

## **BOARD OF ELECTRICIANS AND PLUMBERS**

April 15, 2014

### **SOLAR PHOTOVOLTAIC SYSTEMS**

This general interpretation would apply to all types of solar PV systems:

“(a) For solar photovoltaic systems, a licensed journey worker electrician or supervising electrician shall be required to:

- (1) Perform all bonding and grounding work on such systems (including but not limited to WEEBs or “Washer, Electrical Equipment Bonding”);
- (2) Perform all electrical wiring on such systems that generates, transmits, transforms, or utilizes electrical energy within the scope and purpose of the National Electrical Code, as adopted by each county; and
- (3) Make the electrical connection from the system to the electrical meter.

(b) Notwithstanding the provisions in subsection (a), a licensed electrician shall not be required to:

- (1) Deliver and transport the panels or other photovoltaic materials onto the roof or other surfaces or facades;
  - (2) Install the footers or base (e.g., racks) that supports any rail mounting system on the roof or other surfaces or facades, unless the footers or base are part of the bonding or grounding mechanism for the solar photovoltaic system;
  - (3) Physically pierce, waterproof, or reinforce the roof or other surfaces or facades;
  - (4) Install and attach the rails to the footers or base on the roof or other surfaces or facades, unless the rails are the bonding or grounding mechanism for the solar photovoltaic system;
  - (5) Physically lay the panels on the rails;
  - (6) Install the roof, windows, skylights, facades, or other parts of a building or structure;
  - (7) Frame the building or structure; or
  - (8) Manufacture the solar photovoltaic systems and panels.
- (c) For purposes of this section, the term “solar photovoltaic systems”

includes:

- (1) Rooftop solar photovoltaic systems mounted on rails; and
- (2) All other types of solar photovoltaic systems attached or fastened to or made a part of other surfaces or facades of a building, structure, or premises (including but not limited to building integrated photovoltaics).”

In accordance with Hawaii Administrative Rules section 16-201-90, the above is for informational and explanatory purposes only. It is not an official opinion or decision, and thus is not to be viewed as binding on the Board or Department.