

Two X 5MW Steam Turbine Generator Sets (60Hz)

CA Parsons and Co Ltd STG's

Turbine:

Manufacturer: CA Parsons and Co. Ltd

YOM: 1951

Output: 6250 kW CMR

Steam Pressure: 410psig

Temperature: 650°F

rpm: 3600

Steam per hour: 11.648 lbs/kW at 5000kW output.

Generator:

Manufacturer: CA Parsons and Co. Ltd

YOM: 1951 / 1952

Phase: 3

Specification ASA: C50/1943

Output: 5000kW
6250kVA

Voltage: 6900

Amperage: 523

Frequency: 60Hz

rpm: 3600
Power Factor: 0.8
Excitation: 115 Volts 215 Amps
Efficiency @
5000kW: 95.5%

Boiler:

Manufacturer: Combustion Engineering Corp. Ltd.

Type: VU Steam Generator

Heating
Surface: Boiler 16,954 sq. feet.

waterfall 2,762 sq. feet.

Steam flow
capacity: 150,000 lb./hr.

Operating
pressure: 435 psi