P H Adams (electrical contractors)Ltd | 2024

Towards a Sustainable Future

Carbon footprint

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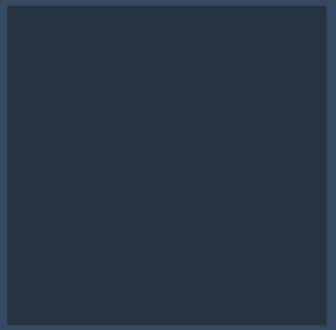
Introduction



Head of sustainability

Our Carbon Reduction Targets

P H Adams (electrical contractors)Ltd is committed to a reduction in all Scope 1, 2, and 3 emissions by 2030

45% by 2030

Reduction compared to 2024

To support this target and demonstrate our commitment to reduce our carbon emissions, we will produce a carbon reduction plan inline with PPN 06/21.

All our emissions reductions will be primarily achieved through ambitious carbon reduction projects and offsetting carbon emissions will only be considered in cases of unavoidable emissions or residual emissions. P H Adams (electrical contractors)Ltd will work with its partners to establish a yearly emission reduction target and this KPI will be integrated into our reporting system to ensure annual targets are met.

Emissions Categories

Currently, we measure all our Scope 1 and Scope 2 emissions following the GHG protocol, and we measure a subset of scope 3 emissions (PPN 06/21 requirement) following the Corporate Value Chain Scope 3 Standard.

GHG Scope	Emissions sources
Scope 1	Direct emissions resulting from sources that are owned and controlled by P H Adams (electrical contractors)Ltd
Scope 2	Indirect emissions from purchase of electricity and onsite EV charging
Scope 3	Indirect emissions from other sources not included in Scope 1 and 2 categories. We include in our carbon footprint scope 3 calculation business travel, deliveries we make, deliveries we receive, waste, commuting, work from home and supply chain purchases from our tier 1 suppliers.

Working towards a more sustainable future

Commitment to Net Zero

P H Adams (electrical contractors)Ltd is commited to reducing its carbon footprint by 45% by 2030 when compared to 2024.

This report sets out a Net Zero roadmap, detailing the strategies we have put in place to achieve this goal.

Baseline Emissions

Our baseline emissions comparison year is 2023/24

Baseline year emissions: Apr 2023 - Mar 2024	
Emissions	TOTAL (tCO_2e)
Scope 1	9.2
Scope 2	0.9
Scope 3 (including sources)	30
Total emissions	40.1

Note: UK-specific emissions factors were used for all calculations - even for sites not in the UK

Baseline Year Calculation Assumptions

- Upstream transportation and distribution was estimated using general assumption on distance and number of deliveries per month.
- We worked with Enistic Ltd who helped to conduct a staff survey. The survey received a 10% response and the data was used to calculate emissions from commuting and home working.
- Emissions from downstream transportation and distribution are estimated by multiplying monetary value of each journey by emission factors provided by DEFRA.
- Business travel emissions from flights, trains, taxis and ferries were also estimated by multiplying monetary value of each journey by emission factors provided by DEFRA.

Emissions Breakdown

Scope 1	Emissions TOTAL (tCO_2e)
1: Medium Van 1.7-2.0 litre diesel	0
1: Lorry 4 axles and above	0
1: Hybrid car	0
1: Gas	1.1
1: Large car over 2.0 litre diesel	0
1: Medium car 1.7-2.0 litre diesel	0
1: Small car up to 1.4 litre petrol	0
1: Medium car 1.4-2.0 litre petrol	8.1
1: Large car over 2.0 litre petrol	0
1: Small car up to 1.7 litre diesel	0
1: Heating Oil (litres)	0
Total Emissions Scope 1	9.2

Scope 2	Emissions TOTAL (tCO_2e)
2: Electricity	0.9
2: Electric car	0
Total Emissions Scope 2	0.9

Scope 3	Emissions TOTAL (tCO_2e)
3.04: Deliveries (upstream)	0
3.05: Waste	0.6
3.06: Hotel Stays	0
3.06: Staff mileage	0.9
3.06: Flights	0
3.07: Commuting	23.4
3.07: Working from home	2.2
3.09: Deliveries (downstream)	0.1
3.3: Transmission and Distribution (T&D)	0.08
3.3: Well-to-Tank (WTT)	2.7
Total Emissions Scope 3	30

TOTAL EMISSIONS	40.1 tCO_2e