

Steps outlined in ISO 50001 to develop an energy management system (EMS)



1

Context of the organisation

- Understanding the organisation and its context
- Understanding stakeholder needs and expectations
- Determining the energy management system’s scope
- Energy management system

2

Leadership

- Leadership and commitment
- Energy policy
- Roles, responsibilities and authorities within the organisation

3

Planning

- Actions to address risks and opportunities
- Objectives, energy targets and planning to achieve them
- Energy review
- Energy performance KPIs
- Energy baseline
- Planning for energy data collection

4

Support

- Resources
- Expertise
- Awareness
- Communication
- Documented information

5

Operation

- Operational planning and control
- Design
- Acquisition

6

Performance evaluation

- Monitoring, measurement, analysis and evaluation of energy performance and the EMS
- Internal audit
- Management review

7

Improvement

- Non-compliance and corrective action
- Continuous improvement

• Plan • Do • Check • Act

Source: ISO