

1Ø Distribution Transformer Change Out Loading								
KVA	Summer KVA				Winter KVA			
	Pole Mount		Pad Mount		Pole Mount		Pad Mount	
	24 hours*	Immediately**	24 hours*	Immediately**	24 hours*	Immediately**	24 hours*	Immediately**
10	14 to 17	18	16 to 18	19	15 to 19	20	19 to 20	21
15	19 to 24	25	22 to 25	26	22 to 26	27	26 to 29	30
25	32 to 38	39	34 to 37	38	36 to 44	45	38 to 43	44
37.5	49 to 62	63	59 to 65	66	57 to 71	72	66 to 72	73
50	65 to 80	81	75 to 84	85	76 to 91	92	84 to 95	96
75	98 to 113	114	109 to 116	117	114 to 130	131	123 to 130	131
100	134 to 144	145	139 to 151	152	151 to 167	168	156 to 168	169
167	214 to 233	234	227 to 240	241	248 to 273	274	253 to 268	269
250	318 to 338	339	347 to 357	358	372 to 395	396	387 to 397	398
333	433 to 457	458			506 to 532	533		
500	646 to 696	697			755 to 810	811		

3Ø Pad Mount Distribution Transformer Change Out Loading				
KVA	Summer KVA		Winter KVA	
	24 hours*	Immediately**	24 hours*	Immediately**
75	124	125	137	138
150	233	234	258	259
225	356	357	396	397
300	462	463	510	511
500	740	741	820	821
750	1155	1156	1283	1284
1000	1510	1511	1670	1671
1500	2220	2221	2445	2446
2000	3060	3061	3380	3381
2500	3675	3676	4075	4076
3000	4350	4351	4800	4801

Assumed Ambient Temperatures			
Summer		Winter	
Normal	Emergency	Normal	Emergency
30° C	30° C	0° C	10° C

* Transformer should be replaced within the next 24 hours during regular working periods.

** Transformer should be replaced immediately.

When a transformer is replaced due to overload, the replacement should be sized based on measured peak and any additional future load requirements.

The replacement should not be sized less than the measured peak load.

LG&E IIN	Item Description
529519	TRANSFORMER,OVHD,10KVA,13800V,120/240V W/TAPS,1 PHASE,
529527	TRANSFORMER,OVHD,15KVA,13800V,120/240V, W/TAPS,1 PHASE,
529535	TRANSFORMER,OVHD,25KVA,13800V,120/240V, W/TAPS,1 PHASE,
529543	TRANSFORMER,OVHD,50KVA,13800V,120/240V, W/TAPS,1 PHASE,
529551	TRANSFORMER,OVHD,75KVA,13800V,120/240V, W/TAPS,1 PHASE,
529560	TRANSFORMER,OVHD,100KVA,13800V,120/240V, W/TAPS,1 PHASE,
529578	TRANSFORMER,OVHD,167KVA,13800,120/240V, W/TAPS,1 PHASE,
529586	TRANSFORMER,OVHD,250KVA,13800V,120/240V, W/TAPS,1 PHASE,
529594	TRANSFORMER,OVHD,25KVA,13800V,240/480V, W/TAPS,1 PHASE,
529601	TRANSFORMER,OVHD,50KVA,13800V,240/480V, W/TAPS,1 PHASE,
529619	TRANSFORMER,OVHD,75KVA,13800V,240/480V, W/TAPS,1 PHASE,
529627	TRANSFORMER,OVHD,100KVA,13800V,240/480V, W/TAPS,1 PHASE,
529635	TRANSFORMER,OVHD,167KVA,13800V,240/480V, W/TAPS,1 PHASE,
529643	TRANSFORMER,OVHD,250KVA,13800V,240/480V, W/TAPS,1 PHASE,
529651	TRANSFORMER,OVHD,333KVA,13800V,240/480V, W/TAPS,1 PHASE,
529660	TRANSFORMER,OVHD,500KVA,13800V,240/480V, W/TAPS,1 PHASE,
529851	TRANSFORMER,PADMT,300KVA,13800-120/208V, 3 PHASE,
529860	TRANSFORMER,PADMT,500KVA,13800-120/208V, 3 PHASE,
529878	TRANSFORMER,PADMT,750KVA,13800-120/208V, 3 PHASE,
529886	TRANSFORMER,PADMT,1000KVA,13800-120/208V 3 PHASE,
529894	TRANSFORMER,PADMT,300KVA,13800-277/480V, 3 PHASE,
529901	TRANSFORMER,PADMT,500KVA,13800-277/480V, 3 PHASE,
529919	TRANSFORMER,PADMT,750KVA,13800-277/480V, 3 PHASE,
529927	TRANSFORMER,PADMT,1000KVA,13800-277/480V 3 PHASE,
529935	TRANSFORMER,PADMT,1500KVA,13800-277/480V 3 PHASE,
529943	TRANSFORMER,PADMT,2000KVA,13800-277/480V 3 PHASE,
529951	TRANSFORMER,PADMT,2500KVA,13800-277/480V 3 PHASE,
908386	TRANSFORMER,PADMOUNT,3 PH,3000 KVA,13.8KV-480Y/277V
930060	TRANSFORMER,SUBMERSIBLE,3PH,300KVA,13800,208Y/120,60HZ,
930078	TRANSFORMER,SUBMERSIBLE,3PH,500KVA,13800,208Y/120,60HZ,
930086	TRANSFORMER,SUBMERSIBLE,3PH,75KVA,13800,480Y/277,60HZ,
930094	TRANSFORMER,SUBMERSIBLE,3PH,300KVA,13800,480Y/277,60HZ,
930101	TRANSFORMER,SUBMERSIBLE,3PH,750KVA,13800,480Y/277,60HZ,
937543	TRANSFORMER,SUBGRADE,100KVA,SINGLE PHASE,SUBSURFACE,4160 GRDY-2400X12470,GRDY-7200 60X95BILXLV 240/120
937551	TRANSFORMER,SUBGRADE,50KVA,SINGLE PHASE,SUBSURFACE,4160 GRDY-2400X12470,GRDY-7200 60X95BILXLV 240/120
940178	TRANSFORMER,PADMOUNT,150KVA,13800-120/208V,3 PHASE,REFER TO LGE SPECS
940186	TRANSFORMER,PADMOUNT,150KVA,13800-277/480V,3 PHASE,REFER TO LGE SPECS
1066219	TRANSFORMER,OH,1PH,15KVA,2400V,240/480 VOLT RATED
1073119	TRANSFORMER,NTW,3PH,500KVA,13800V,125/216 VOLT,60HZ,
1073127	TRANSFORMER,NTW,3PH,750KVA,13800V,125/216 VOLT,60HZ,
1073135	TRANSFORMER,NTW,3PH,1000KVA,13800V,125/ 216 VOLT,60HZ,
1073186	TRANSFORMER,NTW,3PH,750KVA,13800V,277/480 VOLT,60 HZ,
1073194	TRANSFORMER,NTW,3PH,1000KVA,13800V,277/480 VOLT,60 HZ,
1073201	TRANSFORMER,NTW,3PH,1500KVA,13800V,277/480 VOLT,60 HZ,
1074278	TRANSFORMER,NTW,3PH,2000KVA,13800V,277/480 VOLT,60HZ,
3001263	TRANSFORMER,POLE TYPE, 1PH,1 KVA,7.2 KV-120V,1 BUSHING WITH INTERNAL FUSE
3005392	TRANSFORMER,SUBGRADE,15KVA,SINGLE PHASE,SUBSURFACE,13800,125BIL, LV 240/120
3011496	TRANSFORMER,SUBMERSIBLE PADMOUNT,3PH,225KVA,13800,208Y/120,60HZ
3011499	TRANSFORMER,SUBMERSIBLE,3PH,750KVA,13800,208Y/120,60HZ,
3011502	TRANSFORMER,SUBMERSIBLE PADMOUNT,3PH,500KVA,13800,480Y/277,60HZ,
3014588	TRANSFORMER,OVHD,1PH,100KVA,13800V DELTA,2400/4160Y,
3014902	TRANSFORMER,POLE TYPE, 1PH,3 KVA,13.8 KV-120V,2 BUSHING WITH INTERNAL FUSE
7001461	TRANSFORMER,POLE TYPE,1 PH,15KVA,7.2KV-120/240V,2 BUSHING,
7001462	TRANSFORMER,POLE TYPE,1 PH,25KVA,7.2KV-120/240V, 2 BUSHING,
7001463	TRANSFORMER,POLE TYPE,1 PH,37KVA,7.2KV-120/240V,2 BUSHING,

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7001464	TRANSFORMER,POLE TYPE,1 PH,50KVA,7.2KV-120/240V,2 BUSHING,
7001465	TRANSFORMER,POLE TYPE,1 PH,75KVA,7.2KV-120/240V,2 BUSHING,
7001466	TRANSFORMER,POLE TYPE,1 PH,100KVA,7.2KV-120/240V,2 BUSHING,
7001467	TRANSFORMER,POLE TYPE,1 PH,167KVA,7.2KV-120/240V,2 BUSHING,
7001468	TRANSFORMER,POLE TYPE,1 PH,250KVA,7.2KV-120/240V,2 BUSHING,
7001476	TRANSFORMER,POLE TYPE,1 PH,10KVA,7.2KV-240/480V,2 BUSHING,
7001477	TRANSFORMER,POLE TYPE,1 PH,15KVA,7.2KV-240/480V,2 BUSHING,
7001478	TRANSFORMER,POLE TYPE,1 PH,25KVA,7.2KV-240/480V,2 BUSHING,WITH TAPS,
7001479	TRANSFORMER,POLE TYPE,1 PH,37KVA,7.2KV-240/480V,2 BUSHING,
7001480	TRANSFORMER,POLE TYPE,1 PH,50KVA,7.2KV-240/480V,2 BUSHING,
7001481	TRANSFORMER,POLE TYPE,1 PH,75KVA,7.2KV-240/480V,2 BUSHING,
7001482	TRANSFORMER,POLE TYPE,1 PH,100KVA,7.2KV-240/480V,2 BUSHING,
7001483	TRANSFORMER,POLE TYPE,1 PH,167KVA,7.2KV-240/480V,2 BUSHING,
7001484	TRANSFORMER,POLE TYPE,1 PH,250KVA,7.2KV-240/480V,2 BUSHING,
7001485	TRANSFORMER,POLE TYPE,1 PH,333KVA,7.2KV-240/480V,2 BUSHING,
7001486	TRANSFORMER,POLE TYPE,1 PH,500KVA,7.2KV-240/480V,2 BUSHING,
7001506	TRANSFORMER,POLE TYPE,1 PH,10KVA,2.4X7.2KV-120/240V, 2 BUSHING
7001507	TRANSFORMER,POLE TYPE,1 PH,15KVA,2.4X7.2KV-120/240V, 2 BUSHING
7001508	TRANSFORMER,POLE TYPE,1 PH,25KVA,2.4X7.2KV-120/240V,2 BUSHING
7001509	TRANSFORMER,POLE TYPE,1 PH,37KVA,2.4X7.2KV-120/240V,2 BUSHING
7001510	TRANSFORMER,POLE TYPE,1 PH,50KVA,2.4X7.2KV-120/240V,2 BUSHING
7001511	TRANSFORMER,POLE TYPE,1 PH,75KVA,2.4X7.2KV-120/240V,2 BUSHING
7001512	TRANSFORMER,POLE TYPE,1 PH,100KVA,2.4X7.2KV-120/240V,2 BUSHING
7001523	TRANSFORMER,POLE TYPE,1 PH,15KVA,2.4X7.2KV-240/480V, 2 BUSHING
7001524	TRANSFORMER,POLE TYPE,1 PH,25KVA,2.4X7.2KV-240/480V, 2 BUSHING
7001525	TRANSFORMER,POLE TYPE,1 PH,37KVA,2.4X7.2KV-240/480V,2 BUSHING
7001526	TRANSFORMER,POLE TYPE,1 PH,50KVA,2.4X7.2KV-240/480V,2 BUSHING
7001527	TRANSFORMER,POLE TYPE,1 PH,75KVA,2.4X7.2KV-240/480V,2 BUSHING
7001528	TRANSFORMER,POLE TYPE,1 PH,100KVA,2.4X7.2KV-240/480V,2 BUSHING
7001608	TRANSFORMER,PADMOUNT,1 PH,25KVA,7.2KV-240/120V,
7001609	TRANSFORMER,PADMOUNT,1 PH,37KVA,7.2KV-240/120V,
7001610	TRANSFORMER,PADMOUNT,1 PH,50KVA,7.2KV-240/120V
7001611	TRANSFORMER,PADMOUNT,1 PH,75KVA,7.2KV-240/120V,
7001612	TRANSFORMER,PADMOUNT,1 PH,100 KVA,7.2KV-240/120V,
7001613	TRANSFORMER,PADMOUNT,1 PH,167KVA,7.2KV-240/120V,
7001617	TRANSFORMER,PADMOUNT,1 PH,25KVA,2.4X7.2KV-240/120V,
7001618	TRANSFORMER,PADMOUNT,1 PH,37KVA,2.4X7.2KV-240/120V,
7001619	TRANSFORMER,PADMOUNT,1 PH,50KVA,2.4X7.2 KV-240/120V,
7001620	TRANSFORMER,PADMOUNT,1 PH,75KVA,2.4X7.2KV-240/120V,
7001621	TRANSFORMER,PADMOUNT,1 PH,100 KVA,2.4X7.2KV-240/120V,
7001622	TRANSFORMER,PADMOUNT,1 PH,167 KVA,2.4X7.2KV-240/120V
7001623	TRANSFORMER,PADMOUNT,1 PH, 250 KVA 2.4X7.2KV-240/120V,
7001635	TRANSFORMER,PADMOUNT,3 PH,75KVA,12.47KV-208Y/120V,
7001637	TRANSFORMER,PADMOUNT,3 PH,150KVA,12.47KV-208Y/120V
7001638	TRANSFORMER,PADMOUNT,3 PH,225KVA,12.47KV-208Y/120V,
7001639	TRANSFORMER,PADMOUNT,3 PH,300KVA,12.47KV-208Y/120V,
7001640	TRANSFORMER,PADMOUNT,3 PH,500KVA,12.47KV-208Y/120V,
7001641	TRANSFORMER,PADMOUNT,3 PH,750KVA,12.47KV-208Y/120V,
7001642	TRANSFORMER,PADMOUNT,3 PH,1000KVA,12.47KV-208Y/120V
7001644	TRANSFORMER,PADMOUNT,3 PH,75KVA,12.47KV-480Y/277V,
7001646	TRANSFORMER,PADMOUNT,3 PH,150KVA,12.47KV-480Y/277V,
7001647	TRANSFORMER,PADMOUNT,3 PH,225KVA,12.47KV-480Y/277V,
7001648	TRANSFORMER,PADMOUNT,3 PH,300KVA,12.47KV-480Y/277V,
7001649	TRANSFORMER,PADMOUNT,3 PH,500KVA,12.47KV-480Y/277V,
7001650	TRANSFORMER,PADMOUNT,3 PH,750KVA,12.47KV-480Y/277V,

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7001651	TRANSFORMER,PADMOUNT,3 PH,1000KVA,12.47KV-480Y/277V,
7001662	TRANSFORMER,PADMOUNT,3 PH,75KVA,4.16X12.47KV- 208Y/120,
7001664	TRANSFORMER,PADMOUNT,3 PH,150KVA,4.16X12.47KV- 208Y/120
7001666	TRANSFORMER,PADMOUNT,3 PH,300 KVA,4.16X12.47KV-208Y/120,
7001671	TRANSFORMER,PADMOUNT,3 PH,75KVA,4.16X12.47KV-480Y/277,
7001675	TRANSFORMER,PADMOUNT,3 PH, 300 KVA,4.16X12.47KV-480Y/277,
7001770	TRANSFORMER,PADMOUNT,3 PH,1500KVA,12.47KV 480Y/277V,
7001771	TRANSFORMER,PADMOUNT,3 PH,2000KVA,12.47KV- 480Y/277V,
7001772	TRANSFORMER,PADMOUNT,3 PH,2500KVA,12.47KV- 480Y/277V,
7001773	TRANSFORMER,PADMOUNT,3 PH,3000KVA,12.47KV- 480Y/277V,