

# Energy Efficiency Practitioner Program

Energy Efficiency & Sustainability

PURDUE  
UNIVERSITY

TECHNICAL ASSISTANCE  
PROGRAM

## Drive Energy Cost Savings with YOUR Team of Energy Efficiency Practitioners!

*Limited time offer brought to you by the Save Energy Now Indiana! Program\**

Making energy efficiency part of a continuous improvement program requires an investment in training project teams in the knowledge and tools necessary to identify opportunities, develop solutions, and justify investments.

Our *Energy Efficiency Practitioner* program brings the systematic approach of LEAN manufacturing to the world of energy efficiency. Your team will learn how to conduct an energy survey, incorporate their findings into a value stream map, identify projects with the greatest potential for savings and then present implementation justification to management.



### Schedule

#### Day 1: Introduction to Energy Management & Opportunity Survey

- Includes classroom instruction, data collection, and an energy efficiency walkthrough survey.
- Collection and review of utility bills; assignment of “Homework” for Days 2 & 3.



#### Day 2: Facility Process Analysis: Current State Energy Stream Mapping (“as is”)

- Trend analysis of utility bills to discover hidden cost savings opportunities
- Development of an energy map that identifies how energy is used, converted, and wasted at your facility.

#### Day 3: Facility Process Analysis: Future State Energy Stream Mapping (“to be”)

- Update the map with the opportunities identified during the survey and initial mapping exercise.
- Develop a list of opportunities prioritized by difficulty of implementation, estimated project costs, and energy savings. A project “champion” will be assigned to each identified project.

#### Day 4: Energy Kaizen Day

- Mentoring Day: A Purdue TAP Energy Efficiency Specialist will assist individual team members with data collection, calculations, and project justification to fully scope the selected projects.

#### Day 5: Project Presentations, Implementation and Certification

- The program will conclude with your team presenting to management business case analyses of projects and investments it has selected for implementation.

**How We Can Work With You:** In addition to the *Energy Efficiency Practitioner* program, Purdue University’s Technical Assistance program offers public workshops and provides on-site implementation and consulting services. Call 800-877-5182 or email [TAPworkshops@purdue.edu](mailto:TAPworkshops@purdue.edu).



\*For More Information on the Save Energy Now Indiana! program, visit [www.tap.purdue.edu/energy](http://www.tap.purdue.edu/energy).