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

GB/T 2900.52-2008

Replacing GB/T 2900.52-2000

**Electrotechnical terminology -- Generation, transmission and
distribution of electricity -- Generation**

电工术语 发电、输电及配电 发电

(English Translation)

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Foreword

This is Part 52 GB/T 2900's.

The partial modification of the use of IEC 60050-602. 1983 "International Electrotechnical Vocabulary - Part 602. Generation, transmission and distribution of electricity," and Reference 2003 International Electrotechnical Commission document (1/1903/CD), modify some of the definitions of terms.

This part of IEC 60050-602. Compared to 1983, there is a technical difference.

--- 602-02-32 [33], 602-03-08 [09], 602-03-11 [12], 602-03-19 [20], 602-03-21 [22], 602-03-25 [26] They were changed to separate two;

--- 602-02-38 [39] [40] to separate the three.

This Part replaces GB/T 2900.52-2000 "Electrotechnical terminology Generation, transmission and distribution of electricity." this section compared with the GB/T 2900.52-2000 main changes are as follows.

--- Modify the term entry number;

Chinese terminology --- 602-03-16 and 602-03-17 increase "[power system]," explained;

--- Modified 602-01-05, 602-02-04 such definitions;

--- 602-02-32 [33], 602-03-08 [09], 602-03-11 [12], 602-03-19 [20], 602-03-21 [22], 602-03-25 [26] They were changed to separate two;

--- 602-02-38 [39] [40] to separate the three.

This part of the National Electrotechnical Terminology Standardization Technical Committee (SAC/TC232) and focal points.

This in part by China Electric Power Research Institute, Chinese Academy of Sciences and the China Electricity Council machinery responsible for drafting.

1 Scope

This section provides the terms of generation, transmission and distribution related to the field of power generation portion.

This section applies to the planning, management, design, power generation, transmission and distribution and other areas of power system.

2.1 Plant [plant]

602-01-01

Power Plant [Station] Production of electricity from the plant building, energy conversion equipment and all the necessary auxiliary equipment thereof.

602-01-02

Power system all power generation equipment.

Note: it may consist of some of them, such as thermodynamic system.

602-01-03

Convert water energy into electricity various engineering and construction, a combination of machinery and apparatus.

602-01-04

The flow of energy is converted to electrical energy power plant.

602-01-05

River flows directly into the power station hydropower generation, in its runoff into the reservoir water storage capacity is negligible.

602-01-06

Runoff water from the reservoir to the maximum time of no more than a few weeks hydroelectric [plant].

Note: Especially during low load, runoff accumulated in the reservoir, so that the turbine can be run during periods of high load, or the next few days in the future.

602-01-07

Runoff water from the reservoir to the station for more than several weeks.

Note: usually adequate water runoff during the accumulation in the reservoir, so that the turbine running during future high load.

602-01-08

Tidal power station water level difference.

602-01-09

The water pump upgrade storage facilities for hydroelectric power generation.