

Generator

- Manufacturer: GEC Alstom
- Date of manufacture: 1995
- Cooling: Air cooled
- Tropicalised windings
- Rated output: 52.975 MVA
- Power factor: 0.8
- Voltage: 11kV, 3 phase, 50 Hz
- Insulation class: F
- Protection: IP55
- Excitation: rotating diode exciter
- Generator speed: 3000 RPM

Balance of Plant

- Air intake / Filtration system
- Inlet & Lateral exhaust ducting
- Exhaust silencer & stack
- Lube oil cooler (water cooled)
- Fire detection system CO₂
- Outdoor enclosures
- Natural Gas Skid
- Electrical/Electronic control cabinet with
 - o Speedtronic turbine control system GE Mark V
 - o Motor Control Centre MCC
 - o Generator Breaker and Protection and Control System
 - o Operator control module



GT-A generating set with air intake filter and duct, stack, CO₂-fire extinction container and electronic/electrical control cabinet



View generator side



Inside view
Electronic / electrical control cabinet

Further information on request

Important Disclaimer

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