



2016 WI STEM EDUCATOR SOLAR INSTITUTE



FUNDING

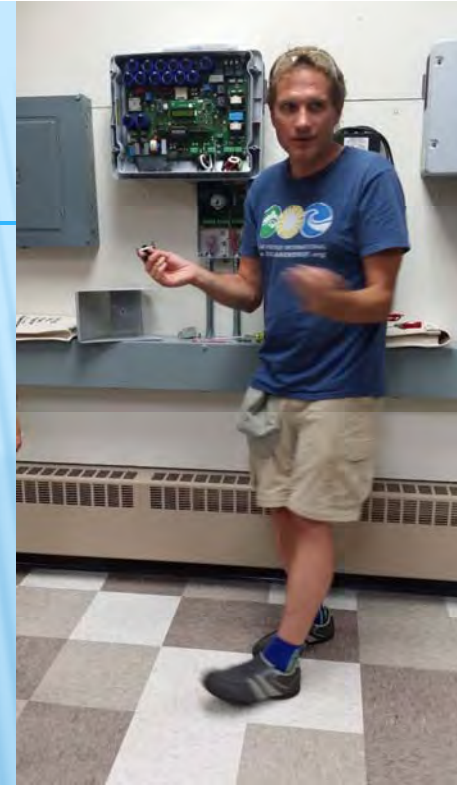
WIDRC

- + Funds were used to provide participant support – food, lodging and stipends
- + National Science Foundation funding for instructor salaries



INSTRUCTORS

- ✦ Cris Folk, Madison College
- ✦ Scott Liddicoat, Southwest High School Green Bay
- ✦ Joel Shoemaker, Madison College
- ✦ Ken Walz, Madison College



PARTICIPANTS

- × 17 Teachers - science, technology and math
- × 8 High school, 5 middle school, 4 college
- × 15 from Wisconsin





INSTITUTE AGENDA

- × Three days
- × Installed a full-size, working PV system
- × Small group workshops
 - + Solar pathfinder
 - + Generating an IV curve
 - + PV Watts
 - + Small, battery based system
- × Reviewed curriculum available
- × Discussed implementation in classroom



PUBLICITY

- × Channel 3 Story on Institute

FUTURE PLANS

- ✦ Third Annual Wisconsin STEM Educator Solar Institute!
- ✦ July 2017
- ✦ 20 HS teachers
- ✦ Enable other colleges to provide similar training



CREATE – NEW NSF GRANT

- × Center for Renewable Energy Advanced Tech Ed
- × Ken Walz, principal investigator
- × Collaboration with Lane Community College in Eugene, OR and College of the Canyons in CA
- × Purpose is to help schools around the country initiate, expand and improve their renewable energy programs