



# Northern Michigan University Electrical Power Technician Workforce Training Program

## Project Description

Northern Michigan University (NMU) is establishing a training center to provide training that includes both the knowledge and skills required for an entry level technician in the electrical power industry. NMU's mock electrical substation will provide students with a hand-on laboratory, with actual equipment, enabling them to practice skills that are needed in the workplace. Lab size will be limited to an 8-12 student maximum. A program coordinator will stay abreast of current technology to make sure that the program includes all relevant technology in use and under development. The curriculum was developed by Northern Michigan University in consultation with industry partners in the LSCP consortium.

## Goals/Objectives

- Construct a mock electrical substation on the training campus
- Offer reduced lab size to accelerate learning
- Keep program current with evolving Smart Grid technology

## Benefits

- 80 percent graduate job placement rate
- High-tech education in cutting-edge Smart Grid technologies
- Workforce-ready trainees
- Re-training for current power industry workers



## CONTACTS

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## PARTNERS

To Be Determined

## PROJECT DURATION

6/9/2010-6/9/2013

## COST

**Total Project Value**  
\$785,955

**DOE/Non-DOE Share**  
\$673,462/\$112,493

## PROJECT LOCATION

Michigan

CID: OE0000444

*Managed by the National Energy Technology  
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Delivery and Energy Reliability*

