LOAD CALCULATION FORM
for Single Family Dwellings with Secondary Suites
Last updated June 15, 2021

To be completed by the Electrical Contractor before an Electrical Permit can be issued

Project Address: ___________________________________________ Electrical Permit #: ____________________________

Electrician Contractor: ___________________________________________ Building Permit #: ____________________________

<table>
<thead>
<tr>
<th>Type of Service (Tick one)</th>
<th>Overhead:</th>
<th>Underground:</th>
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<tr>
<th>Size of Service (Amps, Voltage and Phase)</th>
<th>Amps:</th>
<th>Voltage:</th>
<th>Phase:</th>
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<table>
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<tr>
<th>Number of Meters, Amps and Phase</th>
<th>Number:</th>
<th>Amps:</th>
<th>Phase:</th>
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Primary Dwelling Unit Size
5000 watts for the first 90 m$^2$ W
1000 watts for each 90 m$^2$ or portion thereof in excess of 90 m$^2$ W
Any electric range (CEC 8-200(a)(iv)) W
Air conditioning (CEC 8-200(a)(iii)) W
Tankless water heater or electric pool water heater (CEC 8-200(a)(iv)) W
Electric Vehicle charging equipment (CEC 8-200(a)(vi)) W
Please list any additional loads (CEC 8-200(a)(vii)) W

Subtotal Watts W

Secondary Suite Unit Size
3500 watts for the first 45 m$^2$ W
1500 watts for the second 45 m$^2$ (or portion thereof) W
1000 watts for each 90 m$^2$ or portion thereof in excess of 90 m$^2$ W
Any electric range (CEC 8-200(a)(iv)) W
Please list any additional loads (CEC 8-200(a)(vii)) W

Subtotal Watts W

Primary Dwelling Wattage (at 100%)

Secondary Suite Wattage (at 65%)

Electric space heating loads (as permitted in CEC Section 62)
First 10000 Watts at 100% of electric base board heat (CEC Section 62)
The balance of the connected heating load at 75% (CEC Section 62)

Subtotal Watts W

Total Watts W

NOTE:
For buildings where the unit is 80m$^2$ or more:
a) 100 amps is the minimum allowed ampacity used in the calculation.
b) If the calculated loads exceeds 100 A, the calculated load must be used.

For buildings where units are less than 80m$^2$:
a) 60 amps is the minimum allowed ampacity used in the calculation.
b) If the calculated loads exceeds 60 A, the calculated load must be used.