

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



