

BUREAU OF INDIAN STANDARDS

Program of Work

MED 39 : Energy Management and Energy Savings Sectional Committee

Scope: Standardization in the field of energy management and energy savings, including for example: energy efficiency, energy performance, energy supply, procurement practices for energy using equipment and systems, and energy use as well as measurement of current energy consumption, implementation of a measurement system to document, report, and validate continual improvement in energy management and evaluation / determination of energy savings.

Liaison: **TC-301 (P):** *Energy management and energy savings*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS/ISO/IEC 13273-1 : 2015 ISO/IEC 13273-1 : 2015 Reaffirmed but not taken up for revision ISO/IEC 13273-1:2015	Energy efficiency and renewable energy sources - Common international terminology: Part 1 energy efficiency		-	Identical under single numbering
2	IS/ISO/IEC 13273-2 : 2015 ISO/IEC 13273-2 : 2015 Reaffirmed but not taken up for revision ISO/IEC 13273 : Part 2 : 2015	Energy efficiency and renewable energy sources - Common international terminology: Part 2 renewable energy sources		-	Identical under single numbering
3	IS/ISO 17741 : 2016 ISO 17741 : 2016 Reaffirmed but not taken up for revision ISO 17741 : 2016	General technical rules for measurement, calculation and verification of energy savings of projects		-	Identical under single numbering
4	IS/ISO 17742 : 2015 ISO 17742 : 2015 Reviewed In : 2022 ISO 17742 : 2015	Energy efficiency and savings calculation for countries, regions and cities	February, 2022	-	Identical under single numbering
5	IS/ISO 17743 : 2016 ISO 17743 : 2016 Reaffirmed but not taken up for revision	Energy savings - Definition of a methodological framework applicable to calculation and reporting on energy savings		-	Identical under single numbering

	ISO 17743 : 2016				
6	IS/ISO 50001 : 2018 ISO 50001 : 2018 ISO 50001 : 2018	Energy management systems - Requirements with guidance for use (First Revision)	-	-	Identical under single numbering
7	IS/ISO 50002 : 2014 ISO 50002 : 2014 Reviewed In : 2022 ISO 50002 : 2014N/A	Energy audits - Requirements with guidance for use	February, 2022	-	Identical under single numbering
8	IS/ISO 50003 : 2021 50003 50003	Energy management systems Requirements for bodies providing audit and certification of energy management systems First Revision		-	Identical under single numbering
9	IS/ISO 50004 : 2020 50004 50004	ENERGY MANAGEMENT SYSTEMS GUIDANCE FOR THE IMPLEMENTATION MAINTENANCE AND IMPROVEMENT OF AN ISO 50001 ENERGY MANAGEMENT SYSTEM First Revision		-	Identical under single numbering
10	IS/ISO 50005 : 2021 50005:2021 50005:2021	ENERGY MANAGEMENT SYSTEMS GUIDELINES FOR A PHASED IMPLEMENTATION		-	Identical under single numbering
11	IS/ISO 50006 : 2023 ISO 50006:2023 ISO 50006:2023	Energy Management Systems Evaluating Energy Performance using Energy Performance Indicators and Energy Baselines First Revision		-	Identical under single numbering
12	IS/ISO 50007 : 2017 ISO 50007 : 2017 Reviewed In : 2024 ISO 50007	Energy Services “ Guidelines for the Assessment and Improvement of the Energy Service to Users	May, 2024	-	Identical under single numbering
13	IS/ISO 50009 : 2021 50009 50009	Energy management systems Guidance for implementing a common energy management system in multiple organizations		-	Identical under single numbering
14	IS/ISO/PAS 50010 : 2023 ISO/PAS 50010 : 2023 ISO/PAS 50010 : 2023	Energy Management and Energy Savings - Guidance For Net Zero Energy In Operations Using An ISO 50001 Energy Management System		-	Identical under single numbering
15	IS/ISO/TS 50011 : 2023 ISO/TS 50011 : 2023 ISO/TS 50011 : 2023	Energy Management Systems Assessing Energy Management Using ISO 50001 : 2018		-	Identical under single numbering
16	IS/ISO 50015 : 2014 ISO 50015 : 2014 Reviewed In : 2022 ISO 50015 : 2014	Energy management systems - Measurement and verification of energy performance of organizations - General principles and guidance	February, 2022	-	Identical under single numbering
17	IS/ISO 50045 : 2019 ISO 50045 : 2019 Reviewed In : 2024 ISO 50045	Technical Guidelines for the Evaluation of Energy Savings of Thermal Power Plants	May, 2024	-	Identical under single numbering

18	IS/ISO 50046 : 2019 ISO 50046 : 2019 Reviewed In : 2024 ISO 50046	General Methods for Predicting Energy Savings	May, 2024	-	Identical under single numbering
19	IS/ISO 50047 : 2016 ISO 50047 : 2016 Reaffirmed but not taken up for revision ISO 50047 : 2016	Energy savings - Determination of energy savings in organizations		-	Identical under single numbering
20	IS/ISO 50049 : 2022 50049:2020 50049:2020	CALCULATION METHODS FOR ENERGY EFFICIENCY AND ENERGY CONSUMPTION VARIATIONS AT COUNTRY REGION AND CITY LEVELS		-	Identical under single numbering

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	MED 39 (26050)	Energy management systems - Requirements with guidance for use First Revision Amendment - 1

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Total Published Standards:18 Total Standards Under development:1

Aspect Wise Report

Product : 0
Code of Practices : 2
Methods of Test : 0
Terminology : 2

Dimensions : 0
System Standard : 16
Safety Standard : 0
Others : 0
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded
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SI. No.	IS No. & Year	Title
<i>No Records Found</i>		

Annexure-II :List of Indian Product Standards
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SI. No.	IS No. & Year	Title
<i>No Records Found</i>		