



2574 Southeast Country Club Road
Lake City FL 32025

Beddy
EC13008384



Prepared by:

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Load calculation for:

2574 Southeast Country Club Road
Lake City FL, 32025



General load	Count	VA	Total
General lighting load	2,160 ft ²	3 VA	6,480 VA
Added square footage	0 ft ²	3 VA	0 VA
Small appliance circuits	2	1,500 VA	3,000 VA
Laundry circuits	1	1,500 VA	1,500 VA

Heating load	Count	VA	Total
Heat pump / Furnace - 6,000 W (25A at 240V)	1	6,000 VA	6,000 VA
Cooling load	Count	VA	Total
Air conditioner - 4,000 W (16.7A at 240V)	1	4,000 VA	4,000 VA
Air conditioner load shedding - -4,000 W (-16.7A at 240V)	1	-4,000 VA	-4,000 VA

Other load	Count	VA	Total
Dishwasher - 900 W (7.5A at 120V)	1	900 VA	900 VA
Dryer - 5,000 W (20.8A at 240V)	1	5,000 VA	5,000 VA
Microwave - 1,500 W (12.5A at 120V)	1	1,500 VA	1,500 VA
Range / Oven - Electric - 8,000 W (33.3A at 240V)	1	8,000 VA	8,000 VA
Refrigerator - 1,200 W (10A at 120V)	1	1,200 VA	1,200 VA
Water heater - Electric - 4,500 W (18.8A at 240V)	1	4,500 VA	4,500 VA

Final calculation

First 10,000 VA at 100%	10,000 VA
Remaining load at 40%	8,832 VA
HVAC load	6,000 VA
Total calculated load	24,832 VA

Calculated amperage (load / 240V)

103 A

Load Calculation to comply with NFPA 70 NEC 2020 Articles 220.82 & 220.83