

4.25 MW Cogeneration Power Plant for Sale

Capacity: 4.25 MW

Major Equipment (includes):

- Solar Centaur Type H Gas Turbine Generator Set Model GSI-CU-KA
- Solar Centaur 50 Turbine version 5701
- 4.25 MW Brushless Synchronous AC Generator model A255800000
- 40,000 Lbs/Hr Energy Recovery Inc. Heat Recovery Steam Generator (HRSG) Boiler with Economizer and 16.6 mm BTUH Natural Gas Fired Duct Burner
- 50,000 Lbs/Hr Tampella Power Package Boiler model DS-45, Two Drum Water Tube Type Boiler

Also Includes:

- Condensate Receiver Tank
- Aurora Pumps
- Condensate Polisher System
- Desiccant Air Dryer
- 112.5 KVA Transformer
- (2) Gardner Denver Air Compressors
- Deaerator Skid System
- Aux Boiler Fuel Oil Boost Pumps
- Reverse Osmosis System
- De-Ionization System
- 300 KVA GE Transformer
- Insulated Carbon Steel Blow Down Tank

Documentation: Full Documentation Available



Equipment Summary

This Cogeneration Power Plant includes a 4.25 MW Solar Centaur Type H Gas Turbine Generator Set model GSI-CU-KA, with: (1) Solar Centaur 50 Gas Turbine version 5701, Engine ID EH5701-59-DW, Power 4138/4060 (G/L), NGP 14951 60 HZ/14944 50 HZ, IGV Setting 8.0, T5 Base 1297 F/1288 F (G/L), Setpoint Full Load 1400 F/1400 F; (1) 4.25 MW Brushless Synchronous AC Generator model #A255800000; (1) 40,000 lbs/hr Energy Recovery Inc. Heat Recovery Steam Generator (HRSG) boiler with economizer Model #S3-1816, design pressure 200 psig, operating pressure 100 psig, feedwater temp 228 F, Total Boiler Heating surface area 13,570 Sq Ft, 288 tubes x 2" OD. Unit comes with a Davis 16.6 million BTUH natural gas fired duct burner; and (1) 50,000 lbs/hr Tampella Power Package Boiler model DS-45, two drum water tube type boiler. 50,000 lbs/hr of steam, 100 psig operating press., 200 psig design press., saturated steam temp., 228 F feedwater temp., 3925 Sq Ft total heating surface, 555 Sq Ft radiant heating surface, 3370 Sq Ft convection heating surface, 955 Cu Ft furnace volume, natural gas/#2 oil fueled. Comes w/ Tampella Power Faber Type "WB" Burner Unit, model W01-23.5, 3163 lbs/hr of oil and 64,550 CFH gas. 13'6" H x 19'8" L x 11' W OAD.

Contact Us for More Details!

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