

Accelerating ISO 50001 Adoption in the U.S.

DOE will launch a new campaign in 2Q17 to accelerate use of Energy Management Systems (EnMS) in the United States

Help U.S. companies move towards ISO 50001 preparedness

Looking for early support partners - utilities, cities, and states that could benefit

Will provide software tools and recognition for being “50001 Ready”

Want to make the market work, not to control the market

The Objective

Accelerate U.S. market acceptance, awareness, and adoption of ISO 50001 EnMS as the most cost effective, brand impacting pathway for sustained, verifiable energy efficiency improvements and impactful sustainability

Three Steps to Becoming 50001 Ready

STEP 1	<i>Self-declaration of 50001 preparedness 50001 Navigator walks user through process</i>
STEP 2	<i>Validation of energy and emissions reductions Regression-based tool shows energy savings</i>
STEP 3	<i>Submit results to DOE (or partnered service provider) for 50001 Ready recognition</i>

***DOE or Utility
recognized for
conformance to
ISO standards***

STEP 4 (non-DOE program)

***Pursue ISO 50001
Certification***

***Hire external auditor and
certification body to
receive ISO 50001
Certification***

What “50001 Ready” Is... and Is Not

“50001 Ready” Is Not...

A standalone DOE program

- Designed to be branded & customized by the utility, state, etc.
- DOE willing to co-brand 50001 Ready recognition
- DOE is not ‘claiming’ savings

Designed to replace current Utility SEM programs or offerings

- Can be jump start into SEM or integrated into advanced SEM program
- Requires minimal effort to integrate with existing SEM programs

A certification program

- Builds infrastructure toward certification (if desired) – hence Ready
- Provides recognition for ISO 50001 self-declared

“50001 Ready” Is...

A set of tools for rebranding/repurposing

- by service companies, utilities, cities, states, etc.

User-friendly tools to establish an energy management system consistent with ISO 50001 structure

- Should not require ‘certified’ professionals to implement; but may leverage existing program support people or CP EnMS professional

Regression-based energy & emissions savings calculator (QEST)

- Based on utility SEM ‘best practices’ and CPP guidance
- DOE will share tool for partner analysis and adoption

A promoter of consistent energy management principles and savings numbers

- Based on ISO 50001 guidance used across the globe
- Output consistent across sectors, geography, service territories

Not a policy requiring certification

- Option to move to ISO 50001/SEP certification (as Tier 2 program)

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