

LOAD CALCULATION FORM for Townhouses and Row Houses

Last updated June 15, 2021

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

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 sum of the calculated loads in the next 2 units having the same or next smaller loads | _____ | W |
| 40% of the sum of the calculated loads in the next 2 units having the same or next smaller loads | _____ | W |
| 25% of the sum of the calculated loads in the next 15 units having the same or next smaller loads | _____ | W |
| 10% of the sum of the calculated loads in the remaining units | _____ | W |
| Subtotal Watts | _____ | W |

House Loads

Please list all house loads (at 75% per CEC 8-202(e))

| | |
|----------------|---------|
| _____ | 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 |
| The balance of the connected heating load at 75% (CEC Section 62) | _____ | W |
| Subtotal Watts | _____ | W |

Total Watts _____ **W**