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