



GenSizer™

Load Calculations Engineered Exclusively for:

Customer Name: Sturtevant

All load demands and calculations performed IAW NEC 2008 Article 220.

GenSizer™ requires Internet Explorer 8.0 or higher.

Load Calculation

Enter Total Square Footage of Residence:

2200

Square Footage @ 3 Watts Per FT2

6,600

Managed?

Enter All Appliances, Motors, and Low Power Factor Loads:

Load



2 SMALL APPLIANCE & 1 LAUNDRY RECEPTACLE

4,500



DRYER (GAS)

700



COOKTOP (GAS)

240



WATER HEATER (GAS)

300



DISHWASHER/DISPOSAL

1,680



REFRIGERATOR

1,200



PUMP - 1/2 HP

575



POOL HEATER (GAS)

200



Add an Appliance

Appliances & Other Loads

9,395

Total Load From Steps 1 & 2 :

15,995

1st 10KW @ 100% Demand :

10,000

Remainder @ 40% Demand :

2,398

Total General Load:

12,398

Managed?

System #

Cooling

Load

Heating

Load



System1

5 TON

5,855

10KW HEAT STRIP

10,000



System2

MINI SPLIT AC - 12,000 BTU/HR

1,300

Select Heating



Add

SUBTOTAL COOLING:

7,155

SUBTOTAL HEATING:

10,000

Discounted Load:

6,500

Air Conditioning & Heating

7,155

TOTALS

Total Calculated Load:

Watts:

19,553

Amps:

81.47

Load Management Summary:

Total Managed Load:

4,500

(At 100% of Load Value)

Total Generator Load:

17,753

(Load on generator with discounted managed load values removed from total load)