

ENERGY & CARBON REPORTING 2025/26

Greenhouse gas emissions and energy use data for the
period 1st August 2025 to 31st July 2026

Energy consumption used to calculate emissions (kWh)	2,271,042
Energy consumption break down (kWh) (optional)	
Gas	1,295,541
Electricity	* 865,909
Transport fuel	109,592
Scope 1 emissions in metric tonnes CO ₂ e	
Gas consumption	236.95
Owned transport	3.25
Total scope 1	240.20
Scope 2 emissions in metric tonnes CO ₂ e	
Purchased electricity	0
Scope 3 emissions in metric tonnes CO ₂ e	
Business travel in employee owned vehicles	23.56
Total gross emissions in metric tonnes CO₂e	263.76
Intensity ratio	
Tonnes CO ₂ e per member of staff	0.60

Greenhouse gas emissions and energy use data	Current reporting year 2025-2026	Comparison reporting year 2024-2025	Difference calculated between 24/25 & 25/26
Energy consumption used to calculate emissions (kWh)	2,271,042	2,429,192	(158,150)
Energy consumption break down (kWh) (optional)			
Gas	1,295,541	1,395,808	(100,267)
Electricity	* 865,909	919,753	(53,844)
Transport fuel	109,592	113,631	(4,039)
Scope 1 emissions in metric tonnes CO2e			
Gas consumption	236.95	255.29	(18.34)
Owned transport – mini-buses	3.25	4.71	(1.46)
Total scope 1	240.20	260.00	(19.80)
Scope 2 emissions in metric tonnes CO2e			
Purchased electricity	0	0	0
Scope 3 emissions in metric tonnes CO2e			
Business travel in employee owned vehicles	23.56	22.54	1.02
Total gross emissions in metric tonnes CO2e	263.76	282.54	(18.78)
Intensity ratio			
Tonnes CO2e per member of staff	0.60	0.64	(0.04)

10.1 Quantification and Reporting Methodology

We have followed the 2019 HM Government Environmental Reporting Guidelines. We have also used the GHG Reported Protocol – Corporate Standard and have used the 2024 UK Government’s Conversion Factors for Company Reporting.

10.2 Intensity measurement

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

10.3 Measures take to improve energy efficiency

During 2025/26 the College has invested in improvements to lighting, insulation, new external doors, heating systems, heating controls and solar film on windows.

The purchased electricity is zero carbon so is excluded from this report. The College's electricity consumption was 866 MWh of which 176 MWh was generated from solar PV and used on site. The remaining 690 MWh was purchased under a zero-rated carbon contract, 79% of this electricity is generated from nuclear power and 21% is generated from renewable sources. The HMG Environmental Reporting Guidelines state that zero rated carbon electricity should be excluded from the Energy and Carbon Report