

Permit Reference Number: EPR/AB3893FZ

Operator: IQE Silicon Compounds Newport

Installation: IQE Silicon Compounds Limited Newport Semi-Conductor Facility Imperial Park Celtic Way Celtic Lakes Newport NP10 8BE

Form: E1

Reporting of Energy usage for the year: **2021**

			Year	Primary Energy Usage	CO ₂ Produced	CO ₂ per unit output (in ² wafer used)(Grammes)
Delivered Electricity (Mwh)	6129.32		2019	16990.29	1884.51	0.0025g
			2020	24879.00	2387.84	0.0020g
Primary Electricity (Mwh)*	14710.36					
Primary Carbon Dioxide (Tonnes)**	2441.92					
Delivered Gas (Mwh)	2565.93					
TOTAL ENERGY USE (Mwh) (primary electricity + gas)	17273.29					

*Conversion factor for primary electricity = delivered electricity X 2.4

** Conversion factor for primary carbon dioxide = primary electricity x 0.166



21/01/2022

Operator's Comments:

CO₂ per unit output = primary CO₂ / wafers used

In² wafers used 2021 = 1000457.46

CO₂ per unit output = 0.0024g

Total amount of wafers produced in kg = 2086.86

Date of Form: 21/01/2014