

April 7, 2015

8:00 a.m.–4:30 p.m.  
State College, Pennsylvania

# PA | STRATEGIC ENERGY MANAGEMENT Showcase 2015



## STRATEGIC ENERGY MANAGEMENT

Energy management programs like ISO 50001 and Department of Energy's (DOE) Superior Energy Performance® (SEP) provide a systematic framework for improving energy performance that saves more than traditional, project-based approaches. You won't get far without a commitment from the top. You also need a plan to sustain energy efficiency. Energy management systems play an essential role in helping industrial facilities uncover energy improvement opportunities to reduce costs and increase competitiveness and systematically sustain energy savings.

ISO 50001 is the international standard for an energy management system based on the Plan-Do-Check-Act model of continual improvement that provides companies with a framework for efficiently managing and improving their energy performance. Superior Energy Performance (SEP) builds on the ISO 50001 framework and adds a robust protocol for verification of energy savings.

Hear from the DOE about the ISO 50001 and SEP programs and from Pennsylvania manufacturers on how they successfully implemented these programs to reduce their energy consumption in a sustainable fashion.

## WHO SHOULD ATTEND?

- energy engineers and energy managers at facilities with high energy costs
- plant and facility engineers
- plant managers responsible for sustainability goals
- corporate environmental/sustainability staff
- state and utility energy efficiency program managers
- DOE Better Plants partners looking for additional means to reach their 25% reduction goals

## WHY SHOULD I ATTEND?

Learn the benefits of incorporating energy use and consumption within a management system to proactively achieve performance improvements and cost savings. By implementing an energy management system, you can:

- save energy costs
- continually improve energy performance
- support corporate sustainability programs
- reduce greenhouse gas (GHG) emissions
- align your energy management system with other business systems



Register at [penntap.psu.edu/services/energy/pa-sem-showcase](http://penntap.psu.edu/services/energy/pa-sem-showcase)

## TENTATIVE AGENDA\*

### Morning

- Registration/breakfast
- Welcoming remarks
- DOE's Better Plants and Superior Energy Performance programs
- DOE's rate-payer funded program for utility engagement
- Business case—results of Superior Energy Performance implementations
- Product and services exhibit
- Overview of the ISO 50001 standard requirements
- PA success stories—PA industrial plants' success with Superior Energy Performance and ISO 50001

### Afternoon

- Lunch
- **Break Out 1—Path to Verification**
  - DOE tools to analyze and manage energy use
  - SEP measurement and verification protocol
  - Audit protocol for certification to ISO 50001 and superior energy performance
  - Lessons learned from verification bodies—common areas for improvement
- **Break Out 2—Strategic Energy Management Skills and Resources**
  - Lean manufacturing tools applied to energy
  - Funding incentives for energy projects
  - Components of an energy review under ISO 50001
  - Understanding, making, and using energy metrics
- **Break Out 3**
  - Company success stories
  - Sub-metering for energy improvement
- Product and services exhibit
- Reconvene for Q and A panel and closing remarks

*CEU's are offered for this showcase energy event.*

*\* Agenda is subject to change*

## Save energy and money using Strategic Energy Management

Manage your energy consumption to help lower your energy costs, reduce greenhouse gases, and support corporate sustainability programs.

### HOW DO I REGISTER AND PAY?

**Space is limited**, so register today;

Early Registration Fee (by Monday, March 2, 2015):  
\$50 per person.

Fee after March 2 : \$75 per person.

Visit website for more information and to register:

[penntap.psu.edu/services/energy/pa-sem-showcase](http://penntap.psu.edu/services/energy/pa-sem-showcase)

Preregistration and payment are required at least one week before the showcase.

### LOCATION/DIRECTIONS

The Penn Stater Conference Center Hotel  
215 Innovation Blvd., State College, Pennsylvania

For hotel accommodations, call 800-233-7505. Use the code ENED15B to receive a showcase discount.

Free parking is available.



200 Innovation Blvd, Suite 156  
University Park PA 16802



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