Austin Community College
Preparing Occupations for Lineman Education

Project Description
Austin Community College District’s (ACC) Preparing Occupations for Lineman Education (POLE) Program facilitates smart grid implementation by providing a pipeline of workers (utility linemen) to enable smart grid functionality and support economic recovery by connecting job seekers with training and employment opportunities. The POLE Program is developing the curricula for a utility lineman certificate and an associate of applied science degree. Courses teach industry-required topics such as: electrical safety codes, climbing skills, power transmission, switching and metering. The curricula are devised by an advisory committee tasked with conducting a systematic assessment of the skills and competencies required for the occupation. The project is also utilizing professional curriculum developers to incorporate these skills into a five-semester utility lineman associate degree and a one-year utility lineman certificate, and to begin recruiting job seekers for the training programs.

Goals/Objectives
The goal of ACC’s POLE project is to develop a quality training program that will graduate participants in a timely manner with the specific skills and experience they need to secure employment in the electric power sector, helping to enable Smart Grid functionality.

Benefits
- Job creation in Smart Grid careers
- Hands-on experience and relationships with potential employers through internships at local power companies

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

Alberto Quiñonez
Principal Investigator
Austin Community College/RVS
1020 Grove Blvd
Austin, TX 78741
512-223-6407
aquinone@austincc.edu

PARTNERS
None Listed

PROJECT DURATION
5/20/2010–5/20/2013

COST
Total Project Value
$132,169
DOE/Non-DOE Share
$87,210/ $44,959

PROJECT LOCATION
Texas
CID: OE000426

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