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Energy internet system-Architecture and requirements

能源互联网系统 架构和要求

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Table of Contents

Preface	III
1 Scope	1
2 Normative references	1
3 Terms and Definitions	1
4 System Architecture	2
5 Basic Requirements	3
References	5

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.

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Energy Internet System Architecture and Requirements

1 Scope

This document specifies the architecture and basic requirements of the Energy Internet system.

This document applies to the planning and design of energy internet systems.

2 Normative references

GB/T 4706.32

GB/T 4706.36

GB/T 4706.94

GB 4706.109

GB 13223

GB 13271

GB 17859

GB 19576

GB 19577

GB/T 22239

GB/T 22240

GB 24500

GB/T 29328

GB 30721

GB 35574

GB/T 39204

GB/T 39775

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Energy Internet Systemenergyinternetsystem

An energy Internet physical system that realizes energy interconnection and conversion, data collection and analysis, operation monitoring and control, business applications and transactions.