

## PV Plan Check Required Submittals

1. Site plan to scale, must show equipment locations, type and size of conduits and wires, lengths of runs and a grounding diagram showing electrodes and grounding electrode conductors.
2. A wiring diagram showing all circuitry, equipment, fusing, point of connection, disconnects, array wiring and equipment grounding.
3. Cut sheets and instruction manual for the inverter with the applicable model numbers highlighted and the UL or comparable listing noted.
4. Cut sheets for the PV modules, which need to include VOC rating, ISC rating, PMAX, maximum series fuse rating, voltage at PMAX and current at PMAX.
5. Cut sheets on batteries, if used, and connection diagrams with cable sizes. Identify battery fusing and fuse holders, provide amp hour rate of battery bank and charge capacity of charge system.
6. Identify wire types and connectors of all cables.
7. Include details for battery storage and venting.
8. Provide details for array mounting and engineering for the supporting structure. If arrays are being added to the roof of an existing structure provide review letter from a Structural Engineer concerning the additional load the arrays will be adding to the roof.
9. Installing contractor and license type and number.
10. PV systems installed on three phase supplied systems must cease to export power on loss of voltage in any phase. Verify that ability.
11. Show all warning signs and their locations.
- 12. Any battery or generation backup systems require a wet stamp from an Electrical Engineer.**