

ISO 50001:2011 Energy Management System

What is ISO 50001:2011?

- ISO 50001 is a radical on the management system framework of continual improvement also used for long familiar standards such as ISO 9001 or ISO 14001. this makes it comfortable for organizations to corporate energy management into their overall attempts to better quality and environmental management.

Requirements

- ISO 50001:2011 renders a model of needs for organizations to :
 - Formulate a policy for more efficient consumption of energy
 - Define targets and objectives to satisfy the policy
 - Use data to better realize and make conclusions about energy use.
 - Evaluate the results
 - Respect how well the policy works and
 - Continually amend energy management

Why should my company care about ISO 50001?

- Energy is a vital part of an organization's process and can one of the largest governable costs, depending on the activities. Organizations maximize the use of their energy resources and energy related assets based on improved energy performance. ISO 50001 provides a model for organizations to make positive impact towards reducing depletion of energy resources.

Does my organization need to be certified to ISO 50001 to improve our energy management

- Organizations can take many steps to start better energy management without becoming certified. Certification to ISO 50001 provides an integrated approach that incorporates energy management into the company resulting in substantiate energy savings and continual improvements in energy performance over time.

Key Elements

- Energy policy
- Cross – divisional management team
- Energy review
- Baseline(s)
- Energy performance indicators
- Energy objectives and targets
- Actions plan
- Operating controls and procedures
- Measurement, management and documentation
- Internal audit of progress

Benefits

- Works from large to small organizations
- Improved cost savings
- Helps to achieve energy efficiency and compliance
- Reduced environmental impact
- Coordinating energy programs
- Facilitates external financial incentives