

GE LM6000-PD Gas Turbine Power Package – 48 MW Combined Cycle System

Quantity 1

Availability (Lead Time) 4-6

Product Location Pakistan

Condition Used

OEM TBA/Various

Equipment code CFIHOS-30000534

Short Description

High-efficiency GE LM6000-PD gas turbine package delivering 48 MW installed and 39 MW net power output. Fully equipped combined cycle system, operational and ready for immediate deployment. Ideal for power generation projects requiring high performance and reliability.

Description

Overview

The GE LM6000-PD Gas Turbine Package is a high-efficiency, aeroderivative power generation system engineered for superior performance and reliability. With an installed capacity of 48 MW and a net deliverable capacity of 39 MW, this complete package offers an ideal solution for utilities, industrial plants, and energy projects requiring flexible, low-emission power.

Originally commissioned in 2012, the unit remains fully operational and ready for immediate start-up. Designed for combined cycle applications, it delivers optimal efficiency and minimal downtime—making it one of the most dependable gas turbine packages in its class.

This complete LM6000-PD package includes all major systems and accessories required for installation and operation:

GE LM6000-PD Gas Turbine – Proven aeroderivative design offering high thermal efficiency and low operational costs.

Generator Set – Industrial-grade generator integrated for reliable electrical output.

Turbine Lube Oil & Hydraulic Systems – Maintain optimal lubrication, cooling, and mechanical stability.

Hydraulic Start System – Enables fast, dependable turbine start-up under varying conditions.

Ventilation & Combustion Air System – Ensures clean, temperature-controlled air for combustion and turbine health.

Mineral Lube Oil System – Protects critical rotating components, extending service life.

Water Wash & SPRINT Systems – Improve performance and maintain cleanliness for consistent power delivery.

Auxiliary Systems – Includes instrumentation, controls, and essential support systems for smooth and safe operations.

Technical Specifications

Specification Detail

Installed Capacity 48 MW

Net Deliverable Capacity 39 MW

Turbine Model GE LM6000-PD

Configuration Single Combined Cycle with HRSG (100 Barg / 500°C)

Fuel Type Natural Gas

Heat Rate 10,000 BTU/kWh
Commissioning Date 2012
Operational Status Standby – Ready for Operation
Condition Fully Operational

Features & Benefits

High Efficiency: Aeroderivative technology ensures superior fuel economy and low emissions.

Fast Start-Up: Hydraulic start system enables rapid power availability.

Compact Design: Reduced footprint for flexible installation in constrained sites.

Reliable Performance: Proven GE design with low maintenance requirements.

Turnkey Package: Includes all essential systems for complete plant integration.

Operational Readiness: Fully functional and maintained to OEM standards.

Applications

Utility Power Generation

Industrial Energy Supply

Oil & Gas Power Projects

Emergency or Standby Generation

Combined Cycle or Cogeneration Plants

Sale Information

This unit is available for immediate sale at a final package price of USD 17.5 million.

Reason for sale: Limited natural gas availability and high operational fuel costs.

Inspection and site visits can be arranged upon request.

Technical Details

Model Number LM6000 PA

Year of Manufacturing 2012

Manufacturer Name General Electric

Usage Hours 98000

Fuel type Natural Gas

Output Power 48 MW

Turbine Cycle Combine Cycle

General Terms

The seller retain the right to evaluate and approve offers.

Buyers should verify quantities and conditions upon delivery.

After successful engagement, both buyer and seller manage communication for payment terms and delivery schedule.

Buyers can request value-added services such as pre-purchase inspections.













