

Load Calculation Form

Row and Town Houses

Project Address _____ Electrical Permit # _____

Electrical Contractor _____ Building Permit # _____

Type of Service (select one) Overhead Underground

Size of Service (Amps, Voltage and Phase) Amps: Voltage: Phase:

Number of Meters, Amps and Phase Number: Amps: Phase:

Number: Amps: Phase:

Largest Unit _____ **m²**

3500 watts for the first 45 m²
1500 watts for the second 45 m² or portion thereof
1000 watts for each 90 m² or portion thereof in excess of 90 m²
Any electric range (CEC 8-200(a)(iv))
Air conditioning (CEC 8-200(a)(iii))
Please list any additional loads (CEC 8-200(a)(vii))

_____ **W**

Subtotal Watts = _____ **m²**

Secondary Largest Unit

3500 watts for the first 45 m²
1500 watts for the second 45 m² (or portion thereof)
1000 watts for each 90 m² or portion thereof in excess of 90 m²
Any electric range (CEC 8-200(a)(iv))
Please list any additional loads (CEC 8-200(a)(vii))

_____ **W**

Subtotal Watts =

Third Largest Unit

3500 watts for the first 45 m²
1500 watts for the second 45 m² (or portion thereof)
1000 watts for each 90 m² or portion thereof in excess of 90 m²
Any electric range (CEC 8-200(a)(iv))
Please list any additional loads (CEC 8-200(a)(vii))

_____ **W**

Subtotal Watts =

Project Address _____ **Electrical Permit #** _____

Electrical Contractor _____ **Building Permit #** _____

Service Conductors

The minimum ampacity of the service conductors supply two or more dwellings shall be based on the following (CEC 8-202(3)(a)):

100% of the calculated load in the unit having the heaviest load	_____	W
65% of the calculated loads in the next 2 units having the same or next smallest load	_____	W
40% of the calculated loads in the next 2 units having the same or next smallest load	_____	W
25% of the calculated loads in the next 15 units having the same or next smallest load	_____	W
10% of the sum of the calculated loads in the remaining units	_____	W
Subtotal Watts	_____	W

House Loads

List all house loads at 75% (CEC 8-202(e))

_____	_____	W
_____	_____	W
_____	_____	W
_____	_____	W
Subtotal Watts	_____	W

Electric Space Heating

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

Total Watts _____ **W**

Voltage _____ **Total Amps** _____ **A**