Duke Energy Academy at Purdue

INITIATIVE
The Purdue Energy Center in partnership with the Duke Energy Foundation Indiana and other industry sponsors is leading an effort to inspire STEM high school students and secondary teachers in exploration of energy scholarship.

Our vision is to provide teachers and students who have a strong interest in energy issues with opportunities to learn from professors and industry leaders at the cutting edge of energy research, development, and deployment. We aim to inspire teachers to communicate the importance of this relatively new and highly interdisciplinary area of scholarship in their classrooms, and to inspire students to consider one of the many fields related to energy sciences and engineering in their educational and career goals. Funded by Duke Energy Foundation Indiana, the program is provided free for teachers and students.

IMPACT

➤ Inaugurated in 2012, we have engaged about 100 participants and indirectly involved another 225 individuals
Surveys of participants reflect the following:
➤ 92% of teachers indicated that they gained knowledge that they would implement in their classrooms
➤ 93% of students indicated that they would enter a STEM-related field in college

Comments:
“a great learning experience and helped me narrow down what I wish to study when I go to university.”
-Student

“Yes, I changed my interests to Electrical Engineering and Mechanical Engineering, which made me consider continuing college past a Bachelor's Degree.”
-Student

“The Purdue Energy Academy has given me the ability to speak intelligently to my class about the current developments in energy and the possible future by allowing me to witness those developments first hand.”
-Teacher