

# NCC Group Streamlined Energy and Carbon Reporting.



<b>Date created</b>	18 November 2024
<b>Report prepared by</b>	Ayesha Abdulla, Data Analyst, Planet Mark
<b>Statement</b>	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.
<b>Emissions reporting period</b>	01 October 2023 to 30 September 2024
<b>Emission sources</b>	Data Centre Electricity, District Heat and Steam, Electricity, Natural Gas, Transmission and Distribution Losses, Business Travel, Fleet Travel, Commuting, and Purchased Goods and Services
<b>Organisation boundary</b>	NCC Global Operations and Data Centres
<b>Methodology</b>	GHG Protocol Corporate Accounting and Reporting Standard, Planet Mark certification scheme

			01 October 2022 - 30 September 2023			01 October 2023 - 30 September 2024		
Source	Scope	Unit	Amount	Amount (kWh)	Total Emissions (tCO <sub>2</sub> e)	Amount	Amount (kWh)	Total Emissions (tCO <sub>2</sub> e)
Building								
Electricity (location based)	2	kWh	3,033,480.4	3,033,480.4	968.2	3,564,490.9	3,564,490.9	1,280.5
Electricity (market based)	2	kWh	3,033,480.4	3,033,480.4	1,220.6	3,564,490.9	3,564,490.9	1,554.4
Data Centre Electricity	3	kWh	223,775.0	223,775.0	61.3	256,679.8	256,679.8	71.7
Natural gas	1	kWh	613,175.9	613,175.9	112.2	610,865.3	610,865.3	111.8
Natural gas	1	m <sup>3</sup>	127,180.9	1,445,114.5	249.3	120,885.5	1,373,581.7	232.6
Transmission and distribution losses	3	kWh	3,033,480.4	-	46.0	3,564,490.9	-	82.3
Heat and Steam	2	kWh	121,103.7	121,103.7	23.0	115,719.7	115,719.7	40.9
Heat and Steam Transmission and distribution losses	3	kWh	121,103.7	-	1.9	115,719.7	-	2.8
Travel								
Fleet Diesel Car	1	km	19,636.4	11,754.4	3.8	4,739.39	3,145.8	0.8
Fleet Petrol Car	1	km	115,311.8	87,571.6	20.4	64,122.56	48,681.8	11.3
Fleet Electric Car	2	km	56,179.7	13,687.1	2.8	189,298.06	-	8.9
Fleet Transmission and distribution losses	3	km	56,179.7	-	0.2	189,298.06	-	0.79
Fleet Petrol Fuel	1	litres	18,225.1	163,388.2	38.2	-	-	-
Fleet Electric	2	kWh	26,038.0	26,038.0	8.8	-	-	-
Grey Fleet - Diesel Car	3	km	295,344.3	348,589.4	51.7	243,902.04	161,892.4	43.7
Grey Fleet - Average Car	3	km	6,447.3	4,431.1	1.1	1,820.12	1,258.9	0.3
Grey Fleet - Electric Car	3	km	34,261.1	8,347.0	1.9	27,183.93	-	1.3
Grey Fleet - Petrol Car	3	km	284,507.3	254,647.8	55.7	228,796.92	190,604.5	44.2
Fleet transmission and distribution losses	3	kWh	26,038.0	-	0.2	-	-	-
Air Travel	3	passenger.km	2,904,744.6	-	359.4	8,996,864.34	-	1,163.04
Commuting Walking	3	km	-	-	-	49,560.67	-	0.00
Commuting Van	3	km	-	-	-	20,153.20	-	5.02
Commuting Taxi	3	km	-	-	-	29,874.93	-	6.19
Commuting Rail	3	passenger.km	-	-	-	925,155.60	-	34.47
Commuting Hybrid Car	3	km	-	-	-	93,212.95	-	11.75
Commuting Electric Car	3	km	-	-	-	313,018.26	-	20.58
Commuting Diesel Car	3	km	-	-	-	214,523.38	-	36.51
Commuting CNG Car	3	km	-	-	-	756.00	-	0.13
Commuting Bus	3	passenger.km	-	-	-	126,945.08	-	13.19
Commuting Bike	3	km	-	-	-	85,829.78	-	0.00
Commuting Petrol Car	3	km	-	-	-	585,703.66	-	102.53
Purchased Goods and Services	3	£				40,608,445.38		5,713.7

Total - Location based	6,570,359.9	2,006.3	6,326,920.9	9,041.0
Total - Market based	6,570,359.9	2,258.6	6,326,920.9	9,314.9

Note: The reporting period for NCC has been changed this year from a June-May cycle to an October- September cycle. NCC groups electricity consumption has been split to include data centre electricity under Scope 3 and only office consumption under Scope 2. Additionally, region-specific emissions factors have been used for Heat & Steam emissions this year.

Intensity Metric	Total	Total tCO <sub>2</sub> e	Intensity	Total	Total tCO <sub>2</sub> e	Intensity
Total per employee – location based	2,313	2,006.3	0.87	2,191	9,041.0	4.13
Total per employee – market based	2,313	2,258.6	0.98	2,191	9,314.9	4.25

  

Comparison	Change tCO <sub>2</sub> e	Change %
Location based	7034.7	350.6%
Market based	7056.3	312.4%
Location based per employee	3.3	375.7%
Market based per employee	3.3	335.4%

\* 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.

Region	01 October 2023 to 30 September 2024 Energy use		01 October 2023 to 30 September 2024 market-based carbon emissions		01 October 2023 to 30 September 2024 location-based carbon emissions	
	Amount (kWh)	% of global energy use	Total Emissions (tCO <sub>2</sub> e)	% of global emissions	Total Emissions (tCO <sub>2</sub> e)	% of global emissions
UK	1,834,242.1	28.99%	1,860.6	19.97%	1,672.5	18.50%
Non-UK	4,492,678.7	71.01%	1,740.6	18.69%	1,654.8	18.30%
Global	-	-	5,713.7	61.34%	5,713.7	63.20%
<b>Total</b>	<b>6,326,920.9</b>	<b>100%</b>	<b>9,314.9</b>	<b>100%</b>	<b>9,041.0</b>	<b>100%</b>

Note: Global emissions in the above table account for the purchased goods and services category.

## Energy Efficiency Actions

NCC Group has successfully certified to The Planet Mark for the reporting period 01 October 2023 to 30 September 2024 which is NCC Group's third year of certification. The Planet Mark is a sustainability certification that recognizes continuous improvements, encourages action, and builds an empowered community of like-minded individuals. NCC Group also made a commitment upon certification of the Planet Mark to achieve a minimum 5% reduction in their Scope 1 and 2 measured carbon footprint year on year.

NCC Group has implemented and proposed a few energy efficiency actions. As part of the global operations, they have reviewed their office strategy based on hybrid working and where possible reduced office locations. For example, in New York they have moved to a flexi space and other sites are still being reviewed to enable a similar transition. In the UK offices of Edinburgh and Milton Keynes, there has been a move towards a more flexible office space model, where people use office space as pay as you go. In addition to this, the Manchester office floor space has also been consolidated to enable more hybrid working.

NCC Groups board and management team have applied a range of relevant ESG criteria to facilitate conscious decision making on the location of NCC Group's new global delivery center in Manila to support execution of this strategy.