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AS 1852(602)—1988

Australian Standard®

# INTERNATIONAL ELECTROTECHNICAL VOCABULARY

## Chapter 602—GENERATION, TRANSMISSION AND DISTRIBUTION OF ELECTRICITY—GENERATION

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This Australian Standard was prepared by Committee TE/13, Symbols, Units & Quantities for Electrotechnology. It was approved on behalf of the Council of the Standards Association of Australia on 15 March 1988 and published on 17 June 1988.

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## Chapter 602—GENERATION, TRANSMISSION AND DISTRIBUTION OF ELECTRICITY—GENERATION

First published as part of AS C50(25)—1970
(endorsement of IEC 50(25)—1965).
Redesignated AS 1852(25)—1970
(endorsement of IEC 50(25)—1965).
Revised and redesignated AS 1852(602)—1988.

PUBLISHED BY STANDARDS AUSTRALIA
(STANDARDS ASSOCIATION OF AUSTRALIA)
1 THE CRESCENT, HOMEBUSH, NSW 2140
ISBN 0 7262 5071 6

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# PREFACE

This Standard was prepared by the Association's Committee on Symbols, Units and Quantities for Electrotechnology, under the authority of both the Telecommunications and Electronics Standards Board and the Electrical Standards Board. This Standard together with AS 1852 (Chapters 601 and 603 to 605) supersedes AS 1852(25)—1970, *International Electrotechnical Vocabulary, Generation, transmission and distribution of electrical energy*, which was withdrawn in July 1985.

This Standard is identical with and has been reproduced from IEC 50(602)—1983. Acknowledgment is accordingly made to the International Electrotechnical Commission for this assistance.

This Standard is the second chapter of a series of five chapters covering the generation, transmission and distribution of electricity. The division of chapters is as follows:

Chapter 601—General
Chapter 602—Generation
Chapter 603—Power system planning and management
Chapter 604—Operation
Chapter 605—Substations

This Standard is one of the AS 1852 series of Standards. In the past, this series has consisted of direct endorsements of the IEC 50 series of the International Electrotechnical Vocabulary. In future, newly issued parts of IEC 50, where appropriate, will be issued as Australian Standards, i.e. not endorsements. The full text of the definitions in English, French and Russian has been included as some definitions are considered to be incomplete when produced in one language.

The purpose of the AS 1852 series is to provide a glossary of terms used in electrical engineering. The series lists terms in English, French and Russian, and in some cases Spanish. It is intended that other Australian Standards will refer to AS 1852 and not repeat any definitions.

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STANDARDS ASSOCIATION OF AUSTRALIA

# Australian Standard

# INTERNATIONAL ELECTROTECHNICAL VOCABULARY

# CHAPTER 602—GENERATION, TRANSMISSION AND DISTRIBUTION OF ELECTRICITY—GENERATION

## SECTION 602-01—POWER STATIONS

**602-01-01**

**centrale électrique**

Equipement destiné à la production d'énergie électrique et qui comprend les ouvrages de génie civil, de conversion énergétique ainsi que l'appareillage associé.

**power station**

An installation whose purpose is to generate electricity and which includes civil engineering works, energy conversion equipment and all the necessary ancillary equipment.

**электрическая станция**

Установка для генерирования и преобразования электрической энергии, включающая необходимое основное и вспомогательное оборудование.

**602-01-02**

**parc de production**

Ensemble des moyens de production d'un réseau.

*Note.*— On peut ne considérer qu'un sous-ensemble défini d'un parc de production (exemple: parc thermique).

**generation system**

The total means of generation in a system.

*Note.*— One can also consider only one given subgroup (thermal generation system for example).

**электрогенерирующая система**

Совокупность генерирующего электрическую энергию оборудования энергетической системы.

*Примечание.* — Можно понимать также оборудование определенной группы электростанций (например, генерирующая система тепловых электростанций).

**602-01-03**

**aménagement hydro-électrique**

Complexe ordonné d'ouvrages de génie civil, de machines et d'appareillages divers destiné principalement à transformer l'énergie potentielle de gravité de l'eau en énergie électrique.

**hydroelectric installation**

An ordered arrangement of civil engineering structures, machinery and plant designed chiefly to convert the gravitational potential energy of water into electricity.

**гидроузел энергетического назначения**

Комплекс сооружений, машин и другого оборудования, предназначенный главным образом для преобразования потенциальной энергии воды в электрическую энергию.

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