

ENERGY SOURCE

Form S3/E1

REPORTING OF MONITORING DATA

SUMMARY FOR THE YEAR 1st JAN TO 31 DECEMBER 2021

Operator: Neath Port Talbot County Borough Council

Location: Materials Recovery & Energy Centre, Crymlyn Burrows,
Swansea, SA1 8PZ

Permit Number: BJ5775IF

Table S3/E1: Energy Source			
Energy Source	Annual Energy Consumption		CO2 released tonnes
	Primary energy produced on-site MWh *	Primary energy imported MWh **	
Electricity	NIL	2131.179	4765.316
Gas	NIL	NIL	NIL
Gas Oil	NIL	DIESEL 64057.0	167.829

Notes:

* Reported energy use shall cover 95% of all energy used by the Installation. An operational record of the energy use calculation shall be maintained. The primary energy generated on site represents energy used by the site and energy exported

** Units of imported electricity should be multiplied by a factor of 2.6 to account for the energy lost in generation and transmission.

CO2 emissions per litre of diesel: 2620 g CO2/litre

CO2 emissions per MWh of electricity generated using dirty coal = 0.86 tonne/MWh

Signed on behalf of the Operator Roberto Cirillo

Dated 21st Jan 2022