

Panel	Voltage	TCL (KW)
1LEL1	208/120V	19.8
1LNL5	208/120V	58
1LNL4	208/120V	55.2
1LNL3	208/120V	96
1LNL2	208/120V	86.3
1L1L1	208/120V	88.8
2PNL1	208/120V	113.5
2LSL1	208/120V	2.5
2LNL2	208/120V	3
2LNL1	208/120V	139.7
2LEL1	208/120V	7.6
Total Connected Load:		669.7
Total Connected Amps:		1858.9

**General Note: Calculations include the following demand factors: Lighting = 1.0; Receptacles = 0.5; Motors/Other = 0.8. Additionally, 25% of each panel has been factored in for future growth.**

$$P = 1.7321 * I \text{ (line)} * V \text{ (line)}$$

$$1858.9 < 2500 \checkmark \text{ OK}$$

Panel	Voltage	TCL (KW)
1PEH1	480/277V	39
1LSH3	480/277V	8.1
1LSH2	480/277V	9.6
1LSH1	480/277V	21.4
1LNH3	480/277V	92.9
1LNH2	480/277V	19.4
1LNH1	480/277V	42.2
RPNH3	480/277V	720
PRNH2	480/277V	666.9
RPNH1	480/277V	442.5
2PSH1	480/277V	22.4
2PNH1	480/277V	152.6
2PEH2	480/277V	43.5
2PEH1	480/277V	65.4
2LNH1	480/277V	50
1PNH2	480/277V	99.9
1PNH1	480/277V	160
Total Connected Load:		2355.8
Total Connected Amps:		2833.6

$$2833.6 < 3000 \checkmark \text{ OK}$$