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<b>For Sale:</b>	<b>Pre-owned 12 MW Steam Turbine Generator Backpressure with Extraction</b>
<b>Ref.-No:</b>	<b>STG-29.10</b>

**Description of major plant components:**

**Turbine**

Manufacturer	European manufacturer
Year of manufacture	1994
Power output	12 MW
Rotation speed	3000 rpm
Inlet steam pressure	35 bar
Inlet steam temperature	435 °C
Extraction 1	10 bar, 50 t/h
Exhaust steam pressure	1.2 bar, 40 t/h

**Weights**

Weight of turbine without oil system	33.4 t
Oil tank with auxiliaries	1.3 t
Lower half of turbine shell without diaphragm	7.7 t
Upper half of turbine shell with diaphragm	11.5 t
Turbine rotor	5.7 t

**Generator**

Manufacturer	European manufacturer
Year of manufacture	1995
Frequency	50 Hz
Capacity	12 MW
Voltage	6300 V
Rotation	3000 RPM

**Excitation unit**

Nominal capacity -	80 kW
Nominal voltage -	250 D
Nominal current -	320 A
Rotation frequency	3000 RPM

**Condition**

Machinery was started in 1996. Stopped in 2006.  
Running hours: 60200 h.  
Turbine is well maintained. Overhauling made in 2005.

**Further information on request**

**Important Disclaimer**

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