Solar ABCs

Report of Activities:
Year Four

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www.solarabcs.org
Study Reports Completed in Year Four

- Grounding Photovoltaic Modules: Lay of the Land
- Understanding the CAL FIRE Solar Photovoltaic Installation Guideline
- Sustainable, Multi-Segment Market Design for Distributed Solar Photovoltaics
- PV Module Power Rating per IEC 61853-1
- Policy Recommendation: PV Module Power Rating Requirements
- White Paper: Impacts on PV Installations of Changes to the 2012 International Codes
Study Reports
Currently In Development

- Ground-Fault Protection Blindspot
- Ground-Fault System Design Guidebook
- Accelerated Aging Literature Review
- Protocol for Accelerated Aging Testing
- PV Module Frame Grounding: Issues and Recommendations
- System Grounding Issues
- Recommended Datasheet and Nameplate Information for PV Modules
- Fire Rating
- Maintenance and Inspection Guidebook
- Temporary Over Voltage on Distribution System
Participation in Standard and Code Development

- *National Electrical Code®*
- I-Codes
- International Electrotechnical Commission (IEC) Standards
- National Standards (IEEE, ASTM, SEMI)
- Underwriters Laboratories (UL) Standards
Implementation Activities

- Study Reports
- Education through webinars and other events
- Training
Activities Identified Through Gap Analysis

• Solar ABCs
  – Need for Ground-Fault Improvements to Prevent Fires
  – Best Practices: Maintenance and Inspection Guidebook
  – PV Connector Issues
  – Temporary Over Voltage on Distribution System
  – Bypass-Diode Failures-Inspection Program

• Others
  – Universal PV Interface Standards
  – Use of Modules with Embedded Electronics
Opportunities for Involvement

• Participate in Stakeholder Webinars and Meetings
• Subscribe to the Quarterly Newsletter
• Submit Comments on Draft Reports & Other Documents
• Participate in Developing Recommendations
• Participate with Code & Standard Development Organizations
• Co-Fund a Solar ABCs Study

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For More Information:

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