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For Sale:	130 MW Pre-owned Combined Cycle Power Plant
Ref.-No:	GT-CC-050

Brief plant history:

The power plant consisting of two (2) GE Frame 6B combustion turbines 40 MW each, two (2) Heat Recovery Steam Boilers and one (1) 50 MW steam turbine generator was commissioned in September 2002. The units are reliable for the heat and power generation. Each gas turbine has been used to date for approx. 75,000 operating hours. The power plant has been well maintained, it is in excellent condition and available for immediate relocation. The plant has been taken out of commercial operation due to political and economic reasons.

CCGT

PLANT CHARACTERISTICS

Type	CCPP
Capacity	130 MW
Configuration	2 GTG + 2 HRSG + 1 STG
Fuel	Designed for Dual Fuel Combustion (NG & LDO)
Cooling Type	Water cooling
Net Efficiency, <i>only electricity generation</i>	43% – 45%
COD	September 2002
Major Maintenance Cycle, hours	48.000
Last Major Overhaul	April 2009
Total Operating Hours	75.400 (GTG1) 74.700 (GTG2)
Operating Hours Since Major Overhaul	30.950 (GTG1) 31.900 (GTG2)
Total Start Since Commissioning	960 (GTG1) 980 (GTG2)
Number of starts after last inspection	640 (GTG1) 570 (GTG2)

CCGT CONFIGURATION

Gas Turbines	
Year of Construction	2001
Manufacturer	GE Europe
Capacity	40 MW
Model - Type	PG 6581 B
Gross Electrical Efficiency	31% - 33%
Steam Turbine	
Year of Construction	2002
Manufacture	GE
Capacity	50 MW
Model - Type	ENK 71/3.2
Heat Recovery Steam Generator	
Year of Construction	2002
Manufacturer	SFL STANDARD FASEL LENTJES
Production of steam, ton/hr	65 ton/hour
Generator	
Generator GT - Manufacturer	GE
Generator ST - Manufacturer	SIEMENS
Transformers	
Manufacturer	ABB
Model	213300/900 - 11.5/154 KV



Further information on request

Important Disclaimer

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