



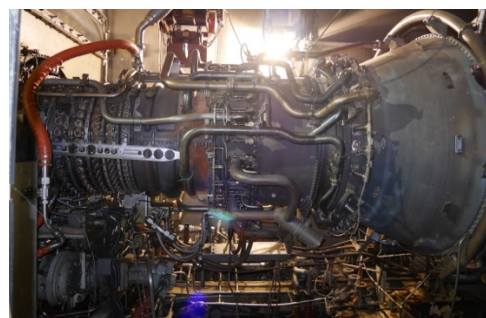
CESS REF: GTMM9787

165MW CCGT: 3 x 46MW GE LM6000PC Gas Turbine + 1 x 37MW BHEL Steam Turbine



3 x GE LM6000PC Gas Turbine

Gas Turbine Manufacturer	:	GE
Engine Model	:	LM6000 PC
Fuel	:	Dual Fuel
Site Rated Capacity	:	45,449kW
Frequency	:	50 Hz
Generator Manufacturer	:	GE
Generator Capacity	:	55,230kVA
Transformer Manufacturer	:	TELK India
Transformer Type	:	ONAF
Transformer Capacity	:	60 MVA (11/110kV)
Year of Commission	:	2000
Total Operation Hours	:	(i) 31,000 (ii) 31,000 (iii) 35,000



1 x BHEL Steam Turbine

Steam Turbine Manufacturer	:	BHEL India
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Steam Turbine Model	:	HNK-71/3.2-4
Steam Turbine Type	:	Condensing
Rated Capacity	:	37,000kW
Generator Manufacturer	:	BHEL India
Generator Model	:	TARI 800-24P
Transformer Manufacturer	:	TELK India
Transformer Type	:	ONAF
Transformer Capacity	:	60 MVA (11/110kV)



3 x Thermax Babcock & Wilcox Heat Recover Steam Generator

HRSG Manufacturer	:	Thermax Babcock & Wilcox
HRSG Type	:	Natural circulation, Bi drum, Twin pressure
High Pressure	:	46.5 kg/cm ² (427 °C)
Low Pressure	:	4.5 kg/cm ² (200 °C)



Auxiliaries/Balance of Plant

Complete auxiliaries and BOP are available including Detroit USA Black Start, Fuel Gas System, Circulating/Aux Cooling Water Pumps, DM Plant, Fire Fighting Systems and Woodward NetCon 5000 Control System for Gas Turbine and ABB Procontrol P30 for Steam Turbine and HRSGs.