

# SPECIFICATIONS



14.1 MW 2007 Used Solar  
Taurus 60 (7901 GSC) Natural  
Gas Generator Sets

# 14.1 MW 2007 Used Solar Taurus 60 (7901 GSC) Natural Gas Generator Sets

## Description

This gas turbine generator set delivers high-capacity, continuous-duty power generation ideal for large-scale industrial facilities, distributed generation projects, and peaking power applications. Featuring a single-shaft industrial gas turbine with advanced aerodynamic design and proven operational heritage, this unit operates on pipeline natural gas with optional dual-fuel capability for liquid fuels. With a 2007 manufacture date and documented service history, this pre-owned turbine package offers rapid deployment capability and substantial capital cost savings compared to new equipment—making it an economically attractive solution for projects requiring multi-megawatt baseload or intermediate-duty power.

Rated at 4,700 kW (ISO conditions) at 3,600 RPM (60 Hz) or 3,000 RPM (50 Hz), the turbine delivers electrical efficiency of approximately 31-33% in simple cycle mode, with total efficiency exceeding 75% when configured for combined heat and power (CHP). Exhaust gas flow of ~100,000 lb/hr at 900-950°F enables substantial heat recovery for steam generation, absorption chillers, or process heating. Output voltage is configurable from 4.16kV to 13.8kV.

### KEY FEATURES:

- Single-shaft industrial gas turbine with two-stage power turbine
- Dry low NOx (DLN) combustion system achieving <25 ppm NOx
- Heat recovery steam generator (HRSG) compatibility for cogeneration
- Modular design for simplified maintenance and hot section inspections

### ADVANTAGES

- Fuel flexibility: natural gas, propane, and liquid fuel capability
- Lower emissions profile than reciprocating engines at this scale
- Ideal for grid stabilization, demand response, and merchant power applications

# 14.1 MW 2007 Used Solar Taurus 60 (7901 GSC) Natural Gas Generator Sets

<b>Manufacturer</b>	Solar Turbines
<b>Model</b>	Taurus 60 (7901 GSC)
<b>Year</b>	2007
<b>Condition</b>	Used
<b>Location</b>	Asia
<b>Qty Available</b>	3 Units
<b>Category</b>	Natural Gas Turbines
<b>Subcategory</b>	10 – 99 MW
<b>Stock Number</b>	USP010503
<b>Wattage</b>	14.1 MW (4.7 MW ea)
<b>Hours</b>	16000 – 19000 hours
<b>Frequency</b>	50 Hz
<b>Fuel Type</b>	Natural Gas
<b>Voltage</b>	11000 Volts
<b>Balance of Plant Available? (BOP)</b>	-

## Quick Access:

Products: [USP&E | Owners Engineering, EPC and O&M Inventory by Category](#)

Subcategories: [Natural Gas Turbines - 10 - 99 MW for sale at USP&E | Owners Engineering, EPC and O&M](#)

Solutions: [Gas Turbine Refurbishment with full OEM Warranty](#)

Services: [USP&E Generator Commissioning Services](#)

# Asset Photos

