

Solar America Board for Codes and Standards



Fire Issues in 2014 NEC Proposals

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CMP 4

Firefighter Safety Proposal

- 4-253 is the proposal that was Accepted In Principle on this issue.
- 4-167 was also Accepted In Principle but the methods in 4-253 were preferred.



CMP 4

Proposal 4-253

- 690.12 PV Arrays on Buildings Response to Emergency Shutdown.
- For PV Systems installed on roofs of buildings, photovoltaic source circuits shall be deenergized from all sources within 10 seconds of when emergency shutdown is initiated or when the PV power source disconnecting means is opened. When the source circuits are deenergized, the maximum voltage at the module and module conductors shall be 80 volts.



Other Affected Language

- Remove some of 2011 NEC updates to protect firefighters (10” below roof deck) since emergency shutdown addresses some of concerns a different way.

