



## H-Squared

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H-Squared (UK Electric Ltd T/A H-Squared)  
September 2024

### ***Commitment to Achieving Net Zero***

H-Squared is committed to achieving Net Zero emissions by 2050.

### ***Baseline Emissions Footprint***

Baseline Year: 2019

Baseline emissions are a record of the greenhouse gases that have been produced in the past and form the reference point against which emission reduction targets are measured.

Baseline Emissions:

- Scope 1: 45 tCO<sub>2</sub>e (company vehicles, heating oil/gas use)
- Scope 2: 30 tCO<sub>2</sub>e (purchased electricity)
- Scope 3 (Included Sources):
  1. Upstream transportation and distribution – 60 tCO<sub>2</sub>e
  2. Waste generated in operations – 10 tCO<sub>2</sub>e
  3. Business travel – 25 tCO<sub>2</sub>e
  4. Employee commuting – 20 tCO<sub>2</sub>e
  5. Downstream transportation and distribution – 75 tCO<sub>2</sub>e

Total Baseline Emissions: 265 tCO<sub>2</sub>e

### ***Current Emissions Reporting***

Reporting Year: 2023/24

Current Emissions:

- Scope 1: 35 tCO<sub>2</sub>e
- Scope 2: 20 tCO<sub>2</sub>e
- Scope 3 (Included Sources):
  1. Upstream transportation and distribution – 50 tCO<sub>2</sub>e
  2. Waste generated in operations – 8 tCO<sub>2</sub>e
  3. Business travel – 15 tCO<sub>2</sub>e
  4. Employee commuting – 15 tCO<sub>2</sub>e
  5. Downstream transportation and distribution – 65 tCO<sub>2</sub>e

Total Reporting Year Emissions: 208 tCO<sub>2</sub>e

### ***Emissions Reduction Targets***

To continue our progress towards Net Zero, we have adopted the following carbon reduction targets:

- Reduce Scope 1 & 2 emissions by 50% by 2030 compared to the baseline.
  - Reduce business travel emissions by 40% by 2030 by encouraging virtual meetings and low-carbon travel.
  - Improve recycling and reduce operational waste by 50% by 2030.
  - Engage suppliers to achieve a 30% reduction in transportation-related emissions by 2030.
- We project that carbon emissions will decrease to 130 tCO<sub>2</sub>e by 2030.

### ***Completed Carbon Reduction Initiatives***

- Transition to LED lighting across offices and warehouses.
- Increased use of hybrid and electric company cars. Stop the use of Diesel vehicles.
- Installed smart heating and cooling systems to optimise energy use.
- Implemented video conferencing to reduce travel.
- Introduced recycling and waste segregation initiatives.



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Registered Office: Votec House, Hambridge Lane, Newbury, RG14 5TN  
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### ***Future Carbon Reduction Initiatives***

- Procure 100% renewable electricity by 2026.
- Expand EV/hybrid fleet usage and install on-site charging stations.
- Introduce supplier engagement programme to measure and reduce supply chain emissions.
- Enhance warehouse energy efficiency through insulation and automation.
- Explore solar PV installation at head office.

### ***Declaration and Sign Off***

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance.

Signed: 

Name: Carl Stevens  
Position: General Manager  
Date: 9<sup>th</sup> September 2024



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