

Lebanon Utilities																
Transformer and Circuit Load Report																
2015 July Summer Peak Load & 2015 Winter Peak Load (in Yellow)																
Substation	Transformer Peak Demand (KVA)	Transformer Capacity (KVA)				Circuit No.	Circuit Identifier	A Ph	B Ph	C Ph	Ave Peak Load	Limiting Equipment	Ampacity	Circuit % Utilized	Substation Relay Setting	
		Rated Name Plate	Normal	Emerg	Transformer 'Normal' % Utilized											
Central	5,579	20,000	26,700	33,300	21%	1271	North	6	16	11	11	336 ACSR	520	2	560	
	7,100				27%			10	23	18	17			3		
						1272	East	103	110	93	102	336 ACSR	520	20		
								353	281	334	323			62		
						1273	West	37	42	42	40	336 ACSR	520	8		
								29	42	42	38			7		
						1274	South	126	178	207	170	336 ACSR	520	33		
								10	23	18	17			3		
						1275	S. East	67	20	52	46	336 ACSR	520	9		
								0	0	0	0			0		
Enterprise	9,657	15,440	17,920	22,000	54%	1211	Time Warner	148	155	156	153	336 ACSR	520	29	560	
	8,155				46%			144	150	146	147			28		
						1215	KFC	41	51	40	44	4/0	357	12		
								218	241	226	228			64		
						1217	Ultra Violet	273	277	266	272	4/0	357	76		
								199	209	196	201			56		
Lau	5,577	7,500	9,375	9,375	59%	1241	Middle School	96	122	131	116	336 ACSR	520	22	560	
	5,658				60%			244	277	260	260			50		
						1242	Flying J	118	149	207	158	336 ACSR	520	30		
								0	0	0	0			0		
						1243	Perry Worth	72	87	85	81	336 ACSR	520	16		
								109	109	90	103			20		

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		Rated Name Plate	Normal	Emerg	Transformer 'Normal' % Utilized											
North																
North Bank	9,004	12,000	16,000	20,000	56%	1261	Park Place	173	243	165	194	336 ACSR	520	37	560	
	8,964				56%			168	206	152	175			34		
						1262	Trot Wood	134	98	124	119	4/0	357	33		
								143	87	102	111			31		
						1263	Countryside	123	124	132	126	336 ACSR	520	24		
								162	130	126	139			27		
South Bank	4,339	12,000	16,000	20,000	27%	1232	Hospital	151	118	79	116	336 ACSR	520	22	560	
	4,257				27%			154	153	172	160			31		
						1233	Walmart	85	96	86	89	336 ACSR	520	17		
								53	63	59	58			11		
West	8,687	20,000	26,700	33,300	33%	1251	Harney	179	129	251	186	4/0	357	52	560	
	10,400				39%			243	160	282	228			64		
						1252	Shumate	135	99	87	107	4/0	357	30		
								203	131	154	163			46		
						1253	White Castle	140	120	108	123	336 ACSR	520	24		
								129	131	123	128			25		
Totals	42,843	86,940	112,695	137,975	38%	1254	Water Plant	63	54	52	56	#2	184	31		
	44,534				40%			123	117	95	112			61		
NA=not available at this time					Peak/Normal Limit											