**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 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

**CONTACTS**

Deborah Buterbaugh  
Project Manager  
National Energy Technology Laboratory  
3610 Collins Ferry Road  
Morgantown, WV 26507-0880  
304-285-4164  
deborah.buterbaugh@netl.doe.gov

Andrea Duffy  
Principal Investigator  
Princeton Energy Resources International LLC  
1700 Rockville Pike Ste 550  
Rockville, MD 20852-1695  
301-881-0650  
aduffy@perihq.com

**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**

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**PROJECT LOCATION**

Maryland

CID: OE0000440

Managed by the National Energy Technology Laboratory for the Office of Electricity Delivery and Energy Reliability