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P & W FT8 Gas Turbine Power Plant

Technical Specifications

Gas Turbine Model : FT8 Powerpac

Manufacturer : Pratt & Whitney

No. of units : 1

Commercial Operation Date : March 1992

Total Hours Since New : 55093 Fired Hours, 4903 Starts
Time since last overhaul 1653 hours

ISO Rating : 27.404 MW, 35.63 MVA

Heat Rate : 9269 BTU/kW-hr

Control System Manufacturer : GE Micronet (installed January 2005)

Generator Manufacturer : Brush Electrical Machines Ltd, USA

Generator Type : Brushless Excitation, 11.5 kV, 50 Hz

Fuel Type : Dual Fuel (Diesel and Gas)

Year of Manufacture : 1991

Starting System : Air

Water Injection : Installed water injection Nox control system

Current Status : Unit is still in operation so test runs can be carried out.

Misc : Generator tests were carried out at 3600 RPM, 13800V, 60 Hz and can be modified back to 60 Hz operation if required.

The complete power plant is available to be sold including all equipment which is required for electrical generation, from Air Inlet Filters to Transformers.

Also available is the HRSG and water injection equipment

The flow for FT8's HRSG can increase to 45 t/hr with boiler burner operation.