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GE 6B / PG6581B (Frame 6B) Gas Turbine Unit 2

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SHAPING A SUSTAINABLE TOMORROW

GE 6B PG6581B (Frame 6B) Gas Turbine Unit

Description

Manufacturer	General Electric (GE), USA
Model (gas turbine)	PG6581B (GE 6B)
Order / Unit ID	UNIT 2 – GE PG6581B
Year	2005
Commissioning Year	Shut down in 2018 due to fuel economics
Condition	Good Condition
Location	China
Qty available	2 units
ISO Power Rating	42 MW
Starts	890
EOH Total	17,878 h
EOH Natural Gas	68 h
EOH Light Oil	485 h
EOH Heavy Oil	17,351 h
Fuel Type	Originally Heavy Oil → Converted to Natural Gas (Oct 2010)
Frequency	50 Hz

GE 6B PG6581B (Frame 6B) Gas Turbine Unit

Technical Details

Summary

- Two complete GE 6B / PG6581B gas turbine generator sets
- Proven heavy-duty frames with ~18,000 operating hours each
- Brush 10.5 kV generators
- Full auxiliary systems included
- Suitable for refurbishment, relocation, or repowering projects

Scope of Supply

- Main Equipment
- Gas turbine engine
- Gearbox
- Generator
- Bedplate

Auxiliary Systems

- Starting system
- Air intake system
- Lubrication system
- Ventilation system
- Control system
- Automatic fire extinguishing system

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Contact Information

Dubai, United Arab Emirates

info@reflowx.com

+971 503846311

www.reflowx.com

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