

Cirencester College – Streamlined Energy and Carbon Reporting (SECR)

Financial Year 2019-20

Greenhouse gas emissions and energy use data for the period 1 August 2019 to 31 July 2020 -UK	2019/20
Energy consumption used to calculate emissions (kWh)	1,696,650
Energy consumption breakdown (kWh)	
Gas	1,025,842
Electricity	607,390
Transport fuel	63,418
Scope 1 emissions in metric tonnes CO₂e	
Gas consumption	188.62
Owned transport	9.02
Total Scope 1	197.64
Scope 2 emissions in metric tonnes CO₂e	
Purchased electricity	141.61
Scope 3 emissions in metric tonnes CO₂e	
Business travel in employee owned vehicles	6.75
Total gross emissions in metric tonnes CO₂e	346.00
Intensity Ratio	
Tonnes CO ₂ e per member of staff	1.27

Quantification and Reporting Methodology

We have followed the 2019 HM Government Reporting Guidelines. We have also used the GHG Reporting Protocol - Corporate Standard and have used the 2020 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

Replaced 30yr old boiler in library with 2 new boilers, replaced heating pump with new ERP regulated pump, new control panel with associated control to give better efficiency. Oct 19
Improved technology to allow Microsoft Teams meetings between apprentices and assessors to reduce need to travel.

Covid impact meant less gas/electric consumption as site closed end March for 12 weeks.

