

STATE BUILDING CODE INTERPRETATION NO. I-07-15

September 30, 2015

This is in response to your request for a formal interpretation regarding grounding of solar photovoltaic (PV) systems.

Question:

When a licensed PV contractor obtains a permit to install a new alternating current solar photovoltaic (PV) system on an existing building, is the licensed PV contractor required to provide a grounding electrode system in accordance with the 2011 National Electrical Code portion of the State Building Code?

Answer:

Yes, Article 690 of the 2011 National Electrical Code portion of the 2005 State Building Code deals with the installation of PV systems, specifically Section 690.47(A) states that if installing an ac PV system, a grounding electrode system shall be provided in accordance with 250.50 through 250.60. The grounding electrode conductor shall be installed in accordance with 250.64.