WISCONSIN SOLAR EDUCATOR ACADEMY
FUNDING

- National Science Foundation
- WIDRC
  - Funds were used to buy equipment for the small, classroom sized, hands-on activities
INSTRUCTORS

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

- 14 Teachers - science, technology and math
- 13 High school, 1 middle school
- 13 from Wisconsin, 1 from Kentucky
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
REVIEWS

- Expect to teach 1,845 HS students and 357 MS students
- 100% would recommend training to colleague

“I liked the training and it gave us a chance to see and learn more about post-high school options to share with our students.”
“This was a fantastic learning experience for me. I came in with a very basic knowledge of electricity and how electronics work, but I had a lot of my questions answered without being made to feel embarrassed.... I plan to use my science classroom budget to purchase some PV equipment.”
“Was a wonderful experience that will benefit my students. I plan to purchase solar equipment for use in my classroom this coming year.”

“Really appreciate this opportunity and the material and example activities and commissioning was a great additional experience that I will use in my class.”
PUBLICITY

- Wisconsin State Journal story on Academy
- Channel 15 (NBC) evening news story on Academy
FUTURE PLANS

- Second Annual Wisconsin Solar Educator Academy!
- July 2016
- 24 HS teachers
- Provide equipment to take back to the classroom
EXPENSES PAID FROM WIDRC GRANT

- Small battery based trainers
  - Batteries
  - Load centers
  - 12v light bulbs
  - DC circuit breakers
  - 30w PV modules
  - Charge controllers

Canopies
Food
Halogen lamps
MC4 Connectors