Today’s agenda

50001 Ready Navigator Training Materials!

• Introductory presentations

• Task education presentations

• Implementation training materials

As time allows, review of:

• Recent Navigator updates including ISO 50001:2018 Transition, Playbook Resources, Multi-Site, Partner Platform and Multi-site

• 50001 Ready Program offerings including showcases, partners, and US TAG to ISO TC 301
50001 Ready Navigator Training Materials

• Navigator Training Portfolio
  – Developed for and used by trainers and energy efficiency program staff
  – Teaches the fundamental concepts of 50001 Ready and ISO 50001
  – Targeted training for:
    • Energy managers and teams
    • Utility efficiency program administrators
    • General and U.S. federal sectors
  – Topics include:
    • Energy management system and 50001 Ready introductions
    • 50001 Ready task education
    • 50001 Ready implementation
50001 Ready Navigator Training Materials

Access Training Materials from the ‘My Navigator’ menu bar

https://navigator.lbl.gov/
50001 Ready Navigator Training Materials

Energy Management System and 50001 Ready Introduction Materials
- 50001 Ready Brief Introduction for End-Users
- 50001 Ready General Introduction for End-Users
- Energy Management System Informative Training
- Energy Management System Informative Training for Utility Program Administrators
- 50001 Ready Multi-Site Implementation Distance Learning for Central-Office Staff

50001 Ready Task Education Materials
- 50001 Ready Training for Utility Energy Efficiency Staff
- 50001 Ready In-plant Training for Manufacturers

50001 Ready Implementation Materials
- 50001 Ready Distance Learning Series for All Organizations
- 50001 Ready Distance Learning Series for Federal Organizations

50001 Training Categories
- Material Introduction
- Task Education
- EnMS Implementation
Introduction Materials

• Targets various audiences

• Designed to introduce participants to an EnMS and the 50001 Ready Navigator.

• Help you decide if an EnMS implementation is right for your organization.

Energy Management System and 50001 Ready Introduction Materials

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Task Education Materials

- Targets various audiences
- Deep dive into 50001 Ready and the 25 Navigator tasks
- Can be passed on to others or used to manage an energy efficiency program that makes use of 50001 Ready.
Implementation Materials

• Targets various audiences

• Prepares participants to put the concepts of a 50001 energy management system into practice.

50001 Ready Implementation Materials

50001 Ready Distance Learning Series for All Organizations

50001 Ready Distance Learning Series for Federal Organizations
Training is viewable without being logged in, but in order to download the modules you must be logged into your Navigator account.

https://navigator.lbl.gov/
To learn more about each training module and to download:

- Select the training to jump to its details lower on the page
- Or just scroll down to see them all!
Download trainings:

- Scroll through the list and select the training modules for download

Energy Management System and 50001 Ready Introduction Materials

The Energy Management System and 50001 Ready Introduction Training Materials are designed to introduce participants to an energy management system based upon ISO 50001 and the concepts, structure, and features of the 50001 Ready Navigator. After receiving the training, participants should be able to explain to others what the 50001 Ready Navigator is and make an informed decision on the approach for implementation at their organization.

**SELECT: 50001 READY BRIEF INTRODUCTION FOR END-USERS**

[Admin only download count: 23]

This presentation briefly introduces the fundamental concepts of an energy management system and the resources available in the 50001 Ready Navigator.

- **Audience:** Those who may support or participate in implementation at their site
- **Duration:** 15-30 minutes
- **Materials:** 1 set of 16 slides

**SELECT: 50001 READY GENERAL INTRODUCTION FOR END-USERS**

[Admin only download count: 13]

This presentation introduces the concept of an energy management system, the 50001 Ready Program, and the 50001 Ready Navigator. It offers a high level understanding of the value of a 50001 Ready and highlights success stories of program participants.

- **Audience:** Those interested in learning about energy management systems and how the 50001 Ready Navigator can help their organization
- **Duration:** 30-45 minutes
- **Materials:** 1 set of 30 slides
Prior to downloading trainings, you will first need to review and agree to the terms of use.

Agree to the terms and download your selected trainings.
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Questions?
Resource review: Navigator Updates

• Update to ISO’s High-Level Structure
• Alignment of the Playbook and 25 Tasks
• Change from four to seven dials on the dashboard
• Multi-Site capability
• Partner Platform
• Showcases and Case Studies
The 50001 Ready Navigator is updated to reflect the changes made to the latest version of the ISO 50001 Energy Management System Standard – ISO 50001:2018

KEY CHANGES:

- **Introduction of the “High-Level Structure”, (HLS):** Provides common ISO structure, terms and definitions.
  - Increased compatibility across various ISO management system standards (including ISO 14001 and ISO 9001).

- **Emphasis on business objectives:** Incorporates an organization’s strategic direction.
  - Clarity of roles in top management and an increased integration with management practices.

- **Normalization of energy performance improvement:** Accounts for changes in energy variables
  - Employs an “apples to apples” comparison of energy improvement when calculating weather, production, and occupancy.
The 50001 Ready Navigator still has 25 tasks, but they have been realigned to conform ISO’s High Level Structure (HLS)

- Refer to the Navigator’s Guidance Transfer Crosswalk for details!
- Search either by the tasks in the 2011 guidance or by the 2018 guidance
The 25 tasks are grouped by the **seven** sections of the ISO 50001:2018 standard:

- ✔ Context of the Organization (tasks 1-3)
- ✔ Leadership (tasks 4-6)
- ✔ Planning (tasks 7-13)
- ✔ Support (tasks 14-16)
- ✔ Operation (tasks 17-19)
- ✔ Performance Evaluation (tasks 20-23)
- ✔ Improvement (tasks 24-25)

Track each section’s progress right from your dashboard.
Resource Review: Navigator resource updates

• 25 resource worksheets (plus two trackers) have been created to accompany each of the 25 tasks.
  – The multiple resources have been streamlined and realigned to the revised 2018 structure.
• We’ve done the editing for you
  – No more wading through 129 resources to determine which may or may not best support your needs, the most impactful resources are right where you need them.
• In the middle of a project in the older version or looking for a specific resource you used before?
  – Not yet ready to let go of the older resources?
    • Log in with your credentials to access all 129 of the old resource documents from the Resource Index page
    • Keep in mind: The old resources will not match up in content or structure!

New resources are available on the Resource page!

If needed, the old resources can be found on the Resource Archive here
Resource Review: Navigator Playbook updates

• Each *optional* task worksheet functions on its own, but all put together forms a living system and record of an organization’s EnMS
  – Multiple resources for each task have been streamlined to help you build your EnMS program one step at a time.
Resource Review: Navigator Multisite

- Reduce time & cost of implementing 50001 Ready across multiple facilities
- Enter and manage multiple sites in one portal
- Allows for ‘central office’ review, communications or completion of tasks
- Usable by agencies, sites, utilities, ESCOs etc.
Resource Review: Navigator Partner Platform

- Support, observe, and report on multiple projects
- No direct controls over projects
- Legal use of DOE 50001 Ready logos and Co-branded Navigator & recognition
- Usable by agencies, sites, utilities, ESCOs etc.

- Partner platform supports individual projects in both the 2011 and 2018 version of the Navigator.

What can you do with the partner platform?

1. Organize multiple facilities into cohorts.
2. Use 50001 Ready logo on your website and materials
3. Your logo on Navigator and recognition certificate
4. Add custom guidance for each task
DOE will help you promote your 50001 Ready success!

50001 Ready Partners and Facilities receive:

- DOE facility certificates of recognition
- Promotional package tailored to your needs:
  - Your company logo featured on DOE 50001 Ready sites
  - Project showcase to highlight your achievements
  - Access to customizable press material and resources
Utilities and Implementers: Increase SEM Program Participation

- Through 50001 Recognition, increase attention, reach, and recognition for participating utilities and implementer programs
- When facilities self attest to the completion of 50001 Ready, DOE helps to promote the success of the facility, implementer, and utility through project showcases and implementer case studies.

Links to latest Project Showcases and Case Studies
- go.lbl.gov/50001Ready/SEG
- go.lbl.gov/50001Ready/Tronox
- go.lbl.gov/50001Ready/ArcelorMittal
Private and public organizations are incorporating the continual improvement practices from the 50001 Ready Navigator into their business-to-business and utility program offerings.

DOE is seeking to partner with U.S.-based organizations to expand the use and increase end-user benefits of 50001 Ready assets.

Utilities and Partners already engaged with 50001 Ready:
If you use of ISO 50001, then you should drive its future!

Interested in making global impact to the further advancement of energy management?

The US Technical Advisory Group (TAG) to ISO Technical Committee (TC) 301 is the official ANSI TAG responsible for representing US positions on energy management, efficiency, and savings standards being developed internationally.

**Why Join the US TAG to ISO TC 301?**

Gain a better understanding of, and influence over, new and upcoming energy-related standards:

- **Technical Influence** - Represent the US position in working groups developing ISO standards in TC 301
- **Early Access** – Provide input to evolving standards
- **Professional Development** - Interact and learn from other technical experts, create a personal network, and hear global perspectives on important issues.
- **Leadership** - Develop experience in teamwork and in the art of consensus building.

To learn more contact Deann Desai, TAG Administrator, at deann.desai@innovate.gatech.edu

ISO Technical Committee 301, 2019 Plenary Meeting, Vienna, Austria

*US TAG to ISO TC 301 is not a DOE program, but a professional membership offered on a fee-based structure with multiple levels of entry options available.*
Visit the 50001 Ready website at energy.gov/50001Ready

- Download sample utility partner profiles and program implementation guides
- Find links to the Navigator and EnPI Lite

Stay informed

- CONTACT ethan.rogers @ee.doe.gov to add others to this utility network distribution list

- Sign up at energy.gov/50001Ready for email updates about ISO 50001 and related DOE programs