

# General Energy Management



## TECHNICAL COMMITTEES ON GENERAL ENERGY MANAGEMENT STANDARDIZATION

### - International level -

#### ISO/TC 301: Energy Management and Energy Savings

##### Scope

ISO/TC 301 aims to develop standards and guidance in the field of energy management for improved energy performance and energy savings calculations.

### - European level -

#### CEN/CLC JTC 14: Energy Management and Energy Efficiency in the Framework of Energy Transition

##### Scope

CEN/CLC JTC 14 deals with the field of energy management within the energy transition framework in close coordination with CEN/CENELEC sectorial strategy.

## MAIN STANDARDS ON GENERAL ENERGY MANAGEMENT

### ISO/TC 301: Energy Management and Energy Savings

ISO/IEC 13273-1:2015	Energy efficiency and renewable energy sources — Common international terminology Part 1: Energy efficiency
ISO 17741:2016	General technical rules for measurement, calculation and verification of energy savings of projects
ISO 17742:2015	Energy efficiency and savings calculation for countries, regions and cities
ISO 17743:2016	Energy savings — Definition of a methodological framework applicable to calculation and reporting on energy savings
ISO 50001:2018 and amendment	Energy management systems — Requirements with guidance for use
ISO 50002:2014	Energy audits — Requirements with guidance for use
ISO 50006:2023	Energy management systems — Evaluating energy performance using energy performance indicators and energy baselines
ISO 50015:2014	Energy management systems — Measurement and verification of energy performance of organizations — General principles and guidance
ISO 50047:2016	Energy savings — Determination of energy savings in organizations
ISO 50049:2020	Calculation methods for energy efficiency and energy consumption variations at country, region and city levels
ISO 50046:2019	General methods for predicting energy savings
ISO/TS 50044:2019	Energy saving projects (EnSPs) — Guidelines for economic and financial evaluation

### CEN/CLC JTC 14: Energy Management and Energy Efficiency in the Framework of Energy Transition

EN 17267:2019	Energy measurement and monitoring plan - Design and implementation - Principles for energy data collection
EN 16247 series	Energy audits <ul style="list-style-type: none"> <li>• Part 1: General requirements</li> <li>• Part 2: Buildings</li> <li>• Part 3: Processes</li> <li>• Part 4: Transport</li> <li>• Part 5: Competence of energy auditors</li> </ul>
EN 17669:2022	Energy Performance Contracts - Minimum requirements
EN 15900:2010	Energy efficiency services - Definitions and requirements
EN 16231:2012	Energy efficiency benchmarking methodology
EN 16212:2012	Energy Efficiency and Savings Calculation, Top-down and Bottom-up Methods
EN 17463:2021	Valuation of Energy Related Investments (VALERI)
EN ISO 50001:2018 and amendment	Energy management systems - Requirements with guidance for use (ISO 50001:2018)