



BUILDING DEPARTMENT

Residential Roof Mount PV Plan Requirements

Guidelines for complete submittal requirements for onsite plan check and inspection for residential roof mount photovoltaic systems.

Cover Sheet/Site Plan: Preferably on an 8 ½” by 14” sheet of paper, not required.

- Owner’s name, address and APN
- Location of PV array on the roof
- Company name, address and phone number
- Overall power output in kilowatts
- Property lines with location of house and a compass with north symbol
- Name of designer
- Code year and what book. (CRC, CEC, etc.)

Plot Plan: Preferably on an 8 ½” by 14” sheet of paper, not required.

- Location of PV array on the roof
- Fire setbacks on roof for array
- Number of PV modules and inverters
- Fire sprinklers in house (yes/no)
- Location of Inverter, disconnects, subpanels and AC main service panel

Single Line Drawing – SLD (Electrical Drawing):

Verify if the electrical drawing has the following on the drawing and matches the description of the permit:

- String Inverter or Micro-Inverters
- Subpanel
- Main service Panel: derated main breaker (yes/no)
- Battery or Energy Storage System
- Generator (Gas line and Calculations)

Label sheet:

- Verify that a label sheet is in the packet.

Equipment Data sheets:

- Verify that all data sheets are included in submittal packet.
 - *Note:** This includes Modules, Inverters, Racking, Rapid Shutdown Device, Sub-panels, Main Service Panels and any other Special Equipment