## **SPECIFICATIONS**



470 MW 2005 Used GT 13E2 Dual Fuel (Fuel Gas + Diesel Oil) Combined Cycle Power Plant

# 470 MW 2005 Used GT 13E2 Dual Fuel (Fuel Gas + Diesel Oil) Combined Cycle Power Plant

### **Description**

This is a 470 MW used combined cycle power plant built around GT 13E2 gas-turbine units configured for dual-fuel operation (natural / pipeline gas and diesel oil). The plant's design emphasizes operational flexibility: it can run on low-cost gas when available and switch to diesel oil as a backup or during gas interruptions. Typical plant scope includes the GT 13E2 turbine modules, fuel supply & conditioning systems for both gaseous and liquid fuels, medium/high-voltage switchgear, balance-of-plant auxiliaries (lube oil, cooling, compressed air), controls & SCADA, and emissions / exhaust treatment equipment as required by permits.

#### **KEY FEATURES:**

- Dual-fuel capability: Designed for seamless operation on fuel gas (primary) and diesel oil (secondary) with automated switchover.
- Emissions compliance: Exhaust treatment provisions (e.g., dry low NOx burners or SCR provision depending on original spec) and stack systems sized for permitted limits.

#### **ADVANTAGES:**

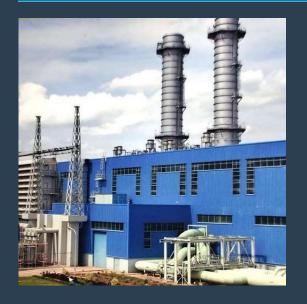
- Lower footprint & quicker commissioning: Compared with larger combined-cycle plants, simple gas turbine installations require less civil works and can return to service faster after outages.
- Fast dispatch and ramping: Gas turbine technology enables relatively rapid startup and load changes vs. steam plants valuable for peaking, reserve or gridsupport roles.

Manufacturer	Alstom
Model	GT 13E2
Year	2005
Condition	Used
Location	Asia
Qty Available	2 Units
Category	Natural Gas Turbines
Subcategory	10 – 999 kW
Stock Number	USP010818
Wattage	470 MW
Hours	25000; 28000
Frequency	50 Hz
Fuel Type	Natural Ga + Diesel Oil
Voltage	15750 Volts
Balance of Plant Available? (BOP)	Available

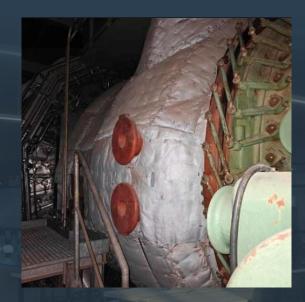


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