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**Inspection Guide for Streamlined Small Residential Rooftop Solar Permitting**

Make sure all PV system AC/DC disconnects and circuit breakers are in the open position and verify the following:

- All work done in a neat and workmanlike manner (CEC 110.12).
- PV module model number, quantity and location according to the approved plan.
- Array mounting system and structural connections according to the approved plan.
- Roof penetrations flashed/sealed according to the approved plan.
- Array exposed conductors are properly secured, supported and routed to prevent physical damage.
- Conduit installation according to CRC R331.3 and CEC 690.4(F).
- Firefighter access according to approved plan.
- Roof-mounted PV systems have the required fire classification (CBC 1505.9 or CRC R902.4).
- Grounding/bonding of rack and modules according to the manufacturer's installation instructions that are approved and listed.
- Equipment installed, listed and labeled according to the approved plan (e.g., PV modules, DC/DC converters, combiners, inverters, disconnects, load centers and electrical service equipment).
- For grid-connected systems, inverter is marked "utility interactive."
- For ungrounded inverters, installation complies with CEC 690.35 requirements.
- Conductors, cables and conduit types, sizes and markings according to the approved plan.
- Overcurrent devices are the type and size according to the approved plan.
- Disconnects according to the approved plan and properly located as required by the CEC.
- Inverter output circuit breaker is located at opposite end of bus from utility supply at load center and/or service panelboard (not required if the sum of the inverter and utility supply circuit breakers is less than or equal to the panelboard bus rating).
- PV system markings, labels and signs according to the approved plan.
- Connection of the PV system to the grounding electrode system according to the approved plan.
- Access and working space for operation and maintenance of PV equipment such as inverters, disconnecting means and panelboards (not required for PV modules) (CEC 110.26).