



Balanced Voltage Drop Report  
Source: LEBANON

Summary

Database: S:\OPERATIONS\2022-25 WORK PLAN FILES\DATABASE\22-25WP EXISTING SYSTEM 2025 LOADING.WM\  
Title:  
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Units Displayed In Volts  
-Base Voltage:120.0-

Element Name	Parent Name	Type/ Cnf   Conductor	Pri  kV	Base  Volt	Element  Drop	Accum  Drop	Thru  Amps	%  Cap	Thru  KW	%  KVAR	kW  PF	%  Loss	%  Loss	mi  Src	Length  (mi)	Element  KW  KVAR	Cons  On	Cons  Thru
LEBANON		ABC LEBANON	15.12Y	126.0	0.00	0.00	512.33	0	22390	6224	96	0.00	0.0			0	0	3000
C REG40007	PC-3793	ABC 466KVA-12K	15.12Y	126.0	0.00	0.00	512.33	83	22390	6222	96	percent Boost= 0.00 Tap= 0.0				0	0	3000
C PC-123	REG40007	ABC 040-4/0 AC	15.12Y	126.0	0.01	0.01	272.52	80	11670	4078	94	0.94	0.0	0.014	0.009	0	0	1874
C PC-2764	PC-123	ABC 040-4/0 AC	15.12Y	126.0	0.03	0.04	272.52	80	11669	4076	94	1.73	0.0	0.031	0.017	0	0	1874
C PC-296198	PC-2764	ABC 040-4/0 AC	15.11Y	126.0	0.00	0.05	272.52	80	11667	4073	94	0.27	0.0	0.034	0.003	0	0	1874
C PC-441092	07-02	ABC 1/0AAAAC	15.11Y	125.9	0.05	0.09	272.52	114	11667	4073	94	3.87	0.0	0.054	0.020	0	0	1874
C PC-415255	PC-441092	ABC 1/0AAAAC	15.09Y	125.8	0.12	0.22	272.52	114	11663	4070	94	9.96	0.1	0.105	0.051	0	0	1874
C PC-441094	PC-415255	ABC 1/0AAAAC	15.08Y	125.7	0.10	0.32	272.52	114	11653	4062	94	8.41	0.1	0.148	0.043	0	0	1874
C PC-441093	PC-441094	ABC 1/0AAAAC	15.07Y	125.6	0.13	0.45	272.52	114	11644	4055	94	10.12	0.1	0.199	0.052	0	0	1874
C PC-415256	PC-441093	ABC 1/0AAAAC	15.06Y	125.5	0.01	0.46	272.53	114	11634	4047	94	1.11	0.0	0.205	0.006	0	0	1874
C PC-441095	SW217-B	ABC 1/0AAAAC	15.05Y	125.4	0.13	0.59	272.53	114	11633	4046	94	10.60	0.1	0.259	0.054	0	0	1874
C PC-441096	PC-441095	ABC 1/0AAAAC	15.01Y	125.1	0.30	0.90	272.53	114	11622	4037	94	24.54	0.2	0.385	0.125	0	0	1874
C PC-441097	PC-441096	ABC 1/0AAAAC	14.97Y	124.7	0.37	1.26	272.53	114	11598	4017	94	29.46	0.3	0.535	0.151	0	0	1874
C PC-870	PC-441097	ABC 1/0AAAAC	14.92Y	124.3	0.40	1.66	272.54	114	11568	3993	95	32.17	0.3	0.700	0.164	0	0	1874
C PC-441099	PC-870	ABC 1/0AAAAC	14.90Y	124.2	0.18	1.85	272.54	114	11536	3967	95	14.88	0.1	0.776	0.076	0	0	1874
C PC-441100	PC-441099	ABC 1/0AAAAC	14.89Y	124.1	0.03	1.88	272.54	114	11521	3954	95	2.62	0.0	0.789	0.013	0	0	1874
C PC-441098	PC-441100	ABC 1/0AAAAC	14.85Y	123.7	0.39	2.27	272.54	114	11519	3952	95	31.62	0.3	0.951	0.162	0	0	1874
C R204-205-206	PC-179717	ABC REC-100-V4	14.84Y	123.7	0.00	2.33	164.13	164	7133	1586	98	0.00	0.0	1.017	0.162	0	0	893
C R180-311-335	PC-296202	ABC REC-70-E	14.52Y	121.0	0.00	4.99	53.81	77	2292	491	98	0.00	0.0	5.030	0.162	0	0	251
C R487	PC-67174	C REC-50-V4E	14.37Y	119.8	0.00	6.22	43.93	88	617	135	98	0.00	0.0	8.618	0.162	0	0	74
C 53266	PC-280435	C Transforme	7.05Y	117.5	1.72	8.55	27.99	121	390	92	97	3.00	0.8	10.237	0.162	0	0	47
C R66	PC-280436	C REC-50-H	7.05Y	117.4	0.00	8.56	55.99	112	387	79	98	0.00	0.0	10.251	0.162	0	0	47
C F8566	PC-451611	C FUS-15-T	6.98Y	116.4	0.00	9.62	13.12	87	90	17	98	0.00	0.0	11.031	0.162	0	0	12
C 53158	PC-70766	C Transforme	7.08Y	118.0	1.80	8.00	29.82	129	418	95	98	3.40	0.8	8.313	0.162	0	0	41
C R321	PC-70756	C REC-50-H	7.06Y	117.7	0.00	8.25	58.57	117	406	78	98	0.00	0.0	8.408	0.162	0	0	40
C F8094	PC-445213	C FUS-15-T	7.00Y	116.6	0.00	9.41	16.82	111	116	22	98	0.00	0.0	8.976	0.162	0	0	9
C 53204	PC-296225	A Transforme	7.05Y	117.4	2.36	8.56	38.02	164	531	131	97	5.52	1.0	8.265	0.162	0	0	59
C F8643	PC-452239	A FUS-10-T	6.91Y	115.2	0.00	10.81	7.31	76	50	9	98	0.00	0.0	9.962	0.162	0	0	4
C 53154	PC-296215	ABC Transforme	7.12Y	118.7	2.37	7.25	38.23	165	1619	398	97	16.77	1.0	4.848	0.162	0	0	219
C R19-20-21	PC-67149	ABC REC-70-L	7.12Y	118.7	0.00	7.33	76.18	109	1595	322	98	0.00	0.0	4.910	0.162	0	0	215
C R164	PC-137134	B REC-35-E	7.01Y	116.8	0.00	9.18	54.64	156	376	74	98	0.00	0.0	6.420	0.162	0	0	41
L PC-122928	PC-122927	C 4ACSR	6.84Y	114.0	0.00	12.00	1.81	1	12	2	99	0.00	0.0	10.725	0.046	0	0	2
L 12946009	PC-122928	C Consumer	6.84Y	114.0	0.00	12.00	1.25	0	8	2	97	0.00	0.0	10.725	0.046	9	2	1
L 12946002	PC-122928	C Consumer	6.84Y	114.0	0.00	12.00	0.00	0	0	0	100	0.00	0.0	10.725	0.046	0	0	0
L 12946008	PC-122928	C Consumer	6.84Y	114.0	0.00	12.00	0.56	0	4	1	97	0.00	0.0	10.725	0.046	4	1	1
L PC-290269	PC-122928	C 4ACSR	6.84Y	114.0	0.00	12.00	-0.00	0	0	0	100	0.00	0.0	10.830	0.105	0	0	0
L 12946001	PC-290269	C Consumer	6.84Y	114.0	0.00	12.00	0.00	0	0	0	100	0.00	0.0	10.830	0.105	0	0	0
L PC-17979	PC-10740	C 4ACSR	6.84Y	114.0	0.02	12.00	4.56	3	31	6	98	0.01	0.0	10.527	0.124	0	0	2
L 12946006	PC-17979	C Consumer	6.84Y	114.0	0.00	12.00	2.15	0	14	3	98	0.00	0.0	10.527	0.124	15	3	1
L 12946005	PC-17979	C Consumer	6.84Y	114.0	0.00	12.00	2.41	0	16	3	98	0.00	0.0	10.527	0.124	17	3	1
C R175	PC-312022	B REC-35-H	6.93Y	115.6	0.00	10.43	45.90	131	313	60	98	0.00	0.0	8.252	0.124	0	0	49
C F6667	PC-366116	B FUS-12-T	6.90Y	115.0	0.00	10.98	10.05	82	68	13	98	0.00	0.0	9.080	0.124	0	0	7
C R299	PC-307152	B REC-35-E	14.46Y	120.5	0.00	5.53	31.53	90	449	81	98	0.00	0.0	7.533	0.124	0	0	57
C F7399	PC-427548	B FUS-15-T	14.55Y	121.3	0.00	4.74	11.98	79	140	104	80	0.00	0.0	3.753	0.124	0	0	28
C PC-16628	PC-420990	ABC 2ACSR	14.98Y	124.8	0.20	1.20	209.34	116	9286	1582	99	13.64	0.1	1.557	0.074	0	0	1004
C PC-255588	PC-16628	ABC 2ACSR	14.97Y	124.7	0.09	1.29	208.53	116	9236	1567	99	5.99	0.1	1.590	0.033	0	0	1001
C PC-16629	PC-255588	ABC 2ACSR	14.95Y	124.6	0.10	1.39	208.07	116	9210	1560	99	6.83	0.1	1.627	0.037	0	0	998
C PC-16630	PC-16629	ABC 2ACSR	14.94Y	124.5	0.07	1.46	207.82	115	9192	1553	99	4.97	0.1	1.654	0.027	0	0	997
C PC-16631	PC-16630	ABC 2ACSR	14.93Y	124.4	0.09	1.55	207.25	115	9162	1546	99	6.12	0.1	1.688	0.034	0	0	995
C PC-16659	PC-16631	ABC 2ACSR	14.93Y	124.4	0.05	1.60	207.00	115	9145	1540	99	3.37	0.0	1.706	0.019	0	0	993
C PC-16660	PC-16659	ABC 2ACSR	14.91Y	124.3	0.15	1.75	206.34	115	9113	1532	99	9.96	0.1	1.762	0.055	0	0	990
C PC-16657	PC-16660	ABC 2ACSR	14.90Y	124.2	0.07	1.82	169.73	94	7499	1189	99	4.08	0.1	1.795	0.034	0	0	859
C PC-16658	PC-16657	ABC 2ACSR	14.90Y	124.1	0.04	1.86	168.97	94	7461	1180	99	2.08	0.0	1.812	0.017	0	0	857

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