

For Sale:	120 MWe Pre-owned Combined Cycle Power Plant
Ref.-No:	GT-C-C011

Brief plant history:

This power plant was built and installed in two steps . The first GT has been commissioned in 2005 and the second one in 2009. All short term and long term maintenance work has been done by GE under long term service contracts. The owner has decided to sell this plant according to the imbalance between natural gas and power prices in the country.

The plant is available with all auxiliaries. NOx emission is given as max. 50 ppm (Ammonia injection)

CCGT PLANT CHARACTERISTICS

Type	CCNGPP
Capacity	120 MW
Configuration of the CCNGPP	2 GTG's +2 HRSG's + 1 STG
Fuel	The gas turbines are designed for natural gas usage, however, the conversion to other fuels is possible.
Cooling Type	Water Cooling
Net Efficiency	SC 41 % (at ISO) CC 51 %
COD	GT 1 in 2005 and GT 2 in 2009
Major Overhauls	GTG-1 after 37.830 h, GTG-2 operated 21.203 h since the commissioning.
Total Operating Hours (For the total package)	GTG-1 45.488 ,GTG-2 21.203 and STG 44.804
Operating Hours Since Major Overhaul	7.658 for GTG-1
Total Starts Since Commissioning	GTG-1 , GTG-2

CCGT CONFIGURATION

Gas Turbine-1	
Year of Construction	2004
Manufacturer	GE Europe
Capacity	46,95 MW
Model-Type	LM 6000PC
Efficiency	41 %

Gas Turbine-2	
Year of Construction	2007
Manufacturer	GE Europe
Capacity	46,95 MW
Model-Type	LM 6000PC
Efficiency	41 %

SteamTurbine	
Year of Construction	2004
Manufacturer	GE-THERMODYN
Capacity	26 MW
Model-Type	8-11 MC 10

Heat Recovery Steam Generator 1	
Year of Construction	2004
Manufacturer	ISTROENERGOGROUP
Production of steam, ton/hr	HP 42,4 t/h, LP 13,9 t/h

Heat Recovery Steam Generator 2	
Year of Construction	2006
Manufacturer	NOOTER ERICSON
Production of steam, ton/hr	HP 42,4 t/h, LP 13,9 t/h

Generators	
Generator GT 1-Manufacturer	BRUSH
Generator GT 2-Manufacturer	BRUSH
Generator ST Manufacturer	FRAMETOMEANP-JEUMONT

Step-Up Transformers

Manufacturer

ABB

Model-No

TSPH – 98513/900



Further information on request

Important
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