

INTERPRETATIONS & APPLICATIONS
OF BUILDING CODES & REGULATIONS 09-4



CODE SECTION : NEC Article 690.31(E)

10/23/2009

SUBJECT: Use of approved wiring methods for Photovoltaic Systems.

Article 690.31(E) States:

690-31(E) Direct-Current Photovoltaic Source and Output Circuits Inside a Building. Where direct current photovoltaic source or output circuits **of** a utility-interactive inverter from a building-integrated or other photovoltaic system are run inside a building or structure, they shall be contained in metallic raceways or enclosures from the point of penetration of the surface of the building or structure to the first readily accessible disconnecting means. The disconnecting means shall comply with 690.14(A) through 690.14(D).

It has been discovered that the use of the word "**of**" is a typo in the 2005 and 2008 codes.

The word "of" should be "to" and will be corrected in the **2011 NEC**. The requirement for metallic raceways applies only to the sunlight-energized dc PV source or PV output conductor.

Wiring for other than direct current photovoltaic source or output circuits to a utility-interactive inverter from a building-integrated or other photovoltaic system shall be any wiring method recognized by the code, and installed per it's listing.