

40000 KW ALSTOM GAS TURBINE GENERATOR POWER PLANT

Gas Turbine:

Model number: GEC ALSTOM 6551B
Speed: 5135 rpm
Rating Gas/Oil: 40000 KW (ISO)
Fuel: Natural gas/oil
Emission control: DLN

Generator:

Model number: GE Alstom Air cooled
KW/KVA : 45,400 kw/53,412 kva
Voltage: 13.8 kv, 3 phase, 60 hz, 0.85 PF
Speed: 3600 rpm
Amps: 2225

History:

Year Installed 1998, Last overhaul and upgrade 2011, package hours 30,355.46 package starts 863 since last over haul had only 53.86 hours, 32 starts.

Scope of supply:

Gas turbine generator skid
Air inlet filter system
Generator air inlet and exhaust duct
Lube oil cooler
Neutral ground resister
Turbine control panel Mark VI
Generator breaker and control panel

