

Cirencester College – Streamlined Energy and Carbon Reporting (SECR) Financial Year 2023-24

Greenhouse gas emissions and energy use data for the period 1 August 2023 to 31 July 2024 -UK	Current reporting year 2023/24	Comparison reporting year 2022/23
Energy consumption used to calculate emissions (kWh)	1,387,461.9	1,478,162
Energy consumption breakdown (kWh)		
Gas	713,144.5	821,545.3
Electricity	650,543.4	630,227.64
Transport fuel	23,774	22,907
Scope 1 emissions in metric tonnes CO2e		
Gas consumption	130.43	147.87
Owned transport	4.75	4.57
Total Scope 1	135.18	152.62
Scope 2 emissions in metric tonnes CO2e		
Purchased electricity	134.69	130.50
Scope 3 emissions in metric tonnes CO2e		
Business travel in employee-owned vehicles	4.87	4.91
Total gross emissions in metric tonnes CO2e		
Intensity Ratio		
Tonnes CO2e per member of staff	0.02	0.03

Quantification and Reporting Methodology

We have followed the 2024 HM Government Reporting Guidelines. We have also used the GHG Reporting Protocol - Corporate Standard and have used the 2024 UK Government's Conversion Factors for Company Reporting.

Intensity measurement

The chosen intensity measurement ratio is total gross emissions in metric tonnes CO2e per staff member, the recommended ratio for the sector.

Measures taken to improve efficiency

Lights have been replaced with LED's and Sports boilers have been replaced. Additional solar panels have been added to the new buildings which have been constructed to the latest standards, and we have also planted lots of trees around the campus.