



Greater Manchester Academies Trust - Streamlined Energy and Carbon Reporting

UK Greenhouse Gas Emissions and Energy use data - Period 01 September 2021 to 31 August 2022

	2022
Energy consumption used to calculate emissions (kWh):	1,699,181
Scope 1 emissions in metric tonnes CO₂e	
Owned transport – minibuses and tractors	1.59
Gas consumption	179.85
Total Scope 1	181.44
Scope 2 emissions in metric tonnes CO₂e	
Purchased electricity	136.33
Scope 3 emissions in metric tonnes CO₂e	
Business travel in employee owned vehicles	0.60
Total gross emissions in metric tonnes CO₂e	318.37
Intensity ratio	
Metric tonnes CO ₂ e per student/pupil	0.19

Qualifications and Reporting Methodology

The Trust has followed the published Streamlined Energy and Carbon Reporting (SECR) for academy trusts guidance. The Trust has used the GHG Reporting Protocol – Corporate Standard and has used the 2022 UK Government Conversion Factors for Company Reporting.

What is the sizing criteria for reporting?

Scope 1 Includes emissions from activities owned or controlled by the academy trust that release omissions into the atmosphere. Examples include emissions from combustion in owned or controlled boilers, vehicles.

Scope 2 Includes emissions from own consumption of purchased electricity, heat, steam and cooling. These are a consequence of the trust activities but are from sources not owned/controlled.

Intensity Measurement

The Trust has chosen its intensity ratio to be the total gross emissions in metric tonnes CO₂e per student / pupil. This is the recommended ratio to use for the Education sector.



Measures taken to improve energy efficiencies across the trust.

The Trust has taken the following measures during the year and during previous years to drive improvements in energy efficiency and in elimination of waste:

- installation of an efficient boiler system.
- installation of a full suite of LED lighting throughout both academies.
- installation of timers and switches on much of the trusts lighting system.
- embedding a culture of energy efficiency awareness across the Trust, including how staff and students can reduce consumption of gas, electricity and other fuel.
- working with energy brokers to help us execute cultural awareness across the Trust, utilising their best practices.
- installation of some solar panels at MCA.
- introduction of a hybrid of face-to-face and video conference meetings
- Salix Bid submission for Carbon efficiencies