



City of Dixon

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Residential Rooftop Solar Remove and Replace

Required documents:

- Completed application
- Two (2) sets of plans (11" x 17" size minimum)
- One (1) electronic set of plans (pdf)
- One Residential Load Calculation Worksheet (if items added since original PV,EVCS,ESS, etc)
- One or more photos to clearly show the layout before removal-fire setback(s)

For online submittals using the Dixon Civic Access Portal please visit [City of Dixon, CA](#) and [Welcome to the Official Website of the City of Dixon, CA - Forms, Fees, and Permits](#) for more information

Required Information on the plans

Roof/Site plan, (plan view) to include:

- Roof layout, including all pathways, points of access, previous solar installations and clearances
- Orientation arrow (i.e. North arrow)
- PV orientation

Optional below

- Information cut sheets on all components (highlight project specific information)
- Inverter specifications including model number and integrated disconnect
- Mounting system for panel installation (highlight project specific information)
- Mounting details and engineering
- Photovoltaic module information including:
 - a. Module listing info
 - b. Fire classification rating.
 - c. Open-circuit voltage (Voc)
 - d. Short-circuit current (ISC) and maximum fuse rating
 - e. Maximum power- panel wattage

Field Inspector to verify:

- Conductor type and sizing
- Grounding type and sizing, minimum #8 AWG copper, #6 AWG aluminum (system dependent)
- Conduit size and type
- Main panel main disconnect ampere rating and bus bar ampere rating
- Electrical calculations, PV power source short circuit rating
- PV equipment locations
- Equipment bonding points and sizes
- AC & DC disconnect locations
- Point of connection to existing electrical service panel

Note: Access to the roof for any inspection is the responsibility of the owner or permit holder. A CAL-OSHA approved, extension ladder shall be provided for inspection. The ladder must extend a minimum of 3 feet above the roof. **FEES:** Valuation based single trade fee schedule **PERMIT: PV ALT/REM/REP**