

Carbon Reduction Plan

Publication date: 22nd May 2025

Commitment to achieving Net Zero in line with Procurement Policy 06/01

Power Control 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: 2023 (January 2023 – December 2023)	
Additional Details relating to the Baseline Emissions calculations.	
Baseline year emissions:2023	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	11.3 metric tons
Scope 2	33.4 metric tons
Scope 3	991,546.4 metric tons
(Included Sources)	Sources – we have based our scope 3 emissions on the below: Cat 1. Purchased goods and services, Cat 3. Fuel and energy related activities, Cat 5. Waste generated in operations, including emissions from transportation of waste, Cat 6. Business Travel, Cat 7 Commuting
Total Emissions	Overall corporate footprint was 991,591.10 metric tons of CO₂e

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Current Emissions Reporting

Reporting Year: 2024	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	9.8 metric tons
Scope 2	36 metric tons
Scope 3 (Included Sources)	944096 metric tons Sources – we have based our scope 3 emissions on the below: Cat 1. Purchased goods and services, Cat 3. Fuel and energy related activities, Cat 5. Waste generated in operations, including emissions from transportation of waste, Cat 6. Business Travel, Cat 7 Commuting
Total Emissions	Overall corporate footprint was 944141.8 metric tons of CO ₂ e

Emissions reduction targets 2025

- **Fleet upgrades:** We are committed to reducing our carbon footprint by transitioning our fleet to more sustainable options. As part of this initiative, all new fleet vans ordered will be plug-in hybrids.
- **Renewable Energy Transition:** Despite being mid-contract with our current energy supplier, we are proactively engaging with them to explore the possibility of transitioning to a 100% renewable electricity supply.
- **Energy-Efficient Lighting:** To enhance energy efficiency within our facilities, we will replace all existing fluorescent tube lighting in our workshop with LED equivalents
- **Solar Energy Installation:** We are in the process of obtaining quotes for the installation of solar panels on both of our buildings, with the goal of completing this project by 2026
- **EV Charging Infrastructure:** To support the growing number of electric vehicles, we will install additional EV charging points for both visitors and staff.
- **Remote Working Policy:** To further reduce our environmental impact, we will implement a policy allowing for home working, thereby reducing commuting-related emissions.

We project that carbon emissions will decrease over the next five years especially in our Scope 3.

Carbon Reduction Projects

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The following has been actioned since starting our carbon reduction journey:

- Fleet Electrification: All sales fleet vehicles have been upgraded to hybrid or fully electric models.
- Vehicle Replacement: We have taken delivery of two Plug-in Hybrid Electric Vehicle (PHEV) Transit vans, replacing their diesel counterparts.
- EV Charging Infrastructure: Five electric vehicle chargers have been installed at our head office in Sheffield.
- Energy-Efficient Utility Provider: We have transitioned to a more energy-efficient utility provider.
- LED Lighting Upgrade: All internal office lighting has been replaced with energy-efficient LED lighting.
- Motion Sensor Lighting: Motion sensor lighting has been installed in specific areas to further enhance energy efficiency.
- Remote Working Policy: We have implemented a policy allowing for home working to reduce commuting-related emissions.

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.

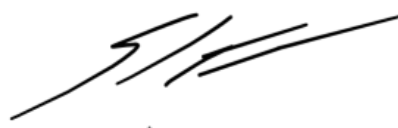
Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate [Government emission conversion factors for greenhouse gas company reporting](#)².

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:

Graeme Tucker
Managing Director


27/5/25

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