



5 THINGS YOU SHOULD KNOW ABOUT ISO 50001

Energy experts from more than 60 countries developed ISO 50001 to help businesses develop and implement a robust energy policy by establishing objectives, targets, and action plans to control energy use. The goal is to improve energy-related performance and identify energy reduction opportunities.

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WHAT IS ISO 50001?

ISO 50001 is the international standard on energy management practices. Created by the International Organization for Standardization (ISO), it specifies the requirements for establishing, implementing, maintaining and improving an energy management system.

This allows an organization to follow a systematic approach in achieving continual improvement of energy performance. The goal is to help organizations continually reduce or create more efficiencies in their energy use, along with energy cost savings, and greenhouse gas emission reductions.

WHAT DOES ISO 50001 PROVIDE?

ISO 50001 provides a framework of requirements that help organizations to:

- > Develop a meaningful energy management policy with backing and buy-in from senior leadership
- > Set targets and objectives for energy improvement projects
- > Measure and report the results
- > Use data to make decisions concerning energy use and consumption
- > Continually improve energy management

WHAT IS THE METHODOLOGY?

ISO 50001 uses specific methodology focused on a continual improvement process to achieve environmental performance objectives. The process follows a plan - do - check - act approach.



WHY DOES ENERGY MANAGEMENT MATTER?

While the term "energy management" may sound complicated, ISO 50001 is a manageable approach to energy consumption and its related procedures that can benefit businesses of all sizes. The standard can help organizations develop effective best practices for energy management, resulting in monetary savings that can be put back into the company. And as businesses lower their energy consumption, we all benefit from a cleaner, more sustainable earth.

Plan

- > Top management responsible for plan
- > Appoint an energy officer and team
- > Formulate energy policy
- > Communicate energy policy
- > Determine objectives and action plans

Do

- > Management prepares written valuation
- > Management review
- > Energy-related processes optimized
- > New strategic goals

Check

- > Implement objectives and processes
- > Determine responsibilities
- > Resources made available
- > Training and communication
- > Energy management system starts

Act

- > Internal audit
- > Management review
- > Documented results
- > Reports to top management

ISO 50001 AND IRON MOUNTAIN DATA CENTERS

Iron Mountain Data Centers is the only global colocation data center provider to have an enterprise-wide ISO 50001 Certified Energy Management System.

As a data center provider, we utilize a large amount of electricity to scale and stay operational. Yet we are committed to utilizing energy consumption in a responsible, meaningful and measurable way.

Through ISO 50001, we are held to strict standards of how we show evidence of continual improvement in our energy efficiency efforts, and how we engage all parts of the business to accelerate the program each year. This audit is performed by an independent and objective third party and provides a wealth of value back to the organization.

