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

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**Coding standard for power plant identification
system**

电厂标识系统编码标准

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Identification System"

It is hereby to approve the "Coding Standard for Power Plant Identification System" as national standard to come into enforcement from December 1st, 2010, with standard No. GB/T 50549-2010.

This Standard is organized by standard criteria institute of the ministry and published by China Planning Press.

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Foreword

The Standard is finished based on the Ministry of Construction on regulations in previous "On Notification of Issuing" 2006 Specification Establishment and Revision Plan (the second batch) for Engineering Construction" (JB[2006]No.136)), and by joint compilation of China Power Engineering Consulting (Group) Corporation together with relevant units.

In the compilation process, the compiling group did lots of researches, carefully concluded power plant identification experience home and abroad, conducted necessary monographic study and technological discussion, and finalized it upon examination after widely soliciting opinions and revision.

The Standard has 11 chapters and 10 annexes, mainly including: general, terms, basic regulations, general requirements for identification system, identification of fossil-fired power plant, identification of hydroelectric power plan, identification of nuclear power plan, identification of renewable energy power plan, general identification rules, engineering stipulation and index, and label stipulation.

This Standard is under the general charge of the Ministry of Construction, under the daily management of China Electricity Council, and with China Power Engineering Consulting (Group) Corporation responsible for the explanation of detailed technology contents. In the process of enforcement process of the Standard, every unit shall conclude experience based on engineering practice. Any opinions or suggestions in the implementing process, please post them to China Power Engineering Consulting (Group) Corporation (Address: No. 65 Ande Road, Xicheng District, Beijing, postal code: 100120; email: hkang@cpecc.net) for later revision references.

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1 General

1.0.1 This Standard is established to regulate identification coding activity, which is to make engineering information shared by power plant parties and owner or operator, and ensure the information recognition and sharing in the process of power plant construction and operation, improving the digital management and security operation level of power plant.

1.0.2 This Standard is applicable to the identification coding of the following power plants:

1. Fossil-fired power plant: coal-fired power plants, oil-fired power plants, and gas-fired power plants(including combined cycle power plant).

2. Hydroelectric power plant: conventional hydraulic power plant, pumped storage power plant.

3. Nuclear power plant: pressurized-water reactor power plant, heavy-water reactor power plant, high temperature gas - cooled reactor power plant.

4. Renewable power plant: wind power plant, solar power plant, biomass power plant, geothermal power plant, ocean energy power plant.

1.0.3 This Standard stipulates basic technology requirements for power plant identification system; if the Standard is inconsistent with relevant national laws and administrative rules, it shall be performed by the latter.

1.0.4 Coding of power plant identification system shall conform with current national standards except for this one.

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