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**THE FOLLOWING FULLY CONDENSING TYPE STEAM TURBINE GENERATOR SET IS AVAILABLE FOR SALE WITH US WITH IMMEDIATE DELIVERY:**

**1No. – 10.85 MW Blohm & Voss (2002) make Fully Condensing Type Steam Turbine Generator Set having the following technical specifications:**



<b>Year of Manufacture</b>	<b>: 2002</b>
<b>Year Retired</b>	<b>: 2015</b>
<b>Condition</b>	<b>: Excellent</b>
<b>Status</b>	<b>: Installed on Foundation</b>

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**1 No. 10.85 MW Blohm & Voss (2002) make  
Condensing Type STG Set.**

### **TURBINE DETAILS:**

Manufacturer : Blohm & Voss,  
Germany.

#### **Rating:**

Most Economical : 5,580 kW  
Maximum Continuous: 10,850 kW

#### **Inlet Flow:**

Rated : 24,450 kg/h  
Maximum : 48,900 kg/h

#### **Specific Steam Consumption:**

Most Economical : 4.382 kg/kWH  
Maximum Power : 4.507 kg/kWH

#### **Inlet Pressure:**

Rated : 46 Bar abs.

#### **Inlet Temperature:**

Rated : 450 °C

Exhaust Pressure : 0.16 Bar abs.

Exhaust Temperature : 57 Deg. C

Rated Speed : 11,217 RPM

### **GEARBOX DETAILS:**

Manufacturer : BHS, Cincinnati

Rated Power : 11,850 kW

Input Speed : 11,217 RPM

Output Speed : 1,500 RPM

Ratio : 7.478:1

### **CONDENSOR DETAILS:**

Manufacturer : HEI

Type : Surface Condensor

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**1 No. 10.85 MW Blohm & Voss (2002) make  
Condensing Type STG Set.**

Steam Flow : 48,900 kg/h

**Water Temperature:**

Supply : 35/25 Deg. C

Outlet : 45.6/35.6 Deg. C

**GENERATOR DETAILS:**

Manufacturer : ELIN, Austria

Type : 4 pole AC  
generator

Apparent Power : 13,563 kVA

Active Power : 10,850 kW

Power Factor : 0.8

Speed : 1,500 RPM

Voltage : 6,300V +/- 5%

Amps : 694.4A

Phases : 3

PhaseConnection : Star

Frequency : 50 Hz

