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For Sale:	Pre-owned 12.2 MW Steam Turbine Genset Backpressure-Type
Ref.-No:	STG-28.70

Description of major plant components:

Steam Turbine

Manufacturer	Peter Brotherhood
Type	Backpressure with 7 impulse stages
Year of manufacturing	1997
Year of commissioning	1998
Turbine power	12.20 MW
Rotation speed	6580 rpm
Steam parameter	29.8 bar, 435 °C
Backpressure	1.8 bar

Gear

Manufacturer	GEC- Alstom HSG 560H
Type	Double helical, single reduction
Ratio	4.387:1

Generator

Manufacturer	GEC-Alstom
Type	Brushless
Power factor	0.8
Voltage	6.6 kV
Rotation speed	1 500 rpm

Performance

	MER	CMR
Power (kW)	11 000	12 200
Steam consumption (kg/h)	72 100	80 000
Steam rate (kg/kW-h)	6.55	6.60

Scope of supply

All equipment and auxiliaries for operation as in the existing plant

Condition of the equipment

Operated from 1998 to 2010 with 3000 hours per year

Further information on request

Important Disclaimer

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