



**999 KW CONDENSING STEAM TURBINE GENERATOR SET**

**STEAM TURBINE:**

Manufacturer: Siemens (Turbodyne)  
Serial Number: 37347, U-23300  
Model number: THB7  
Type: Condensing with controlled extraction  
Rating: 999 kw (running now) Maximum 2250 kw  
Inlet steam: 250 psig/500 °F  
Exhaust steam: 2.5" hga (down exhaust)  
Inlet steam flow: 15,915 lbs/hr Maximum 30,600 @ 2250 kw  
Steam rate: 15.93 lbs/kwh  
Number of stages: 7  
Inlet steam size: 6" side  
Exhaust steam: 36" down  
Speed: 5045 rpm  
Rotation: CCW from governor end

**GENERATOR:**

Manufacture/Type: Induction, Reliance  
Rating: 3000 hp, 4160 v, 3 phase, 60 hz  
Speed: 1800 RPM

**SCOPE OF SUPPLY**

Steam Turbine complete  
Gear reducer 5045 rpm to 1800 rpm , H-5, 2250kw  
Inlet stop valve  
Lube oil system  
Gland steam condenser  
Turbine control panel with Trisen 310 governor  
Air cooled condenser

**HISTORY:**

Year manufactured: 1984  
Year shutdown: 2019

We can supply with synchronous generator voltage as you need , generator breaker and controls, Woodward 505 governor, water cooled surface condenser





