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

DL/T 890.1-2007

**Energy management system application program
interface(EMS-API). Part 1: Guidelines and general
requirements**

**能量管理系统应用程序接口(EMS-API) 第1部分：导则和一般要求
(English Translation)**

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What this standard covers

This standard defines a reference model for the application of this model in the EMS-API standard provides a framework for the rest. The application of this standard provides DL890 EMS-API interface standards require a set of guiding principles and general infrastructure capacity. This standard describes the application of these standards some typical integration scenarios and the types of applications to be integrated. The focus of this standard such that the control center environment information exchange between various components of the application interface. Although the primary purpose of EMS-API to support the control center of each application integration, but the reference model can be applied to various applications and the control center control center outside the context of the information exchange between systems, such as with other control center, ISO, RTO and the exchange of information between the distribution system. This standard describes the role of other parts of this standard, including DL890 the Common Information Model (CIM) section, DL890 the Component Interface Specification (CIS) and DL890 part of the technology mapping section. This standard also includes an integrated infrastructure needed general ability, in favor of the integration infrastructure requirements through the CIS component interface to exchange information. Although integration infrastructure itself is not an integral part of this standard, but it provides support EMS-API interface standard certain basic services is essential. Listed in Chapter 6 of these services. This standard does not specify a particular implementation or product, nor limit the application of information within a computer system representation. This standard provides for the support of a variety of products from different vendors to provide the necessary interoperability externally visible interfaces, including semantics and pragmatics

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