



Electrical Load Calculations Form

This form is required to be submitted with the Multi-Trade Permit Application.

Electrical Contractor: _____	
Phone No.: _____	Fax No.: _____
Project: _____	Location: _____
Existing Service Feeder Size: _____	Existing Panel Size: _____
Main Breaker Size: _____	Number of Breakers: _____

Existing Loads

_____ Sq. ft. x 3 watts per sq. ft.	_____ watts
_____ Appliance cir. @ 1500 watts each	_____ watts
_____ Laundry cir. @ 1500 watts each	_____ watts
_____ Range @ 8 kw	_____ watts
_____ Dishwasher and disposal @ 1500 watts each	_____ watts
_____ Microwave @ 2000 watts	_____ watts
_____ Water heater @ 4.5 kw	_____ watts
_____ Tankless water heater	_____ watts
_____ Dryer @ 5 kw	_____ watts
_____ Refrigerator @ 1500 watts	_____ watts
_____ Bathroom 1 @ 1500 watts	_____ watts
_____ Sprinkler Pump	_____ watts
_____ Other _____	_____ watts
_____ Other _____	_____ watts
_____ Other _____	_____ watts
Sub Total _____ watts	

New Loads

_____ Pool pump	_____ watts
_____ Pool light	_____ watts
_____ Heat pump	_____ watts
_____ Chlorine generator	_____ watts
_____ Air blower	_____ watts
_____ Boatlift	_____ watts
_____ Other _____	_____ watts
_____ Other _____	_____ watts
_____ Other _____	_____ watts
Total _____ watts	
_____ First 10 kw @ 100%	_____ watts
_____ Remainder @ 40%	_____ watts
_____ A/C heat @ 100%	_____ watts

Total watts _____ **Divided by 240 volts =** _____ **Amps**

Prepared by: _____ Date: _____