

3.1 MW Steam Turbine Generator Set for Sale

Capacity: 3.1 MW

Year Built: 1999

Major Equipment (includes):

Murray Condensing Steam Turbine

- Steam Flow – 40,000 Lbs/Hr
- Inlet Pressure – 680 psi
- Inlet Temperature – 650 F
- Model #R2GD8M
- Type - Single Inlet Valve, Condensing
- Stages – 10

ABB Generator

- Type – Induction, 2-Pole
- Frame – AMB 560 L2L
- Rating – 3441 KW
- Speed – 3610 rpm
- Enclosure – TEWAC
- Voltage – 4000 VAC
- SF – 1.00

Surface Condenser

- Mfg. – Ambassador Heat Transfer
- Size – 48 x 252
- Type – AXM
- Duty – 37,588,000 BTU/Hr
- CW Requirement – 4993 Gpm
- Material – Steel Shell, 90/10 Cu-Ni Tubes, Steel Tubesheets

Documentation: Full Documentation Available



Equipment Summary

This 3.1 MW Steam Turbine Generator includes a Murray Single Inlet Valve Condensing Steam Turbine, an ABB Generator, and an Ambassador Heat Transfer Surface Condenser. The Steam Turbine comes equipped with the following: Steam Turbine Generator, Steam Flow 40,000 lbs/hr, Inlet Pressure 680 psig, Inlet Temperature 650 F, Exhaust Pressure 2.65 "Hg abs. Murray Model R2GD8M, Single Inlet Valve, 10-Stage, Direct Drive Condensing Steam Turbine, Woodward DG505 Governor with Woodward TM-25LP Electrohydraulic Actuator, Bentley-Nevada 990 Vibration Transmitters (4-20ma), Gland Steam Condenser, TEMA-C. Includes: Fabricated Steel Baseplate for Turbine, Generator, Lube Oil System, Local Gauge Panel. ABB Induction, 2-Pole 3.4 MW Generator, Frame AMB 560 L2L, Speed 3610 rpm, Enclosure TEWAC, Voltage 4000 VAC, SF 1.00 Ambassador Heat Transfer 4993 GPM AXM Surface Condenser, Size 48 x 252, Duty 37,588,000 BTU/HR, Materials Steel Shell, 90/10 Cu-Ni Tubes, Steel Tubesheets.

Contact Us for More Details

For more information contact -
Edward Zhang, Plant Sales
edz@phxequip.com

+1 732.520.2187 (Direct Dial)
+1 845.242.3378 (Mobile)

To discuss plants you are selling -
Jesse Spector
jesse@phxequip.com

+1 732.709.7157 (Direct Dial)
+1 908.902.8854 (Mobile)