



7420 KW SIEMENS CONDENSING STEAM TURBINE GENERATOR SET

STEAM TURBINE:

Manufacturer: Siemens
Type: SST-400 axial exhaust
Rating: 7420 kw
Inlet steam: 44 psig/662 °F (3 bar/350 °C)
Exhaust steam: 27" Hga (0.93 bar)
Maximum inlet steam flow: 92,594 lbs/hr (42,000 kgs/hr)
Steam rate: 12.5 lbs/kwh
Inlet steam size: DN500
Speed: 5223 rpm

GEAR REDUCER:

Manufacturer:
Speed: 5323/1500 rpm

GENERATOR

Manufacturer: Indar LSA-900-M/4
Rating: 8729 KVA
Volts/phase/hz: 15000 v/3/50 hz
PF: 0.85
Type of cooling: air cooled (TEWAC)
Speed: 1500 rpm

CONDENSER:

GEA water cooled

SCOPE OF SUPPLY

Steam Turbine complete
Generator
Inlet stop valve
Lube oil system
Gland steam condenser
water cooled Condenser
Condensate extraction pump with motor
Turbine control panel
Generator AVR and control panel

HISTORY:

Year manufactured: 2013
Number of hours: 1500
Still installed



