



Streamlined Energy & Carbon Report for HSDC

The Companies Act 2006 (Strategic Report and Directors' Report), Regulations 2013 ('the 2013 Regulations') and the Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018 ('the 2018 Regulations') give guidance to companies on Energy and Carbon reporting.

Although FE Colleges (corporations) are outside the scope of the 2018 regulations, HSDC is committed to reducing CO2 emissions and will participate with the Carbon and Energy reporting to help us to monitor our performance on reducing CO2 emissions over time.

The following Streamlined Energy & Carbon Report (SECR) is an annual return to be completed by 31 March and will be published on the HSDC website.

Greenhouse Gas Emissions and energy use data for the period 1st August 2020 to 31st July 2021				
	Total Usage	Conversion Rate	KG of Co2E	Tonnes of Co2E
	A	B	C = A x B	C / 1000
Scope 1 Emissions				
Gas Consumption (Kwh)	5,544,006	0.18387	1,019,376	1,019
Owned Transport (Km)	19,600	0.28052	5,498	5
Total Tonnes of Scope 1 Emissions				1,024
Scope 2 Emissions				
Electricity Consumption (Kwh)	3,898,743	0.23314	908,953	909
Total Tonnes of Scope 2 Emissions				909
Scope 3 Emissions				
Business Travel in Employee Owned Vehicles (Miles)	60,539	0.28052	16,983	17
Total Tonnes of Scope 3 Emissions				17
TOTAL TONNES OF CO2E				1,950
Student Numbers (Full Time)				5,175
TONNES OF CO2E PER STUDENT				0.38
Quantification and Reporting Methodology				
We have followed the 2019 HM Government Environmental Reporting Guidelines. We have also used the GHG Reporting Protocol – Corporate Standard and have used the 2020 UK Government's Conversion Factors for Company Reporting.				
Intensity Measurement				
The Chosen Intensity measurement ratio is Total Gross Emissions in metric Tonnes Co2E per student				
Measures taken to improve energy efficiency				
- Increased use of online communication and learning platforms across all campuses reducing the need to travel to site				
- Installation of air sourced heat pumps in the refurbishment at Alton Campus				
- Replacement boilers that are more efficient as part of the Colleges planned maintenance strategy				
- LED Luminaires are being installed as standard on refurbishment projects.				