



# Carbon Reduction Plan

Supplier name: Emerald Green Energy Ltd

Publication date: 05/04/2026

## Commitment to achieving Net Zero

Emerald Green Energy Ltd is committed to achieving Net Zero emissions by 2050.

## 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.

<b>Baseline Year: 2025</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
As this is the first time Emerald Green Energy has calculated its carbon emissions, there is no historic baseline data available for comparison. Therefore, 2025 has been established as the baseline year.  Scope 3 emissions have been estimated based on currently available information and may be refined in future reporting periods as data collection processes improve.  The organisation is committed to improving the accuracy and completeness of its emissions data over time, including expanding the scope and quality of Scope 3 reporting.	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>

<b>Scope 1</b>	<b>12.50</b>
<b>Scope 2</b>	<b>6.00</b>
<b>Scope 3</b> (Included Sources)	<b>38.00</b>
<b>Total Emissions</b>	<b>56.50</b>
<b>Notes</b>	<p>Included Scope 3 sources: business travel, employee commuting, waste generated in operations, upstream transportation and distribution, and downstream transportation and distribution.</p> <p>As this is the first year Emerald Green Energy has calculated its emissions, the figures above are based on estimated activity data for the organisation's operations, including office energy use, company vehicle use, employee commuting, business travel and operational waste. These figures will be reviewed and refined in future reporting periods as data collection improves.</p>

## Current Emissions Reporting

<b>Reporting Year: 2025</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>12.50</b>
<b>Scope 2</b>	<b>6.00</b>
<b>Scope 3</b> (Included Sources)	<b>38.00</b>
<b>Total Emissions</b>	<b>56.50</b>

## **Emissions reduction targets**

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

We project that carbon emissions will decrease over the next ten years to 39.50 tCO<sub>2</sub>e by 2035. represents a reduction of approximately 30% against the 2025 baseline.

## **Carbon Reduction Projects**

### **Completed Carbon Reduction Initiatives**

As this is the first year of carbon reporting for the organisation, no measurable emissions reductions have yet been formally recorded against the 2025 baseline. However, a number of carbon reduction measures are already in place and will contribute to future emissions reductions.

The following environmental management measures and projects have been implemented:

- Adoption of energy-efficient practices within the company office, including the use of LED lighting and responsible energy consumption policies.
- Implementation of hybrid and remote working practices to reduce employee commuting and business travel.
- Reduction in paper usage through digitalisation of administrative and operational processes.
- Efficient route planning and operational scheduling to minimise fuel consumption across company vehicles.
- Delivery of retrofit and energy efficiency measures to domestic properties through ECO4, GBIS and renewable installation programmes, contributing to wider carbon reduction across the built environment.

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

- Transition of the company vehicle fleet towards low-emission or electric vehicles.
- Improved monitoring and reporting of energy use and carbon emissions across all business activities.
- Engagement with suppliers and subcontractors to encourage low-carbon practices within the supply chain.
- Continued expansion of retrofit and renewable installation activities, supporting national decarbonisation targets.
- Exploration of formal environmental management systems such as ISO 14001.

## **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 standard<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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) Standard<sup>3</sup>.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

**Signed on behalf of the Supplier:**

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Date: .....

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

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

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