

Panel	Voltage	TCL (KW)	Demand I (A)	Req	Sized	OK?
1LEL1	208/120V	19.8	55	#6	1/0	✓
1PEH1	480/277V	39	48	#8	1/0	✓
1LSH3	480/277V	8.1	13	#14	1/0	✓
1LSH2	480/277V	9.6	16	#14	#6	✓
1LSH1	480/277V	21.4	36	#8	#6	✓
1LNL5	208/120V	58	109	#2	4/0	✓
1LNL4	208/120V	55.2	100	#3	4/0	✓
1LNL3	208/120V	96	170	2/0	4/0	✓
1LNL2	208/120V	86.3	153	2/0	4/0	✓
1L1L1	208/120V	88.8	227	4/0	4/0*	✓
1LNH3	480/277V	92.9	155	2/0	4/0	✓
1LNH2	480/277V	19.4	32	#8	4/0	✓
1LNH1	480/277V	42.2	71	#4	4/0	✓
RPNH3	480/277V	720	885	Parallel	350 KCMils**	✓
PRNH2	480/277V	666.9	820	Parallel	350 KCMils**	✓
RPNH1	480/277V	442.5	544	1000 KCMils	300 KCMils**	✓
2PSH1	480/277V	22.4	33	#8	1/0	✓
2PNL1	208/120V	113.5	223	4/0	3/0***	✓
2PNH1	480/277V	152.6	188	3/0	3/0***	✓
2PEH2	480/277V	43.5	53	#6	1/0	✓
2PEH1	480/277V	65.4	85	#3	1/0	✓
2LSL1	208/120V	2.5	6	#14	#8	✓
2LNL2	208/120V	3	5	#14	4/0	✓
2LNL1	208/120V	139	248	250 KCMils	4/0	✓
2LNH1	480/277V	50	84	#4	4/0	✓
2LEL1	208/120V	7.6	16	#14	#6	✓
1PNH2	480/277V	99.9	123	#1	4/0	✓
1PNH1	480/277V	160	197	3/0	3/0***	✓

General Note: Calculations include the following demand factors: Lighting = 1.0; Receptacles = 0.5; Motors/Other = 0.8. Additionally, 25% of each panel

*** Note: This panel has 2 sections and the sized cabling is for a fraction of the specified load. All sizings have been determined adequate.**

**** Note: 4 sets**

***** Note: 2 sets**
