

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 start-up and load changes vs. steam plants — valuable for peaking, reserve or grid-support 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



Asset Photos



speed with excellence
& extreme ownership

www.uspeglobal.com | Info@uspeglobal.com

Images may be representative, and actuals can be supplied upon request.



Asset Photos



speed with excellence
& extreme ownership



www.uspeglobal.com | Info@uspeglobal.com

Images may be representative, and actuals can be supplied upon request.