

Permit Reference Number: KP3235SS

Operator: IQE (Europe) Limited

Installation: IQE (Europe) Limited, Pascal Close, St. Mellons, Cardiff, CF3 0LW

Form: E1

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

			Year	Primary Energy Usage	CO ₂ Produced	CO2 per unit output (in ² wafer used)(Grammes)
Delivered Electricity (Mwh)	4802.96		2008	10,589.8	1757.9	0.0052g
			2009	9404	1561	0.0013g
Primary Electricity (Mwh)*	11527.11		2010	9428.75	1565.17	0.0088g
			2011	8649.69	1435.84	0.0068g
Primary Carbon Dioxide (Tonnes)**	1913.50		2012	9463.34	1439.28	0.0085g
			2013	9425.05	1445.13	0.0079g
Delivered Gas (Mwh)	2320.24		2014	8205.37	1362.09	0.0063g
			2015	8641.50	1434.49	0.0053g
TOTAL ENERGY USE (Mwh) (primary electricity + gas)	13847.35		2016	9321.82	1547.42	0.0044g
			2017	12202.56	2025.62	0.0023g
			2018	13918.81	2072.04	0.0025g
			2019	13811.44	2051.22	0.0037g
			2020	12986.73	1953.36	0.0061g

*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 = 267765.80

CO₂ per unit output = 0.0071g

Date of Form: 21/01/2014

