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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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Energy performance measurement and verification guidelines

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the redrafting method to amend and adopt ISO 50015.2014 "Energy Management System Organization Energy Performance Measurement and Verification Base"

These Principles and Guidelines.

Compared with ISO 50015.2014, this standard has many adjustments in structure.
Appendix A lists this standard and ISO 50015.2014

A list of changes in chapter numbers.

The main technical differences between this standard and ISO 50015.2014 and the reasons are as follows.

--- Regarding normative reference documents, this standard has made adjustments with technical differences to adapt to my country's technical conditions and adjustments.

The situation is collectively reflected in Chapter 2 "Normative Reference Documents", and the specific adjustments are as follows.

* Added reference to GB/T 13234 that is not equivalent to international standards, and GB/T 23331 that is equivalent to international standards and amendments

Adopt international standard GB/T 36713.

---The benchmark period (3.1), energy performance improvement measures (3.5), energy (3.6), energy benchmark (3.7),

Energy consumption (3.8), energy performance (3.9), energy performance improvement (3.10), energy performance parameters (3.11), energy use (3.12),

Unconventional adjustments (3.16), organization (3.17), related variables (3.18), reporting period (3.19), main energy use (3.21) and static

The terms and definitions of factors (3.22), which have been mentioned in GB/T 13234, GB/T 23331 and GB/T 36713

And, only the important terms and definitions that are directly related to this standard and have not been defined or adjusted are retained.

This standard has made the following editorial changes.

---Change the standard name to "Guidelines for Energy Performance Measurement and Verification";

---Delete the example of measurement uncertainty in informative Appendix B;

---Adjust the sequence of the measurement and verification flowchart of Appendix A to Appendix B;

---References are deleted.

This standard was proposed and managed by the National Standardization Technical Committee on Energy Foundation and Management (SAC/TC20).

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Company, China Classification Society Quality Certification Corporation, China National Accreditation Center for Conformity Assessment, Zhejiang Caidie Industrial Co., Ltd., Huazhong Science and Technology University

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Environmental Service Industry Alliance, Beijing Lichuang Wisdom Technology Co., Ltd., Guangzhou Wisdom Energy Co., Ltd.

Introduction

The purpose of this standard is to measure and verify the organization's energy performance and energy performance improvement (M

The significance of verification is to improve the credibility of energy performance and energy performance improvement results. Reliable results help promote energy performance

Improve.

This standard applies to any type of energy use.

This standard applies to the following organizational levels.

---All kinds of organizations, regardless of whether they have established an energy management system (such as ISO 50001);

---Used for measurement and verification of energy performance and energy performance improvement;

---The whole organization or part of the organization.

This standard applies to organizations of any size, measurement and verification personnel, and other related parties that report energy performance results through measurement and verification.

Guan Fang. The principles and guidelines given in this standard can be used alone or in combination with other standards or regulations. The principle proposed by this standard

The rules and guidelines are not required by ISO 50001, but can be used for organizations that are using ISO 50001.

This standard does not specify calculation methods, but establishes relevant measurement and verification and the application of different calculation methods in measurement and verification.

Universal concept. Relevant principles and guidelines apply to various measurement and verification methods.

Appendix B outlines the measurement and verification process in this standard.

Energy performance measurement and verification guidelines

1 Scope

This standard establishes general guidelines for energy performance measurement and verification.

This standard applies to any organization.