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

GA 1800.1-2021

**Requirements for public security and counter-terrorist of
electric power system - Part 1: Power grid companies**

电力系统治安反恐防范要求 第1部分 电网企业

(English Translation)

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Foreword

This document is in accordance with GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting.

This document is GA

Part 1 of 1800-2021 "Requirements for Anti-terrorism Prevention of Public Security in Power System". GA 1800-2021 has been released the following parts.

- Part 1: Power grid enterprises;
- Part 2: Thermal power generation enterprises;
- Part 3: Hydroelectric power generation enterprises;
- Part 4: Wind power companies;
- Part 5: Solar power generation companies;
- Part 6: Nuclear power generation companies.

This document is prepared by the Office of the National Anti-Terrorism Work Leading Group, the Public Security Administration of the Ministry of Public Security, the

Anti-Terrorism Bureau of the Ministry of Public Security, and the Science and Technology Information of the Ministry of Public Security the Bureau of Chemistry proposed.

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100) Centralized.

1 Scope

This document specifies the key objectives and key parts of the public security and anti-terrorism prevention of power grid enterprises, the level of key objectives and the prevention level, and the overall prevention Requirements, normal three-level protection requirements, normal second-level protection requirements, normal first-level protection requirements, abnormal protection requirements and safety protection system technology Require.

This document is applicable to the security and anti-terrorism prevention work and management of power grid enterprises.

2 Normative references

The contents of the following documents constitute the indispensable clauses of this document through normative references in the text. Among them, dated quotations Only the version corresponding to that date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document.

GB/T

2900.59-2008 Electrical terminology power generation, transmission and distribution substation GB

12899 General Technical Specification for Handheld Metal Detectors GB 17565-2007 General technical requirements for anti-theft security doors GB/T

22239 Information Security Technology Network Security Level Protection Basic Requirements GB/T

28181 Technical requirements for information transmission, exchange and control of public security video surveillance networked systems GB/T 29328-2018 Technical specification for power supply and self-provided emergency power supply configuration for important power users GB/T

32581 Technical requirements for intrusion and emergency alarm systems GB

35114 Public security video surveillance network information security technical requirements GB/T 37078-2018 Technical requirements for entrance and exit control

system GB

37300 Video image information collection specification for key public safety areas GB

50348 Security Engineering Technical Standard GA

69 Explosion-proof blanket

GA/T

644 Technical requirements for electronic inspection system

3 Terms and definitions GB/T 2900.59-2008, GB/T 29328-2018, GB the terms defined by 50348 and the following terms and definitions apply to this document.

Grid power

grid

A combination of power transmission, substation, power distribution devices, equipment, facilities and related auxiliary facilities used to transmit and distribute electrical energy.

Substation

In the AC transmission and distribution system, a site established to complete the transformation of voltage levels and realize power distribution.

Converter station

station

A transformer substation installed with an inverter and mainly used to convert AC to DC or DC to AC.