

Carbon Reduction Plan

Supplier name: Sustainable Energy limited

Publication date: 19th January 2024

Commitment to achieving Net Zero

Sustainable Energy limited 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.

Baseline Year: 2019	
Additional Details relating to the Baseline Emissions Calculations.	
In accordance with the SEL ISO 9001 and ISO 14001 standards, our organisation has meticulously recorded our consumption and its environmental impact since 2019 (baseline date). Our scope 1 report includes solely the natural gas consumption utilised for space heating at our office, where we exclude transportation as it is irrelevant for our day-to-day operations. In our scope 2 report, we have documented our annual electricity consumption at our office. In scope 3, we have recorded a detailed account of our business travel and remote work arrangements, as these are deemed the most relevant aspects of our business activities.	
Baseline year emissions (2019):	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	7.43
Scope 2	2.45
Scope 3 Sources including: <ul style="list-style-type: none">• Business travel• Home working	4.80
Total Emissions	14.68

Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	5.29
Scope 2	2.69
Scope 3 Sources including: <ul style="list-style-type: none"> • Business travel • Home working 	1.38
Total Emissions	9.36

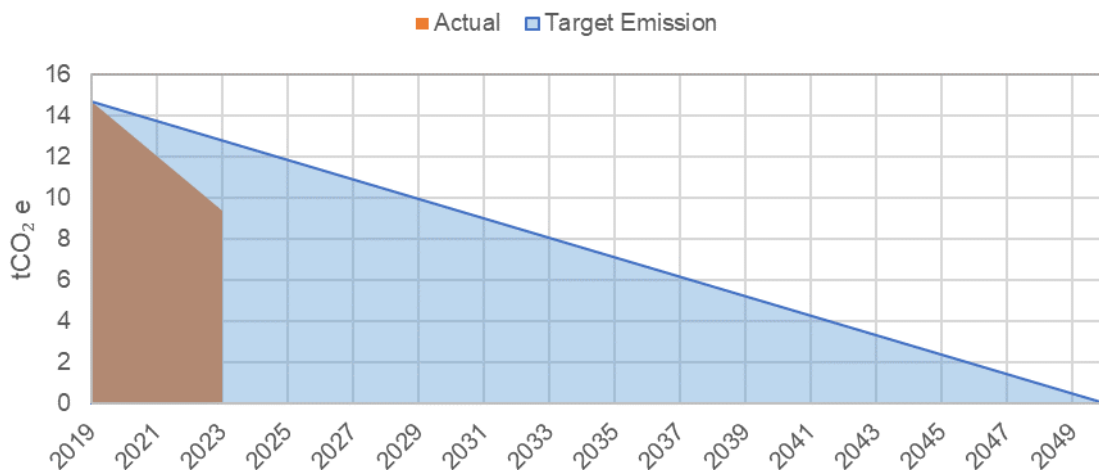
Emissions reduction targets

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 five years to **6 tCO₂e**. This is a reduction of **59%** from the 2019 data.

Progress against these targets can be seen in the graph below:

Carbon Reduction: Projected vs. Actual



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equates to 5.32 tCO_{2e}, a 36% reduction against the 2019 baseline.

- We have ISO 14001:2015 certification for our environmental management system (certificate number: 2033304), which we use to continually improve our environmental performance. Throughout the framework, we will target the reduction of energy use, carbon, and resources both within our office environment with regard to project-related activities.
- We have established an environmental policy outlining our commitment to reduce environmental impact
- We have switched to renewable source electricity supply
- We have transitioned all of the company cars to be fully electric
- We have implemented several improvements to the office to reduce energy consumption including motion sensor lights, energy-efficient electrical equipment upgrades and installed a heat pump at the office to reduce gas usage

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

- Installation of air conditioning unit with heating features to further reduce our reliance on natural gas
- Continuing to improve through our environmental management system

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 and signed off by the board of directors

Signed on behalf of the Sustainable Energy Limited:



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Chrissy Woodman, Director
Date: 19/01/2024

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>