



# Council for Adult and Experiential Learning EPCE Workforce Preparedness for Smart Grid Deployment Project

## Project Description

The project leverages the existing capacity and distinctive features of the Energy Providers Coalition for Education (EPCE) model for developing and delivering industry-endorsed, standardized, continuously updated online technical training and education. The project employs a number of training strategies aligned with employer needs and utilizes existing and new online electric power technology curriculum developed by Bismarck State College's (BSC) National Energy Center for Excellence.

## Goals/Objectives

- Create new online curriculum for training current and future electric power industry workers that supports clean energy solutions and Smart Grid deployment
- Train more than 1,800 electric power industry workers across a wide range of job categories on alternative energy sources and the Smart Grid, operational considerations for the Smart Grid and/or on the impact (financial, security, etc.) of the Smart Grid
- Design new training strategies to create energy career pathways including the Community College Partnership model program to deliver clean energy/smart grid-focused electric power certificate and degree programs and the High school program to move students through pipeline into employment or college certificate/degree programs
- Widely disseminate information about EPCE's industry-driven standardized and flexible online Smart Grid courses and electric power technology
- Develop and implement an EPCE membership needs assessment, and disseminate aggregate findings and information on project outcomes and lessons learned to aid in future workforce development planning.

## Benefits

- Increasing the nation's electric power industry capacity to deploy Smart Grid components and technologies by expanding upon existing online electric power technology curriculum, and developing new online curriculum, that can be delivered to a wide range of electric power industry workers
- Assisting the project's employer partners in training their workers to support their Federal, State and/or corporate-supported Smart Grid deployment initiatives



## CONTACTS

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## PARTNERS

APS  
Northeast Utilities  
American Public Power Association  
Commonwealth Edison  
Oklahoma Gas & Electric  
JEA  
PJM Interconnection  
National Rural Electric Coop Assoc  
Bismarck State College  
Virtual High School  
CT Community College System  
CEWD

## PROJECT DURATION

6/15/2010–6/15/2013

## COST

**Total Project Value**  
\$5,398,961

**DOE/Non-DOE Share**  
\$2,549,467/\$2,849,494

## PROJECT LOCATION

Colorado

CID: OE0000450

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

