



University of Houston Smart Grid Energy Training Coalition

Project Description

The Smart Grid Energy Coalition is establishing a Power Training Campus in response to workforce needs; establishing processes to determine skill objectives and design training; and providing a clear career progression from entry-level hands-on training through the development of basic and specialized skills to the attainment of advanced skills and degrees for higher-level design and management functions. The Coalition will ensure that credits are transferable by executing agreements across training partners. Students, job seekers, academia, and industry participants will integrate through a community/social networking system. Training development will occur in a repeated cycle of needs assessment, training design, validation cohort training, and transition of training to production programs. Progress will be measured by monitoring the number and content of the courses developed, cohort response, expansion of Coalition members, and tracking student progress through the networking system.

Goals/Objectives

- Address the growing attrition in the current electric power workforce
- Augment the capabilities of existing workers with knowledge of new Smart Grid technologies
- Provide a combination of both traditional power system and Smart Grid training

Benefits

- Job retention and employee growth
- Workforce trained for the build-out of smart meter and intelligent grid systems for the State of Texas and the Houston region
- Active community and industrial participation in power energy education
- National Smart Grid development



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PARTNERS

University of Houston College of Technology
 CenterPoint Energy
 San Jacinto College
 Power Technology Institute
 SkillsNET
 Texas Business and Education Coalition

PROJECT DURATION

7/30/2010-7/30/2013

COST

Total Project Value
\$3,832,904

DOE/Non-DOE Share
\$2,499,904/\$1,333,000

PROJECT LOCATION

Texas

CID: OE0000485

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

