



# Ivy Tech Crossroads SmartGrid Training Program

## Project Description

Ivy Tech and Purdue University is combining education and industry to form the Crossroads SmartGrid Training Program to develop education courses to minimize the education-workforce gap in the electric energy sector. Educational areas include systems management and security, information technology and power systems engineering, and training of line workers, technicians, and mechanics. The curriculum will train operators, technicians, engineers, and research scientists in college degree and certificate programs. Crossroads will use HUB technology developed at Purdue as a training module.

## Goals/Objectives

- Provide 1,500 student-seats
- Develop 24 new courses
- Partner with the regional power and electric producers, and key stakeholders in the energy sector, to ensure that the emerging workforce meets their needs
- Deliver education and training programs to a large number of both traditional and non-traditional students that attend partner institutions
- Develop outreach activities that will ignite public interest in Smart Grid technology

## Benefits

- 330 jobs filled
- Highly skilled, electric power workforce trained in cutting-edge Smart Grid technologies
- Industrial participation in power energy education



## CONTACTS

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## PARTNERS

Purdue University

## PROJECT DURATION

7/1/2010–7/1/2013

## COST

**Total Project Value**  
\$7,970,762

**DOE/Non-DOE Share**  
\$4,699,353/\$3,271,409

## PROJECT LOCATION

Indiana

CID: OE0000469

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

