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Terms and definitions of cogeneration

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Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Advanced Cogeneration and Energy Utilization Center (ACEJ)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS B 8121** : 2009), which has been technically revised.

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Terms and definitions of cogeneration

1 Scope

This Japanese Industrial Standard specifies the main terms and definitions related to general matters of system, environment, plan and operation, operation control, system components, or other matters of cogeneration.

2 Normative references

There are no normative references in this Standard.

3 Terms and definitions

Terms and definitions are as follows.

English equivalents are shown for reference.

3.1 General matters of system

a) General

No.	Japanese term	Definition	English equivalent (informative)
1101	コージェネレーション	operation which simultaneously generates electric power and/or motive power as well as effective heat from a single or multiple energy resources	cogeneration
1102	ガスエンジンコージェネレーション	cogeneration operated by using a gas engine as the prime mover	gas engine driven cogeneration
1103	ガスタービンコージェネレーション	cogeneration operated by using a gas turbine as the prime mover	gas turbine driven cogeneration
1104	ディーゼルエンジンコージェネレーション	cogeneration operated by using a diesel engine as the prime mover	diesel engine driven cogeneration
1105	コージェネレーションユニット, CGU	unit which simultaneously generates electric power and/or motive power as well as effective heat from a single or multiple energy resources Note 1 to entry It consists of a prime mover (gas engine, gas turbine, diesel engine, etc.), generator, waste heat recovery device, etc.	cogeneration unit
1106	コージェネレーションパッケージ, CGP	CGU with all its components housed in an enclosure Note 1 to entry Some CGUs of this type have a generator panel and /or a waste heat recovery device separately installed.	cogeneration package