University Enterprises
California Smart Grid Workforce Development Network

Project Description
The California Smart Grid Workforce Development Network (CSGWDN) is supporting the development of California’s Smart Grid workforce by engaging electric utilities, California State University campuses, California community colleges, labor unions, and Smart Grid manufacturers in workforce training in advanced power system technology. The partners have identified the need to train 897 incumbent engineers, 521 new hire engineers, and 1,306 craft and technical workers over the next five years. CSGWDN is creating, executing, and evolving a statewide workforce development strategy through degree and certificate programs by connecting Smart Grid technology advances to workforce needs. Two webinars will be conducted to advance the professional development of professors and instructors at participating education locations. The program will be made available to the remaining 23-campus California State University system.

Goals/Objectives
- Connect Smart Grid technology advances and roll-out to workforce needs
- Create, execute, and evolve a statewide workforce development strategy
- Enhance economic benefits of individual initiatives by leveraging programs, resources, and best practices statewide
- Increase effectiveness of degree and certificate programs across the state by offering students portable credentials that follow well-defined Smart Grid career pathways
- Build a strategic model to be shared across the U.S.

Benefits
- Job retention
- Workplace-ready graduates
- National leadership maintained in the global marketplace

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

John Manns
Principal Investigator
University Enterprises Inc
6000 J Street Bookstore Bldg Rm 3400
Sacramento, CA 95819-6111
916-278-7326
jtmanns@csus.edu

PARTNERS
California State Polytechnic University Pomona
Los Angeles Trade Tech
San Jose Evergreen
American River
California State University East Bay
California Smart Grid Center
California Energy Commission
California State University Sacramento

PROJECT DURATION
07/20/2010–07/20/2013

COST
Total Project Value
$833,347
DOE/Non-DOE Share
$749,992/$83,355

PROJECT LOCATION
California

CID: OE0000492

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