

INDUSTRIAL SUPERIOR ENERGY PERFORMANCE (SEP) RATEPAYER-FUNDED ACCELERATOR

What Is Strategic Energy Management (SEM)?

Many companies use more energy than necessary because energy efficiency is not integrated into daily management practices. SEM is a general term for a structured, long-term management plan to make cultural changes resulting in continual improvements in energy performance.

How Do ISO 50001 and Superior Energy Performance® (SEP™) Fit into SEM?

Published in 2011 with input from 56 countries, ISO 50001 is an international standard on best practices in energy management. ISO 50001 focuses on collecting and analyzing available energy data to continually improve energy performance.

SEP is a Department of Energy (DOE)-sponsored certification program accredited by the American National Standards Institute (ANSI) that adds an energy performance improvement target to ISO 50001 requirements. SEP involves the entire facility and utilizes third-party verification of energy-performance improvements.

What Is the Industrial SEP Ratepayer-funded Accelerator?

The Industrial SEP Ratepayer-funded Accelerator demonstrates SEM through SEP as an effective ratepayer-funded energy efficiency program offering for industrial and large commercial facilities. As part of the Accelerator, ratepayer-funded program partners, such as utilities and energy efficiency program administrators, agree to work towards deployment of SEP to

manufacturers and large commercial customers across their service territories.

What Is the Value of Becoming a Partner?

The benefits of becoming a ratepayer-funded program partner include:

- ▶ Help for your industrial and large commercial customers to achieve and sustain greater energy and cost savings
- ▶ Increase in your staff's and consultants' expertise in data-driven energy management
- ▶ Cost-shared trainings for facility managers by highly qualified instructors
- ▶ Customization of DOE tools and resources
- ▶ National recognition

What Are the Resources that DOE Provides?

Key [DOE Accelerator Partner](#) resources include the Accelerator Toolkit, which provides guidance and tools for energy efficiency program administrators looking to develop energy management incentive offerings based on SEP. It has guidance information for program plans and reports. Toolkit components include the following:

- ▶ **SEP Cost Effectiveness Screening Tool** – This estimates benefits and costs for SEP projects with user inputs, including targeted, industrial-segment energy consumption; incentives; and avoided costs. It also provides useful outputs including total energy savings, net present value of benefits and costs, and cost-benefit ratios for state regulatory filings for SEP projects.
- ▶ **Program Planning Guide** – SEP Guide for the Development of Energy Efficiency Program Plans ("Program Planning") is a resource for energy efficiency program administrators who are looking for guidance on what information to include in their program plans and reports. This comprehensive guide covers the range of efficiency plan requirements throughout the country.
- ▶ Utilities and energy efficiency program administrators can incorporate SEP into new or existing programs to help their industrial customers meet efficiency targets. Visit <http://energy.gov/eere/amo/utilities> to learn more.

Has Anyone Joined Yet?

Currently, Wisconsin Focus on Energy, Efficiency Vermont, Eversource, and the Bonneville Power Administration have joined the Accelerator as partners!

Questions?

Contact Sandy Glatt at sandy.glatt@ee.doe.gov or 720-356-1544.

