



# City of Palm Springs

## Building & Safety Department

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### Electrical Load Calculation Sheet *CEC 220.10* Single Family Dwelling (New or Existing)

1. OTHER LOADS: *CEC 220.14*

General lighting loads: *CEC Table 220.12*

\_\_\_\_\_ sq. ft. x 3 VA = \_\_\_\_\_ VA

Small appliance and laundry loads: *CEC 220.52*

1500 VA x \_\_\_\_\_ circuits = \_\_\_\_\_ VA

Special loads:

Dishwasher = \_\_\_\_\_ VA

Disposal = \_\_\_\_\_ VA

Compactor = \_\_\_\_\_ VA

Water heater = \_\_\_\_\_ VA

\_\_\_\_\_ = \_\_\_\_\_ VA

\_\_\_\_\_ = \_\_\_\_\_ VA

\_\_\_\_\_ = \_\_\_\_\_ VA

\_\_\_\_\_ = \_\_\_\_\_ VA

Subtotal (1) \_\_\_\_\_ VA

Applying demand factors: *CEC 220.82 (B)*

First 10,000 VA x 100% = \_\_\_\_\_ VA

Remaining \_\_\_\_\_ VA x 40% = \_\_\_\_\_ VA

Subtotal (2) \_\_\_\_\_ VA

2. HEATING OR A/C LOAD: *CEC 220.82 (C)*

Heating units (3 or less) = \_\_\_\_\_ VA x 65% = \_\_\_\_\_ VA

Heating units (4 or more) = \_\_\_\_\_ VA x 40% = \_\_\_\_\_ VA

A/C unit = VA x 100% = \_\_\_\_\_ VA

Heat Pump = VA x 100% = \_\_\_\_\_ VA

Subtotal (3) \_\_\_\_\_ VA

**Grand Total (1+2+3)** \_\_\_\_\_ VA

**Calculated Load** (Grand Total/240) \_\_\_\_\_ AMPS

**Panel Size** \_\_\_\_\_