



Carbon Reduction Plan

Supplier name: E.ON Energy Solutions Limited

Publication date: 30/09/2022

Introduction

We strive to be a successful company acting with social responsibility and in harmony with natural resources and global climate. Only with a consistent focus on running our business responsibly and sustainably can we help secure our future and create added value for all – our customers, employees, shareholders, business partners and the environment.

In 2021 E.ON further embedded sustainability and climate action into its decision-making processes by introducing an ESG Reporting Manual and a new carbon management plan. Both will enhance our ability to monitor progress toward our climate targets and to take sufficient action to meet them.

CDP is one of the largest international associations of investors that independently assess the transparency and detail of companies' climate reporting. We've reported data on our carbon emissions to CDP since 2004. CDP again gave E.ON an A rating for tackling climate change in 2021 in recognition of our leadership in corporate sustainability.

Commitment to achieving Net Zero

E.ON Energy Solutions 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.

Baseline Year: 2019

Additional Details relating to the Baseline Emissions calculations.

As a multinational energy solutions business, E.ON has long recognised the threat of climate change and have measured, reported on and managed our full scope 1, scope 2 and scope 3 emissions at a corporate level for many years.

E.ON was one of the first energy companies to sign-up to a net zero carbon reduction target, having long shared our data with the Carbon Disclosure Project (CDP), and more recently having signed up to the Science Based Targets Initiative (SBTI).

All emissions have been calculated using Defra emission factors and align with the Greenhouse Gas Protocol Corporate Accounting and Reporting Standard (GHG Protocol) and the PPN 06/21 guidelines.

Baseline year emissions:

EMISSIONS	TOTAL (tCO₂e)
Scope 1	84,664
Scope 2	4,304
Scope 3 (Included Sources)	249,690 Waste, Business Travel, Employee Commuting & Upstream and Downstream Transportation and Distribution
Total Emissions	338,658

Current Emissions Reporting

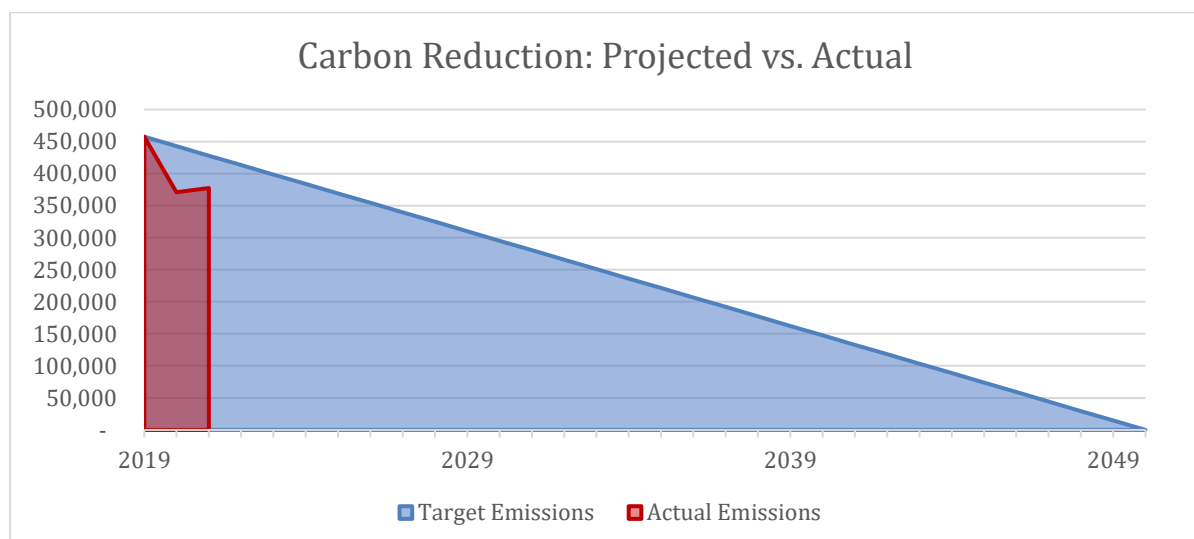
Reporting Year: 2021	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	82,266
Scope 2	1,647
Scope 3 (Included Sources)	293,328 Waste, Business Travel, Employee Commuting & Upstream and Downstream Transportation and Distribution
Total Emissions	377,242

Emissions reduction targets

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

- We will reduce our scope 1 and 2 emissions by 75% by 2030 and by 100% by 2040 (vs. 2019)
- We aim to reduce our scope 3 emissions by 50% by 2030 and by 100% by 2050 (vs 2019)
- Carbon neutral buildings by 2030
- Electrified fleet by 2030

Progress against these targets within the scope of this carbon reduction plan can be seen in the graph below:



*the Covid pandemic (starting March 2020) resulted in artificially low emissions for 2020.



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Energy Efficiency Action:

We are constantly measuring the performance of our energy solutions to ensure energy use is optimised. A lot of work is being done across the estate re consolidating the meters and improving the data collection process.

Heat network optimisation at our Citigen site delivers 5,000 tonnes of CO₂ savings per year. The incorporation of ground source heat pumps at Citigen will help cut CO₂ emissions by a further 50%

We have seen a decrease in electricity use in 2021 due to a higher percentage of electricity being generated at site through CHP's rather than being purchased from the grid.

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 (or equivalent management body).

Signed on behalf of the Supplier:

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Date: ...31.10.2022.....

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>

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