

Streamlined Energy & Carbon Reporting 2025/26

RIBSTON HALL HIGH SCHOOL ACADEMY TRUST

Energy Background

The school has in place a rainwater harvesting system in the Whitaker building and photo voltaic tiles are present on the Rosalind Franklin Science Centre Roof. The academy trust owns minibus transportation and has several members of staff who claim business mileage. For both the minibus and business travel, the trust has recorded the number of miles travelled during the year.

This methodology follows the [GHG Reporting Protocol](#) and uses the 2026 [Government emission conversion factors for greenhouse gas company reporting](#).

Energy Source	Consumption (kWh unless stated)	Scope	Emissions (tCO ₂ e unless stated)
Gas: total kWh (gross Calorific Value) used for the year	467,134	Scope 1	85.163
Electricity: total kWh used for the year	318,361	Scope 2	41.693
		Scope 3	4.136
Owned Transport (Minibus): 2,647 miles in the year	4,229	Scope 1	1.095
Reimbursed Transport (mileage reimbursed from staff claims): 4,080 miles	4,496	Scope 3	1.089
Total	794,220		133.176
Intensity ratio	Emissions (tCO ₂ e) compared with an appropriate business activity (pupil numbers)		133.176 tCO ₂ e / 944 pupils = 0.141 tCO₂e per pupil

Disclosure of Information

UK Greenhouse gas emissions and energy use data for the period 1 September 2025 to 31 August 2026	Current reporting year 2025/26	Comparison reporting year 2024/25 (figures are for illustrative purposes)
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Energy consumption used to calculate emissions (kWh)	794,220	800,017
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Scope 1 emissions in metric tonnes CO₂e

Gas consumption	85.163	88.849
Owned transport	1.095	0.956

Total Scope 1	86.259	89.804
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Scope 2 emissions in metric tonnes CO₂e

Purchased electricity	41.693	54.478
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Scope 3 emissions in metric tonnes CO₂e

Business travel in employee-owned vehicles	1.089	0.707
Purchased electricity (transmission and distribution)	4.136	5.703

Total gross emissions in metric tonnes CO ₂ e	133.176	150.693
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Intensity ratio Tonnes CO ₂ e per pupil	0.141	0.166
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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 2026 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

The school is currently working with the DfE that will eventually see development of the site encompassing energy efficient measures via the Schools Rebuilding Programme. There is ongoing replacement of light fittings to LED is in progress across the school site.

END OF REPORT