

Permit Number: **EPR/DP3137EG**

Operator: **Margam Green Energy Limited**

Facility: **Margam Green Energy Plant**

Form Number: **Performance 1** Date : **25/01/2021**

Reporting of Performance Parameters for the period from: **01/01/2020 to 31/12/2020**

<b>Parameter</b>	<b>Total Value</b>	<b>Units</b>	<b>Specific Value</b>	<b>Units</b>
Electrical energy imported from national grid	1,076	MWh	0.006	MWh/tonne of waste co-incinerated (dry basis)
Electrical energy exported to national grid	233,142	MWh	1.026	MWh/tonne of waste co-incinerated (dry basis)
Electrical energy used at the installation	20,250	MWh	0.121	MWh/tonne of waste co-incinerated (dry basis)
Gas oil consumption	156	tonnes	2.157	tonnes/tonne of waste co-incinerated (dry basis)
LPG consumption	N/A	m <sup>3</sup>	0.000	m <sup>3</sup> /tonne of waste co-incinerated (dry basis)
Mass of Bottom Ash (including boiler ash) produced	11,964	tonnes	0.061	tonnes/tonne of waste co-incinerated (dry basis)
Mass of APC residues produced	2,705	tonnes	0.014	tonnes/tonne of waste co-incinerated (dry basis)
Ammonia / Urea consumption <sup>[1]</sup>	497	tonnes	0.002	tonnes/tonne of waste incinerated (dry basis)
Activated Carbon consumption	116	tonnes	0.000	tonnes/tonne of waste incinerated (dry basis)
Lime consumption	1,188	tonnes	0.005	tonnes/tonne of waste incinerated (dry basis)
Water consumption	42, 522	m <sup>3</sup>	0.208	m <sup>3</sup> /tonne of waste incinerated (dry basis)
Periods of abnormal operation	1	-	N/A	Number of occasions in the reporting period.
Periods of abnormal operation	1.62	-	N/A	Total cumulative hours for current calendar year

1. Subject to agreed response to pre-operational condition PO10

Reporting of Annual Production / Treatment for the period from: 01/06/2019 to 31/12/2019

Parameter	Value	Units
Total Wood Waste Received <sup>[1]</sup>	224,411	Tonnes
Total Wood Waste Co-incinerated	218,341	Tonnes
Electrical Energy Generated	253,392	MWh
Electrical Energy Exported	233,142	MWh
Electrical Energy Used on Installation	20,250	MWh
Thermal energy produced e.g. steam	N/A	MWh
Thermal energy exported	N/A	MWh
Thermal energy used on installation	N/A	MWh
Total bottom ash (including boiler ash) produced	11,964	Tonnes
Total APC residue produced	2,705	Tonnes

1. All waste wood delivered to the installation, including waste which is subsequently rejected.

Operator's comments :

Total plant operating hours at MGEL reached 6,383 between 01.01.2020 and 31.12.2020, this was impacted due to COVID-19.

Signed .....Paul Fitzsimmons .....  
 (Authorised to sign as representative of **Margam Green Energy Limited**)

Date.....27/01/2021..