



33000 KW Back pressure steam turbine generator set

TURBINE:

Manufacturer/Type: Dresser-Rand multistage geared back pressure, 5WL type
Rated output: 33,000 KW
Inlet steam: 665 PSIG/800 °F , 476,198 lbs/hr
Maximum steam: 900 psig/900 deg f
Exhaust steam: 35 psig
Steam rate: 14.43 lbs/kwh
Speed: 5606 rpm
Rotation: CCW from Governor end
Inlet size: 2 x 10"
Exhaust size: 48" Down

GEAR REDUCER:

Manufacturer: Lufkin model NF3019E
Speed: 5606/1800 rpm

GENERATOR:

Manufacture/Model: Jeumont. TEWAC
Rating: 41,250 kva, 0.8 PF, 13800 v, 3 phase, 60 hz, 1725 amps
Exciter: Brushless
Speed: 1800 RPM
Rotation: Cw from Drive end

HISTORY:

Unit built 2012, unused stored in original shipping boxes.