■ What is 50001 Ready?

The U.S. Department of Energy's (DOE's) 50001 Ready program is a self-guided approach for facilities to establish an energy management system (EnMS) and self-attest to the structure of ISO 50001, a voluntary global standard for EnMS in industrial, commercial, and institutional facilities. 50001 Ready offers:

1. A self-paced approach for any facility to implement an energy management system without certification
2. Guidance to identify and analyze facility-wide energy use and to develop action plans around energy performance improvements
3. DOE recognition for self-attested achievement, without the need for external audits

How can 50001 Ready bring value to your business?

▶ Reduce operational costs and uncertainty:

An energy management system positions your organization to achieve and sustain energy and cost savings through informed and systematic decision-making. Structuring the management of energy—like most organizations already do with finance, personnel, inventory, production, and quality—improves certainty in outcomes and reduces the risk of unexpected energy-related financial obligations. Following implementation of an energy management system, business leaders in all types of organizations have seen substantial improvements in facility energy performance.

▶ Qualify for utility rebate programs:

The program provides expert guidance for establishing a management system to identify, prioritize, and implement projects that will improve your facilities' energy performance, and to measure those gains over time. Tracking of comprehensive performance analytics to validate continuous improvement may allow your organization to participate in energy efficiency programs and take advantage of performance rebates offered by state and local utility programs.

▶ Improve your competitiveness:

The 50001 Ready program aligns with existing corporate business management systems and operating practices, and enables companies to increase their energy productivity while also improving health, safety and comfort. Energy savings make an immediate contribution to your bottom line, and recurring efficiencies can be translated directly into accelerated capital and human resource investments for your organization.

▶ Influence your value chain:

Achieving the 50001 Ready designation allows your organization to lead by example and encourage the establishment of structured energy management systems by your suppliers and value chain partners. This can result in more agile and efficient operations by reducing the energy uncertainty of inbound and outbound activities, while building a community of trusted partners to share energy management best practices.

▶ Demonstrate business leadership:

By joining 50001 Ready, cutting-edge organizations will be early leaders in gaining the value of structured energy management systems, and your experiences and input will help guide DOE as it supports the adoption of these systems and unlocks the resultant savings for the overall U.S. economy.

How can you participate in the 50001 Ready program?

The 50001 Ready program offers DOE recognition for the self-attested achievement of implementing an energy system in line with the requirements of ISO 50001, without requiring any third-party audits or verification. Achieving the 50001 Ready designation involves three key steps:

1. **Complete the 25 tasks in the 50001 Ready Navigator**
   Follow the guidance and track your progress through four topic areas (Planning, Energy Review, Continual Improvement, and System Management) in the **50001 Ready Navigator**, an online guide provided by DOE. All guidance in the Navigator will be maintained by DOE to ensure alignment with ISO 50001.

2. **Self-attest to their completion**
   Have your energy management team lead and a senior management representative sign a simple self-attestation form to confirm the establishment of an energy management system once all tasks in the 50001 Ready Navigator have been completed.

3. **Measure and improve energy performance over time**
   Use DOE's Energy Performance Indicator Tool Lite (EnPI Lite), the U.S. Environmental Protection Agency's (EPA's) Portfolio Manager, or other calculators provided by utility programs to model, compare and report your energy performance.

Completing these steps to achieve the 50001 Ready designation typically takes between 6-18 months. With the 50001 Ready designation, DOE will publicly feature your organization on its website and provide you with materials to help promote the achievements of your 50001 Ready facilities.

Tools and Resources

► 50001 Ready Navigator

The 50001 Ready Navigator is an online resource that provides step-by-step guidance to implementing an energy management system according to the principles of ISO 50001. Helpful resources available in the Navigator include templates, checklists, and example calculations. Users can track their progress, collaborate with team members, and request DOE recognition directly through the Navigator.

► Energy Performance Indicator Tool Lite (EnPI Lite)

EnPI Lite has been developed by DOE as a user-friendly companion resource to the 50001 Ready Navigator for regression-based energy performance modeling. The 50001 Ready program also accepts energy performance data from other readily available tools including EPA's Portfolio Manager and calculators provided by utility programs.

More information

Find out more about the 50001 Ready program at energy.gov/50001Ready
Ready to get involved? Contact Pete Langlois at pete.langlois@ee.doe.gov

U.S. DEPARTMENT OF ENERGY