Presented by Julie Brazeau
- Nonprofit 501(C)3 tax-exempt organization incorporated in March of 1990 in Wisconsin.

- The MREA’s mission is to promote renewable energy, energy efficiency, and sustainable living through education and demonstration.
Three Locations:

Custer, WI
Milwaukee, WI
St Paul, MN
28th Annual Custer
June 16-18
15,000 attendees
200 exhibitors
250 workshops

1st Annual St Paul
September 9-10
Solar Urbana-Champaign
81 participants, 605 kW
Partners: City of Urbana, ELPC, IGEN
Installer: StraightUp Solar

Solar Bloomington-Normal
17 participants, 143 kW
Partners: Ecology Action Center, City of Urbana, ELPC, IGEN
Installer: StraightUp Solar

Solar Shorewood-MKE
53 participants, 172 kW
Partners: Milwaukee Shines, City of Milwaukee, Village of Shorewood
Installer: Arch Electric
MREA Professional Certificates
www.mreacertificate.org

- PV Site Assessment
- Solar Thermal Site Assessment
- Small Wind Site Assessment
- PV Design & Sales
- PV Installation
- PV Operations & Maintenance
Entry Level Credential

- MREA Coursework
  - (PV 101) Basic Photovoltaics
  - (PV 201) PV Site Assessment
- Skills assessments
- Exam
Recognized Training Provider Program

- Instructor is recognized
- Must earn the certificate
- Independent study course: Site Assessment Instruction
- Students earn 3rd party accredited credential
Recognized Training Providers in Illinois

- Bob Hattier  IBEW NECA Technical Institute
- Michelle Knox  Illinois Solar Energy Association
- Mike Bullock  Illinois Solar Energy Association
- Clay Sterling  Kankakee Community College
Benchmark for NABCEP PV Technical Sales Certification

- Further coursework
  - (PV 202) PV System design
  - (PV 203) PV Sales and Finance
- Skills Assessment
- Exam
- PV Installation Certificate
- PV Operations and Maintenance Certificate
Resources for university staff, students, and investors to bring solar to campuses.

Goals:
- develop ‘shovel ready’ solar project plans
- accelerate solar installations
- encourage investment in solar energy
Goals:

- Provide practical experience for students to apply their MREA training in PV site assessment, design, and sales, to real world projects
- Engage with industry partners to create stronger pathways to employment
- Advance solar deployment in the Midwest through training and collaboration
Network Students are enrolled in MREA’s full suite of PV courses (online)

- Basic Photovoltaics (PV 101)
- PV Site Assessment (PV 201)
- PV System Design (PV 202)
- PV Sales and Finance (PV 203)

Internship candidates have finished 101/201.
Cost share agreement between MREA and UWSP
Career Ready Intern (CRI) Program Collaboration
300 hour internships

Goal: Develop a campus roadmap
Site and Financial Analyses Intern

- Identify priority sites for solar PV deployment
- Analyze various investment scenarios
- Create site designs for the UWSP campus
Stakeholder and Campus Policy Intern

- Navigate campus, local, state, and federal rules and regulations around these types of investments
- Meet with stakeholders
- Identify the decision-making pathway
Cost share between MREA and Straight Up Solar
160 hours in length (excluding MREA course hours)
10 hours a week for 16 weeks (~semester)

Goal: Assist with and learn about design and project management
- Students major in renewable energy at ISU
- Interns’ work is aligned with the NABCEP PV Technical Sales JTAs
- Interns track work hours based on job task
- This ensures work is providing them with the skills they need to be successful in the solar industry
Cost share between MREA and Rural Renewable Energy Alliance (RREAL)

160 hours in length (excluding MREA course hours)
10 hours a week for 16 weeks (~semester)

Goal: Assist with and learn about design and project management
Continuing Education
Further coursework
Basic PV
PV Site Assessment
PV System Design
PV Sales and Finance
PV Design and Installation Lab
Milwaukee, WI
Normal, IL
Cottage Grove, MN
Thank you!