



Princeton Energy Resources International Mid-Atlantic Renewable Energy Education Program for Rural Electric Power Sector

Project Description

Princeton Energy Resources International (PERI) is teaming with a local a community college and two rural electric cooperatives to provide training and workforce development to accelerate the use of sustainable energy resources in the Mid-Atlantic region. Working with Worchester and Wicomico Community College, PERI is developing and implementing an Associate degree program in Electrical Engineering, an Associate of Applied Sciences degree in Environmental Engineering Technology, and a certificate program in alternative energy. A distance learning component will be added to the program to provide further outreach to electric cooperatives. The PERI team is also assisting Salisbury University in the development of a Rural Energy Business Administration Certificate program that focuses on business issues related to sustainable and renewable energy. To further enrich the learning experience, Choptank Electric Cooperative is implementing hands-on training at their wind and solar data collection laboratory. Mentorships and scholarships are supported by the Maryland Energy Administration and the Old Dominion Electric Cooperative.

Goals/Objectives

- Develop academic training in renewable energy technologies at the community college level
- Implement business administration education that directly applies to the renewable energy industry at the university level
- Provide hands-on training in wind and solar technologies
- Collaborate with stakeholders to ensure that the curriculum fulfills workforce requirements in the renewable energy industry

Benefits

- High-tech education in renewable energy technologies
- Workplace-ready graduates prepared to resolve cross-disciplinary engineering issues confronting the electric power industry
- Active participation with cooperatives in power energy education



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PARTNERS

Worchester and Wicomico Community
College
Salisbury University
Choptank Electric Cooperative
Old Dominion Electric Cooperative
Maryland Energy Administration

PROJECT DURATION

7/30/2010–7/30/2013

COST

Total Project Value
\$966,160

DOE/Non-DOE Share
\$750,000/\$246,160

PROJECT LOCATION

Maryland

CID: OE0000440

*Managed by the National Energy Technology
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Delivery and Energy Reliability*

