

Greenhouse gas emissions and energy use data for the period 1 August 2020 to 31 July 2021 – UK			
Energy consumption used to calculate emissions (kWh)			
		2019/20	2020/21
Energy Consumption breakdown (kWh)			
Gas (KWh)		342473	380341
Electricity (KWh)		2818695	2780307 * ESPO Pure Green (2020)
Transport Fuel (Km)		74647	31310
Transport (Staff Vehicles) (Km)		50102	49744
Scope 1 emissions in metric tonnes CO2			
Gas Consumption		62.97	69.66
Owned transport		14.05	13.95
Total scope 1		77.08	83.62
Scope 2 emissions in metric tonnes CO2			
Purchased electricity		657.15	0.00 *See below
Scope 3 emissions in metric tonnes CO2			
Business travel in employee owned vehicles		14.11	9.11
Total gross emissions in metric tonnes CO2		743.7	92.73
Intensity Ratio			
Tonnes CO2 per member of staff		0.99	0.12

*In 2020, West Nottinghamshire College switched to a 100% Green Electricity supply which is eligible to report zero emissions under the GHG protocol corporate standards (Scope 2)

Quantification and Reporting Methodology

We have followed the 2021 HM Government Environmental Reporting Guidelines. We have also used the GHG Reporting Protocol – Corporate Standard and have used the 2021 UK Government’s Conversion Factors for reporting.

Intensity measurement

The chosen intensity measurement ratio is total gross emissions in metric tonnes CO2e per staff member, the recommended ratio for the sector.

Measures taken to improve energy efficiency

As a result of the pandemic there has been increased use of video conferencing technology for staff, resulting in fewer journeys. Energy efficient LED lighting and increased insulation has been installed on several sites to reduce emissions.