



BISHOP BURTON
COLLEGE

UNIVERSITY CENTRE
BISHOP BURTON

RISEHOLME
COLLEGE

Streamlined Carbon and Energy Report

2024-2025



Introduction

This report includes the UK based annual energy usage and associated greenhouse gas emissions in line with the Companies (Directors’ Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018 (“the 2018 Regulations”) that came into force 1 April 2019 for Bishop Burton College and its subsidiaries. This SECR return includes mandatory data for Scope 1 & 2 emissions for the period August 2024 - July 2025, Scope 3 Category 5 Waste Generated in Operations and partial data for Scope 3 Category 6 Business Travel.

Methodology

Organisational Boundary – we have compiled the data based on the Financial Control Organisational Boundary Guidance. This means our Riseholme Park Campus is excluded from the calculations.

Emissions Calculations - we have followed the GHG protocol using 2024 GHG conversion factors. Currently the report includes Scope1 & Scope 2 emissions and Category 5 & 6 Scope 3 emissions. We hope to expand this in 26/27 with more Scope 3 categories.

Scope 1&2 Emissions

We have used 2020-2021 as the base year as this was the first year we could fully include all reporting data. 2024-2025 showed an overall decrease of 26 % vs the base year, a 7 % reduction vs 2023-24.

| | | Energy kWh | | TCO2e | | Emissions Change vs Base Year | Emissions Change vs PY |
|-----------------------------|------------------|------------|------------|---------|---------|----------------------------------|---------------------------|
| Category | Energy Source | 20/21 | 24/25 | 20/21 | 24/25 | | |
| Scope 1 | | | | | | | |
| Heating | Natural Gas | 5700889.00 | 3346044.00 | 1048.22 | 611.99 | -42% | -20% |
| | Other | 788085.95 | 396411.9 | 167.75 | 81.24 | -52% | -10% |
| Transport | Diesel | 548214.72 | 497936.17 | 131.88 | 119.02 | -10% | -3% |
| | Petrol | 5620.76 | 3597.11 | 1.29 | 0.79 | -39% | -25% |
| Fugitive Emissions (kg) | | 0.82 | 1.50 | 1.71 | 2.72 | 59% | -78% |
| Scope 1 Total | | 7042811.25 | 4243990.68 | 1350.85 | 815.76 | -40% | -18% |
| Scope 2 | | | | | | | |
| Purchased Electric | Electricity | 2858294.00 | 3085997.00 | 666.38 | 638.96 | -4% | 10% |
| Self Generated Renewable | Electricity | | 182583.00 | | 37.80 | N/A | 35% |
| Scope 2 Total | | 2858294.00 | 3268580.00 | 666.38 | 676.76 | -8.30% | 10.76% |
| Total Scope 1&2 | | 9901105.25 | 7512570.68 | 2017.23 | 1492.52 | -26.01% | -7.04% |

This data excludes emissions for livestock and crops.

Scope 3 Emissions

This is the first year we are reporting on Category 5 and 6 Scope 3 emissions. We have used the most appropriate conversion factors where specific ones have not been available and average weights for waste that is invoiced in items.

| | | |
|-----------------|--------------------|-----------|
| | | TCO2e |
| Category | | 2024/2025 |
| Scope 3 | | |
| Waste | Other Waste | 8.86 |
| | Water | 9.93 |
| Business Travel | Grey Fleet Mileage | 12.36 |

Intensity Ratios

We have chosen to use the intensity ratio Floor Area. We have seen the emissions reduction mirrored in these figures.

| | Quantity | | kWh | | Ratio | | | |
|------------|----------|-------|--------|--------|---------|---------|---------------------|---------------------|
| Category | 20/21 | 24/25 | 20/21 | 24/25 | 20/21 | 24/25 | Change vs Base Year | Change vs Base Year |
| | | | | | | | | |
| Floor area | 59114 | 59727 | 167.41 | 123.67 | 0.03411 | 0.02518 | -26 % | -8 % |

Sustainability Actions

During the 2024-2025 academic year we took the following actions which have contributed to our emissions reductions:

Campus

- Initiated air-source heat pump installation in our Main reception and University Centre Buildings (works completed in winter 2024).
- Removed kerosene heating tanks from two buildings moving to electric heaters.
- Installed LED lighting in our LRC building in April 2025.
- Reduced gas use for cooking at our Riseholme campus, only using fryers once per week.

People

- Rolled out updated, mandatory environmental sustainability training as part of staff inductions to promote energy efficiency and waste reduction.

Farm

- Reduced our Farm diesel usage by 41 % by changing to low and no plough techniques.



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