

Year '2025' (Aug 2024 - Jul 2025)

Energy source	Consumption	Scope	Emissions calculation
Gas – total kWh (kilowatt-hours) used for the year, taken from gas bills for each site	4,923,958 kWh (gross CV (calorific value))	Scope 1	$4,923,958 \text{ kWh} * 0.18316$ (2021 fuels, natural gas conversion factor, gross CV to kgCO ₂ e) $= 901,872 \text{ kgCO}_2\text{e}$ $= 901.87 \text{ tCO}_2\text{e}$
Electricity – total kWh used for the year, taken from the electricity bills for each site	3,148,742 kWh	Scope 2	$3,148,742 \text{ kWh} * 0.21233$ (2021 UK electricity conversion factor to kgCO ₂ e) $= 668,572 \text{ kgCO}_2\text{e}$ $= 668.57 \text{ tCO}_2\text{e}$
Transport – used in lieu of passenger vehicles	All fleet fuel purchases = 1,363 litres (diesel) and 429 litres (unleaded)	Scope 1	Diesel ($1,363 * 2.56$ conversion factor = 3,489) + unleaded ($429 * 2.16$ conversion factor = 927) $= 4,416 \text{ kgCO}_2\text{e}$ $= 4.42 \text{ tCO}_2\text{e}$
Transport – total mileage for petrol reimbursed from staff claims	85,337 miles	Scope 3	$85,337 \text{ miles} * 0.28053$ (2021 managed assets vehicles, average car conversion factor to kgCO ₂ e, petrol)) $= 23,940 \text{ kgCO}_2\text{e}$ $= 23.94 \text{ tCO}_2\text{e}$
Total			1,598.80 tCO₂e
Intensity ratio - Emissions data (tCO ₂ e) compared with an appropriate business activity (staff numbers)			$1,598.80 \text{ tCO}_2\text{e} / 950 \text{ members of staff}$ $= 1.68 \text{ tCO}_2\text{e per staff member}$