



CESS REF: GTMM9499

48MW CCGT: 1 x 37MW GE Frame 6B + 1 x 37MW Siemens **Steam Turbine**



1 x GE-BHEL Frame 6B Gas Turbine

Gas Turbine Manufacturer	:	GE-BHEL
Engine Model	:	Frame 6B
Fuel	:	Dual Fuel
Site Rated Capacity	:	34,420kW
Frequency	:	50 Hz
Generator Manufacturer	:	Siemens-BHEL
Generator Model	:	TARI 800-26P
Generator Capacity	:	37,000kW
Transformer Manufacturer	:	GEC Alstom
Transformer Type	:	Oil filled
Transformer Capacity	:	53 MVA (11/33kV)
Operation on RLNG	:	6,913 hrs
Year of Commission	:	1999
Operation on NAPTHA	:	143,641 hrs
Total Operation Hours	:	150,554 hrs



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1 x Siemens-BHEL Steam Turbine

Steam Turbine Manufacturer	:	Siemens-BHEL
Steam Turbine Type	:	Condensing
Rated Capacity	:	37,009kW
Steam High Pressure	:	60 Kg/cm ²
Steam Low Pressure	:	5 Kg/cm ²
Steam High Temperature	:	475°C (887 °F)
Steam Low Temperature	:	202°C (396 °F)
Generator Manufacturer	:	Siemens-BHEL
Generator Model	:	TARI 800-24P
Transformer Manufacturer	:	GEC Alstom
Transformer Type	:	Oil filled
Transformer Capacity	:	53 MVA (11/33kV)



Auxiliaries/Balance of Plant

Complete auxiliaries and BOP are available including Kirloskar Cummins Black Start, Fuel Gas System, Circulating/Aux Cooling Water Pumps, DM Plant, Fire Fighting Systems and GE Mark V Control System for Gas Turbine.