

For Sale:	Pre-owned 384 MW Combined Cycle Gas Turbine Power Plant
Ref.-No:	



Brief plant history:

This approx. 385 MW Combined Cycle Power Plant has been commissioned at the end of December 2008/2009. Since 2013 it has been taken into stand-by mode after approx. 35,000 EOH (Equivalent Operating Hours). This power plant which represents state-of-the-art technology (efficiency of approx. 55% - 56%) is available for sale and relocation due to economic reasons (e.g., high gas prices, low power prices).

Description of major Plant Items:

Gas turbine (Thermal Block)

Item	Unit	Value / Description
Manufacturer	-	Ansaldo (Alstom license)
Production year	-	2008
Type	-	AE V94.3A2
Combustion type		VeloNOx Burner
Revolution, speed	min-1	3000 (50 Hz)
Power, Full load (ISO conditions)	MW	384
Fuel	-	Natural Gas
Emissions (NOx dry)	Mg/Nm ³	30
Equivalent operating hours	EOH	Approx. 35'000

Steam turbine

Description	Unit	Value / Description
Manufacturer	-	Ansaldo (Alstom license)
Production year	-	2008
Type	-	AE MT15

CCGT Plant

Total Efficiency (ISO conditions)	%	55-56
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Control system

For control, regulation and protection the gas turbine is supported by a ABB type control system.

Auxiliary and ancillary components

The CCGT is sold with its turbine generators and all auxiliary and ancillary mechanical and electrical components required for a fully automated operation such as:

HRSG and related water steam cycle (WSC) and balance of plant (BOP) equipment Main and Step-up transformers
Closed cooling water system for the cooling of the generator, the lube oil supply system etc.

Service intervals and operational data

Service intervals carried out & recommended by OEM.

After Equivalent Operating Hours (h)	After Period (years)	Type of Inspection	Scope / Comment
Each 8'000	or every 1 year	Minor	Visual Inspection
25'000	-	HGPI	Hot gas path inspection (2012)
50'000	-	Major	Not yet carried out

