

Carbon Reduction Plan

Supplier name

1Energy Ltd

Publication date

27/10/2025

Commitment to achieving net zero

1Energy Ltd, along with its subsidiary companies, 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. They are the reference point against which emissions reduction can be measured.

Baseline year: 2023

Additional details relating to the baseline emissions calculations:

There are currently no 1Energy heat networks in operation. All staff work remotely, and the company does not own any vehicles. Emissions are therefore only generated by staff travel and by upstream transport and distribution of goods (scope 3).

A new baseline year will be set following the first year of operations for each subsidiary company (e.g. 2027 for Bradford Energy Network, 2029 for Exeter Energy Network) and a specific Carbon Reduction Plan will be developed for each. For each subsidiary company emissions will be presented on an absolute basis as well as emissions intensity per kWh heat served to customers.

Emissions are calculated using the spend-based approach, based on organisational boundary.

Baseline year emissions: 2023

Emissions	Total (tCO ₂ e)
Scope 1	0
Scope 2	0
Scope 3 (included sources)	4.56
Total emissions	4.56
Total emissions per FTE	0.51

Current emissions reporting

Reporting year: 2024

Emissions	TOTAL (tCO ₂ e)
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Scope 1	0
Scope 2	0
Scope 3 (included sources)	17.93
Total emissions	17.93
Total emissions per FTE	0.83

The majority of 1Energy's scope 3 emissions result from business travel. Emissions for 2024 rose per FTE as the company began commercialising multiple new projects (6 in commercialisation in 2024, compared to 3 in 2023), and the build-out of the Bradford Energy Network and Energy Centre began in earnest in 2024. This resulted in significantly more business travel.

Emissions reduction targets

In order to continue our progress to achieving net zero, we have adopted the following carbon reduction targets which will also apply to each subsidiary company owned by 1Energy.

We project that scope 3 carbon emission intensity (per FTE employee) will decrease over the next five years to 0.4 tCO₂e by 2031. This is a reduction of 52%.

Please note, the targets described above **do not relate to the provision of heat** to our customers. The decarbonisation of heat is described in the Net Zero Plan for each subsidiary company.

Carbon reduction projects

Completed carbon reduction initiatives

The following environmental management measures and projects have been completed or implemented since the 2023 baseline. These schemes have not yielded any reduction in carbon emissions against the baseline year; however, they have increased the rigour and quality of our environmental monitoring, and the measures will be in effect when performing the contract.

- Developed a 1Energy sustainability policy which discusses our approach to decarbonisation and Net Zero
- In 2025 1Energy completed ISO14001 certification

Future carbon reduction initiatives

In the future we hope to implement further measures such as:

- Moving our emissions calculations to the fuel-based method (scopes 1 & 2) and the distance-based method (scope 3), to increase the accuracy of our carbon emissions calculations
- Connecting to more sources of low carbon heat, e.g. industrial waste heat, data centres, etc
- Electrifying the remaining peak demand generation to further reduce gas use
- Investigating the implementation of an employee EV lease scheme to reduce emissions from business travel
- Developing a sustainable travel policy with a "virtual-first" approach

Declaration and sign off

This Carbon Reduction Plan has been completed in accordance with PPN 006 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 standard and uses the appropriate government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements (where required), 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) Standard.

This Carbon Reduction Plan has been reviewed and signed off by the 1Energy Group Executive Board.

Signed on behalf of the supplier:

Jeremy Bungey

Jeremy Bungey (Oct 28, 2025 15:45:24 GMT)

Date: 28/10/2025

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

2 www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

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






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Final Audit Report

2025-10-28

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