

ICS 27.010
CCS F 01



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

GB/T 46563-2025

Guidelines of energy efficiency grading for public institutions

公共机构能效分级导则

Issued on: October 31, 2025

Implemented on: February 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was jointly proposed by the Standardization Administration of China and the State Administration of Government Offices. This document is under the jurisdiction of the National Technical Committee on Standardization of Energy Infrastructure and Management (SAC/TC20). This document was drafted by: China Electric Power Research Institute Co., Ltd., China National Institute of Standardization, State Administration of Government Offices, and the People's Republic of China. Science and Technology Development Center of the Ministry of Housing and Urban-Rural Development of the People's Republic of China, State Grid Integrated Energy Service Group Co., Ltd., and State Grid Energy Research Institute Limited Liability Company. The main drafters of this document are: Guo Yi, Zhang Lan, Wang Songcen, Li Jianfeng, Zhang Xinghua, Li Dezhi, Tang Fang, Bai Yan, Wang Xin, Zhang Yun, Rong Ying, and Zhang Lijuan. Ding Hongtao, Zou Shengfeng, Liu Dingyuan, Miao Changhai, Zhang Han, Yu Yaoxian, Zhong Ming, Pang Jingshuai. Guidelines for Energy Efficiency Classification of Public Institutions

1 Scope

GB/T 46563-2025 is the Chinese national standard covering grading a government office, school or hospital on the energy it uses - the consumption normalised by floor area or by person, the correction for climate and for what the building actually does, and the bands that let one be compared with another. First edition, in force from 1 February 2026. Issued on 31 October 2025, it has been in force since 1 February 2026.

This document sets out the general rules and information collection for energy efficiency grading of public institutions and describes the energy efficiency grading methodology. This document applies to energy efficiency classification of public institutions at all levels that are independent, jointly operated, or centrally located. Other relevant institutions may refer to

this document for implementation.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document, wherein dated citations... For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 17166 General Technical Guidelines for Energy Auditing

GB 17167 General Rules for the Configuration and Management of Energy Measuring Instruments in Energy-Using Units

GB/T 29149 Requirements for the Configuration and Management of Energy Resource Measuring Instruments in Public Institutions

GB/T 31342 Technical Guidelines for Energy Audits of Public Institutions

GB/T 34913 Classification and Representation of Energy Consumption in Civil Buildings

GB/T 40498 General Rules for the Compilation of Energy Consumption Quota Standards for Public Institutions

GB 50176 Code for Thermal Design of Civil Buildings

GB/T 51161 Energy Consumption Standard for Civil Buildings

3 Terms and Definitions

The terms and definitions defined in GB/T 31342 and GB/T 40498, as well as the following terms and definitions, apply to this document.

3.1 public institutions State organs, public institutions, and social organizations that use all or part of the government's funds. [Source: GB/T 31342-2014, 3.1]

3.2 constraint value The limits on relevant energy consumption indicators that are allowed under the premise of ensuring the normal operation of public institutions. [Source: GB/T 40498-2021, 3.7]

3.3 Reference value Under the premise of ensuring the normal operation of public institutions, the basic energy consumption indicators that can be achieved after taking certain energy-saving management and technical measures are implemented. Level value. [Source: GB/T 40498-2021, 3.8]

3.4 leading value Under the premise of ensuring the normal operation of public institutions, the relevant energy consumption indicators that can be achieved by adopting more effective energy-saving management and technical measures.