

## City of Palo Alto Amendments to CA State Fire Marshall PV Guidelines

The CA State Fire Marshall PV Guidelines are located at:

<http://www.osfm.fire.ca.gov/training/pdf/photovoltaics/solarphotovoltaicguideline.pdf>

## AMENDMENTS TO SECTION 1.1

For residential applications, the marking should be placed on the outside.

### AMENDMENTS TO SECTION 1.1.1

- ~~MARKING CONTENT: CAUTION: SOLAR ELECTRIC SYSTEM~~
- ~~REFLECTIVE, WEATHER RESISTANT MATERIAL SUITABLE FOR THE ENVIRONMENT (durable adhesive materials may meet this requirement)~~
- WHERE SIGNAGE IS EXPOSED TO THE ELEMENTS, SIGNAGE SHALL BE PHENOLIC.

The following signage is required:

#### MAIN SERVICE DISCONNECT

INSTALL A PERMANENT PHENOLIC PLAQUE AT THE SERVICE ENTRANCE EQUIPMENT DENOTING ALL ELECTRICAL POWER SOURCES AND LOCATION OF ONSITE EMERGENCY POWER SOURCES (CEC 705.10) **““WARNING” 2 SOURCES OF POWER PV/AC DISCONNECT @ ADJACENT LOCATION”** MINIMUM SIZE SHALL BE 3”X4”

BUILDINGS OR STRUCTURES WITH BOTH UTILITY SERVICE AND A PHOTOVOLTAIC SYSTEM SHALL HAVE A PERMANENT PLAQUE OR DIRECTORY PROVIDING THE LOCATION OF THE SERVICE DISCONNECTING MEANS AND THE PHOTOVOLTAIC SYSTEM DISCONNECTING MEANS, IF NOT LOCATED AT THE SAME LOCATION. (CEC 690.56 (B))

A PERMANENT PHENOLIC PLAQUE SHALL BE PLACED AT THE POINT OF INTERCONNECTION STATING THE **MAXIMUM AC OUTPUT OPERATING CURRENT** AND THE **OPERATING AC VOLTAGE**. (CEC 690.54)

**FOR SUPPLY SIDE TAPS, “CAUTION! SUPPLY SIDE TAP. OPEN AND LOCK AC DISCONNECT BEFORE REMOVING THE METER.”**

**AMENDMENTS TO SECTION 1.2.1**

- ~~REFLECTIVE, WEATHER RESISTANT MATERIAL SUITABLE FOR THE ENVIRONMENT (durable adhesive materials meet this requirement)~~
- REFLECTIVE, WEATHER RESISTANT MATERIAL SUITABLE FOR THE ENVIRONMENT. ALL ASSEMBLIES AND ENCLOSURES LISTED IN 1.2 SHALL BE LABELLED WITH PERMANENT PHENOLIC PLAQUES WHERE EXPOSED TO THE ELEMENTS. (EXCEPT FOR CONDUIT) DURABLE ADHESIVE MATERIALS MAY BE APPLIED TO CONDUIT.

**AMENDMENTS TO SECTION 1.3**

~~No markings are required for the inverter.~~

The following signage is required:

**INVERTERS**

WHERE INVERTERS ARE LOCATED OTHER THAN @ THE MAIN ELECTRICAL SERVICE LOCATIONS, A PERMANENT PHENOLIC PLAQUE OR DIRECTORY DENOTING ALL ELECTRICAL POWER SOURCES SHALL BE INSTALLED. (CEC 690.14 (D), 705.10)

WHERE SYSTEMS ARE POSITIVELY GROUNDED, SIGNAGE SHALL BE PROVIDED INDICATING “**POSITIVE GROUNDED SYSTEM**”.

**ADDITIONAL SIGNAGE MAY BE FOUND IN CITY OF PALO ALTO’S RESIDENTIAL OR COMMERCIAL PRE-SUBMITTAL CHECK LIST.**