



Key Training Corporation Grid Training Modernization Project

Project Description

Over three years, Northwest Lineman College (NLC) will work with manufacturers, utilities and construction companies to develop training strategies, programs and delivery methods for the workers who will install, maintain and operate the clean energy Smart Grid. Target groups for this project include line workers, substation technicians, system operators, meter technicians, and plant operators. As the single largest trainer of electrical line workers in the country, Northwest Lineman College has a unique ability to use its existing infrastructure, staffing, curriculum and utility customer base to rapidly develop and disseminate Smart Grid training programs nationwide.

Goals/Objectives

- Address education gaps and job creation and retention for electrical line workers, substation technicians, system operators, smart meter technicians, and transmission technicians
- Utilize proven training delivery methods and manufacturer input to draw on state-of-the-art techniques and devices, distance learning and video components
- Develop programs that verify competence in constructing and maintaining a sustainable transmission infrastructure and Smart Grid distribution system
- Coordinate with workforce development agencies to expand training methods and opportunities for displaced or unemployed workers
- Use NLC's existing programs and nationwide customer base as a "one stop shop" for line worker training, pre-apprentice through journey-level, to reach over 2,500 electrical line workers

Benefits

- Job creation via Transmission and Distribution line training programs
- The swift dissemination of training on Smart Grid devices including advanced measurement, sensing technologies, communications and controls
- Journey-level employees will earn significantly more than the national average, per capita



CONTACTS

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PARTNERS

Vaughn Industries
Northeast Public Power Association
Georgia EMC
Great Southwestern Construction
Laclede Electric Cooperative
Navopache Electric Cooperative

PROJECT DURATION

7/29/2010–7/29/2013

COST

Total Project Value
\$1,722,012

DOE/Non-DOE Share
\$750,000/\$972,012

PROJECT LOCATION

Idaho

CID: OE0000439

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

