



Streamlined Energy and Carbon Report for the Trustees

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Sustainability Manager
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Prepared for
[Customer name]
[Organisation name]



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Children First Academy Trust

For inclusion in the Trustees' report for the year ended 31st August 2024

1.0 Streamlined Energy and Carbon Reporting (SECR)

1.1 UK energy use and associated greenhouse gas emissions

Annual energy usage and associated annual greenhouse gas ("GHG") emissions are reported pursuant to the Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018 ("the 2018 Regulations") that came into force 1st April 2019.

1.2 Organisational boundary

In accordance with the 2018 Regulations, the energy use and associated greenhouse gas emissions are for those assets owned or operated within the UK only as defined by the operational control boundary. This includes all six schools controlled during the reporting period and minibuses. This report includes the new school "Eldon Primary" which joined the Trust in April 2024. For future accuracy, the consumption at Eldon Primary has been included for the full reporting period.

1.3 Reporting period

The annual reporting period is 1st September to 31st August each year and the energy and carbon emissions are aligned to this period.

1.4 Quantification and reporting methodology

The 2019 UK Government Environmental Reporting Guidelines and the GHG Protocol Corporate Accounting and Reporting Standard (revised edition) were followed. The 2024 UK Government GHG Conversion Factors for Company Reporting were used in emission calculations. The report has been reviewed independently by Zenergi Limited (trading as Briar Consulting Engineers Limited).

The electricity, gas, and minibus diesel consumption were compiled from invoice records and fuel receipts. Where gaps in consumption data was identified, the pro rata and average estimation techniques were applied. Gas consumption has been seasonally adjusted for accuracy. Generally gross calorific values were used except for grey fleet mileage energy calculations as per Government GHG Conversion Factors.

The associated emissions are divided into mandatory and voluntary emissions according to the 2018 Regulations, then further divided into the direct combustion of fuels and the operation of facilities (scope 1), indirect emissions from purchased electricity (scope 2) and further indirect emissions that occur because of Trust activities but occur from sources not owned or controlled by the organisation (scope 3).

Breakdown of energy consumption used to calculate emissions (kWh):

Energy type	2022/23	2023/24
<u>Mandatory:</u>		
Gas	2,468,655	2,118,827
Purchased electricity from the grid	793,619	977,639
Transport fuel	3,285	1,829
Total energy (mandatory)	3,265,559	3,098,295

Note: figures may not sum due to rounding

Breakdown of emissions associated with the reported energy use (tCO₂e):

Emission source	2022/23	2023/24
<u>Mandatory:</u>		
Scope 1		
Gas	451.6	387.5
Trust-owned vehicles (minibuses)	0.8	0.4
Scope 2		
Purchased electricity (location-based)	164.3	202.4
Scope 3		
Category 6: Business travel (grey fleet)	0.0	0.0
Total gross emissions (mandatory)	616.7	590.4

Note: figures may not sum due to rounding

1.5 Intensity ratio

Intensity ratios	2022/23	2023/24
<u>Mandatory emissions only:</u>		
Tonnes of CO ₂ e per pupil	0.208	0.161
Tonnes of CO ₂ e per square meter floor area	0.033	0.023

Two intensity ratios are reported showing emissions (tCO₂e) per pupil and per square meter floor area. Emissions per pupil is the recommended ratio for the sector for consistency and comparability and pupil numbers are based on the Autumn 2023 Census. Emissions per square meter floor area is reported to reflect the energy efficiency of the buildings, which are the source of most emissions.