

# Grow Solar Tools


## Online Resources for Permitting and Inspecting

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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# Online Regional Tools

[GrowSolar.org](http://GrowSolar.org)

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Grow  Solar A Midwest Partnership to Move Markets

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**CLEAN ENERGY  
PROJECT BUILDER**  
[www.CleanEnergyProjectBuilder.org](http://www.CleanEnergyProjectBuilder.org)

The banner features a blue background with a yellow sun, a white wind turbine, and a red toolbox containing solar panels. The text is in white and yellow.



# Expedited Permitting

[SolarABCs.org](http://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](#)

[More News & Events](#)  
Subscribe to receive the latest news & events.

### 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.*

[Learn More](#)

### Resources

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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](#)

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# Local Training

[midwestrenew.org](http://midwestrenew.org)

The screenshot displays the website's header with the MREA logo and navigation menu. The main content area features a 'Course Schedule' section with a 'VIEW THE 2016 TRAINING CATALOG' link and a list of course topics. A 'Continuing Education Credits' section is also present, along with a 'DONATE' button and 'QUICK LINKS'.

**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.

 **NABCEP**  
CONTINUING EDUCATION PROVIDER

 **Online, On-Demand Courses (Available Any Time)**

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

**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](mailto:julieb@midwestrenew.org)

Telephone:

715-592-6595 ext. 119

