

Permit Reference Number: BR97151B
Operator: Solutia UK Ltd
Installation: Newport Chemical Complex

Form Number: E1

Reporting of Energy Usage for the year: 2020

Energy Source	Energy Usage		CO ₂ Produced (tonnes)
	Delivered Energy MWh	Primary Energy (MWh)	
Electricity Imported	-8402	-20165	-3347
Site - Generated by CHP	21338	51211	---
Site - Generated by Wind Turbine	6021	6021	---
Gas	236641	236641	39282
Oil	0	0	0
TOTAL	255598	273708	35935

Trends in Energy Usage			
Year	Parameter		
	Primary Energy usage	CO ₂ produced	CO ₂ per tonne product output
2010	197,261	35,666	0.41
2011	212,473	41,674	0.42
2012	249,192	45,375	0.53
2013	238,099	43,267	0.56
2014	225,798	41,161	0.49
2015	217669	38998	0.44
2016	178200	36827	0.44
2017	208451	39741	0.47
2018	248922	35286	0.36
2019	249489	35746	0.35
2020	273708	35935	0.39

Operator's comments:

- Conversion factor for delivered electricity to primary energy = 2.4
- CO₂ factor CO₂/MWh = 0.166
- Site Tonnage = 93243t
- There is a net export of electricity to other site tenants (hence the negative number on import)
- CHP CO₂ not provided, as it is accounted for in the Gas usage
- EUETS Conversion factors used for GJ>MWh

Signed *:



Date: 25/01/2021

(* authorised to sign as representative of the Operator)

Date of Form: 31/03/11