

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

