



PLANT LIST

- 1 Fuel storage
 - 1.1 Reception area 1 (RDF 300 mm)
 - 1.2 Quarantine area
 - 1.3 Main storage 1 (RDF 80 mm)
 - 1.4 Main storage 2 (RDF 80 mm)
 - 1.5 Feed hopper 1
 - 1.6 Feed hopper 2
 - 1.7 Spare and refuse hopper
 - 1.8 Shredder 1
 - 1.9 Magnet metal separator 1
 - 1.10 Eddy current separator 1
 - 1.11 Shredder 2
 - 1.12 Magnet metal separator 2
 - 1.13 Eddy current separator 2
 - 1.14 Separated metal bins
 - 1.15 Weightbridge IN
 - 1.16 Weightbridge OUT
 - 1.17 Spare area
 - 1.18 Overhead crane with grab 1
 - 1.19 Overhead crane with grab 2
- 2 HCU
 - 2.1 HCU 1
 - 2.2 HCU 2
 - 2.3 Deashing system HCU 1 and Boiler 1 closed
 - 2.4 Deashing system HCU 2 and Boiler 2 closed
 - 2.5 Common closed ash chain transporter
 - 2.6 Common closed ash belt transporter
 - 2.7 Covered waterproof ash storage
- 3 Boiler
 - 3.1 Boiler 1
 - 3.2 Boiler 2
 - 3.3 Economizer boiler 1
 - 3.4 Economizer boiler 2
 - 3.5 Feedwater tank boiler 1
 - 3.6 Feedwater tank boiler 2
- 4 Flue gas treatment
 - 4.1 Bag filter 1
 - 4.2 Bag filter 2
 - 4.3 Bicarb silo 1
 - 4.4 Bicarb silo 2
 - 4.5 PAC silo 1
 - 4.6 PAC silo 2
 - 4.7 ID Fan 1
 - 4.8 ID Fan 2
 - 4.9 APCR silo 1
 - 4.10 APCR silo 2
 - 4.11 Stack (2 flues)
- 5 CEMS
- 6 Denox
 - 6.1 SCR 1
 - 6.2 SCR2
- 6.3 Ammonia hydroxide tank and pumps
- 7 TG Set
 - 7.1 Turbine and generator
 - 7.2 ACC
 - 7.3 Condensate and make-up tank
- 8 Water treatment
- 9 High voltage
 - 9.1 Own consumption
- 10 Control system
 - 10.1 Control cabinets
- 11 Auxiliaries
 - 11.1 Diesel generator
 - 11.1.1 Fuel oil tank
 - 11.3 Fire water tank
 - 11.4 Fire water pumps

GRID POWER (UK) Ltd. 34 STATION ROAD POOLE, BH14 8UD UK		Investor: GRID POWER (UK) Ltd.
Designer: I. Viskoc Designer Co.: A. Pienik Major Designer: V. Pienik Author: I. Kozak	Rev: 0 Building: 2 x 25 MWh, 13.6 MWh - EW Houghton Main	Rev: 0 Building: Houghton Main LAYOUT
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