TAURUS 60 GAS TURBINE
MODULAR POWER PLANT

Power Generation

Complete System Solution
• Standardized Modular Design with Compact Footprint
• Reduces Design, Construction, and Installation Time
• Reliable, Low-Cost, Onsite Continuous Duty or Peaking Power
• Repowers New or Aging Facilities and Augments Existing Plants
• Wide Ambient Range and High Dust Environment Options

Operational Features
• 5.7 MWe Single-Shaft Taurus™ 60 Industrial Gas Turbine Generator Set
• Complete Electrical Equipment Room with HVAC
• Low Voltage Motor Control Center
• Utility Grade Switchgear and Protective Relay Module
• Low Voltage Step-Down Transformer for Auxiliary Loads
• Turbine and Switchgear Battery and Charger
• Liquid Fuel and Gas Fuel Skid
• Service Air Unit
• Neutral Grounding Resistor
• Range of Control System Options for Remote Operation and SCADA Integration
• KVAR Control for Excellent Reactive Power Control Capability
• Turbine Inlet and Enclosure Air Filtration Support
• Black Start Capable Generator Option

Easy to Install
• Completely Modular Design for Rapid Set Up
• Plug-and-Play Mechanical and Electrical Interconnection
• Reduced Site Work and Shortened Construction Schedules
• Easy Access for Customer Connections

Environmentally Friendly
• Low Emissions State-of-the-Art SoLoNOx™ Dry Low NOx Combustion System (Optional)
• Sound Attenuated Packages

Flexible
• Substantial Cost Savings versus Traditional Custom Design Engineering
• Dual-Fuel Capability (Natural Gas or No. 2 Diesel)
• Easy to Add Additional Power Blocks to Augment Existing Power
• Financing Options Available

Customer Support
A comprehensive care package can be tailored to meet your individual project specifications.
• Start-Up and Commissioning
• Maintenance Programs
  - Maintenance Service Agreements
  - Full Service Agreements
  - Equipment Health and Maintenance Management
• Remote Monitoring and Diagnostics with InSight System™

Solar Turbines
A Caterpillar Company
Performance

Output Power  5,670 kWe
Heat Rate  11430 kJ/kWe-hr
(10,830 Btu/kWe-hr)

* Nominal Rating - per ISO
at 15°C (59°F), sea level
No Inlet/exhaust losses
Relative humidity 60%
Natural gas fuel with LHV = 35 MJ/Nm³ (940 Btu/scf)
No accessory losses
Engine efficiency 31.5%
(Measured at generator terminals)

Available Power

Package Layout and Dimensions

SIDE VIEW

PLAN VIEW