



New Unused Steam Turbine Generator for Sale

Steam Turbine

Turbine Manufacturer: Siemens
 Year Manufactured: 2011
 Unit is new in crates, never installed
 Unit Type: Single Auto-Extraction Condensing

Design Steam Conditions

Rating Point: 30,000 kW
 Max Output with heaters in service and no
 process extraction: 31,230 Kw
 Inlet Pressure: 1841 psig
 Inlet Temperature: 995F
 Max Inlet Flow: 283,000 pph
 Max LP Section Flow: 180,000 pph
 Exhaust Pressure: 2.0" HgA
 # of Uncontrolled Extractions: 4
 Operating Speed: 5038 RPM

Reduction Gearbox

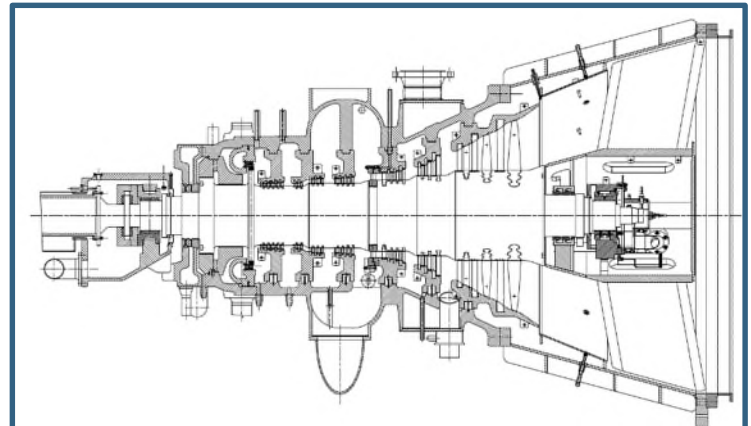
Gearbox Manufacturer: Flender
 Gearbox Ratio 3.36:1
 Gearbox Rating: 32,345 kW
 AGMA Service Factor: 1.3

Generator

Manufacturer: Siemens
 Type: Synchronous
 Speed: 1,500- 4 Pole
 Rating: 32,300 kW
 PF: .85
 Rating: 38,000 kVA
 Voltage: 10,500 V
 Frequency: 50 Hz

Miscellaneous

- Unit is crated and stored in climate controlled warehouse
- History: Never installed
- Base mounted with gear and axial exhaust configuration
- Included in Sale
 - Steam Turbine Generator Set
 - Condenser System
 - All turbine aux systems
 - Turbine and Genenratol Control Systems



FOUR-POLE AIR-COOLED GENERATOR "SIEMENS",
 SALIENT POLE DESIGN, TYPE Sgen 5-100A

