

1) Triveni TST-2300-23 Steam Turbine (2012); Power 20,000 kW; Inlet Steam 400 Degree C; Inlet Pressure 40 Bar; Turbine Rotor Speed 6,150RPM; Gear Box Output Speed 1,500; Complete with Triveni Gearbox (2012) (Manufactured under licence from Lufkin, USA), Serial Number M2919X000037; 21,800kW; Input/Output 6,141/1,500RPM; Ratio 4.094; (13,000kg); (1) WEG Synchronous Alternator, Model number SPW 1120. (2012); 26,250 kVA; 11,000 Volts; 1500RPM, 50HZ; Serial Number 1016864569; (Alternator stator was repaired and rebuilt in 2017), Complete with Exciter 140.55kVA, 73.51 Input voltage, 9.43 Input current & Main Exciter 2.4 power kVA; 180 Voltage, 12 poles;

(1) CC Jensen PTU3 27/108 MZ-E2H1PW Turbine oil purification & cooling system (2013)

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Turbine auxiliary cooling oil skid consisting of (2) Eskay 020120120, ST-BEM Heat exchangers, 1135 LPM (2012)

(1) Pollet Water Group Condensate Polishing System; 2 cubic metres/hour. (2016) consisting of: (4) Pentair composite PE inner shell 712 Litre capacity resevoir tanks with LTH Digital Control MXD 75; Watercare CF0740SB-316-3'PN16 Stainless steel Water purification filter;

Cooling water system; Consisting of (2) Siemens motors & pumps, controls & distribution panel board & dosing pot; Also includes (3) Chemical Support Systems Flowserve SCS4S Condensate/RO Make up & Boiler Feedwater controls with Endress & Hauser Liquiline Control & W014 13644 Steam sampling system; (2014)

Air Cooler Condenser (ACC) Condensate Condenser Vacuum System (2013); Including Vacuum pumps & motors with controls: (1) Pneumatik-Behalter 7403-001 System, 1.0PS Mn Bar, 0.5 Max Bar, 410 Litre Volume, (2) Siemens motors 1LE15012B, 400V 30kW & (2) Pumps; (1) Econ pneumatic actuator & (2) Sterling Sihl PHA 5320 BN pumps.

Stork Thermaq Condensate return storage tank, 80,000 litre capacity; (2014) on fabricated stand complete with (3) Siemens 3-MOT, 1LE 15012AA434AB5-Z, motors, 400V 30kW; (3) Eagle Burgmann LS 2000-00 pressure Vessels (2014); Rosemount 1066 Control, Condensate pump & motor controls;

Boiler feed water system (2014) Consisting of (3) Siemens Compact 3 MOT, 1LAB 317-2 AC60-Z Motors, 400V 315kW; (3) Pumps & controls; (1) Funke FP205-123-1-EH-1 Heat Exchanger (2014)

Envirogen Water Technologies EWT Twin pass, Reverse Osmosis Water Treatment System (RO water plant, 5 cubic metres/hour) (2013); Complete with (4) Pentair composite PE inner shell 309 Litre capacity resevoir tanks with Flowserve Gestra URB 50 Control;

Reverse Osmosis Water Transfer System; Comprising: (2) pumps & Siemens 7.5kW Motors; Plus (1) Rosemount 1066 Control

HRS Power Ltd., 50,000 litre working capacity Raw water/mains water indoor Silo Tank (2013); Aropol DRL 085 Structural resin, material of tank GRP; Grundfos Pump CR110-08 A-CA-1-V-HQQV, 10m³/Hour, 3kW; M-Flow PW Control;

50,000 Litre working capacity demin water Silo tank for RO water; Tank material PP/GRP. Abbott & Co. A57639 Blow down tank on fabricated stand (2014); 1 cubic metre/hour capacity; 3,700 litre, 7 bar

(1 block of 12) McQuay FP50 6600 5790 Built in ventilation matrix air handling unit (Serial number 2143057) with (4) forward/reverse fans & motors; (2014)

Nicholson Plastics 10,000 litre Water tank for supression (2017)

Bank of Triveni/Softcon Turbine electrical control panels (2014); Project number SSPL/12-13TRIVENI/045; Rosemount Flow Computer Electrical panels; VeeVee Controls DC Motor Starter panel (2014)

Bank of Instrumentation Control & Automation Electrical Control Panels; Consisting of: Feed water pump, distribution electrical panels, cooling water electrical panels, ACC cooling electrical panels; Triveni steam turbine generator, motor auxiliaries & STG panel & feeder electrical control panels

Bardic DC-FLOAT-400-108-176A70-NMI Control Battery Float System

(24) 4.2 metre wide x 11 metres high Air cool condenser panels with Aluminium fins; (All the way along two sides of the building)

Steel fabricated pipe support bridge: Dimensions approx 1.8 metres wide x 48 metres long x 4.5 metres high

Quantity of unused motors, standard pumps and vacuum pumps including: (8) Siemens 30kW Motors, 400V; (4) Brook Crompton BO-DF280S Motors; (2) ABB Motors

Stork Thermaq deaerator tank, 80,000 litre capacity under vacuum; Steam inlet & control, manifold distribution system; - Steam turbine exhaust manifold, dimensions approx 1500mm dia x 50 metre long; ACC connections; Condensate pipes, recycled boiler pipes, water pipes and steam pipes; Controls, valves and 45 degree pipes connecting inlet manifold;

(4) ACC Roof fans with Siemens motors 3-MOT, 1LA8 355-8PB80-Z; 400V, 250kW; Triveni TST-2300-24 (2013) Steam Turbine (UNUSED, 2012); Power 20,000 kW; Inlet Steam 400 Degree C; Inlet Pressure 40 Bar; Turbine Rotor Speed 6,150; Gear Box Output Speed 1,500 complete with Triveni/Lufkin Gearbox M2919X0000039NCLF (UNUSED 2012), Rated Power 21800 kW, 29,238 Horse Power; 4.094 Ratio; 131/32 Number of teeth gear/pinion; Weight 13,000kg; 6141/1500 Input/Output Speed; Included with the second turbine is the Condensate Tank, Plus (18 sets) Air Cool Condenser panels, each 4.2 metres wide x 11 metres long (not full set & poor condition); The Building Structure, which is easily dismountable & shed holding the turbine are both also included.