



ELECTRO MECHANICAL SYSTEMS LIMITED

Streamlined Energy and Carbon Report (SECR)

This report summarises the energy usage and associated emission under the government (SECR) policy as implemented by the companies (Director's report) and limited liability partnerships (energy and carbon) report regulations.

Electro Mechanical Systems Limited is a UK incorporated company that has a turnover of less than 36 million, a balance sheet of less than 18 million and an employee count of less than 250 people, therefore does not satisfy any of the criteria for reporting under the SECR but has chosen to produce this report as part of its continual development and sustainability.

Electro Mechanical Systems has identified and measured the scope 1 and scope 2 criteria relevant to its operation.

Criteria	Scope	2025/2024 Consumption	2025/2024 Consumption (tCO ₂ e)
Natural Gas (kWh)	Scope 1	76051	15.42
Business travel - land (EV miles)	Scope 1	2361	0
Business travel - land (plug in hybrid miles)	Scope 1	10041	1.01
Business travel - land (petrol miles)	Scope 1	7559	2.03
Business travel - land (diesel miles)	Scope 1	7575	1.59
Grid supplied energy (kWh)	Scope 2	421595	74.62
Totals of identified criteria			94.66

Intensity metrics	2025/2024	2024/2023	2023/2022
Tonnes of CO ₂ e per million of turnover	5.05204	5.95648	5.91478
Tonnes of CO ₂ e per unit of sales	0.00023	0.00022	0.00021

Sustainability measures and ongoing improvements

- Use of 100% renewable electricity tariff for grid supplied electricity
- Installation of a roof mounted solar array totalling 106.6KW in place to offsets energy usage with consideration for further expansion of this system.
- Installation of 3 x 7kWh EV chargers.
- Installation of LED lighting when replacing fittings.
- Thermally insulated factory roof to minimise heat loss.
- Instigation of returnable packaging materials on viable projects with a drive towards converting more projects, while also prioritising the use of recycled and eco-friendly packaging materials.
- Commercial waste from our manufacturing facility is processed through waste streams committing 'zero to landfill'.
- Promoting re-use and re-purposing of resources before considering recycling or disposal.
- Reduction in business travel by adoption and promotion of technological advances.
- Compressed air system fed by a variable screw compressor to minimise running consumption based by system demand.

Electro Mechanical Systems have been working with Carbon Neutral Britain to offset the carbon emitted during its operations and are pleased to announce that we have offset 100 tCO₂e in May 2026 and have therefore made our business operations carbon neutral.

Electro Mechanical Systems will continue to monitor and assess the impact of its operations and aim to reduce the overall carbon emissions inline with the SECR guidance.

