



24000 kw SIEMENS LOW PRESSURE CONDENSING STEAM TURBINE

STEAM TURBINE:

Manufacturer: Siemens Axial Exhaust
Type: SST-400 C 3S/V807 AAL
Serial number: 102 399 20
Rating: 24000 kw
Inlet steam: 174 psi/572 °F
Exhaust steam: 1.5" Hga
Maximum inlet steam flow: 257,200 lbs/hr
Steam rate:
 23,714 kw 10.85 lbs/kwh
 16,174 kw 11.25 lbs/kwh
 10,443 kw 11.78 lbs/kwh
Number of stages: 18
Inlet steam size: 2 x 12" class1500
Speed: 3600 rpm
Rotation: CCW from governor end

CONDENSER:

Manufacturer: SPX
Surface area: 32,931 Sq ft
Cooling water inlet/outlet: 65/85 °F
Cooling water flow: 23,500 gpm
Tube material: 3/4" SB338/2 Titanium, 24BWG, 4,816

SCOPE OF SUPPLY

Steam Turbine complete
Inlet stop valve
Lube oil system
Gland steam condenser
Condenser
Air ejector
Condensate extraction pump with motor

HISTORY:

Year manufactured: 2012
Last run: 2014

The turbine condenser is complete with all associated equipment we are able to provide a generator and generator controls to match with this unit if interested.

