

FORM FOR COMMENT FOR 2014 NATIONAL ELECTRICAL CODE®

INSTRUCTIONS — PLEASE READ CAREFULLY

Type or print **legibly**. Use a separate copy for each comment. Limit each comment to a **SINGLE** section. All comments **must be received by NFPA by 5 p.m., EDST, Wednesday, October 17, 2012**, to be considered for the 2014 National Electrical Code. Comments received after 5:00 p.m., EDST, Wednesday, October 17, 2012, will be returned to the submitter.

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

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Log #: _____

Date Rec'd: _____

Please indicate in which format you wish to receive your ROP/ROC ☒ electronic ☐ paper ☐ download
(Note: If choosing the download option, you must view the ROP/ROC from our website; no copy will be sent to you.)

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***If you wish to receive a hard copy, a street address **MUST** be provided. Deliveries cannot be made to PO boxes.

Please indicate organization represented (if any) _____

1. Section/Paragraph 705.12(D)(6)

2. Comment on Proposal No. (from ROP): 4-375a and 4-396

3. Comment recommends (check one): ☐ new text ☐ revised text ☒ deleted text

4. Comment (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~~).

Remove section erroneously retained by NFPA staff and renumber section accordingly:

~~(6) Inverter Output Connection. Unless the panelboard is rated not less than the sum of the ampere ratings of all overcurrent devices supplying it, a connection in a panelboard shall be positioned at the opposite (load) end from the input feeder location or main circuit location. The bus or conductor rating shall be sized for the loads connected in accordance with Article 220. In systems with panelboards connected in series, the rating of the first overcurrent device directly connected to the output of a utility interactive inverter(s) shall be used in the calculations for all busbars and conductors. A permanent warning label shall be applied to the distribution equipment with the following or equivalent wording:~~

~~WARNING~~

~~INVERTER OUTPUT CONNECTION~~

~~DO NOT RELOCATE THIS OVERCURRENT DEVICE~~

~~The warning sign(s) or label(s) shall comply with 110.21(B).~~

~~(7) (6) Wire Harness and Exposed Cable Arc Fault Protection. Utility interactive inverter(s) that have a wire harness or cable output circuit, rated 240V, 30A or less, that is not installed within an enclosed raceway, shall be provided with listed AC AFCI protection.~~

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

Panel proposal 4-375a refers to proposals 4-394, 4-396, and 4-401 as the template for 4-375a. In proposal 4-396, the existing 705.12(D)(7) was deleted and some of the content moved to 705.12(D)(2). Given the complexity of these changes, the staff inadvertently included the existing 705.12(D)(7) as the new 705.12(D)(6). 705.12(D) now includes duplicative language.

6. Copyright Assignment

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

(b) ☐ Some or all of the text or other material proposed in this Comment was not authored by me. Its source is as follows:
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Signature (Required)

William F. Brooks

PLEASE USE SEPARATE FORM FOR EACH COMMENT

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Fax to: (617) 770-3500 OR Email to: proposals_comments@nfpa.org

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