	7.34Y	122.4	0.81	3.61	46.44	23	1010	199	98	6.11	0.6	1.710	0.445	173	34	20	153
212	2273	ABC	4ACSR	7.33Y	122.2	0.15	3.76	5.17	3	112	22	98	0.11	0.1	2.655	0.945	60	12	4	12
2121	212	ABC	4ACSR	7.33Y	122.2	0.06	3.83	2.39	1	52	10	98	0.02	0.0	3.908	1.253	52	10	8	8
226	2273	ABC	4ACSR	7.30Y	121.7	0.66	4.27	33.28	16	719	141	98	3.75	0.5	2.171	0.461	5	1	2	121
2262	226	B	4ACSR	7.28Y	121.4	0.37	4.64	17.39	9	125	24	98	0.24	0.2	3.047	0.876	124	24	23	23
2261	226	ABC	4ACSR	7.28Y	121.4	0.34	4.61	27.27	13	586	115	98	1.57	0.3	2.468	0.296	23	4	4	96
224	2261	B	4ACSR	7.20Y	119.9	1.45	6.05	45.59	23	326	64	98	2.87	0.9	3.420	0.953	206	40	33	54
2241	224	B	4ACSR	7.16Y	119.4	0.53	6.59	16.55	8	117	23	98	0.33	0.3	4.743	1.323	117	23	21	21
225	2261	A C	4ACSR	7.28Y	121.3	0.11	4.71	16.53	8	236	46	98	0.19	0.1	2.620	0.152	41	8	4	38
2252	225	A C	4ACSR	7.26Y	121.1	0.21	4.92	8.50	4	121	24	98	0.16	0.1	3.355	0.734	68	13	15	25
2253	2252	A C	4ACSR	7.26Y	121.0	0.06	4.98	3.77	2	54	10	98	0.02	0.0	4.054	0.699	54	10	10	10
2251	225	A	4ACSR	7.25Y	120.9	0.39	5.11	10.39	5	74	14	98	0.15	0.2	4.165	1.545	74	14	9	9
C 455S	46042	B	50V4E	7.56Y	126.0	0.00	0.01	52.36	105	388	79	98	0.00	0.0	0.025	0.000	0	0	0	63 C
455	455S	B	4ACSR	7.44Y	124.1	1.92	1.93	52.36	26	388	79	98	5.13	1.3	0.869	0.844	86	17	19	63
4551	455	B	4ACSR	7.36Y	122.6	1.42	3.36	40.64	20	297	59	98	3.14	1.1	1.604	0.735	15	3	10	44
C 4552S	4551	B	25L	7.36Y	122.6	-0.00	3.36	37.79	151	273	53	98	0.00	0.0	1.604	0.000	0	0	0	32 C
4552	4552S	B	4ACSR	7.29Y	121.5	1.11	4.47	37.79	19	273	53	98	1.54	0.6	2.806	1.202	271	53	32	32
4553	4551	B	4ACSR	7.36Y	122.6	0.01	3.37	0.83	0	6	1	99	0.00	0.0	2.060	0.455	6	1	2	2
----- Feeder NO. 2 Beginning with Node Element RV2 -----																				
RV2	REID VILLAGE	ABC	Node	7.56Y	126.0	0.00	0.00	88.00	0	1995	75	100	0.00	0.0	0.000	0.000	0	0	0	360

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total		
KW	1690	0	0	0	0	1995	53	0.00	3737	Lowest Voltage =	119.41 on Element 2241
KVAR	328	0	0	0	0	75	22		424	Max Accm VoltD =	6.59 on Element 2241
										Max Elem VoltD =	1.92 on Element 455



Balanced Voltage Drop Report  
Source: HARDWICKS CREEK

Detail

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 NEW SUB SUMMER.WM\  
Title:  
Case:

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Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
HARDWICKS CREEK		ABC	NoImpd	7.56Y	126.0	0.00	0.00	130.60	0	2905	576	98	0.00	0.0	0.000	0.000	0	0	0	589
HC3	HARDWICKS CREEK	ABC	Node	7.56Y	126.0	0.00	0.00	16.46	0	372	-31	-100	0.00	0.0	0.000	0.000	0	0	0	76
633	HC3	ABC	336ACSR	7.56Y	125.9	0.06	0.06	16.46	4	372	-31	-100	0.24	0.1	1.217	1.217	83	30	14	76
CAP68	633	ABC	Capacitor	7.56Y	125.9	0.00	0.06	13.04	0	289	-61	-98	0.00	0.0	1.217	0.000	0	0	0	62
6331	CAP68	A	4ACSR	7.54Y	125.7	0.25	0.31	20.37	17	145	52	94	0.24	0.2	1.510	0.293	50	18	10	30
6335	6331	A	4ACSR	7.54Y	125.6	0.09	0.40	7.89	7	56	20	94	0.02	0.0	1.955	0.445	56	20	11	11
P OH42	6335	A	2ACSR	7.54Y	125.6	0.00	0.40	0.00	0	0	0	0	0.00	0.0	2.063	0.107	0	0	0	0 P
6334	6331	A	4ACSR	7.54Y	125.6	0.05	0.36	5.41	5	38	14	94	0.01	0.0	1.878	0.368	38	14	9	9
P OH41	6334	A	2ACSR	7.54Y	125.6	0.00	0.36	0.00	0	0	0	0	0.00	0.0	2.022	0.144	0	0	0	0 P
6336	CAP68	A	4ACSR	7.53Y	125.4	0.50	0.56	20.31	17	144	52	94	0.49	0.3	1.779	0.562	40	14	7	32
6333	6336	A	4ACSR	7.52Y	125.4	0.07	0.63	6.23	5	44	16	94	0.02	0.0	2.237	0.458	44	16	11	11
P OH43	6333	A	2ACSR	7.52Y	125.4	0.00	0.63	0.00	0	0	0	0	0.00	0.0	2.386	0.149	0	0	0	0 P
6332	6336	A	4ACSR	7.52Y	125.4	0.06	0.62	8.44	7	60	22	94	0.02	0.0	2.072	0.293	60	21	14	14
HC2	HARDWICKS CREEK	ABC	Node	7.56Y	126.0	0.00	0.00	94.36	0	2058	588	96	0.00	0.0	0.000	0.000	0	0	0	424
XFMR54	HC2	ABC	Transforme	15.03Y	125.3	0.71	0.71	94.36	41	2058	588	96	3.31	0.2	2.000	0.000	0	0	0	424
635	XFMR54	ABC	1/0ACSR	14.99Y	124.9	0.34	1.05	47.18	23	2054	555	97	4.84	0.2	0.737	0.737	116	42	21	424
CAP25	635	ABC	Capacitor	14.99Y	124.9	-0.00	1.05	44.45	0	1933	509	97	0.00	0.0	0.737	0.000	0	0	0	403
6361	CAP25	ABC	1/0ACSR	14.99Y	124.9	0.07	1.12	34.43	17	1408	645	91	0.70	0.0	0.927	0.191	5	2	2	287
6362S	6361	ABC	VWVE	14.99Y	124.9	-0.00	1.12	34.31	0	1402	643	91	0.00	0.0	0.927	0.000	0	0	0	285
6362	6362S	ABC	1/0ACSR	14.98Y	124.8	0.07	1.19	34.31	17	1402	643	91	0.66	0.0	1.109	0.181	0	0	0	285
6363S	6362	A	25V4E	14.98Y	124.8	-0.00	1.19	0.00	0	0	0	0	0.00	0.0	1.109	0.000	0	0	0	0
P 6363	6363S	A	2ACSR	14.98Y	124.8	-0.00	1.19	0.00	0	0	0	0	0.00	0.0	2.232	1.123	0	0	0	0 P
636	6362	ABC	1/0ACSR	14.96Y	124.7	0.15	1.34	34.31	17	1401	642	91	1.40	0.1	1.521	0.412	130	47	28	285
641	636	A	4ACSR	14.90Y	124.2	0.50	1.83	28.30	24	396	150	94	1.48	0.4	2.227	0.706	13	5	2	76
6411	641	A	4ACSR	14.88Y	124.0	0.20	2.03	27.35	23	381	144	94	0.58	0.2	2.514	0.287	2	1	1	74
6412	6411	A	4ACSR	14.86Y	123.9	0.11	2.14	6.57	6	90	39	92	0.05	0.1	3.790	1.276	90	39	13	13
6413	6411	A	4ACSR	14.81Y	123.4	0.54	2.57	20.62	17	289	104	94	1.03	0.4	3.798	1.284	114	41	28	60
6414	6413	A	4ACSR	14.79Y	123.2	0.19	2.76	12.47	10	174	63	94	0.17	0.1	5.021	1.223	174	62	32	32
637	636	ABC	1/0ACSR	14.96Y	124.7	0.01	1.35	21.86	11	874	445	89	0.09	0.0	1.583	0.062	64	23	20	181
6371S	637	C	25V4E	14.96Y	124.7	-0.00	1.35	9.96	40	140	50	94	0.00	0.0	1.583	0.000	0	0	0	31
6371	6371S	C	1/0ACSR	14.95Y	124.6	0.04	1.39	9.96	5	140	50	94	0.02	0.0	2.115	0.531	140	50	31	31
6372	637	ABC	1/0ACSR	14.94Y	124.5	0.12	1.47	17.06	8	670	371	87	0.49	0.1	2.387	0.804	244	217	41	130
6373	6372	ABC	1/0ACSR	14.94Y	124.5	0.02	1.49	10.08	5	425	153	94	0.06	0.0	2.682	0.294	207	75	40	89
640S	6373	C	50V4E	14.94Y	124.5	0.00	1.49	9.91	20	139	50	94	0.00	0.0	2.682	0.000	0	0	0	31
640	640S	C	4ACSR	14.92Y	124.4	0.16	1.65	9.91	8	139	50	94	0.11	0.1	3.949	1.267	139	50	31	31
6401S	6373	B	25V4E	14.94Y	124.5	0.00	1.49	5.61	22	79	28	94	0.00	0.0	2.682	0.000	0	0	0	18
6401	6401S	B	1/0ACSR	14.94Y	124.5	0.03	1.52	5.61	3	79	28	94	0.01	0.0	3.357	0.675	79	28	18	18
634	CAP25	C	4ACSR	14.90Y	124.1	0.81	1.86	37.26	31	525	190	94	2.77	0.5	1.812	1.075	213	77	46	116
6341	634	C	4ACSR	14.86Y	123.8	0.31	2.16	22.08	19	310	112	94	0.58	0.2	2.581	0.769	179	64	40	70
6342	6341	C	4ACSR	14.83Y	123.6	0.24	2.40	9.33	8	130	47	94	0.16	0.1	4.572	1.991	130	47	30	30
HC1	HARDWICKS CREEK	ABC	Node	7.56Y	126.0	0.00	0.00	20.99	0	476	19	100	0.00	0.0	0.000	0.000	0	0	0	89
6102	HC1	ABC	1/0ACSR	7.55Y	125.8	0.17	0.17	20.99	10	476	19	100	0.63	0.1	0.483	0.483	23	8	6	89
6101	6102	ABC	1/0ACSR	7.53Y	125.6	0.25	0.42	19.95	10	452	10	100	0.82	0.2	1.354	0.871	128	46	26	83
610	6101	ABC	1/0ACSR	7.53Y	125.5	0.09	0.51	14.38	7	323	-37	-99	0.25	0.1	1.745	0.391	3	1	2	57
CAP64	610	ABC	Capacitor	7.53Y	125.5	0.00	0.51	14.25	0	320	-38	-99	0.00	0.0	1.745	0.000	0	0	0	55
602	CAP64	ABC	1/0ACSR	7.52Y	125.4	0.08	0.59	15.21	8	320	126	93	0.12	0.0	2.253	0.508	319	126	55	55

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total			
KW	2884	0	0	0	0	0	21	0.00		2905	Lowest Voltage =	123.24	on Element 6414
KVAR	1185	0	-654	0	0	0	46			576	Max Accm VoltD =	2.76	on Element 6414
											Max Elem VoltD =	0.81	on Element 634

Balanced Voltage Drop Report  
Source: HUNT

Detail

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 NEW SUB SUMMER.WM\  
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Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru
HUNT		ABC	HUNT 25KV	15.12Y	126.0	0.00	0.00	163.94	0	7145	2061	96	0.00	0.0	0.000	0.000	0	0	0	1704
----- Feeder NO. 1 Beginning with Node Element HU1 -----																				
HU1	HUNT	ABC	Node	15.12Y	126.0	0.00	0.00	27.87	0	1257	136	99	0.00	0.0	0.000	0.000	0	0	0	300
300	HU1	ABC	397ACSR	15.11Y	125.9	0.08	0.08	27.87	6	1257	136	99	0.63	0.0	1.101	1.101	49	18	16	300
30001	300	ABC	397ACSR	15.11Y	125.9	0.02	0.10	26.76	5	1207	117	100	0.18	0.0	1.432	0.330	13	5	4	284
30002S	30001	C	U	15.11Y	125.9	-0.00	0.10	2.89	0	41	15	94	0.00	0.0	1.432	0.000	0	0	0	7
30002	30002S	C	4ACSR	15.10Y	125.9	0.03	0.14	2.89	2	41	15	94	0.01	0.0	2.372	0.941	41	15	7	7
30003	30001	ABC	397ACSR	15.10Y	125.8	0.06	0.17	25.54	5	1154	97	100	0.49	0.0	2.445	1.013	22	8	9	273
30004	30003	ABC	397ACSR	15.09Y	125.8	0.06	0.22	25.04	5	1131	87	100	0.42	0.0	3.383	0.938	75	28	16	264
268S	30004	C	35V4E	15.09Y	125.8	0.00	0.22	8.91	25	126	46	94	0.00	0.0	3.383	0.000	0	0	0	32
268	268S	C	4ACSR	15.07Y	125.6	0.20	0.42	8.91	7	126	46	94	0.17	0.1	4.421	1.039	40	15	11	32
26801	268	C	4ACSR	15.06Y	125.5	0.06	0.48	6.08	5	86	32	94	0.03	0.0	5.243	0.822	86	32	21	21
267	30004	ABC	397ACSR	15.09Y	125.8	0.02	0.24	20.52	4	929	12	100	0.13	0.0	3.810	0.427	19	7	4	216
26702	267	ABC	397ACSR	15.09Y	125.7	0.01	0.25	19.33	4	875	-8	-100	0.09	0.0	4.140	0.330	10	4	6	202
CAP67	26702	ABC	Capacitor	15.09Y	125.7	-0.00	0.25	19.10	0	865	-12	-100	0.00	0.0	4.140	0.000	0	0	0	196
266	CAP67	ABC	4ACSR	15.07Y	125.6	0.17	0.43	20.35	17	865	318	94	1.19	0.1	4.529	0.389	0	0	2	196
26601	266	ABC	4ACSR	15.05Y	125.4	0.13	0.56	20.34	17	863	317	94	0.90	0.1	4.833	0.304	29	11	9	194
261	26601	ABC	4ACSR	15.04Y	125.3	0.13	0.69	17.62	15	747	274	94	0.75	0.1	5.173	0.341	34	13	3	165
26102	261	B	4ACSR	15.03Y	125.3	0.03	0.72	5.54	5	78	29	94	0.01	0.0	5.610	0.437	78	29	20	20
26101	261	ABC	4ACSR	15.03Y	125.3	0.03	0.72	14.97	13	634	233	94	0.16	0.0	5.270	0.096	0	0	0	142
62	26101	A	4ACSR	14.93Y	124.4	0.89	1.60	30.54	26	431	159	94	2.76	0.6	6.495	1.225	55	20	14	99
6204	62	A	4ACSR	14.90Y	124.2	0.24	1.84	17.61	15	247	91	94	0.36	0.1	7.217	0.722	132	48	30	56
6206	6204	A	4ACSR	14.90Y	124.1	0.03	1.87	4.60	4	64	24	94	0.01	0.0	7.778	0.561	64	24	12	12
6205	6204	A	4ACSR	14.89Y	124.1	0.07	1.91	3.57	3	50	18	94	0.02	0.0	8.717	1.499	50	18	14	14
6202	62	A	4ACSR	14.92Y	124.4	0.04	1.64	5.82	5	82	30	94	0.02	0.0	6.848	0.353	40	15	9	20
6203	6202	A	4ACSR	14.92Y	124.3	0.02	1.67	2.96	2	42	15	94	0.01	0.0	7.510	0.662	41	15	11	11
6201	62	A	4ACSR	14.92Y	124.4	0.04	1.64	3.17	3	44	16	94	0.01	0.0	7.392	0.897	44	16	9	9
257	26101	ABC	4ACSR	15.03Y	125.2	0.04	0.75	4.79	4	203	74	94	0.05	0.0	5.791	0.521	119	44	24	43
25701	257	ABC	4ACSR	15.03Y	125.2	0.01	0.77	1.98	2	84	31	94	0.01	0.0	6.280	0.489	60	22	14	19
25702	25701	C	4ACSR	15.03Y	125.2	0.01	0.77	1.65	1	23	9	93	0.00	0.0	6.589	0.309	23	9	5	5
260	26601	C	4ACSR	15.04Y	125.4	0.09	0.64	6.13	5	87	32	94	0.06	0.1	5.392	0.559	2	1	2	20
26002	260	C	4ACSR	15.04Y	125.3	0.02	0.66	2.32	2	33	12	94	0.00	0.0	6.039	0.647	33	12	9	9
26001	260	C	4ACSR	15.04Y	125.3	0.05	0.69	3.65	3	52	19	94	0.01	0.0	6.418	1.027	52	19	9	9
26701	267	C	4ACSR	15.09Y	125.7	0.02	0.26	2.49	2	35	13	94	0.00	0.0	4.388	0.579	35	13	10	10
----- Feeder NO. 3 Beginning with Node Element HU3 -----																				
HU3	HUNT	ABC	Node	15.12Y	126.0	0.00	0.00	60.40	0	2557	984	93	0.00	0.0	0.000	0.000	0	0	0	616
----- Feeder NO. 4 Beginning with Node Element HU4 -----																				
HU4	HUNT	ABC	Node	15.12Y	126.0	0.00	0.00	64.06	0	2810	739	97	0.00	0.0	0.000	0.000	0	0	0	657
----- Feeder NO. 2 Beginning with Node Element HU2 -----																				
HU2	HUNT	ABC	Node	15.12Y	126.0	0.00	0.00	12.31	0	521	201	93	0.00	0.0	0.000	0.000	0	0	0	131

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total			
KW	1248	0	0	0	0	5888	8		0.00	7145	Lowest Voltage =	124.09	on Element 6205
KVAR	458	0	-329	0	0	1925	8			2061	Max Accm VoltD =	1.91	on Element 6205
											Max Elem VoltD =	0.89	on Element 62



Balanced Voltage Drop Report
Source: MILLER HUNT

Database: D:\WILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 NEW SUB SUMMER.WM\
Title:
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Table with columns: Element Name, Parent Name, Cnf, Type/ Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. The table lists various electrical components and their characteristics.

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit G = Generator Out of kvar Limits

Balanced Voltage Drop Report  
Source: MILLER HUNT

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 NEW SUB SUMMER.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	-----Element----- Length (mi)	KW	KVAR	Cons On	Thru Thru
230	2301	ABC	4ACSR	7.25Y	120.8	1.53	5.23	39.33	33	865	33	100	10.45	1.2	5.581	0.987	73	29	11	161
CAP65	230	ABC	Capacitor	7.25Y	120.8	0.00	5.23	35.95	0	781	1	100	0.00	0.0	5.581	0.000	0	0	0	150
REG58	CAP65	ABC	Regulator	7.56Y	126.0	-5.23	0.00	38.58	39	781	304	93	0.00	0.0	5.581	0.000	0	0	0	150
2211	REG58	A	4ACSR	7.49Y	124.8	1.17	1.17	29.70	25	211	76	94	1.82	0.9	6.375	0.794	10	4	5	53
221	2211	A	4ACSR	7.42Y	123.7	1.09	2.26	28.32	24	200	72	94	1.56	0.8	7.197	0.822	29	11	8	48
220	221	A	4ACSR	7.40Y	123.3	0.48	2.73	16.89	14	118	42	94	0.29	0.2	8.314	1.117	118	42	29	29
2171	221	A	4ACSR	7.41Y	123.5	0.20	2.46	7.22	6	50	18	94	0.05	0.1	8.300	1.104	50	18	11	11
2222	REG58	A C	4ACSR	7.49Y	124.9	1.11	1.11	40.62	34	570	228	93	4.90	0.9	6.158	0.577	0	0	0	97
2221	2222	A	4ACSR	7.42Y	123.7	1.20	2.30	33.49	28	233	93	93	1.42	0.6	7.565	1.407	232	92	39	39
222	2222	A C	4ACSR	7.46Y	124.3	0.56	1.67	23.88	20	332	133	93	1.36	0.4	6.718	0.560	71	29	13	58
223	222	A	2ACSR	7.40Y	123.4	0.96	2.63	37.56	24	260	104	93	1.46	0.6	7.659	0.941	137	54	21	45
2231	223	A	2ACSR	7.38Y	123.0	0.42	3.05	17.70	11	122	48	93	0.25	0.2	8.951	1.292	122	48	24	24
P NODE55	222	A C	Node	7.46Y	124.3	0.00	1.67	0.00	0	0	0	0	0.00	0.0	6.718	0.000	0	0	0	0
2311	231	A	4ACSR	14.96Y	124.7	0.15	1.30	8.00	7	112	41	94	0.08	0.1	3.577	1.444	112	41	19	19

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total			
KW	4189	0	0	0	0	0	71		0.00	4260	Lowest Voltage =	120.77	on Element 230
KVAR	1560	0	-798	0	0	0	63			824	Max Accm VoltD =	5.23	on Element 230
											Max Elem VoltD =	1.53	on Element 230

Balanced Voltage Drop Report  
Source: REID VILLAGE

Database: D:\MILSOFT\SUMMER 2008 LRP MODEL\FINAL YEAR 5 NEW SUB SUMMER.WM\  
Title:  
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru
REID VILLAGE		ABC	REID VILLA	7.56Y	126.0	0.00	0.00	174.89	0	3866	887	97	0.00	0.0	0.000	0.000	0	0	0	619
----- Feeder NO. 1 Beginning with Node Element RV1 -----																				
RV1	REID VILLAGE	ABC	Node	7.56Y	126.0	0.00	0.00	66.66	0	1487	274	98	0.00	0.0	0.000	0.000	0	0	0	254
46042	RV1	ABC	336ACSR	7.56Y	126.0	0.01	0.01	66.66	15	1487	274	98	0.10	0.0	0.025	0.025	0	0	0	254
46043	46042	ABC	336ACSR	7.56Y	126.0	0.01	0.02	53.71	12	1207	163	99	0.06	0.0	0.049	0.024	0	0	0	191
227	46043	ABC	4ACSR	7.49Y	124.8	1.13	1.15	53.71	45	1207	162	99	10.57	0.9	0.546	0.497	0	0	0	191
2271S	227	C	U	7.49Y	124.8	0.00	1.15	34.83	0	242	96	93	0.00	0.0	0.546	0.000	0	0	0	26
2271	2271S	C	4ACSR	7.44Y	123.9	0.91	2.07	34.83	29	242	96	93	1.13	0.5	1.579	1.033	241	96	26	26
2272	227	ABC	4ACSR	7.42Y	123.6	1.24	2.40	42.55	36	954	63	100	9.18	1.0	1.265	0.719	48	19	10	165
2273	2272	ABC	4ACSR	7.38Y	122.9	0.68	3.07	40.35	34	897	40	100	4.60	0.5	1.710	0.445	149	59	21	155
CAP69	2273	ABC	Capacitor	7.38Y	122.9	-0.00	3.07	33.59	0	743	-20	-100	0.00	0.0	1.710	0.000	0	0	0	134
226	CAP69	ABC	4ACSR	7.34Y	122.3	0.63	3.70	31.73	27	653	259	93	3.40	0.5	2.171	0.461	7	3	2	120
2262	226	B	4ACSR	7.31Y	121.9	0.42	4.12	18.73	16	128	51	93	0.28	0.2	3.047	0.876	127	50	23	23
2261	226	ABC	4ACSR	7.32Y	122.0	0.32	4.02	25.16	21	515	204	93	1.34	0.3	2.468	0.296	21	8	4	95
224	2261	B	4ACSR	7.23Y	120.5	1.48	5.51	44.61	37	303	121	93	2.78	0.9	3.420	0.953	188	75	33	53
2241	224	B	4ACSR	7.20Y	119.9	0.56	6.07	16.68	14	112	44	93	0.33	0.3	4.743	1.323	112	44	20	20
225	2261	A C	4ACSR	7.31Y	121.9	0.09	4.11	13.93	12	190	75	93	0.13	0.1	2.620	0.152	38	15	4	38
2252	225	A C	4ACSR	7.30Y	121.7	0.18	4.30	7.64	6	104	41	93	0.12	0.1	3.355	0.734	63	25	15	24
2253	2252	A C	4ACSR	7.30Y	121.7	0.05	4.34	2.98	3	41	16	93	0.01	0.0	4.054	0.699	41	16	9	9
2251	225	C	4ACSR	7.30Y	121.6	0.28	4.39	7.01	6	48	19	93	0.07	0.1	4.165	1.545	48	19	10	10
212	CAP69	ABC	4ACSR	7.37Y	122.8	0.12	3.19	4.39	4	90	36	93	0.07	0.1	2.655	0.945	61	24	5	14
2121	212	ABC	4ACSR	7.37Y	122.8	0.04	3.23	1.40	1	29	11	93	0.01	0.0	3.908	1.253	29	11	9	9
455S	46042	B	50V4E	7.56Y	126.0	-0.00	0.01	39.81	80	279	112	93	0.00	0.0	0.025	0.000	0	0	0	63
455	455S	B	4ACSR	7.47Y	124.5	1.51	1.52	39.81	33	279	112	93	2.95	1.1	0.869	0.844	64	25	19	63
4551	455	B	4ACSR	7.40Y	123.4	1.11	2.63	30.63	26	213	85	93	1.76	0.8	1.604	0.735	14	5	10	44
4552	4551	B	4ACSR	7.35Y	122.5	0.82	3.45	26.86	23	185	73	93	0.78	0.4	2.806	1.202	184	73	32	32
4553	4551	B	4ACSR	7.40Y	123.3	0.02	2.65	1.81	2	12	5	92	0.00	0.0	2.060	0.455	12	5	2	2
----- Feeder NO. 2 Beginning with Node Element RV2 -----																				
RV2	REID VILLAGE	ABC	Node	7.56Y	126.0	0.00	0.00	108.33	0	2379	613	97	0.00	0.0	0.000	0.000	0	0	0	365

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total		
KW	1447	0	0	0	0	2379	40		0.00	3866	Lowest Voltage =	119.93 on Element 2241
KVAR	573	0	-315	0	0	613	16			887	Max Accm VoltD =	6.07 on Element 2241
											Max Elem VoltD =	1.51 on Element 455