



**25625 KW CONDENSING STEAM TURBINE GENERATOR SET**

**STEAM TURBINE:**

Manufacturer: GE  
Type: Extraction condensing down exhaust  
Rating: 25625 kw  
Inlet steam: 685 psig/760 °F  
Extraction steam: 174 psig, 0 to 60,000 lbs/hr  
Exhaust steam: 1.5" HgA  
Maximum inlet steam flow: 209,000 lbs/hr  
Steam rate @ zero extraction 8.37 bs/kwh (205,000 lbs/hr @ 24500 kw)  
Number of stages: 16  
Speed: 3600 rpm  
Rotation: CCW

**GENERATOR:**

Manufacture/Type: GE TEWAC  
Rating: 29,900 kva, 13800 v, 3 phase, 60 hz  
Field: 120 v dc, 132 amps  
PF: 0.90  
Exciter: Static exciter  
Speed: 3600 RPM

**SCOPE OF SUPPLY**

Steam Turbine complete  
Generator with terminal box and exciter  
Inlet stop valve  
Lube oil system  
Gland steam condenser  
Turbine control panel with Woodward 505 governor  
Generator control panel with generator breaker  
Condensate extraction pumps with motor  
Cooling water pumps with motor.

**HISTORY:**

Year manufactured: 1992  
Year shutdown: 2008

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