



Streamlined energy and carbon reporting 2024/25

UK Greenhouse gas emissions and energy use data for the period	Current Reporting Year 2024/25	Comparison Reporting Year 2023/24
Energy consumption used to calculate emissions (kWh)	8,924,262	10,020,785
Energy consumption break down (kWh) (optional): • gas • electricity • transport fuel		
Scope 1 emissions in metric tonnes CO2e		
Gas consumption	1,001.70	1,351.43
Owned transport – mini-buses	4.11	3.94
Total Scope 1	1,005.81	1,353.37
Scope 2 emissions in metric tonnes CO2e		
Purchased electricity	602.61	539.48
Scope 3 emissions in metric tonnes CO2e		
Business travel in employee-owned vehicles	7.04	2.59
Total gross emissions in metric tonnes CO2e	1,615.46	1,897.44
Intensity ratio Tonnes CO2e per pupil	0.18	0.20

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 total gross emissions in metric tonnes CO2e per pupil, the recommended ratio for the sector.

Measures taken to improve energy efficiency

The Laurus Trust is keen to ensure that whatever refurbishment work we undertake has energy efficiency benefits and contributes to achieving the UK's commitment to reaching net zero by 2050.

We have fortunately been able to build five new schools, all of which have energy efficiencies with the use of solar wind catchers, LED lighting, lighting sensor controls, energy efficient heating and ventilation systems. Currently under construction is the permanent building for Laurus Grace which has been designed with sustainability at its core with solar panels on the roof and canopies in the car park to support net zero goals.

All our older schools have benefited from replacement double glazed windows, roof refurbishments and replacements with increased insulation, breathable buildings technology and solar panel installations. As part of the Trust's building development and refurbishment plan, we have this year continued to upgrade lighting to LED with sensor controls wherever refurbishment has taken place and sought ways to improving natural ventilation by increasing the number of opening roof lights and windows to these spaces.

We have refurbished one of our sports centres and replaced flood lights – all using more energy efficient technology, LED lighting, natural vents and modern insulated roofing and cladding. All of our schools now operate heating and cooling services via a BMS system which enables more accurate control of the amount of energy being used and when.

We are constantly looking at opportunities to obtain funding via grants and bids to enable us to look to reduce and if possible, de-carbonise our older schools heating systems and replace with modern green technologies. We are awaiting the outcome of applications to the Public Sector Retrofit fund.

The trust has installed Electric Vehicle chargepoints at most school sites through available government grant schemes.