

STREAMLINED ENERGY AND CARBON REPORTING REPORT FOR INCLUSION IN TRUSTEES REPORT

UK Greenhouse gas emissions and energy use data for the period 1 September 2023 to 31 August 2024	Current Reporting Year 2023/24	Comparison Reporting Year 2022/23
Energy consumption used to calculate emissions (kWh)	5,362,648	5,825,409
Energy consumption break down (kWh) (optional):		
• gas	3,794,069	4,190,785
• electricity	1,529,495	1,581,441
• transport fuel	39,084	53,183
Scope 1 emissions in metric tonnes CO2e		
Gas consumption	692.57	765.07
Owned transport – mini-buses	0.00	0.00
Total Scope 1	692.57	765.07
Scope 2 emissions in metric tonnes CO2e		
Purchased electricity	295.77	327.48
Scope 3 emissions in metric tonnes CO2e		
Business travel in employee owned vehicles	9.08	12.36
Total gross emissions in metric tonnes CO2e	997.43	1104.91
Intensity ratio Tonnes CO2e per pupil	0.22	0.21

Quantification and reporting methodology

We have followed the 2019 HM Government Environmental Reporting Guidelines. We have also used the GHG Reporting Protocol – Corporate Standard and have used the 2023 UK Government's Conversion Factors for Company Reporting.

Intensity measurement

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

Measures taken to improve energy efficiency

ENERGY: Electricity supply is renewable biomass electricity across the Trust. The Asset Management plan has identified a programme of boiler replacements and all new boilers are/will be biodegradeable. We have invested in LED lighting across the Trust estate with the aim of reducing energy consumption.

ICT: Invested in software to complete automatic shut-downs of computers at 7pm each evening. This prevents unnecessary energy usage for PC's left in standby mode. ICT utilises cloud computing wherever possible. The Trust HTML Strategy has significantly reduced printing levels and reduced pc emission levels.

MILEAGE: The Trust has introduced a Hybrid Home-Working Policy which aims to reduce travel to/from work and we continue to utilise technology for meetings to avoid unnecessary travel.