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**Evaluation method for comprehensive utilization of data center
energy**

数据中心能源综合利用评价方法

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

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This document was drafted by: China Electronics Technology Standardization Institute, Super Fusion Digital Technology Co., Ltd., China Mobile Communications Group Design Institute Co., Ltd., Shenzhen Deweixian Technology Co., Ltd., National Energy Conservation Center, China National Petroleum Corporation Exploration and Development Research Institute Institute, China Electronics Science and Technology Putian Technology Co., Ltd., Qinghai Provincial Development and Reform Commission, Lanzhou University of Technology, Suzhou Leader Energy Technology Co., Ltd.

Company, Beijing Capital Highway Development Group Co., Ltd., China Science and Technology Saineng (Beijing) Technology Co., Ltd., China Electronics Science and Technology Big Data Research Institute Co., Ltd.

Co., Ltd., China Communications Service Consulting and Design Institute Co., Ltd., China

Electronics Technology Standardization Institute East China Branch, Karamay Carbon and Network Technology Co., Ltd.

Co., Ltd., China United Network Communications Co., Ltd. Beijing Branch, China Information Post and Telecommunications Consulting and Design Institute Co., Ltd., Beijing Tonghe Shiyi Telecom Institute of Science and Technology Co., Ltd., Zhongtongfu Construction Co., Ltd., Chengfang Financial Information Technology Service Co., Ltd., Shaanxi Ziguang New Energy Technology Co., Ltd., Nanjing Jialitu Computer Room Environment Technology Co., Ltd., China Construction Bank Corporation, Xiangjiang Technology (Group) Co., Ltd., Zhongguancun Xiezhong Chuangzhi Information Industry Promotion Association, China Energy Engineering Group Guangxi Electric Power Design Institute Co., Ltd., Guangdong Telecom Planning and Design Institute Co., Ltd., Tianjin Yitian Digital Service Co., Ltd., China Electronics Engineering Design Institute Co., Ltd., Zhidi Communication Technology (Beijing) Co., Ltd. and Lanyang (Ningbo) Technology Co., Ltd.

The main drafters of this document are: Liu Yu, Gao Shuchen, Zhou Dongdong, Zhang Xuebin, Mei Yuanpu, Yang Shaopeng, Guo Kai, Yu Qingyou, Zhang Zhaohui, Liu Haishan, Lin Jie, Lü Yi, Sun Hao, Wei Limei, Xiao Tianli, Fan Chaoyang, Yu Kai, Wei Junqi, Yan Wang, Jin Qian, Lu Zhijun, Zhang Jia, Teng Da, Wang Tao, Zhao Huanhuan, Li Huaining, Liu Yibin, Xiao Xin, Bian Xin, Liu Jinnan, Xu Haijin, Hou Jie, Wang Zhiyuan, Lü Tianwen, Wang Hualong, Cheng Jinhui, Yu Yijia, Zhu Tianchi, Ye Xiaojian, Zhang Xu, Jin Yu, Zhang Dejun, and Bai Ruichen.

Evaluation method for comprehensive energy utilization in data centers

1 Scope

This document establishes the evaluation level of comprehensive energy utilization in data centers, stipulates the evaluation indicators, comprehensive energy utilization management requirements and evaluation method.

This document is applicable to the evaluation of key performance indicators of comprehensive energy utilization in data centers, and is also applicable to data in industrial energy conservation monitoring work.

Center energy efficiency inspection and data center energy comprehensive utilization level evaluation.

2 Normative references

GB/T 2887-2011

GB/T 9361-2011

GB 17167

GB/T 32910.3-2016

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 data center

It consists of computer space (computer room), other infrastructure, information system hardware and software (physical and virtual resources), information resources (data) and personnel.

and corresponding rules and regulations.

[Source. GB/T 32910.1-2017, 2.1]

3.2 renewable energy

A type of primary energy that can be regenerated on Earth to a certain extent by natural processes.

Note. When calculating the utilization rate of renewable energy in this document, only renewable energy that is directly converted into electricity is included, such as solar energy, hydropower, wind energy, biomass energy, etc.

Mass energy, ocean energy and geothermal energy, etc.

[Source. GB/T 32910.1-2017, 2.7]

3.3 energy utilization

A data center's use of energy to support its normal operation.

3.4 energy objective

A concrete demonstration that the data center's energy policy is being followed, with clear expected results.

[Source. GB/T 32910.1-2017, February 16]