

Carbon Reduction Plan

Supplier name: ECS - Electrification Construction Services Ltd.

Publication date: 21st September 2024

Commitment to achieving Net Zero

ECS - Electrification Construction Services 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: 2022/23	
Additional Details relating to the Baseline Emissions calculations.	
The 2022 baseline detailed below was calculated using established datasets for Scope 01 and 02 and both category 05 waste generated in operations, category 06 business travel and category 09 downstream distribution and transportation.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	210.3
Scope 2	1.7
Scope 3	406.9
Total Emissions	618.9

Current Emissions Reporting

Reporting Year: 2023/24		
EMISSIONS	TARGET TOTAL (tCO ₂ e)	ACTUAL TOTAL (tCO ₂ e)
Scope 1	185	162.4
Scope 2	1.5	1
Scope 3	366.2	302.9
Total Emissions	552.5	466.3

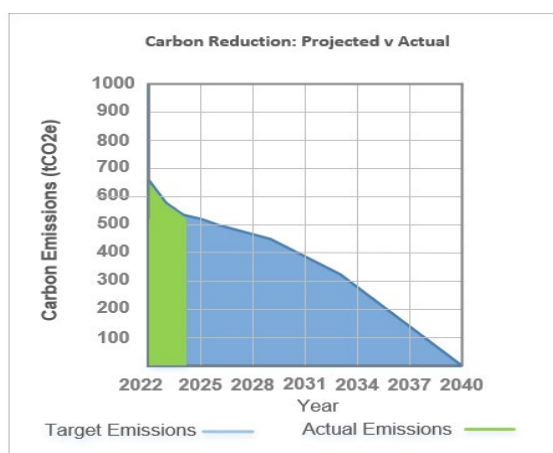
Emissions reduction targets

ECS has long been committed to carbon reduction and these results demonstrate our commitment through the reduction of gas oil and diesel on our projects and introducing energy efficient lighting and power on our premises.

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 376.6 tCO₂e by 2029. This is a reduction of 19.2 %

Future targets and progress can be seen in the table and graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2022/23 baseline to current year 2023/24. The carbon emission reduction achieved by these schemes equate to **152.6 tCO₂e**, an 24.60% reduction against the 2022/23 baseline.

Certification Schemes:

ISO 14001 Environmental Management ISO

9001 Quality Management

ISO 14064 Part 01 2006 (Working towards)

ISO 14064 Part 02 2006 (Working towards)

Carbon Reduction Projects:

- Electricity waste reduction, 80% of all our premises are now fitted with LED lighting and PIR lighting controls.
- Reduction in gas oil, 70% of our projects/sites are now powered by mains electricity, solar power, or hybrid generators.
- Introduction of Hybrid and Electric vehicles to our company car list at renewal.
- From 2020 to 2022 ECS worked with various manufacturers to develop a hybrid solution mobile elevating working platform (MEWP). This revolutionary innovation reduced total carbon emissions by up to 80% compared with industry standard MEWPS.
- Implemented working from home
- Charge electrical equipment on partially renewable energy
- Purchased 2 hybrid MEWP's to replace diesel versions



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

- Implement vehicle tracking software to encourage greener driver behavior
- Replace all office & workshop strip lighting with LEDs
- When vehicles need replacing, look at replacing with hybrid or EV
- Engage with supplier to find out if they have calculated their carbon footprint or have Net Zero targets in place

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 standard¹³ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting¹⁴.

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) Standard¹⁵. 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:



Shane Williams, Managing Director

Date: 21st September 2024

¹³ <https://ghgprotocol.org/corporate-standard>

¹⁴ <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

¹⁵ <https://ghgprotocol.org/standards/scope-3-standard>