

The **Better Buildings Initiative** is a national leadership initiative calling on corporate chief executive officers, university presidents, utilities, state and local officials, and other leaders to make substantial commitments to improve the energy efficiency of their buildings and plants, save money, and increase competitiveness. The cornerstones are a commitment to a 20% or more savings target across the organizations' portfolios and a commitment to share strategies that work, substantiated by energy data across the portfolios. The U.S. Department of Energy (DOE) is expanding this initiative to engage leaders in a set of **Better Buildings Accelerators** designed to demonstrate specific innovative policies and approaches, which upon successful demonstration will accelerate investment in energy efficiency.

The Better Buildings **Industrial Superior Energy Performance (SEP) Accelerator** is designed to demonstrate strategic energy management through SEP as an effective ratepayer-funded energy efficiency program offering for industrial facilities, as well as demonstrate the cost savings by implementing SEP enterprise-wide. SEP is a certification program that provides industrial facilities with a transparent, globally accepted system for verifying energy performance improvements and management practices. SEP enables facilities to achieve continual improvements in energy efficiency at an attractive return on investment. On average, nine SEP certified facilities have improved their energy performance by 10% in the first 18 months of implementation with an average payback of 1.7 years.

Building off the SEP demonstration experience where companies implemented SEP at a single facility, the **Industrial SEP Accelerator** offers **Enterprise-wide Partners** an opportunity to implement ISO 50001 and SEP across a corporation, business unit, or multiple plants to achieve greater energy cost savings. Enterprise-wide Partners are expected to achieve economies of scale and reduce per plant implementation costs of ISO 50001 and SEP. Additionally, it is expected to help companies meet the corporate-wide energy savings targets they establish, improve integration of some ISO 50001 energy management system elements with current company practices, facilitate sharing of best practices across facilities, and more effectively deploy SEP tools and training.

Partners in collaboration with DOE will demonstrate approaches for implementing SEP across three or more industrial facilities. This Accelerator provides a continual improvement pathway for Partners to:

- ▶ Apply corporate or business unit level ISO 50001-conformant energy management system (EnMS) elements to facilities seeking SEP certification. Implementing SEP and ISO 50001 at sufficiently alike facilities allows the implementation and certification processes to be streamlined and reduce costs.
- ▶ Provide an overall structure for expanding the number of SEP certified facilities over time by allowing facilities to be flexibly added to the enterprise-wide ISO 50001 EnMS.
- ▶ Create a platform for sharing EnMS and SEP implementation best practices across a company or division.
- ▶ Implement an enterprise-wide EnMS with the goal of identifying increased efficiencies and economies of scale.

Accelerator Partner Agrees to:

- ▶ **Recruit three or more manufacturing plants** within their company to achieve SEP certification and incur all third-party SEP certification costs.
- ▶ **Offer cost-shared SEP training¹** for corporate and facility energy management teams.
- ▶ **Share data from participating facilities**, including SEP cost and benefit data from implementing SEP at the enterprise-wide level.

U.S. Department of Energy Agrees to:

- ▶ **Cost-share SEP training** in coordination with participating Partners.
- ▶ **Disseminate resources**, including DOE tools such as eGuide and EnPI tools, and best practices on strategies to cost-effectively implement SEP.
- ▶ **Provide national recognition** to Partners for achieving SEP Accelerator milestones and goals.
- ▶ **Develop case studies** documenting Partner success.

Agreement

My organization is committed to continuous improvement for energy efficiency, agrees to the terms outlined in this agreement, and joins the Better Buildings Industrial SEP Accelerator as an Enterprise-wide Partner.

CEO or Senior Executive Officer

Date

Contact Information

Organization: _____ Address: _____

Name: _____ Title: _____ Phone: _____ E-mail: _____

General Terms

- ▶ All parties concur that this agreement is wholly voluntary and may be terminated by any party at any time, and for any reason, with no penalty.
- ▶ Partner will not construe, claim, or imply that its participation in the Better Buildings Initiative constitutes Federal Government approval, acceptance, or endorsement of anything other than Partner's commitment to the initiative.
- ▶ Partner understands its participation in the Better Buildings Initiative does not constitute Federal Government endorsement of the Partner.
- ▶ Partner understands that the activities it undertakes in connection with the Better Buildings Initiative are voluntary and not intended to provide services to the Federal Government. Partner will not submit a claim for compensation to any federal agency.
- ▶ The Better Buildings Initiative will honor all requests to keep the Partner's information and data confidential.

Definitions

- ▶ *Strategic Energy Management (SEM)*: Strategic energy management is a long-term approach to efficiency, and includes goals, tracking, and reporting. SEM puts in place an energy management system (EnMS) that follows the Deming Plan-Do-Check-Act (P-D-C-A) framework that has been successfully applied within manufacturing facilities for quality, environment, and safety practices. Continuous Energy Improvement, ISO 50001, and Superior Energy Performance are all approaches to SEM. Source: http://www1.eere.energy.gov/seeaction/pdfs/commercialbuildings_factsheet_strategicenergymanagement_stateandocal.pdf
- ▶ *Continuous Energy Improvement*: Industrial facilities that have fully integrated energy management into their business and manufacturing operations, leading to reduced costs and increased profitability, are implementing continuous energy improvement. Source: <http://www.energyimprovement.org/>
- ▶ *ISO 50001*: The ISO 50001 energy management standard is an international framework for industrial plants, commercial facilities, or entire organizations to manage energy, including all aspects of procurement and use. The standard provides organizations and companies with technical and management strategies to increase energy efficiency, reduce costs, and improve environmental performance. Source: <http://www.superiorenergyperformance.energy.gov/enms.html>
- ▶ *Superior Energy Performance (SEP)*: SEP is a certification program that provides industrial facilities with a transparent, globally accepted system for verifying energy performance improvements and management practices. SEP enables facilities to achieve continual improvements in energy efficiency while boosting competitiveness. To qualify for SEP, a facility will have to demonstrate conformance to ISO 50001. Source: <http://www.superiorenergyperformance.energy.gov/>

¹Training Costs: Training costs for three to seven plants are estimated at \$40,000 to \$50,000. DOE will cost share training by DOE EnMS experts at \$20,000. Partners agree to train all relevant staff from participating plants. Training will consist of providing core training (webinars, in-class) for facility level staff on SEP and ISO 50001, as well as creating several internal company enterprise-wide EnMS experts. Internal company EnMS experts will also receive Certified Practitioner EnMS training to be able to obtain the professional credential. EnMS experts will provide coaching to the company based on their needs, organization structure, and enterprise-wide EnMS deployment strategy.