
Solar America Board for Codes and Standards

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Solar ABCs

Mission and Structure

Solar America Board for Codes and Standards



What is our Mission ?

The *Solar ABCs* identifies current issues, establishes a dialogue among key stakeholders, and catalyzes appropriate activities to support the development of codes and standards that facilitate the installation of high quality, safe photovoltaic systems.



How do we do that:

- Coordinate revisions of interrelated solar codes and standards
- Include stakeholders in the process of setting national priorities
- Maintain a central repository for dissemination of documents, regulations, technical materials
- Operate three key services:
 - Produce 'best practices' materials
 - Answer questions (technical or statutory)
 - Provide information to DOE and other government agencies



Solar ABCs Steering Committee



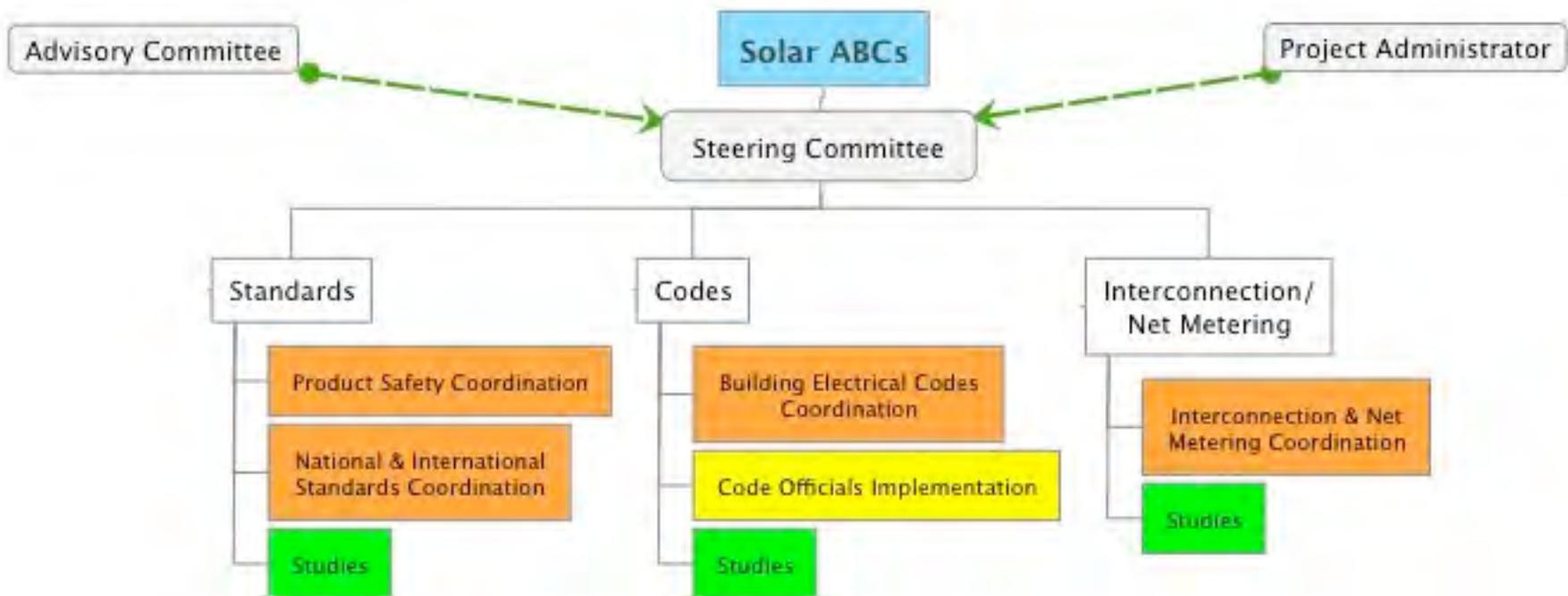
Solar America Board for Codes and Standards



Solar ABCs Advisory Committee

- Chair: Nick Chaset, California Public Utilities Commission
- Jim Baak, Pacific Gas & Electric (also representing Solar Electric Power Association)
- Suzanne Borek, New Jersey Department of Community Affairs
- Adam Detrick, SunPower Corp.
- Mark Dougherty, Long Island Power Authority
- Smita Gupta, California Energy Commission
- Edwin Iracki, DuPont
- Tom McCalmont, ReGrid Power
- Rhone Resch, Solar Energy Industries Association
- Peter Varadi, Consultant
- Donald Warfield, BP Solar





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Current Activities

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Standards Concerns Addressed by Solar ABCs

- Arc Fault Interrupter Requirements
- PV and Polymerics Materials Test Methods
- PV Cell Performance Standards
- Coordination of National and International Standards
- Develop National and International Standards



Codes Concerns Addressed by Solar ABCs

- Fire Safety Guidelines
- Code Official Training
- Amendments to the 2011 National Electrical Code
- Expedited Local Permitting
- Solar Access and Solar Rights Laws
- Model Code for High Wind Regions



Interconnection and Net Metering Concerns Addressed by Solar ABCs

- Advanced Metering Infrastructure and Net Metering
- Utility External Disconnect Switch
- Rating of Interconnection Models



Gap Analysis

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Gap Analysis

- Current state of the major codes and standards that bear on PV.
- Prioritized set of guidelines for all future Solar ABCs activities.



Gap Analysis Process

- Input from Stakeholders through Meetings and Electronic Communications
 - 400 Stakeholders
 - Over 80 topics suggested
- Review and Prioritized by Solar ABCs Advisory Committee
 - Solar industry
 - Utilities
 - State Government
- Final Review and Prioritization by Solar ABCs Steering Committee
- 11 High Priority Topics Identified



You Can Participate

- Stakeholder Meetings
- Quarterly Newsletter
- www.solarabcs.org (sign-up)



Upcoming Stakeholder Meetings

- Building Electrical Codes (NEC changes)
 - June 5-6, Golden, CO
- Interconnection and Net Metering Panel
 - June 20 (conference call)
- Solar ABCs Stakeholder Meeting
 - October 17, San Diego
- www.solarabcs.org (calendar)



Thank you

