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For Sale:	Pre-owned 54 MW Gas Turbine Generator (Alstom GT8C)
Ref.-No:	GT-417

Brief plant history:

The gas turbine generation unit is currently been used as a grid reserve (back up) and can be assume load duty at 50 MW within 15 minutes. The turbine has been recently upgraded to comply with qualification requirements for supplementary services. The power plant is totally functional available for immediate sale and relocation.

Description of major plant components:

Gas turbine

Manufacturer	Alstom GT8C indoor
Commissioning year	1996, actual 16,600 EOHrs only
Speed	6200 rpm
Power output (ISO)	54.1 MW _{el}
Fuel	Liquid - LDO/Diesel oil (NOx water injection), conversion to natural gas possible



Generator

Manufacturer	Alstom
Type	WY16Z-068LL
Voltage	11.5 kV (50 Hz)
Power rating	68.9 MVA
Cooling type	air-cooling, recirculation via closed cooling water system

Gear box

Manufacture	Maag/Renk
Type	helical gear box, skew gear

Efficiency:	32.1 % (simple cycle)
Maintenance Status:	excellent, all as per OEM instr., B inspection in late 2013

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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