

COUNTY OF TEHAMA

DEPARTMENT OF BUILDING & SAFETY

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Photovoltaic Submittal Checklist

Homeowner Name: _____

For all systems provide two sets of:

- Electrical schematic diagram of system (module wiring series/parallel, disconnect grounding/bonding, wire, conduit type, size, and number of conductors in each section of conduit). When batteries are to be installed include them in the diagram, and their locations/rooms and venting.
- PV systems over 50KW must be engineered and have a PE stamp. (electric and structural)
- Site Diagram: show arrangement of panels on the roof (**including CAL Fire residential building setback requirements**), location of combiner box, inverter, utility disconnect, main service, and show approx. distance from panel to all components).
- Equipment cut sheets including inverters, modules, wind generators, etc.
- Signage detail.
- Cost breakdown of solar equipment, labor, and structural for ground mount.
- Starting November 1, 2019, ***Lineside electrical taps*** are no longer allowed.

For Roof Mounted Systems Provide two sets of:

- Engineered or listed system for mounting and attachment of racking system, support spacing, roof zone, array tilt angle, roof layout, attachment points and hardware, 85MPH, Exposure C.
- Roof diagram showing required access points and pathways per current CRC.

For Ground Mount and Wind Generator Systems Provide two sets of:

- Engineering (when the total height from ground to top of racking (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.
- Provide approved plot plan (dimension all setbacks to all structures and property lines).
- Provide Manufacturers support data for proposed footing diameter & depth for 85 MPH wind, Category C.