



General Electric Training for the Development of a Smart Grid Center of Excellence

Project Description

General Electric (GE) is providing the training necessary for the establishment of a GE Smart Grid Center of Excellence employing 500 engineers headquartered in Atlanta, Georgia with satellite locations in Somersworth, New Hampshire and Melbourne, Florida. Two hundred and sixty engineers and software developers will be trained, providing the expertise needed to design and develop a Smart Grid. Georgia Institute of Technology is developing a multi-tiered training approach that includes basic fundamentals classes through graduate courses. GE will develop and teach the basic courses internally. Advanced training will be conducted in systems engineering and software engineering. Systems Engineering training is completed in three phases of short course training and a professional Master degree in Applied Systems Engineering program is completed in two phases following completion of Systems Engineering training.

Goals/Objectives

- Provide workforce training to meet projected industry needs
- Shift the training paradigm from disconnected grid elements to an interconnected system
- Attract and retain new employees from other industries

Benefits

- Job retention and employee growth
- Engineers trained in high-tech power technology
- Workplace-ready graduates
- Expanded national Smart Grid



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

Stuart Collins
Principal Investigator
General Electric Company
1 River Road Bldg 23
Schenectady, NY 12345-6000
518-385-2052
Stuart.collins@ge.com

PARTNERS

None Listed

PROJECT DURATION

07/23/2010–07/23/2013

COST

Total Project Value
\$1,299,805

DOE/Non-DOE Share
\$649,902/\$649,902

PROJECT LOCATION

Georgia
New Hampshire
Florida

CID: OE0000499

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

