



# University of Colorado, Boulder Strategic Networking Training for Power Systems

## Project Description

The University of Colorado is building a graduate engineering program with the capacity to train a large number of students from diverse backgrounds with the skills needed to be leaders in the next generation of Smart Grids. The Digital Energy Program focuses on networking, wireless communication, and cyber security within energy systems. Instruction is provided on-campus and through long distance learning. Students can earn a Master's degree, a five-year joint electrical engineering Bachelor's degree and telecommunications Master's degree, or an Energy Communication Networks certificate. Discounts will be granted to students and scholarships will be given based on need or merit. Working with a large network of industry partners ensures that the curriculum is relevant and skills marketable, provides access to additional training opportunities and internships, and assists in job placement. Students will also work with industry and professional associations to increase employment networking.

## Goals/Objectives

- Develop high-capacity Smart Grid training program
- Create curricula relevant to current and future needs of the power industry
- Increase networking opportunities between students and industry to increase employment and professionalization
- Develop an integrated electrical engineering Bachelor's degree and telecommunications Master's degree program

## Benefits

- Provide high-tech education in cutting-edge Smart Grid technologies
- Increase job placement opportunities in the power industry
- Engage active industrial participation in power energy education



## CONTACTS

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## PARTNERS

To Be Determined

## PROJECT DURATION

6/30/2010–6/30/2013

## COST

**Total Project Value**  
\$2,747,079

**DOE/Non-DOE Share**  
\$2,470,343/\$276,736

## PROJECT LOCATION

Colorado

CID: OE0000436

*Managed by the National Energy Technology  
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