

FORM FOR PROPOSAL FOR 2014 NATIONAL ELECTRICAL CODE®

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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.

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Please indicate organization represented (if any) PV INDUSTRY FORUM

1. Section/Paragraph 690.53(4)

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~~).]

Revise 690.53(4) as shown and add the sentence.

690.53(4) Maximum circuit ~~Short-circuit~~ current

Where the PV power source has multiple outputs, items (1) and (4) shall be specified for each output.

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 word “maximum circuit” is substituted for “short circuit” for correctness and clarity so that the specified current can now be calculated from the short-circuit current ratings on the backs of the modules connected to this circuit. The requirement is now consistent with the way the other items are determined and the Informational Note applies.

Many small and large inverters have multiple dc inputs. The required currents in items (1) and (4) should be listed per output of the PV power source. This label is used to allow the AHJ to make a quick determination if the correct conductor size was used for the output circuits.

5. Copyright Assignment

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