

By Order of A W Graham Esq and R A Croxen Esq of KPMG LLP the Joint Administrators of Aylesford Newsprint Ltd

Two CHP Units, Water Treatment Plant and Steam Turbine

(Subject to availability and conditions of sale)



Please be aware that this is a PPE site – visitors must wear adequate PPE at all times

PRIVATE TREATY SALE: This is offered for sale by Private Treaty negotiations and offers are invited

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ON VIEW: By Appointment

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In Association with John Wilkie Paper Mill Services Ltd

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FOR YOUR GENERAL INFORMATION PLEASE NOTE THE FOLLOWING:

This schedule has been prepared solely for the guidance of prospective purchasers and does not constitute (and at no time shall 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 measurements, specifications or other details whatsoever given within this schedule.

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

Water Treatment:

Supply bore hole. Capacity 2400 m³/ day, output 91 m³/ Hr, this is a twin stream plant consisting of weak acid cation and strong acid cation at the front of each stream, treated water then flows through a degasser tower before entering the Bi functional Anion unit. Final polishing is through a small Cation unit to produce water below 0.3µs/cm conductivity. This is a self contained plant and comes with Anion and Cation regeneration systems, effluent tanks, treated water reserve tanks and all required pumps and motors. Full technical details are available on request.



CHP1

Frame 6 model PG6541, serial number 296471, seventeen compression stages, Year 1994. John Brown manufacture with a GEC Alsthom T190-240, generator, 39 MW, 11 Kv, 3000 rpm, rated 45 MVA, 119360 hours. Gearbox: Kvaerner serial number J3783, load gearbox TRL65CV number 4504, running natural gas, dual fuel, power turbine stages three.



Boiler: Standard Fasel–Lentjes BV manufacture, dual pressure drum type, natural circulation, rating 120 t/hr, superheat 480 C, pressure 62 bar A, economiser inlet temp 80 C.

Auxiliary Burner specification: Maxon manufacture, type LV-D TEG-AUX burner, fuel natural gas, max power GT mode 40 MW, max cold air 130 MW.

FD Fan specification: ADC Fans, type 1800 AC8A centrifugal, rating 118.7 cu m/s, motor 560 Kw.

LP feed pumps: Ingersoll Dresser Pumps, type 4x6x 12A, rating 140 t/hr, motor 75 Kw.

HP feed pumps: Ingersoll Dresser Pumps, type 4 x 11CS-6, rating 135 t/hr, 450 kW.

Transformers: Generator step up transformers for each of the turbines.

Rating 50 MVA, HV voltage 33 Kv, LV 11 Kv, three phase.

Gas Compressor: Howden WRVHN oil injected screw gas compressor package in sound proof cabinet.

CHP1 continued



CHP2



Frame 6 model PG6561B , seventeen compression stages, serial number 809934 (T848), year 2001 G E Manufacture with an Alstom generator 42 MW, 11Kv, type T600, 51 MVA, 3000 rpm, 112970 hours, CONTROL SYSTEM Speedtronic Mark V/TMR, running natural gas, dual fuel, power turbine stages three.

CHP2 continued



Boiler: Standard Fasel –Lentjes BV manufacture, dual pressure drum type, natural circulation, rating 120 t/hr, superheat 480 C, pressure 62 bar A, economiser inlet temp 80 C.

Auxiliary Burner specification: Maxon manufacture, type LV-D TEG-AUX burner, fuel natural gas, max power GT mode 40 MW, max cold air 122.5 MW.

FD Fan specification: ADC Fans, type 2MD1800/19840/T33, rating 144 cu m/s, motor 580 kW.

LP feed pumps: KSB Pumps, type HPK-SX 100-315 , 140 t/hr, motor 75 kW

HP feed pumps: KSB Pumps, type HGB 31/10, rating 135 t/hr, 450 kW

Transformers: Generator step up transformers for each of the turbines.

Rating 52 MVA, HV voltage 33 Kv, LV 11 Kv, three phase.

Gas Compressor: Motherwell Bridge Caledonian rotary gas compressor package in sound proof cabinet.



Steam Turbine



The turbine is a nominal 20MW ABB back pressure steam turbine and was designed to take the full normal steam flow required at site, reducing temperature and pressure whilst generating additional electricity. Steam pressure is 62 bar A as supplied and provides extraction steam at 16 bar A and an exhaust steam at 4.5 bar A.

Steam Turbine Generator



ABB manufacture, back pressure design, rated 20 MW, speed 8000 rpm, inlet pressure 62 bar A, 480 C, extraction pressure 16 bar A, extraction temperature 239C, outlet pressure 4.5 bar A, outlet temperature 178 C, gearbox epicyclical type, ratio 8269/1500 rpm.

Steam Turbine generator coupled to turbine and air cooled

ABB generator, type synchronous AC, model GBA 1120 LG, 26 mva, 1500 rpm, power factor 0.8, stator voltage 11 Kv. Service history available on request.