



80000 KW Condensing steam turbine generator set

TURBINE:

Manufacturer/Type: Mitsubishi type SC1F-29.5"AX, single cylinder, axial exhaust
Serial Number: N-1411
Output: 80,000 KW
Inlet steam: 1500 PSIG/970 °F
Induction steam: 90 PSIG/400 °F
Exhaust steam: 2" hga
Number of stages: 12
Speed: 3600 rpm

GENERATOR:

Manufacturer/type: Mitsubishi type MB
Serial number: 00EV8301AA0101
Rating: 94118 kva, 13800 v, 0.85 pf, 3 phase, 60 hz
Speed: 3600 rpm
Rotation: CCW from drive end

SCOPE OF SUPPLY:

Steam turbine, generator, trip and throttle valve, lube oil system, Condenser, air ejector, condensate extraction pumps with motor
Generator terminal box with surge protection system, ct's, pt's
Manuals and drawings

History unit built 2001 part of combined cycle power plant.



