



University of Kentucky Power and Energy Education Institute

Project Description

The University of Kentucky Research Foundation is creating a Power and Energy Institute of Kentucky (PEIK) at the College of Engineering. In close collaboration with industry, the PEIK will combine existing power engineering courses within the College with newly created courses and laboratories, and coordinate with relevant courses in other engineering and non-engineering fields to provide students with an attractive clearly-marked pathway into the power engineering workforce. This project will grant baccalaureates, graduate degrees, and certificates of completion for the Professional Development Program.

Goals/Objectives

- Undergraduate Program: over 100 undergraduate students per cohort will be participating in three or more courses in the power and energy curriculum with 50 students per year completing the undergraduate certificate
- Graduate Program: up to 70 students per year participating in three or more courses in the power and energy curriculum, of which 40 students per year will complete the graduate certificate
- Professional Development Program: more than 100 students per year will enroll in continuing education professional development classes

Benefits

- Creation of a new Center for Power Engineering
- Continuing education for working engineers
- Undergraduate, graduate, and professional development
- After five years, 425 additional undergraduate engineers and 310 graduate engineers with power and energy coursework. There will have been 600 professional development course enrollments over these five years
- After 10 years, the program will produce 950 undergraduate engineers and 670 graduate engineers with power and energy coursework



CONTACTS

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PARTNERS

To Be Determined

PROJECT DURATION

5/4/2010–5/4/2013

COST

Total Project Value
\$3,012,993

DOE/Non-DOE Share
\$2,497,963/ \$515,030

PROJECT LOCATION

Kentucky

CID: OE0000409

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