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

GB/T 44633-2024

**Technical specification for information reporting of electric
power emergency**

电力突发事件信息报送技术规范

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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. This document is proposed and coordinated by the China Electricity Council. This document was drafted by: State Grid Smart Grid Research Institute Co., Ltd., State Grid Corporation of China, National Energy Administration, State Grid Fujian Electric Power Co., Ltd., State Grid Beijing Electric Power Company, State Grid Tianjin Electric Power Company, State Grid Shaanxi Electric Power Company, State Grid Jiangsu Electric Power Company Company, State Grid Anhui Electric Power Co., Ltd., State Grid Shanghai Electric Power Company, State Grid Gansu Electric Power Company, China Southern Power Grid Co., Ltd. company. The main drafters of this document are. Wang Tianyu, Yu Zhen, Tang Shiyang, Wang Han, Li Tao, Feng Jie, Song Yongchao, Shen Guicheng, Pan Xuan, Yu Bo, Liu Huping, Yao Yuan, Li Zhouyan, Liu Jun, Lu Qian, Xu Xiyuan, Guo Yusong, Fang Diange, Song Kun, Cao Wei, Guan Cheng, Mi Xinhe, Zhang Zehao, Yan Yiran, Liu Zeyu, Zhang Yexin, Rona. Technical

Specifications for Reporting Information on Power Emergency Events

1 Scope

GB/T 44633-2024 specifies how information about a power system emergency is reported. In the first hour of a major outage the national and provincial emergency authorities are working from whatever the affected utilities have sent them, and reports that use different fields, different units and different severity words cannot be aggregated into a picture of what is happening; the value of a reporting standard is that it makes the incoming stream machine-readable while it is still arriving. The standard sets the structure of the reported data, then the submission requirements for the event information, the reporting unit information and the attachments, with the specific content required for natural disasters, accidents, public health events, public security incidents and cybersecurity incidents, followed by the acceptance and checking of a report and worked examples of the reporting codes. It takes effect on 1 April 2025.

This document specifies the requirements for reporting power emergency information and provides coding examples. This document applies to information coding when the reporting entity reports power emergency information through the emergency command information system.

2 Normative references

This document has no normative references.

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Occurs suddenly, causing or likely to cause casualties, damage to power equipment (facilities), large-scale power outages, environmental damage, and other hazards to power supply. The industry and public safety are stable, and emergency response measures are needed to deal with natural disasters, accidents, public health incidents and social security event.

3.2 emergency information Relevant information such as the scale and intensity of power emergencies, casualties, losses of power equipment (facilities), and emergency response.

3.3 Use information technology, network and communication technology to provide instructions for daily emergency management and emergency response to emergencies system.

4. Information data reporting content structure The data content structure of the reported information is shown in Figure

1. The main data includes the event information part, the reporting unit information part,

various types of emergency information, and the The information part of each type of emergency event selects the corresponding data structure according to the type of emergency event reported. When the data structure is implemented through programming, it can adopt file formats such as XML and JSON.

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