

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

DL/T 1414.301-2015

**Framework for energy market communications Part 301:
Common information model extensions for markets**

电力市场通信 第301部分：公共信息模型

(English Translation)

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Table of Contents

What this standard covers	1
Document data	2

What this standard covers

This standard specifies the Electricity Market Communication Common Information Model (CIM). CIM is an abstract model that describes all the main objects of power companies, especially those related to power operation and power market management. CIM provides a standard way to represent power system resources by using object classes, attributes, and relationships between them. It facilitates the integration of market management system (MMS) applications independently developed by different vendors, with multiple independently developed complete MMS And the integration of MMS and other systems involving different aspects of market management, such as capacity allocation, management, balance billing, and so on. CIM implements integration by defining a common language (ie, grammar and semantics) based on CIM, which makes these applications

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