


Permitting and Inspection Online Resources

Julie Brazeau
Midwest Renewable Energy Association

Best Practices

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Workforce Education

"A workforce trained to competency-based standards that are market valued leads to safer, more cost-effective clean energy use, which boosts consumer confidence and supports the expansion of solar and other renewable energy installations across the country."

Jane Weissman, IREC President and CEO



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Grow  Solar A Midwest Partnership to Move Markets

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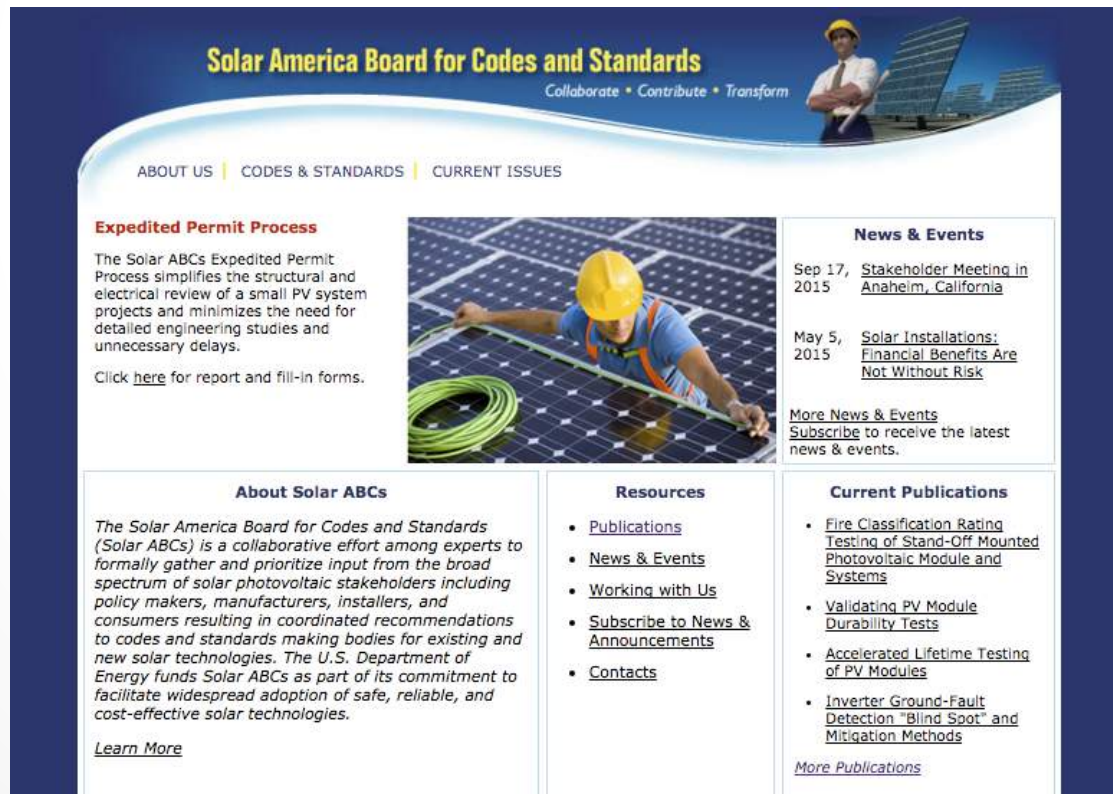
**CLEAN ENERGY
PROJECT BUILDER**
www.CleanEnergyProjectBuilder.org

The banner features a blue background with a yellow sun, a solar panel, and a wind turbine. A red toolbox is open, containing a solar panel and a wind turbine. The text 'CLEAN ENERGY PROJECT BUILDER' is in large white letters, and the website URL is in yellow below it.



Expedited Permitting

SolarABCs.org




Solar America Board for Codes and Standards
Collaborate • Contribute • Transform

ABOUT US | CODES & STANDARDS | CURRENT ISSUES

Expedited Permit Process

The Solar ABCs Expedited Permit Process simplifies the structural and electrical review of a small PV system projects and minimizes the need for detailed engineering studies and unnecessary delays.

Click [here](#) for report and fill-in forms.



News & Events

Sep 17, 2015 [Stakeholder Meeting in Anaheim, California](#)

May 5, 2015 [Solar Installations: Financial Benefits Are Not Without Risk](#)

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About Solar ABCs

The Solar America Board for Codes and Standards (Solar ABCs) is a collaborative effort among experts to formally gather and prioritize input from the broad spectrum of solar photovoltaic stakeholders including policy makers, manufacturers, installers, and consumers resulting in coordinated recommendations to codes and standards making bodies for existing and new solar technologies. The U.S. Department of Energy funds Solar ABCs as part of its commitment to facilitate widespread adoption of safe, reliable, and cost-effective solar technologies.

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Current Publications

- [Fire Classification Rating Testing of Stand-Off Mounted Photovoltaic Module and Systems](#)
- [Validating PV Module Durability Tests](#)
- [Accelerated Lifetime Testing of PV Modules](#)
- [Inverter Ground-Fault Detection "Blind Spot" and Mitigation Methods](#)

[More Publications](#)

Local Training

midwestrenew.org

The screenshot displays the website for the Midwest Renewable Energy Association (MREA). At the top left is the MREA logo, and to its right are three images: solar panels, a solar thermal collector, and a wind turbine. The text 'midwest renewable energy association' and 'Promoting renewable energy since 1990.' is on the right. A dark navigation bar contains links for HOME, ABOUT US, TRAINING, EVENTS, INITIATIVES, GET INVOLVED, RESOURCES, and SHOP. The main content area is titled 'Course Schedule' and includes a link to 'VIEW THE 2016 TRAINING CATALOG'. Below this is a paragraph describing the variety of courses offered. A list of course categories follows, each with a small icon: Photovoltaics (PV) - Solar Electricity, Solar Thermal (Hot Water and Space Heating), Small Wind Energy Systems, and National Electrical Code (NEC) Training. To the right of this list is a 'reNEWS' catalog cover. Below the course list is a 'Continuing Education Credits' section with a NABCEP logo and text explaining that many courses are approved for credit hours. At the bottom left is a section for 'Online, On-Demand Courses (Available Any Time)'. On the right side of the page, there are three blue buttons: 'DONATE', 'JOIN/RENEW', and 'ENERGY FAIR'. Below these is a 'QUICK LINKS' section with several hyperlinks. At the bottom right is an 'OFFICE HOURS' section listing contact information for Custer, Milwaukee, and Minnesota offices.

mrea
midwest renewable energy association

midwest renewable energy association
Promoting renewable energy since 1990.

HOME ABOUT US TRAINING EVENTS INITIATIVES GET INVOLVED RESOURCES SHOP

Course Schedule

[VIEW THE 2016 TRAINING CATALOG](#)

The MREA offers a variety of courses in photovoltaics (PV), solar thermal heating, and small wind energy systems. We have renewable energy courses for all levels of learning, from the beginner to the seasoned professional. Our accredited courses and Certificate Programs are available online, at the MREA in Custer (Wisconsin), and throughout the Midwest in our Solar Training Academies.

- Photovoltaics (PV) - Solar Electricity
- Solar Thermal (Hot Water and Space Heating)
- Small Wind Energy Systems
- National Electrical Code (NEC) Training

Continuing Education Credits

Many of our solar courses are approved for [Continuing Education](#) credit hours with NABCEP and state licensing agencies throughout the Midwest. Approved courses are marked with the NABCEP logo in the schedule below.

Online, On-Demand Courses (Available Any Time)

We have seven online, informational "primer" courses available year-round. They contain no

reNEWS
2016 TRAINING CATALOG

NABCEP
CONTINUING EDUCATION PROVIDER

DONATE

JOIN/RENEW

ENERGY FAIR

QUICK LINKS

- [Grow Solar](#)
- [Solar Powering Iowa](#)
- [2016 Training Catalog](#)
- [Power Pack](#)
- [Midwest Solar Training Network](#)
- [Site Assessor Certificate Program](#)

OFFICE HOURS:

Custer Office: 9:00 a.m. - 4:00 p.m.
Phone: 715-592-6595

Milwaukee Office: 9:00 a.m. - 4:00 p.m.
Phone: 414-988-7963

Minnesota Office: 9:00 a.m. - 4:00 p.m.

Inspector Training

PV Inspector training is available through the MREA.

Contact Julie Brazeau for more information.

Email:

julieb@midwestrenew.org

Telephone:

715-592-6595 ext. 119

