FORM FOR PROPOSAL FOR 2014 NATIONAL ELECTRICAL CODE®

INSTRUCTIONS — PLEASE READ CAREFULLY

Type or print **legibly** in **black** ink. Use a separate copy for each proposal. Limit each proposal to a **SINGLE** section. All proposals **must be received by NFPA by 5 p.m., EST, Friday, November 4, 2011**, to be considered for the 2014 National Electrical Code. Proposals received after 5:00 p.m., EST, Friday, November 4, 2011, will be returned to the submitter. If supplementary material (photographs, diagrams, reports, etc.) is included, you may be required to submit sufficient copies for all members and alternates of the technical committee.

For technical assistance, please call NFPA at 1-800-344-3555.

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Please indicate organization represented (if any) PV INDUSTRY FORUM

1. Section/Paragraph 705.60(B)

2. Proposal Recommends (check one): ☒ new text ☐ revised text ☐ deleted text

3. Proposal (include proposed new or revised wording, or identification of wording to be deleted): [Note: Proposed text should be in legislative format; i.e., use underscore to denote wording to be inserted (inserted wording) and strike-through to denote wording to be deleted (~~deleted wording~~).]

Add the following Informational Note after 705.60(B)

Informational Note: The ac output circuit of utility-interactive inverters and AC PV modules from the inverter to the first overcurrent device on that circuit is similar to a branch circuit. The circuit is sized at 125 percent of the continuous currents it carries. The circuit is protected from overloads and faults sourced from the utility by that overcurrent device that is typically located at the utility supply end of the circuit. The circuit responds in the same way when the overcurrent device activates—it becomes de-energized as the utility supply is removed and the inverter shuts down through actions of the internal anti-islanding system.

4. Statement of Problem and Substantiation for Proposal: (Note: State the problem that would be resolved by your recommendation; give the specific reason for your Proposal, including copies of tests, research papers, fire experience, etc. If more than 200 words, it may be abstracted for publication.)

The Informational Note is added to provide useful, factual information that will clarify how these circuits may be treated in the Code. UL Standard 1741 requires the anti-islanding function in all utility-interactive inverters and AC PV modules.

5. Copyright Assignment

(a) ☒ **I am the author of the text or other material (such as illustrations, graphs) proposed in the Proposal.**

(b) ☐ **Some or all of the text or other material proposed in this Proposal was not authored by me. Its source is as follows:** (please identify which material and provide complete information on its source)

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Signature (Required) John C. Wiles, Jr.

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