

YOUR COMPANY

ELECTRICAL FEEDER CALCULATION

JOB:
 DATE:

LIGHTING LOAD:

Basement Area	<input type="text"/>	SF
First Floor Area	<input type="text"/>	SF
Second Floor Area	<input type="text"/>	SF
Total Area	0	SF
NEC Table 220.12	x 3	VA
Total Lighting Load	0	VA
		0 Amps

SMALL APPLIANCE LOAD:

Number of Circuits	<input type="text"/>	
NEC 220.53	1500	VA
Total Small Appliance Load	0	VA
		0 Amps

LAUNDRY LOAD:

Number of Circuits	<input type="text"/>	
NEC 220.52(B)	1500	VA
Total Laundry Load	0	VA
		0 Amps

Total Lighting, Small Appliance,
 Laundry Loads: 0 VA

Adjusted Lighting Loads: 1950 VA
NEC Table 220.42

APPLIANCE LOAD:

	Default VA	Qty	Ext
Electric Range	12100	<input type="text"/>	0
Electric Water Heater	5000	<input type="text"/>	0
Electric Clothes Dryer	5600	<input type="text"/>	0
Electric Cooktop	5000	<input type="text"/>	0
Electric Wall Oven	7200	<input type="text"/>	0
Freezer	3600	<input type="text"/>	0
Dishwasher/Disposal	3600	<input type="text"/>	0
Gas Furnace Motor	1200	<input type="text"/>	0
Microwave Oven	3600	<input type="text"/>	0
Other Load		<input type="text"/>	0
Other Load		<input type="text"/>	0
Other Load		<input type="text"/>	0
Total Appliance Load			0 VA
			0 Amps

HVAC LOAD:

Lineal feet electric baseboard heater	<input type="text"/>	
Number of baseboard heater circuits	<input type="text"/>	
Total Baseboard heater load		0
Electric Furnace Load @ 40%	<input type="text"/>	0
Air Conditioner Load 10100	<input type="text"/>	0
Total HVAC Load		0 VA
		0 Amps

TOTAL OF ALL LOADS

				<u> </u> VA
First	10,000	VA at	100%	<u> </u> VA
Remaining		VA at	40%	<u> </u> VA

Adjusted Load VA

Total Load Amps (Service Rating)