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<b>For Sale:</b>	<b>Pre-owned 36 MW Power Plant - coal and biomass fired -</b>
<b>Ref.-No:</b>	<b>PS-18.80</b>

**Brief plant history:**

The complete power plant including all auxiliaries is installed in a paper mill which was shut down recently and is available for immediate sale and relocation. Due to the excellent maintenance all equipment is in best condition.

**Description of major plant components:**

**Boiler (German manufacturer)**

Boiler type	Natural circulation with intermediate superheating
Steam production	120 t/h (thermal input=100 MW)
Live steam parameters	149 bar, 530°C
Firing system	Pulverized coal with grate for biomass
Grate	Inclined pushing grate for biomass, 15 % of boiler rating
Coal quality	hard coal from different sources

Brief history:

- 1982: construction year
- 2006: installation of Low NOx burners,
- 2007: new induced draft and automation of the boiler control
- 2009: new re-heater and 6 bar/18 bar/72 bar distribution systems
- 2011: new feed-water pump

**Flue gas cleaning**

Electric precipitation filter	Year of construction: 1982
Desulfurisation	lime injection in front of bag filter
Bag filter	Year of construction: 2007

**Steam turbine 1 (German manufacturer)**

Year of construction	1982 (Retrofit 2009)
Type	Back pressure turbine
Live steam parameters	149 bar, 530°C
Exhaust steam:	72 bar
Electrical output	5 MW (50 Hz)

**Steam turbine 2 (German manufacturer)**

Year of construction	2009
Type	Extraction condensing turbine
Live steam parameters	72 bar, 525°C
Steam extraction	2,5 bar controlled extr. (bleeds 6 bar and 18 bar), 60 t/h
Electrical output	31 MW (50 Hz)

**Price:**

**on request**

			
General view	Steam turbine 1	Steam turbine 2	Coal mill

**Further information on request**

**Important Disclaimer**

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