Community College of Rhode Island
Electrical Power Technician Program

Project Description
The Community College of Rhode Island (CCRI) and industry partner, National Grid, are developing and implementing a new one-year Energy Utility Technology certificate and a redesigned two-year Engineering Systems Technology Associate degree focused on the electric power industry. The certificate program is based on a program developed and tested at three Massachusetts community colleges. The curriculum is designed to address the economic needs of the region, train incumbent and future workers, and prepare graduates to contribute to the state's workforce at various positions of the energy industry. The certificate includes classroom and laboratory training, and a capstone on-the-job practicum with the industry partner. Students for the program will be recruited from partnering high schools, workforce development clients, and returning military. This effort will include high school visits, campus tours, open house events, and job placement assistance for program graduates.

Goals/Objectives
- Design an electrical power technician curriculum at both the certificate and Associate degree level
- Provide college students with work-based learning opportunities
- Develop programs with regional high schools

Benefits
- Job growth and retention
- Workplace-ready graduates
- Technicians and displaced workers with increased skills and pay rates

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PARTNERS
National Grid

PROJECT DURATION
07/30/2010–07/30/2013

COST
Total Project Value
$910,841
DOE/Non-DOE Share
$745,841/$165,000

PROJECT LOCATION
Rhode Island

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