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

1 No. - 12.54 MW SIEMENS (2007) make, Condensing type Steam Turbine Generator Set having the following technical specifications:



Year of Manufacture	:2007
Year Retired	:UNUSED (Never Commissioned)
Condition	:As New
Operating Hours	:0 Hours
Status	:Installed on Foundation

TURBINE DETAILS:

Make	:SIEMENS
Type: Single Cylinder, Reaction Steam Turbine	
Economical Rating	:12,540 kW
Maximum Continuous Rating	:12,540 kW
Rated Speed	:6,800 RPM
Normal Inlet Pressure	:51.5 Bar abs.
Maximum Continuous Inlet P	:55.65 Bar abs.
Normal Inlet Temperature	:445 ⁰ C
Maximum Continuous Inlet T	:453 ⁰ C
1st Bleed:	
Pressure	:2.5 bara
Flow	:1,470 kg/h
2nd Bleed:	
Pressure	:0.7 bara
Flow	:4,360 kg/h
Rated Exhaust Pressure	:0.06 Bar abs
Inlet Flow (@ 12,500 kW)	:48,200 kg/h

GEARBOX DETAILS:

Type	:Double Helical
AGMA Service Factor	:1.3
Rated Power	:24,200 kW
Input Speed	:6,800 RPM
Output Speed	:1,500



ALTERNATOR DETAILS:

Type: Synchronous, Brushless, 4 Pole AC Generator

Apparent Power :16,000 kVA

Power Factor :0.8

Active Power :12,800 kW

Rated Voltage :10,500 +/- 5%

Current :880 A

Phases :3

Frequency :50 Hz

