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For Sale:	Pre-owned 65 MW Combined Cycle Power Plant
Ref.-No:	GT-CC-020A

Brief plant history:

This 65 MW combined cycle power plant converts natural gas into electricity and heat, with combined efficiency of 48%. The heat (steam extraction from the steam turbine) is used in an industrial process and district heating. The plant was commissioned in 1996 and taken out of operation in 2012 after approx. 72,000 running hours and approx. 2000 starts. It is designed for unmanned operation (controlled remotely). One of the two steam turbines is operating in a single shaft arrangement with the steam turbine. The second gas turbine drives a separate generator. This power plant is in excellent condition and available for immediate sale and relocation.

Description of major plant components:

Gas Turbines – two units

Manufacturer	Siemens
Model	SGT 600 (low-NOx)
Power output (ISO)	2 x 25 MWeI
Efficiency	34.2 %
Fuel	natural gas
Operating hrs until next overhaul	approx. 4500
Generator data (single shaft power train)	54 MVA, 10.5 kV. 50 Hz
Generator data (driven by GT)	31 MVA, 10.5 kV. 50 Hz

Steam Turbine (European manufacturer)

Power output	20 MWeI
Type	condensing with extraction (25 t/h, 11 bar, 150 °C)
Condenser type	air cooled

HRSGs – two units (European manufacturer)

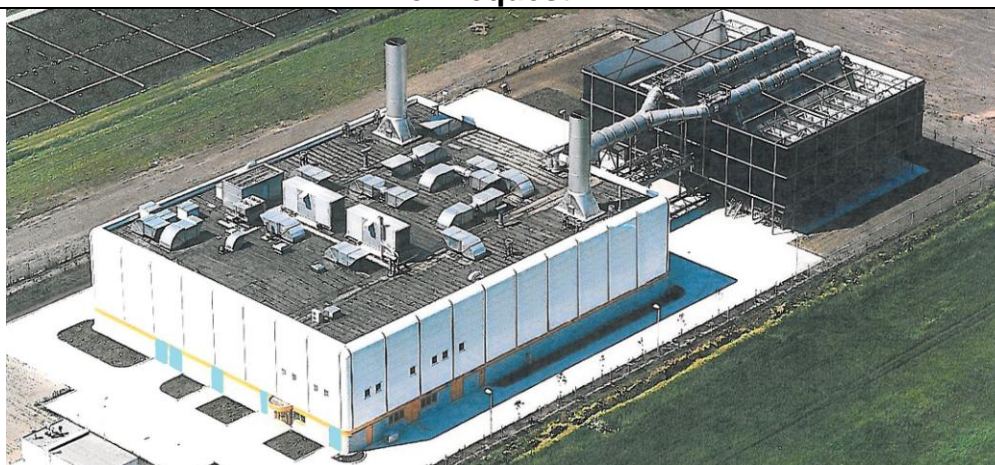
Type	horizontal, double pressure with nat. circulation
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Steam parameters:

HP steam:	83 bar, 502 °C, 35 t/h
LP steam:	8 bar, 195 °C, 8 t/h

Price:

on request



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.

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