

ICS 27.100
CCS F 21

DL

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

DL/T 890.405-2009

**Energy management system application program
interface(EMS-API). Part 405: Generic Eventing and
Subscription(GES)**

能量管理系统应用程序接口(EMS-API) 第405部分：通用事件和订阅(GES)
(English Translation)

Issued on: July 22, 2009

Implemented on: December 1, 2009

Issued by: National Energy Administration

Table of Contents

What this standard covers	1
Document data	2
Standards quoted by this document	3

What this standard covers

This standard provides an efficient exchange of information for the general interface. This section considers the efficient exchange of data provided by the local area network (LAN) and across the LAN ting caused. Common event and subscription (GES) API is expected to be able to achieve application integration provides a major means. Outside the scope of the GES API, API solve other high-performance applications running system, real-time interaction requirements, as well as for request/response universal data access and other issues. DL/T 890. 405 derived from the Object Management Group (OMG) industrial data acquisition system alarms and events (DAIS A & E) specification. OMG DAIS A & E depends on the OMG Data Access Facilities (DAF) and OPC Alarms and Events (A & E) specification. OMG DAIS A & E is a platform using CORBA as a platform related models (PSM), while the OPC A & E as a platform for the introduction of COM PSM. Want to learn OMG DAIS A & E and OPC A & E 's implementation should read these documents. GES Interface 's goal is to work with other DL 890 -based interfaces to interoperate. Therefore, it is possible to use the information obtained from the other interfaces to access the same information, such as: object identifier, property name or identifier, class name or identifier. GES in the realization of the interface on the server, data organization ways to browse through the data and meta-data view by mouth. If the client know in advance that object classes and attribute identifiers, you can also use the data access interface instead of directly through the browser interface. Object identifier obtained from other data interfaces to extract, for example, a file, or DL 890. 404 CIM XML interface. Documentation DL 890. 45 ?? will describe what classes

Document data

International classification (ICS): 27.100.

Chinese classification (CCS): F21.

Estimated length of the Chinese original: 24,241 words.

Adopted international standard: IEC 61970-405-2007, IDT.

Standards quoted by this document

DL/T 890.1; DL/T 890.2; DL/T 890.301; DL/Z 890.401; DL 890.402