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 690.2 Utility Interactive Inverter

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 new definition to 690.2

Utility-Interactive Inverter: Equipment used to change the dc input voltage and current from a PV array to an ac output current and voltage that matches the waveform, voltage and frequency of the connected utility supply system. This output has no stand-alone capabilities and must be connected to a utility supply system or other stable source of an ac reference.

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.)

This more exact definition is needed to define how the utility interactive inverter operates in order to clarify some of the connection and critical safety requirements in this article.

This definition needs to be in both Article 690 and Article 705 because this equipment can interface with other equipment covered by requirements in both articles.

See proposals for related definitions for stand-alone inverter and multimode inverter.

5. Copyright Assignment

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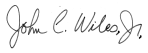
Signature (Required) 

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