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For Sale:	70 MW
	Pre-owned coal-fired power plant
Ref.-No:	PS-18.58

Brief plant history:

This power plant with one line 60 MWeI (50 Hz) started its commercial operation in 1967. The plant design was for base load with local lignite fuel. In 1985 the steam turbine was equipped with a 0 - 100 % extraction for 114 °C / 80 °C district heating for up to 20 MWth. In 1997 the power plant was modified and refurbished to use hard coal fuel, the power output increased from 60 to approx. 70 MWeI. At the same time, some new components have been installed (e.g., coal mills) The plant was shut down on 24.04.2008 after 231.000 operating hours.

Description of major plant components:

Boiler Boiler and Auxiliaries (West European manufacturer, refurbishment and modif. in 1997)

Live steam parameters	240 t/h, 90 bar, 530° C
Fuel Hard Coal:	
Lower Heating value	25.500 to 31.500 kJ/kg
Average Water content	6 to 10 %
Sulphur content	0,4 %
Ash	5 to 14 %
Hardgrove	45 to 60
Ignition	Natural gas and HFO burners
Slag removal	Wet type
Air preheating	2 x LJUNGSTROEM type

Steam Turbine Generator (West European manufacturer)

Casing	1 x HP, 1 x LP double flow
Vacuum at 50 MW (20 °C Water)	0,047 bara
Generator parameters	10,5 kV, 50 Hz, 75 MVA (H ₂ cooling)

Electrostatic Precipitator (West European manufacturer, 1985)

Desulphurisation (West European manufacturer, 1993)

Process Control System (West European manufacturer, 1993 – 1997)

Price: on request



Further information on request

Important Disclaimer

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