FULLY AUTOMATED
COMBINED HEAT AND
POWER PLANT

For more information contact john@linnmachinery.com
6.4 MW GEC-ALSTHOM GENERATOR

- Totally enclosed with turbine in air cooled and dust filtered hood for maximum efficiency.
- 6000V
- 50 Hz
5.2 MW SOLAR TAURUS GAS TURBINE

- MAJOR SERVICE AND TURBINE CHANGE IN 2007
  - 30,000 hours between major service.
  - Run for c7000 hours after service.
  - c23,000 hours until next turbine change.
22 TONNE/HR RECOVERY BOILER

- STEJASA diverter unit.
- Post combustion chamber VAI-C5 burner.
- Recovery boiler producing 22 tonnes of steam per hour.
CONTROL AND DISTRIBUTION

• Automated computer control.
• Complete electrical distribution panels for the installation.

• 2 Transformers
  • 6KV to 45KV & 5MVA.
  • 6KV to 380V & 800KVA.
COMBINED HEAT & POWER PLANT

- Originally installed December 1995
  - Major service every 30,000 hours.
  - Last service in 2007, including turbine change.
  - Approximately 22,000 hours left before next major service.
- 5,2 MW SOLAR TAURUS gas turbine.
- 6.4 MVA GEC ALSTHOM generator.
  - 6000 V
  - 50 Hz
- STEJASA diverter and exhaust unit.
- Post combustion VAI-C5 burner.

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COMBINED HEAT & POWER PLANT

- Heat recovery boiler producing
  - 22 ton/hour of steam with post combustion burner.
  - 11 ton/hour of steam without post combustion burner.
- Gas combustion with 2 step pressure increase
  - 8 bar to 12 bar.
  - 12 bar to 16 bar.
- Automated computer control.
- All electrical distribution panels included.
- 2 transformers included
  - 6 kV to 45 kV and 5 MVA.
  - 6 kV to 380 V and 800 KVA.
- Diesel start system.
- Installed equipment requires 308,5 kW of generated power.

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General Information

FOR GENERAL INFORMATION WE HAVE TO INFORM YOU OF THE FOLLOWING:

This schedule has been prepared solely for the guidance of prospective purchasers and in no way constitutes, and at no time will it be deemed to constitute, an offer or contract or any part of an offer or contract. Additionally, no warranty is given to the accuracy of any measurement, specification or other details whatsoever given within this document.

Whilst every reasonable effort has been made to verify any statement, description or comment made within the document, for avoidance of doubt it is emphasised that the purchaser must make their own enquiries and satisfy themselves.

Please note that all offers are made as lying and subject to contract.

Further technical details, photographs and videos available on request.

If you have any specific requirements for paper making machinery or wish to sell your spare or redundant machinery then please contact us on john@linnmachinery.com

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