

# ISO 50004:2020 (E)

## Energy management systems — Guidance for the implementation, maintenance and improvement of an ISO 50001 energy management system

---

### Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms, definitions and abbreviated terms
3.1	Terms and definitions
3.2	Abbreviated terms
4	Context of the organization
4.1	Understanding the organization and its context
4.2	Understanding the needs and expectations of interested parties
4.3	Determining the scope of the energy management system
4.4	Energy management system
5	Leadership
5.1	Leadership and commitment
5.2	Energy policy
5.3	Organization roles, responsibilities and authorities
6	Planning
6.1	Actions to address risks and opportunities
6.2	Objectives, energy targets and planning to achieve them
6.3	Energy review
6.3.1	General
6.3.2	Analysis of energy use and consumption
6.3.3	Identification of SEUs based on the analysis
6.3.4	Actions related to SEUs
6.3.5	Determination and prioritization of potential opportunities for improving energy performance
6.3.6	Estimation of future energy use(s) and energy consumption
6.4	Energy performance indicators
6.5	Energy baseline
6.6	Planning for collection of energy data
7	Support
7.1	Resources
7.2	Competence
7.3	Awareness
7.4	Communication
7.5	Documented information
7.5.1	General
7.5.2	Creating and updating
7.5.3	Control of documented information
8	Operation
8.1	Operational planning and control
8.2	Design
8.3	Procurement

- 9**            **Performance evaluation**
  - 9.1**            **Monitoring, measurement, analysis and evaluation of energy performance and the EnMS**
    - 9.1.1**          **General**
    - 9.1.2**          **Evaluation of compliance with legal requirements and other requirements**
  - 9.2**            **Internal audit**
  - 9.3**            **Management review**
- 10**           **Improvement**
  - 10.1**          **Nonconformity and corrective action**
  - 10.2**          **Continual improvement**

**Page count: 37**