

1. Statement

Quartzelec Ltd recognises that its own economic prosperity is dependent upon a strong and sustainable economy. As a provider of electrical engineering services and solutions, we recognize our responsibility to reduce environmental impact across design, manufacturing, and service delivery. The Company recognises that its commercial services e.g. maintenance and repair of rotating machines, HV & LV infrastructure and its associated interfaces on green energy networks) make a significant contribution to the Circular Economy and reducing the UK carbon footprint.

As part of this Quartzelec Ltd is committed to complying with government legislation in achieving carbon net zero by 2050 (Paris Agreement 2015, benchmark year 1990).

2. Scope

This policy relates to all UK operations and utilises the Greenhouse Gas (GHG) Protocol definition of calculating scopes used in UK Government net zero strategy:

Scope 1 covers emissions from sources that an organisation owns or controls directly – for example from burning fuel in our fleet of vehicles (if they're not electrically-powered).

Scope 2 are emissions that a company causes indirectly and come from where the energy it purchases and uses is produced. For example, the emissions caused when generating the electricity that we use in our buildings would fall into this category.

Scope 3 encompasses emissions that are not produced by the company itself and are not the result of activities from assets owned or controlled by them, but by those that it's indirectly responsible for up and down its value chain. An example of this is when we buy, use and dispose of products from suppliers. Scope 3 emissions include all sources not within the scope 1 and 2 boundaries.

Table 1: Company CO₂e under Streamlined Energy and Carbon Reporting (SECR). The base year is the financial year ending 30th September 2022.

CO ₂ e (SECR)	2024/25	2023/24	2022/23	2021/22
Scope 1	1424	1491	1286	1151
Scope 2	325	391	385	370
Scope 3	92	77	262	236
Total	1841	1959	1933	1757
Turnover	£93.8m	£88.6m	£73.9m	£80.6m

3. Carbon Reduction Plan

The Company's approach to achieving net zero, is based upon science-based targets (SBTi), continuous improvement and collaboration with all stakeholders.

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2025 100% renewable electricity (REGO certified) in offices and production facilities – complete.

2026 Complete ISO 14001 certification across all UK sites.

2027 Complete Company carbon footprint calculation (scope 1, 2 & 3).

2035 50% reduction in Scope 1 and 2 emissions.

2045 75% reduction in Scope 3 emissions.

2050 Achieve net zero emissions across all scopes.

4. Carbon Reduction Projects / Targets

a) Operational Efficiency

- Upgrade heating, ventilation and AC, lighting, and equipment for energy efficiency.
- Implement smart energy monitoring in offices and facilities.
- Eliminate fossil-fuel heating where feasible.
- Continued investment in IT, comms systems etc.
- Minimise business travel.

b) Fleet Transition

- Transition company vehicles to electric or hybrid models by 2035.
- Optimise routing and delivery logistics for fuel efficiency.

c) Renewable Energy

- Procure 100% renewable electricity via contracts or on-site solar PV.

d) Communication and Awareness

- Communication of this policy to all employees.
- Provide training / seminars on carbon reduction, net zero etc.
- Stakeholder engagement – advising and working with clients, supply chain, sharing best practice etc.
- Supply Chain - encourage key suppliers to adopt their own carbon reduction plans.
- Collaborate with our supply chain to further reduce related emissions.



S.Morrison

Managing Director

Sources:

<https://netzeroappg.org.uk/wp-content/uploads/2021/12/NZ-APPG-Roadmap-Report-2021-1.pdf>
[Decarbonisation-Report-Putting-Net-Zero-at-the-heart-of-the-UK-policy.pdf](#)