



Notre Dame

CATHOLIC SIXTH FORM COLLEGE

Greenhouse gas emissions and energy use data for the period 1st August 2023 to 31st July 2024.

	Current Reporting Year 23/24
Energy consumption used to calculate emissions Kwh	1,746,649
Energy Breakdown (Kwh)	
Gas	995,828
Electricity	750,821
Scope 1 emissions in metric tonnes CO2 equivalent	
Gas consumption	182
Scope 2 emissions in metric tonnes CO2 equivalent	
Purchased electricity	159
Scope 3 emissions in metric tonnes CO2 equivalent	
Business travel in employees owned vehicles	1.3
Total gross emissions in metric tonnes CO2 equivalent	344
Intensity ratio	
Tonnes of CO2 equivalent per FTE staff member	1.88

Notes regarding the emissions calculations:

Qualifications and Reporting Methodology

We have followed the 2021 HM Government 'Streamlined energy and carbon reporting for college corporations' guidelines (updated 25th January 2023) and have used the 2023 published UK Government's Conversion Factors for Company Reporting.

Intensity Measurement

The chosen intensity measurement ratio is total gross emissions in metric tonnes per staff member, the recommended ratio for the further education sector.

Measures taken to improve energy efficiency

In August 2023 the college replaced all the light fittings with LED lighting. Staff and students are actively engaged in discussions to generate ideas to reduce energy consumption.