

Carbon Reduction Plan

Publication date: 8/2/23

Commitment to achieving Net Zero

Dalkia Energy Services Limited (Dalkia Energy Services) is committed to achieving Net Zero emissions by 2040.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2022

Additional Details relating to the Baseline Emissions calculations.

We are a technically led Energy Services Company which delivers energy and carbon reduction projects to our customers on turnkey basis including project development, funding, design, procurement, construction, performance monitoring and operation maintenance services. The technologies deployed on our projects include LED lighting retrofit, heating, ventilation, and air conditioning (HVAC) upgrades, automatic controls optimisation and upgrade, ground and air source heat pumps and solar PV arrays.

We use our own in-house designed technology to optimise delivery and minimise cost. Our digital tools and monitoring technology offer customers energy efficient solutions to help drive a zero carbon and long-term sustainable future.

This is our historic baseline which deviates from the requirements under this measure (e.g. no prior emissions reporting).

Dalkia Energy Services emissions have been assessed in accordance with the 'GHG Protocol Corporate Accounting and Reporting Standard' and in line with Defra's 'Environmental reporting guidelines: including Streamlined Energy and Carbon Reporting Requirements'. The Defra 2020 emission conversion factors were used to quantify the emissions associated with Dalkia Energy Services UK operations for the specified reporting period.

Please note that gas and oil are not used in our offices or for our on-site infrastructure.

Limited scope 3 data has been provided as our logging of sub-contractor transport, waste and activities continues to be developed.

Scope 1 and 2 emissions

Of the two offices leased, only one was able to provide data on consumption. For the other office estimated figures have been used based on service charges and industry benchmarking.

Dalkia Energy Services has recently installed electricity meters on its sites to allow for direct measurement of use. The majority of sites that we work on have a green electricity supply providing a carbon free power supply.

Note that no gas or oil is used on our sites or offices.

Scope 3 emissions

Business Travel: Journeys, both routes and transport types, are recorded by Dalkia Energy Services. The carbon foot print associated with these journeys is calculated using Government conversion factors for company reporting of greenhouse gas emissions - GOV.UK (www.gov.uk) .

Upstream transportation and distribution: This is being worked on. We endeavour to record all data associated with external contractors.

Waste generated in operations: These figures are from our offices, all waste generated on our clients' sites is included in their own reporting.

Employee Commuting:

Employees either drive, catch public transport, either directly or through park and ride, or ride bicycles.

Desks are booked online so this record was used to see who was in the offices. A base distance of 7 miles was used per visit for those living in London and 14 for the Leeds office. An exercise in matching post codes is currently being undertaken to get a more accurate distance.

Note that for employees at substantial distances from offices, their milage will be part of their expenses and appears under business miles.

Downstream transportation and distribution: Dalkia Energy Services provides clients with services. We do not manufacture, store, or distribute any products or materials. Any products or materials required in the course of our work are supplied from manufacturers or distributors on a just in time basis. Dalkia Energy Services emissions in this section are therefore zero.

Baseline year emissions: 2021/22	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	0
Scope 2	30.66
Scope 3 (Included Sources)	99.07
Total Emissions	129.73

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

2023	2025	2030	2040
Complete baseline for 1 & 2 Scope 3 <ul style="list-style-type: none"> - All internal milage calculations - Commuting miles and carbon included - All new contracts contain comments regarding reporting carbon 	NCZ for scope 1 & 2 Complete detailed baseline for scope 3	25% reduction in carbon compared to 2025 without offset.	NCZ with offset

Progress against these targets will be monitored and reported against as required

Carbon Reduction Projects

We are currently reviewing feasibility of various carbon reduction projects including:

- *LED lighting and sensor controls*
- *Utilise the data from recently installed metering to identify unnecessary use (out of hours etc) and undertake investigation to mitigate where appropriate.*
- *Greater use of electric vehicles*
- *Tusker salary sacrifice electric car scheme and discounted PodPoint home chargers – make available to all employees*
- *Fit water reducing devices to taps in our offices.*
- *Integration of carbon reduction targets into our key supply chain partners*

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

This Carbon Reduction Plan has been reviewed by the Senior Leadership Team.

¹ <https://ghgprotocol.org/corporate-standard>

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³ <https://ghgprotocol.org/standards/scope-3-standard>



Signed on behalf of Dalkia Energy Services Limited

A handwritten signature in black ink, appearing to read "Dimitris Kostas".

Date: 8/2/2023