



■ 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 to implement an EnMS without formal certification
2. Guidance to identify facility-wide energy use and to develop action plans around energy performance improvements
3. Utility and DOE recognition for self-attested achievement, without external audits

What value does 50001 Ready bring to utilities and public benefits administrators?

▶ Additional Customer Engagement:

The 50001 Ready program can be rebranded by a participating utility or public benefits administrator (PBA), and offered to customers to provide guidance and support in establishing a robust practice around managing energy. 50001 Ready can be structured either as a service with technical support, or as a standalone product.

The 50001 Ready program can be offered by utilities to support better understanding and management of energy use and energy performance improvement opportunities. The program provides free, user-friendly navigation through the proven principles of ISO 50001 and requires only self-attestation of implementation and performance—maximizing value to customers without imposing any costs or risks associated with audits or certification. A participating utility can provide technical support throughout the process to maintain relationships with their customers, and link to other utility programs and offerings.

▶ A Defined Structure for SEM Programs

The 50001 Ready program offers a management structure that can be consistently applied across programs and stakeholders.

For utilities at any stage of establishing a Strategic Energy Management (SEM) program, 50001 Ready offers a common basis for program design and evaluation. Resources provided by 50001 Ready can be used as a fixed reference point when defining the structure and requirements of new SEM programs, or they can be fully rebranded and incorporated as a recognition program owned by the utility or PBA.

▶ Expanded Energy Efficiency Program Offerings:

The 50001 Ready program can improve customer participation and performance in energy efficiency programs.

The program's **50001 Ready Navigator** (see *Tools and Resources below*) provides expert direction for customers in establishing a management system to plan, identify, prioritize, and implement projects that will improve a facility's energy performance. This systematic approach to continuous improvement can empower facilities to participate in energy efficiency programs, and structured tracking and management can improve confidence in measurement and verification of energy savings.

How will a utility or PBA partnership with 50001 Ready work?

The 50001 Ready program is designed to be complementary to any existing utility or PBA program. The program provides 'open-source' resources that can be fully rebranded and owned by utilities or PBAs that want to use the 50001 Ready Navigator or run their own version of the program.

- ▶ Partner utilities, PBAs and program implementers, not DOE, will be the face of the program to their own customers.
- ▶ DOE will maintain the basic set of tasks and resources in the 50001 Ready Navigator guide to align with ISO 50001, but utilities and PBAs will have the freedom to add requirements, conditions, and resources specific to their own jurisdiction.
- ▶ Energy performance data may be derived from a variety of tools and calculators; reporting requirements may be determined by utility programs that issue their own recognition. Options for energy calculations include the U.S. Environmental Protection Agency's (EPA's) Portfolio Manager and DOE's Energy Performance Indicator Tool Lite (EnPI Lite), which is a publicly available resource for regression-based modeling.
- ▶ Recognition issued by utility- or PBA-owned 50001 Ready programs may be eligible to also receive recognition by DOE, as predetermined between the utility program and DOE.

Tools and Resources

▶ 50001 Ready Navigator

The 50001 Ready Navigator is an online guide that provides step-by-step directions for implementing and maintaining an EnMS in conformance with the principles of ISO 50001. Users can submit their facilities for 50001 Ready recognition directly through the dashboard. Navigator is built on open-source standards and designed for flexibility to allow for rebranding and customization by other organizations. Navigator is built with multiple layers of account designation, allowing utilities to track progress by facility, implementer, or corporation.

▶ Energy Performance Indicator Tool Lite (EnPI Lite)

EnPI Lite is a companion calculator to 50001 Ready Navigator, and enables regression-based energy performance modeling for facilities. EnPI Lite is web-based and maintained by the DOE. The 50001 Ready program also accepts energy performance data from other readily available tools including EPA's Portfolio Manager, and can be adjusted to work with utility program energy performance improvement calculators.

More information

Find out more about the 50001 Ready program at energy.gov/50001Ready
Ready to get involved? Contact Sandy Glatt at sandy.glatt@ee.doe.gov