

54 MW 50Hz GTBC Plant

4 MW GT PLANT 50 HZ (diesel no 2)



ABB Gas Turbine Type GT8C



1. General

The offered gas turbine plant is located in Central Europe and was, due to changed operation requests, shut down in October 2014. The plant is well preserved and can be started on request at load condition. It was operated for peaking power generation and accumulated below 2'000 operation hours only. The entire GT equipment is for sale and ready for relocation upon short notice.

The plant is:

- in excellent condition
- well maintained (always by OEM)
- modification to dual fuel possible
- available now for immediate shipping
- support by the OEM upon request

2. Plant Description and Scope of Supply

The plant was installed in 1995 to be operated in pure electricity mode as a remote controlled peaking power plant based on diesel fuel. It has been commercially operated from 1996 until its shut down in 2014. Modification to gas fuel upon request and against extra cost.

- gas turbine, generator and main gear
- All associated mech auxiliaries
- Control instrumentation system
- Fire alarm/fighting, gas detection system
- All associated electrical auxiliaries
- Demi water tank
- Interconnecting piping, valves, hangers
- Electrical MV and HV cables

- Bus ducts, generator breaker
- Main transformer
- 50 ton overhead crane (to be negotiated)
- Technical documentation as available

3. Performance Data

rated output 54.1 MW
generator output 11.5 kV, 68.9 MVA
rated speed (rpm) 3'000 RPM, 50 Hz
specific consumption 11'215 kJ/kWh
gearbox Maag/Renk
main transformer 11.5/50 kV, ONAF

4. Operational Data

- Year of first operation 1996
- Stand-by since Oct 2013
- Since then preserved
- Last inspection made Oct 2013
- total operating hours 1'704, 305 starts

Intecteam JV is an innovative company and experienced in project development and power plant engineering and ready to provide the services to implement the project according to your needs and as an independent contractor (incl engineering, planning as well as dismantling, packing, transport, installation/commissioning) based on terms and conditions to be agreed upon.

Please note that all equipment offered is subject to prior sales and at conditions 'as it is and where it is'. Location will be released and inspections can be done after submission of LOI and BCL. Price negotiations solely with buyers having proven funds.

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