

SPECIFICATIONS



1,500 MW 2011 New GE Frame 9FA.03 (PG 9351) Natural Gas Turbine Combined Cycle Power Plant

1,500 MW 2011 New GE Frame 9FA.03 (PG 9351) Natural Gas Turbine CCPP

Description

This natural gas combined cycle power plant (CCPP) features GE 9FA.03 (PG 9351 FA.03) gas turbines paired with GE D11 steam turbines and CMI triple-pressure HRSGs — representing one of the world's most proven and efficient gas turbine combined cycle configurations. The plant was never commercially operated (zero run hours) and is offered as-is with major equipment erected on-site. Each 750 MW module follows a 2+1 configuration: two GE Frame 9FA gas turbine generators (235 MW each, site-rated) and one reheat condensing steam turbine (266 MW, site-rated), achieving approximately 57% net combined cycle efficiency (LHV) with NOx emissions below 25 ppm.

The plant includes all major power block and balance-of-plant equipment: 4 × GE 9FA.03 gas turbines, 2 × GE D11 steam turbines, 4 × CMI HRSGs, Hyundai generator step-up transformers (420/15.75 kV), ABB SF6 generator circuit breakers, a 400 kV GIS switchyard (Xian), Honeywell DCS, Hamon induced draft cooling towers, and extensive electrical BOP by L&T and Siemens

KEY FEATURES:

- **Total capacity:** 1,500 MW (2 × 750 MW CCPP modules)
- **GT generator:** GE 324 LU, hydrogen-cooled, 310.725 MVA, 15.75 kV, EX2100 excitation
- **Net plant efficiency:** ~57% LHV at site conditions; NOx < 25 ppm; noise < 85 dB

ADVANTAGES

- Highest-efficiency 50 Hz CCPP configuration available on the used/surplus market
- Modular 750 MW design enables phased commissioning or relocation to multiple sites
- Zero-hour GE Frame 9FA — the world's most widely deployed F-class gas turbine, with deep OEM service network

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Manufacturer	GE
Model	Frame 9E (PG9351)
Year	2011
Condition	New
Location	Asia
Qty Available	2 Units
Category	Natural Gas Turbines
Subcategory	> 99 MW
Stock Number	USP009044
Wattage	1500 MW (750 MW ea)
Hours	Zero
Frequency	50 Hz
Fuel Type	Natural Gas
Voltage	6600 Volts
Balance of Plant Available? (BOP)	-

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