



PERFORMANCE DATA			
1 BOILER x 1 STEAM TURBINE			
A OPERATING CONDITIONS			
1	HEAT INPUT TO EACH BOILER	100.5	MWt
2	WASTE FLOW TO EACH BOILER	33.2	TPH
3	CALORIFIC VALUE OF FUEL	10900	kJ/kg
4	GROSS STG OUTPUT (At Gen. Term.)	30.76	MW
5	PLANT EFFICIENCY	30.61	%
6	BLOWDOWN	0	%
B REF. DESIGN SITE CONDITIONS			
1	DRY BULB TEMPERATURE	15.00	°C
2	RELATIVE HUMIDITY	60.00	%
3	ATMOSPHERIC PRESSURE	1.011	bar(a)

NOTES:
 1. PARAMETERS INDICATED IN HBD ARE PRELIMINARY AND FOR INFORMATION ONLY.
 2. HBD WILL BE REVERIFIED AFTER RECEIPT OF FINAL TURBINE VENDOR INPUT.
 3. CALCULATIONS BASED ON IAPWS-IF97 STEAM PROPERTIES.

PRELIMINARY
 FOR INFORMATION PURPOSE ONLY

REV.	DESCRIPTION	DATE	MP/HDS	PIHG	SUB
00	FOR APPROVAL	22-Feb-22	MP/HDS	PIHG	SUB

PROJECT: CORBY ENERGY FROM WASTE (EFW)

rps MAKING COMPLEX EASY

Case 1: 100% DLC case @ 15 °C, 60% RH & 1.011 bar(a)

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PRESSURE | ENTHALPY
 Bar(a) | kJ/KG
 FLOW | TEMPERATURE
 kg/hr | °C
 X = QUALITY