

SHINE Energy and Carbon Reporting Year Ending 31st August 2025

Streamlined energy and carbon reporting

The academy trust's greenhouse gas emissions and energy consumption are as follows:

	2025	<i>2024</i>
Energy consumption used to calculate emissions (kWh)	1,703,417	<i>1,671,834</i>
Energy consumption breakdown (kWh):		
Gas	1,155,312	<i>1,130,425</i>
Electricity	548,105	<i>541,409</i>
Scope 1 emissions (in tonnes of CO2 equivalent):		
Gas consumption	211	<i>207</i>
Total scope 1	211	<i>207</i>
Scope 2 emissions (in tonnes of CO2 equivalent):		
Purchased electricity	112	<i>115</i>
Scope 3 emissions (in tonnes of CO2 equivalent):		
Business travel in employee-owned vehicles	5	<i>6</i>
Total gross emissions (in tonnes of CO2 equivalent):	328	<i>328</i>
Intensity ratio:		
Tonnes of CO2 equivalent per pupil	0.18	<i>0.19</i>

Quantification and Reporting Methodology

The academy trust has followed and used the following quantification and reporting methodologies:

- the 2019 HM Government Environmental Reporting Guidelines;
- the GHG Reporting Protocol - Corporate Standard; and
- the 2024 UK Government's Conversion Factors for Company Reporting.

Intensity measurement

The chosen intensity measurement ratio is total gross emissions in metric tonnes of CO2 equivalent per pupil, the recommended ratio for the sector.

Measures taken to improve energy efficiency:

- Successful CIF bids for new heating and boiler systems;
- Successful CIF bids for fire safety, which meant better fitting doors;
- Continued CIF bid applications for roof replacement and biomass boilers;
- Continue to educate staff and pupils on energy efficiency;
- Continue to hold virtual meetings where possible to reduce travel usage;
- Continue to procure the best value from energy providers.

One school had their Energy Rating on the Display Energy Certificate improve from an E rating to a D rating by their local authority.