

2016 CALIFORNIA BUILDING STANDARDS CODE OF REGULATIONS TITLE 24

**PV System Checklist – System Summary Sheet 1**

PROPERTY ADDRESS/APN # \_\_\_\_\_

(Please mark all that apply)     Manufactured Home (If roof mounted, permit will be through HCD)  
 Main Residence     Second Residence     Garage/Storage     Barn     Other \_\_\_\_\_

**For all systems provide Roof Mount two sets or Ground Mount three sets of:**

- Electrical schematic diagram of system [module wiring (series/parallel), disconnects, grounding/bonding, wire, conduit type, size, and number of conductors in each section of conduit], rapid shutdown, D/C color coding. When batteries are to be installed include them in the diagram and their locations/rooms and venting.
- Site diagram (show arrangement of panels on the roof or ground, location of combiner box, inverter, utility disconnect, main service, show approximate. distance from panel to all components, dimension all setbacks to all structures and property lines).
- Equipment cut sheets including inverters, modules, wind generators, etc.
- Labeling schedule for equipment and electrical hazard per CEC sec. 690.31 and 690.56
- System KW \_\_\_\_\_
- Completed page two, the System Summary sheet.

**For Roof Mounted Systems Provide:**

- Photovoltaic systems shall be Class A listed and labeled for fire classification per UL 1703. Provide documentation demonstrating compliance.
- Identify location and method of rapid shutdown per CEC sec. 690.12
- Solar panels that cover more than 50% of the total roof area, require fire department approval.
- Engineered or listed system for mounting and attachment of system.
- Integrated systems that replace roofing material require detailed information showing class "A" roof assembly.

**For Ground Mount and Wind Generator Systems Provide:**

- Engineering [When the total height from ground to top of the array (not post height) exceeds 6 feet] for mounting, attachments, and foundation to meet the minimum wind and snow loads. Provide details of attachments, anchors, brackets, photovoltaic panels, and all hardware.

