

ReflowX

GE Frame 5 MS5001K Gas Turbine 14MW

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Description

Manufacturer	General Electric
Model (gas turbine)	GE Frame 5 MS5001K
Year	1965
Commissioning Year	1999 Refurbished in 2016
Condition	Used Refurbished in 2016
Location	Spain
Qty available	1 Unit
ISO Power Rating	14 MW
Frequency (Hz)	50Hz
Fuel Type	Distillate Oil - Light
Fired Starts Since New	1,300
Fired Hours Since New	23,000
Fired Starts Since Overhaul	400 (Year 2016)
Fired Hours Since Overhaul	2,900 (Year 2016)



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Technical Details

Last Overhaul 2016

The turbine underwent a forced outage in March 2016, addressing issues with high vibration and excessive smoke at the exhaust. The intervention included replacing combustion nozzles, combustion liners, and transition pieces, along with repairs to the hot gas path. The unit successfully passed operational tests, including Full Speed No Load (FSNL) tests, achieving a 4 MW output with acceptable vibration.

Scope of Supply

- Complete gas turbine generator package, including controls, MCC's, air intake, and exhaust stack
- Main transformer and generator circuit breaker
- Auxiliary diesel generator
- Distillate filtration and forwarding system

Sales Condition

- Buyer must dismantle the equipment at their own cost.
- The plant is located 8 km from the seaport.

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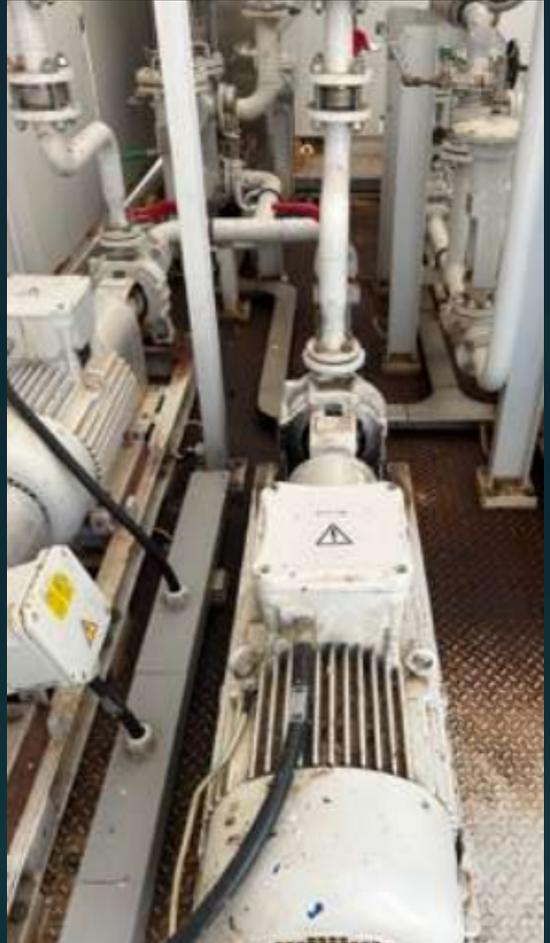
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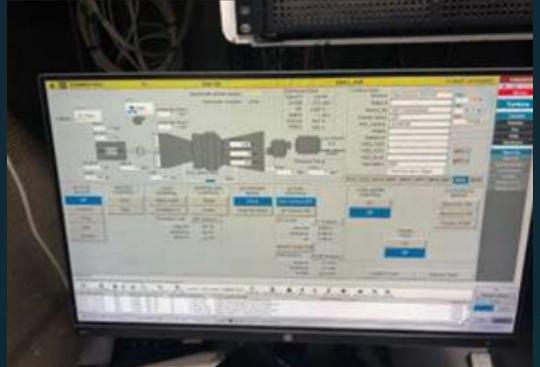
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Contact Information

 Dubai, United Arab Emirates

 info@reflowx.com

 +971 503846311

 www.reflowx.com