

Submittal Requirements – Photovoltaic System Ground or Roof Mounted

Residential or Commercial:

Submittal:

1. Two sets of Construction plans, including plot plan.
2. Cover Sheet: *See our attached Cover Sheet, page 2, with the following information for use in your submittal package.*
 - a) Potential limitations for Homeowners
 - b) List of reference codes
 - c) Required signage (CA Electrical Code, Article 690-10 and 690-17)
 - d) Contractor shall verify... statement (see attached sample cover sheet)
 - e) Lag screws shall penetrate a minimum 2” into structural members statement
3. Roof plan or ground mount plan with panel location.
4. Panel anchorage/attachment details.
 - a) A mounting detail from the manufacturer such as Unirac or Tilerac is required.
 - b) If ground mounted; footing and structural details are required.
5. Electrical one line diagram.
 - a) Show panels, inverter, main panel disconnects and wire size.
6. Equipment cut sheets (inverter and photovoltaic panels).
 - a) Inverter and panel must be a listed product.
 - b) Indicate panels listed product weight.
7. Address on first page and number all pages.
8. Responsible designer to sign all plans that they prepared.

Fees

- A system is charged per number of inverters at \$276.50 per system.

Information Bulletin IB-57 (Updated 9/21/06)

See also.....

- IB-8 *General Inspection Information***
- IB-41 *Residential Code Requirements***

Photovoltaic Cover Sheet

Project Address:

Notice to Homeowners

Your homeowners' association may have potential limitations applicable to your project.

Reference Codes:

California Code of Regulations, Title 24
As amended by the City of Livermore, CA

2007 California Building Code
2007 California Electrical Code
2005 California Energy Code
2007 California Fire Code
2007 California Mechanical Code
2007 California Plumbing Code

**Installation to comply with
article 690 of the 2007 CEC.**

REQUIRED SIGNAGE

Warning

2007 CA Electrical Code, Article 690-10

SINGLE 120-VOLT SUPPLY. DO NOT CONNECT
MULTIWIRE BRANCH CIRCUITS.

Warning

2007 CA Electrical Code, Article 690-17

ELECTRIC SHOCK HAZARD.
DO NOT TOUCH TERMINALS. TERMINALS ON
BOTH THE LINE AND THE LOAD SIDE MAY BE
ENERGIZED IN THE OPEN POSITION

(Permanent sign or painted stencil near the inverter)

Contractor shall verify that the roof
Structure site will withstand the additional
dead and live loads.

Lag Screws shall penetrate a minimum 2"
into solid sawn structural members and shall
not exceed manufactures recommendations
for fasteners into engineered structural
members.