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**Communication networks and systems for power utility  
automation - Part 7-2: Basic information and communication  
structure - Abstract communication service interface(ACSI)**

电力自动化通信网络和系统 第7-2部分：基本信息和通信结构 抽象通信服务接口  
(ACSI)

**(English Translation)**

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References

## 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.

This document is part 7-2 of GB/T 42151 "Electric Power Automation Communication Networks and Systems". GB/T 42151 has been published for the following part.

- Part 3: General requirements;
- Part 4: System and project management;
- Part 5: Communication requirements for functional and device models;
- Part 6: Communication configuration description language for power automation systems related to intelligent electronic devices;
- Part 7-1. Basic communication structure principles and models;
- Part 7-2. Basic information and communication structure Abstract Communication Service Interface (ACSI);
- Part 7-7. IEC 61850 related data model machine processable format for tools;
- Part 8-1. Specific Communication Service Mapping (SCSM) Mapping to MMS (ISO 9506-1 and ISO 9506-2) and ISO/IEC 8802-3.

This document is equivalent to IEC 61850-7-2:2020 "Electric power automation communication networks and systems Part 7-2. Basic information and communication Abstract Communication Service Interface (ACSI).

## Introduction

GB/T 42151 "Electric Power Automation Communication Network and System" aims to provide interoperability for all devices in the electric power automation system.

It consists of the following parts.