

# Combined-cycle gas

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The waste heat from the gas turbine is routed to the nearby steam turbine, which generates extra power The Combined Cycle Power Plant or combined cycle gas turbine, a gas turbine generator generates electricity and waste heat is used to make steam to generate additional electricity via a steam turbine Combined cycle gas plants are a type of natural gas power plant used to generate electricity, consisting of a simple cycle gas plant in combination with a second steam engine that uses the Rankine cycle A combined-cycle gas turbine (CCGT) power plant is essentially an electrical power plant in which a gas turbine and a steam turbine are used in combination to achieve greater efficiency than would be possible independently Since A combined-cycle gas turbine (CCGT) power plant uses the exhaust heat from gas turbines to generate steam with a heat recovery steam generator (HRSG). On land, when used to make electricity the most common type is called a combined cycle gas turbine (CCGT) plant, which is a kind of gas-fired power plant A combined-cycle power plant uses both a gas and a steam turbine together to produce up to% more electricity from the same fuel than a traditional simple-cycle plant. The rows · Combined cycle power plants are large scale high-efficiency units for the conversion of gas (natural gas or synthetic gas from renewables) into electricity. Syngas can be produced from a number of sources, including coal and biomass. The system uses gas and steam turbines, the steam turbine operating from the heat left over from the gas turbine. This process can raiseSee more rows · A combined cycle gas turbine power plant is essentially an electrical power plant in which a gas turbine and a steam turbine are used in combination to achieve greater A combined-cycle power plant uses both a gas and a steam turbine together to produce up to% more electricity from the same fuel than a traditional simple-cycle plant. An integrated gasification combined cycle, or IGCC, is a power plant using synthesis gas (syngas). The produced steam A combined cycle power plant is an assembly of heat engines that work in tandem from the same source of heat, converting it into mechanical energy.

 Difficult  Facile

 Dur e 375 jour(s)

 Cat gories V tement & Accessoire,  lectronique, Sport & Ext rieur, Jeux & Loisirs, Science & Biologie

 Co t 73 EUR ( )

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