

P.O.Box 130571
20105 Hamburg/Germany

Tel. +49 40 33441944
Fax +49 40 33441945

www.lohrmann.com
info@lohrmann.com

For Sale:	Pre-owned 384 MW Combined Cycle Gas Turbine Power Plant
Ref.-No:	GT-CC-047



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
-----------------------------------	---	-------

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

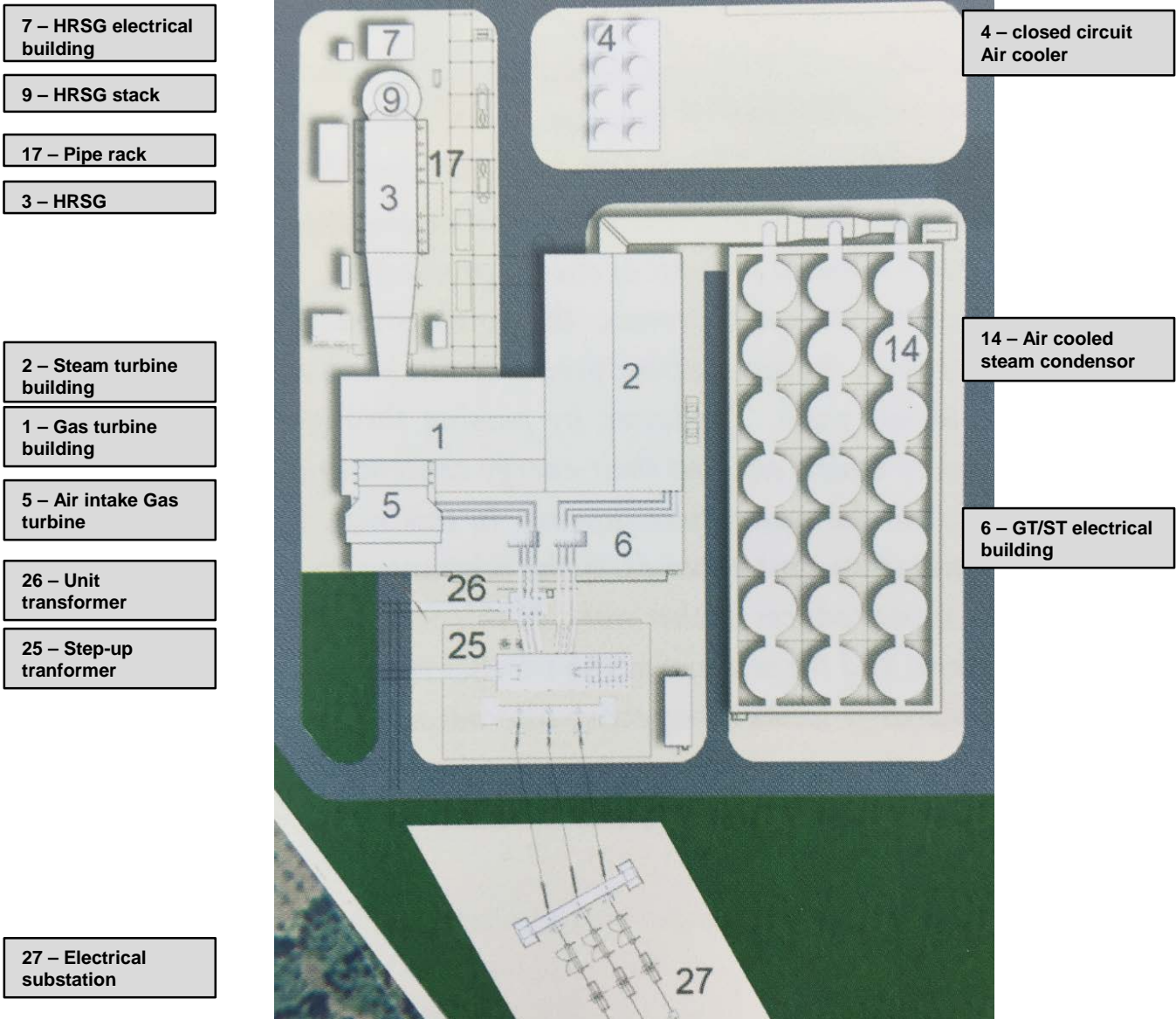
Closed cooling water system for the cooling of the generator, the lube oil supply system etc.

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

Specification of main plant layout



Further information on request

Important Disclaimer

Although the statements and technical information contained herein are believed to be materially accurate as of the date hereof, no representation or warranty is given as to the accuracy of any of the information provided.

This document contains confidential information intended only for the use of the addressee. If you are not the intended recipient of this information then you are hereby notified that any use, dissemination, distribution or reproduction of this message is prohibited.