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

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**Smart cities - City service continuity against disasters -
Guidance for electrical supply**

智慧城市 应对灾害的城市服务连续性 电力供应指南

(English Translation)

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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 is required.

This document is equivalent to IEC 63152:2020 "The role of electricity supply in urban service continuity for disaster response in smart cities".

The following minimal editorial changes have been made to this document.

--To coordinate with the existing standards, the name of the standard will be changed to "Smart City Disaster Response Urban Service Continuity Power Supply" guide".

Introduction

Disasters pose a potential threat to the continuity of urban services. Therefore, it is urgent to build a safe and reliable social environment to ensure that disasters have a minimal impact on urban services.

The negative impact of disasters can be minimized and urban services can continue to be provided to citizens during disasters.

It plays a vital role in ensuring the continuity of urban services.

Smart City Disaster Response. A Guide to Urban Service Continuity and Power Supply

1 Scope

This document establishes the concepts related to safeguarding urban services during disasters and provides guidance on establishing power continuity from the perspective of power supply.

Guide to planning and systematic approaches and measures for power continuity.

This document is applicable to city builders, city operators, equipment manufacturers, basic urban service providers and disaster managers.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to this document.

ISO 22301 Security and resilience - Business continuity management system requirements (Business Continuity Management Systems-Requirements) Note. GB/T 30146-2023 Security and Resilience Business Continuity Management System Requirements (ISO 22301:2019, IDT)

3 Terms and Definitions

The following terms and definitions apply to this document.

business continuity plan business continuity plan; BCP A documented guide for an organization to respond to disruptions and to restart, recover, and restore the delivery of products and services to meet its business continuity objectives information.

[Source. GB/T 30146-2023, 3.4] 3.2 electricity continuity plan; ECP Documented information that provides guidance to organizations on ensuring continuity of electric power supply to maintain city services in the event of an outage caused by a major incident.

electricity continuity system; ECS A system to ensure the reliable and effective implementation of the electricity continuity plan (3.2).

City Service

Services provided in the public interest.

NOTE: In this document, services are dependent on the availability of electricity.

city service continuity; CSC Urban services (i.e. public, medical, transport and communication services) provided to users during normal times are not sufficient even if urban infrastructure is functioning normally.

The state and capability of continuing to provide services in whole or in part under emergency conditions that cannot be interrupted.