

Pioneer Educational Trust – 2024-25 Streamlined Energy and Carbon Report

UK greenhouse gas emissions and energy use data for the period		1 September 2024 to 31 August 2025
Energy consumption used to calculate emissions (kWh)		3,462,535
Energy consumption break down (kWh)	Electricity	974,892
	Gas	2,487,642
Scope 1 emissions in metric tonnes CO2e	Gas consumption	455.14
	Owned transport	3.64
	Total	458.78
Scope 2 emissions in metric tonnes CO2e	Purchased electricity	201.85
Scope3 emissions in metric tonnes CO2e	Business travel	2.80
Total gross emissions in metric tonnes CO2e		663.43
Intensity ratio	Tonnes CO2e per pupil	0.27

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 2025 UK Government's Conversion Factors for Company Reporting.

Intensity measurement

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

Measures taken to improve energy efficiency

- Replacement roofing with improved insulation
- Use of video-conferencing to reduce the travel between sites
- Refurbished electrics fitting efficient LED lighting with motion sensors so they turn off after a period of no motion
- Careful monitoring of heating thermostats – replacement windows that are more thermally efficient
- Upcoming CIF projects to replace the heating distribution systems at two schools