

NCC Group Streamlined Energy and Carbon Reporting.



Date created	25 July 2023
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Statement	NCC Group was responsible for the collection of activity and qualitative energy efficiency actions data. The figures in this report relating to emissions, energy consumption, and intensity ratios have been calculated by the Planet Mark using the data provided.
Emissions reporting period	01 June 2022 to 31 May 2023
Emission sources	Electricity, T&D Losses, Natural Gas, Grey Fleet, Heat & Steam
Organisation boundary	22 sites and 10 data centres
Methodology	GHG Protocol Corporate Accounting and Reporting Standard, Planet Mark certification scheme

			1 June 2021 - 31 May 2022			1 June 2022 - 31 May 2023		
Source	Scope	Unit	Amount	Amount (kWh)	Total Emissions (tCO ₂ e)	Amount	Amount (kWh)	Total Emissions (tCO ₂ e)
Building								
Electricity	2	kWh	3,054,607.3	3,054,607.3	924.5	3,534,000.9	3,534,000.9	979
Transmission and distribution losses	3	kWh	3,054,607.3	-	54.9	3,534,000.9	-	52.9
Natural gas	1	kWh	153,626.2	153,626.2	28.2	323,758.8	323,758.8	59.1
Natural gas	1	m ³	79,585.7	886,223.2	160.9	32,530.5	369,629.8	65.6
Heat and Steam	2	kWh	33,455.6	33,455.6	4.9	115,719.7	115,719.7	19.8
Heat and Steam Transmission and distribution losses	3	kWh	33,455.6	-	0.3	-	-	-
Travel								
Fleet Diesel Car	1	km	31,008.7	20,831.7	5.2	17,135.1	11461.5	3.0
Fleet Hybrid Car	1	km	33,673.0	16,304.8	4.0	-	-	-
Fleet Petrol Car	1	km	11,796.0	8,507.7	2.1	67,202.7	47,929.6	12.3
Fleet Electric Car	2	km	38,389.2	9,097.1	1.9	89,536.6	21,810.2	4.2
Fleet Electric Car	3	km	38,389.2	-	0.2	89,536.6	-	0.4
Fleet Petrol Fuel	1	Litres	-	-	-	19,881.9	179,374.5	43.0
Fleet Electric	2	kWh	-	-	-	28,405.1	28,405.1	9.5
Grey Fleet - Diesel Car	3	km	-	-	-	346,777.2	231,955.8	60.4
Grey Fleet - Average Car	3	km	387,892.1	270,356.9	66.5	9,270.2	6,412.3	2.0
Grey Fleet - Electric Car	3	km	-	-	-	40,801.0	9938.7	2.1
Grey Fleet - Petrol Car	3	km	-	-	-	344,765.6	245,890.3	69.8
Fleet Transmission and distribution losses	3	kWh	-	-	-	28,405.1	-	0.3
Total - Location based			4,453,010.5	1,253.6		5,126,288.0	1,383.4	

Intensity Metric

Total per £m turnover - location based

	Amount (kWh)	Turnover (£m)	Total Emissions (tCO ₂ e)	Intensity per turnover (tCO ₂ e)
1 Jun 2021 - 31 May 2022	4,453,010.0	315.0	1,253.0	4.0
1 Jun 2022 - 31 May 2023	5,126,288.0	335.0	1,383.4	4.1
Comparison %	15.1%	6.3%	10.4%	2.5%

**1 June 2022 - 31 May 2023
energy use**

**1 June 2022 - 31 May 2023
carbon emissions**

Region	Amount (kWh)	% of global energy use	Total Emissions (tCO ₂ e)	% of global emissions
UK	2,201,099.0	43%	484.5	35%
Non-UK	2,925,189.0	57%	898.9	65%
Total	5,126,288.0	100%	1383.4	100%

* Where relevant the NET CV emission factors have been used to calculate the total kWh associated with fuel use. Net CV or lower heating value (LHV) is the useful calorific value in typical real-world conditions.

Assumptions and declarations

Some sites' data were not obtainable in the preparation of this SECR report and have subsequently been excluded from the reporting boundary. These sites are Atlanta Norcross, Boston, Copenhagen, and Japan. NCC Group commit to working on obtaining these data for the subsequent reporting period. Across all emission sources extrapolation was required to fulfil the full reporting period this year, it is important that NCC Group commit to working towards obtaining the full 12 months' data for all emission sources going forward.

Energy Efficiency Actions

NCC Group has successfully certified to The Planet Mark for the reporting period 1st of June 2022 – 31st of May 2023 which is NCC Group's second year of certification. The Planet Mark is a sustainability certification that recognises continuous improvements, encourages action, and builds an empowered community of like-minded individuals. NCC Group also makes a commitment upon certification of the Planet Mark to achieve a minimum 2.5% reduction in their measured carbon footprint year on year.

NCC Group has implemented and proposed a number of energy efficiency actions. It has replaced halogen lights with new more efficient LED lights across the whole head office site to reduce consumption through energy efficiency and save an estimated 5,000 kWh per year. In order to develop a deeper understanding of where to place energy efficiency actions, Planet Mark is undertaking ESOS audits across three of the NCC Group sites this year, with an active goal set up introducing the recommendations within the business setup.

NCC Group have also taken active steps to measure an increased proportion of the reporting boundary which will therefore allow the identification of key areas to target sustainable action. NCC Group has done this by including Austin, Ontario, and San Francisco electricity for the first time, and including Edinburgh natural gas and San Francisco heat and steam for the first time. This is also alongside the new addition of 10 data centres which had not been previously available for reporting.

NCC Group has included USA business travel alongside UK and EU public transport data for the first time this year. Within this NCC Group has made a conscious effort to increase data accuracy, with the inclusion of 'to' and 'from' locations for UK, EU, and APAC expenses to allow us to obtain a more representative distance for travel.

NCC Group has also assessed the size of its reporting boundary, highlighting a reduction in the number of active sites as a key tool in reducing overall consumption. Amstelveen and Copenhagen have now closed with a series of additional sites being under review. This is alongside the Manchester office floor space being reduced and the New York office switching to a flexi space rather than a full time office occupancy. These changes have also been accompanied by a move towards a flexible office space model, with a pay-as-you-go approach adopted for Edinburgh and Milton Keynes. These changes are derivative from NCC Group seeking to gain more control over their office consumption figures, due to challenges surrounding apportionment of shared consumption data, not reflecting in full, efforts to reduce consumption. ESG criteria were placed at the forefront of NCC Group's new global delivery centre to support the execution and decision-making of the project.