
	Land Use Services Building and Safety Division Information Bulletin	Number: IB-0017
		Code References: 2019 CEC 110.27 & 690.31(A)
Building Official Signature: 		Original Effective Date: November 19, 2020
Subject: Protection for Residential Ground Mount Solar Panel Systems		Updated: April 8, 2021

1.0 PURPOSE

The purpose of this Information Bulletin is to clarify local requirements related to the protection of residential ground mount solar panel systems. These requirements are intended to prevent accidental contact and damage to the PV circuit conductors.

2.0 HISTORY

Original Effective Date: November 19, 2020; Updated: April 8, 2021.

3.0 POLICY/PROCEDURE

AUTHORITY

The information provided in this bulletin define the local requirements related to California Electrical Code (CEC) Section 110.27 and 690.31(A).

STANDARD

Protection of the live PV circuit conductors can be accomplished in several different ways. The items listed below are suggestions of how to comply with the guarding requirements; however, other methods may be submitted for review and approval by the Building Official.

- A. Any type of, "substantial partition," or fencing that cannot be climbed through or over that encompasses the perimeter of the array. This fencing may be attached to the mounting poles of the PV system. The fencing can be wood, chain link, heavy duty mesh (minimum 14 gage), or other similar material.
- B. Commercially durable scrim or similar type of material that encloses the direct underside of the array preventing access to the live PV circuit conductors.
- C. PV circuit conductors may be installed in Type MC cable or in a raceway.