



TJS Electrical

**Carbon
Reduction Plan**
Achieving Net
Zero by 2040

Calculated and produced by GovData 2024

COMMITMENT TO ACHIEVING NET ZERO

TJS Electrical Ltd is committed to achieving Net Zero emissions by 2040.

BASELINE EMISSIONS FOOTPRINT

Baseline Year: 2023 (01/01/2023 - 31/12/2023)

The Carbon Reduction Plan has been completed in compliance with PPN 06/21. Our Carbon Emissions in 2023 were measured in line with GHG Protocol and include the greenhouse gases stated in the Kyoto Protocol.

Baseline year emissions: 2023		
EMISSIONS	TOTAL (tCO2e)	
Scope 1	1.65	
Scope 2	2.13	
Scope 3	10.16	
Included Sources	Business Travel	9.39
	Employee Commuting	0.75
	Upstream transportation and distribution	0.01
	Downstream transportation and distribution	0.01
	Waste generated in operations	0.00
Total Emissions	13.94	

CURRENT EMISSIONS REPORTING

Reporting Year: 2023 (01/01/2023 – 31/12/2023)

The Carbon Reduction Plan has been completed in compliance with PPN 06/21. Our Carbon Emissions in 2023 were measured in line with GHG Protocol and include the greenhouse gases stated in the Kyoto Protocol.

Reporting year emissions: 2023		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	1.65	
Scope 2	2.13	
Scope 3	10.16	
Included Sources	Business Travel	9.39
	Employee Commuting	0.75
	Upstream transportation and distribution	0.01
	Downstream transportation and distribution	0.01
	Waste generated in operations	0.00
Total Emissions	13.94	

REPORTING PERIOD

TJS Electrical Ltd will publish a Carbon Reduction Plan on a yearly basis detailing emissions released from UK Operations from 1st January to 31st December.

BASELINE YEAR & CURRENT REPORTING YEAR

Due to 2023 being the first year we have measured our CO₂e emissions, the report for the Baseline Year and Current Reporting year contains the same figures. Due to this, the explanations below apply to both sets of data:

SCOPE 1

Scope 1 is reported as 1.65 tCO₂e in 2023 as we have tracked the mileage travelled by our fleet. **TJS Electrical Ltd** do not have boilers, on-site manufacturing, or f-gases to report emissions on.

SCOPE 2

Within Scope 2, we have measured the emissions resulting from employees working in the office. We have calculated the emissions generated from the consumption of purchased gas and electricity used for heating, lighting, and computer usage in our office premises.

SCOPE 3

BUSINESS TRAVEL

The Business Travel Subset in Scope 3 has been calculated at 9.39 tCO₂e, considering factors such as distance travelled and mode of transportations including travel by taxi, bus, light rail and cars. This figure excludes the commute to and from work.

EMPLOYEE COMMUTING

The emissions resulting from employee commuting have been calculated at 0.75 tCO₂e, considering factors such as the distance travelled, mode of transportation, and average fuel consumption.

UPSTREAM AND DOWNSTREAM TRANSPORTATION

The emissions resulting from upstream and downstream transportation have been assessed and quantified at 0.02 tCO₂e. This calculation considers the transportation activities involved in sourcing materials and delivering finished products, taking into account factors such as distance travelled, modes of transportation, and fuel consumption. It accounts for the greenhouse gas emissions generated during both the upstream and downstream transportation processes, contributing to a comprehensive understanding of our carbon footprint.

WASTE GENERATED IN OPERATIONS

As of now, **TJS Electrical Ltd** does not have a waste removal provider. Therefore, we do not have access to specific data regarding CO₂e emissions related to waste disposal.

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 9.76 tCO₂e by 2029. This is a reduction of 30%.

CARBON REDUCTION PROJECTS

COMPLETED CARBON REDUCTION INITIATIVES

The following environmental management measures and projects have been completed or implemented since the 2023 baseline.

Energy Efficiency Measures:

- Implementation of energy-efficient lighting, such as LED bulbs, to reduce electricity consumption.
- Use of energy-efficient appliances and equipment, including Energy Star-rated devices.
- Encouraging employees to turn off lights, computers, and other electronic devices when not in use.

Green Procurement:

- Preference for purchasing products and supplies with environmentally friendly certifications, such as those made from recycled materials.
- Consideration of the environmental impact of suppliers and products when making purchasing decisions.

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 Supplier:



Date:

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>