



**UNUSED 12400 KW SIEMENS CONDENSING STEAM TURBINE GENERATOR SET**

**STEAM TURBINE:**

Manufacturer: Siemens (Dresser-Rand) top Exhaust  
Type: RD9MQQ  
Rating: 12,400 kw  
Inlet steam: 600 psig/800 °F  
Maximum inlet steam flow: 116,097 lbs/hr  
Exhaust steam: 2" HgA  
Steam rate: 9.36 lbs/kwh  
Number of stages: 12  
Inlet steam size: 8" class 400  
Speed: 4500 rpm

**GEAR REDUCER:**

Manufacturer: Renk  
Model number: TL-500  
Speed: 4526/1800 rpm

**GENERATOR:**

Manufacturer: Indar  
Model: LSA-900-X/4  
Rated Power: 15537 KVA  
Voltage: 13,800 v/3 phase, 60 hz  
PF: 0.8  
Speed: 1800 rpm  
Type : Brushless air cooled

**CONDENSER:**

Manufacturer: GEA top entry  
Surface area: 10,446 Sq ft  
Cooling water inlet/outlet: 86 /98 °F  
Cooling water flow: 15,850 gpm  
Tube material: Admiralty

**SCOPE OF SUPPLY**

Steam Turbine, gear reducer skid complete  
Generator with terminal box and DECS 200 voltage regulator  
Lube oil system  
Condenser with air ejector  
Condensate extraction pump with motor  
Turbine control panel  
Generator control panel  
Battery and charger 24 v

**HISTORY:**

Year manufactured: 2009 never used

