SAVAGE & SONS (ELECTRICAL) LTD

THE ELECTRICAL CONTRACTORS

SAVAGE AND SONS ELECTRICAL LTD

CARBON REDUCTION PLAN

Framework Agreement Commencement Date: 20 October 2026
Baseline Year: 2024
Current Reporting Period: 1 September 2025 – 31 August 2026
Reporting Year-End: 31 August 2026
Net Zero Target: 2050

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1. Commitment to Achieving Net Zero

Savage and Sons Electrical Ltd is committed to achieving Net Zero greenhouse gas emissions by 2050 at the latest, in line with the UK Government's commitment and the NHS Net Zero Supplier Roadmap.

As an electrical contracting business operating in Biggleswade, Bedfordshire, we recognise our responsibility to minimise the environmental impact of our operations, including electrical installation, servicing, vehicle use, energy consumption, procurement and waste management.

We are committed to reducing our carbon footprint through improved energy efficiency, the transition to electric vehicles, responsible procurement, waste reduction and engagement with employees and suppliers.

We will monitor our greenhouse gas emissions annually, review progress against our reduction targets and update this Carbon Reduction Plan to demonstrate continual improvement.

2. Company Information

Item	Details
Company name	Savage and Sons Electrical Ltd
Location	Biggleswade, Bedfordshire
Number of employees	15
Business activities	Electrical contracting, servicing and installation
Baseline year	2024
Current reporting period	1 September 2025 – 31 August 2026
Reporting year-end	31 August 2026
Net Zero target	2050

3. Baseline Emissions Footprint

Baseline year: 2024

The 2024 baseline provides the reference point against which future emissions reductions will be measured.

The original baseline information identified diesel consumption by company vehicles as the principal source of direct emissions. Employee commuting and supplier deliveries were also identified as sources of indirect emissions.

3.1 Scope 1 — Direct Emissions

Scope 1 emissions arise from fuel combustion in company-owned or controlled vehicles and other applicable direct

sources.

The 2024 baseline identified four diesel vans consuming approximately 720 litres of diesel per week.

Annual diesel consumption was calculated as follows:

720 litres per week × 52 weeks = 37,440 litres per year.

Using the diesel conversion factor of 2.58354 kgCO_2e per litre stated in the original plan, baseline diesel emissions were approximately 96.73 tonnes of carbon dioxide equivalent.

Source	Annual consumption	Baseline emissions
Diesel vans	37,440 litres	96.73 tCO_2e
Total Scope 1		**96.73 tCO_2e**

3.2 Scope 2 — Purchased Energy

The company reports annual purchased electricity consumption of 20,270.5 kWh.

Using the provisional electricity conversion factor of 0.13096 kgCO_2e per kWh:

22,516.8 kWh × 0.13096 kgCO_2e per kWh ÷ 1,000 = 2.65 tCO_2e.

Source	Annual consumption	Emissions
Purchased electricity	20,270.5 kWh	2.65 tCO_2e
Total Scope 2		**2.65 tCO_2e**

This estimate relates to electricity purchased from the supplier. The company also has rooftop solar panels. Solar generation and exported electricity will be monitored where data is available.

3.3 Scope 3 — Other Indirect Emissions

The original baseline plan identified employee commuting and supplier deliveries as relevant indirect emissions sources.

Source	Baseline emissions supplied
Employee commuting	8.42 tCO_2e
Supplier deliveries	15.20 tCO_2e
Subtotal of stated Scope 3 figures	**23.62 tCO_2e**

These figures have been retained from the previous plan and require verification against the relevant baseline-year activity data.

Other applicable Scope 3 categories will be reviewed as part of the company's ongoing emissions monitoring process.

3.4 Baseline Emissions Summary

Emissions category	Baseline emissions
Scope 1 — Diesel vehicles	96.73 tCO_2e
Scope 2 — Purchased electricity	2.95 tCOze
Scope 3 — Employee commuting	8.42 tCO_2e
Scope 3 — Supplier deliveries	15.20 tCO_2e
Previously stated baseline total	**123.33 tCO_2e**

The previously stated total of 120.35 tCO_2e equals the supplied Scope 1 and Scope 3 figures combined. As Scope 2 emissions were not quantified, this total should not be interpreted as a complete baseline footprint across all scopes.

4. Current Reporting-Year Emissions

Reporting period: 1 September 2025 – 31 August 2026
Reporting year-end: 31 August 2026

Savage and Sons Electrical Ltd has prepared a provisional reporting-year emissions inventory using the annual diesel consumption, purchased electricity consumption and Scope 3 figures provided for this plan.

The calculations below use the conversion factors previously identified in the company's working plan. The factors must be checked against the applicable UK Government conversion factors for the reporting methodology and period before final publication.

4.1 Scope 1 — Direct Emissions

The company's current annual diesel consumption is approximately 31,200 litres across four diesel vans.

Using the provisional conversion factor of 2.58354 $kgCO_2e$ per litre:

31,200 litres × 2.58354 $kgCO_2e$ per litre ÷ 1,000 = 80.60 tCO_2e.

Source	Annual consumption	Emissions
Four diesel vans	31,200 litres	80.60 tCO_2e
Total Scope 1		**80.60 tCO_2e**

The annual diesel consumption figure will be checked against available fuel card statements, invoices and fleet records.

4.2 Scope 2 — Purchased Electricity

The company reports annual purchased electricity consumption of 22,516.8 kWh.

Using the provisional electricity conversion factor of 0.13096 $kgCO_2e$ per kWh:

22,516.8 kWh × 0.13096 $kgCO_2e$ per kWh ÷ 1,000 = 2.95 tCO_2e.

Source	Annual consumption	Emissions
Purchased electricity	22,516.8 kWh	2.95 tCO_2e
Total Scope 2		**2.95 tCO_2e**

This estimate relates to electricity purchased from the supplier. The company also has rooftop solar panels. Solar generation and exported electricity will be monitored where data is available. Electric use has increased due to charging of further electric vehicles.

4.3 Scope 3 — Other Indirect Emissions

The following figures have been retained from the previous Carbon Reduction Plan pending verification against current reporting-year activity data.

Source	Provisional emissions
Employee commuting	8.42 tCO_2e
Supplier deliveries	15.20 tCO_2e
Total of stated Scope 3 sources	**23.62 tCO_2e**

Employee commuting emissions relate to employees travelling between home and their usual place of work.

Supplier delivery emissions relate to transportation associated with deliveries to the company's operations and installation activities.

The company will review available mileage records, delivery information and other relevant activity data to verify these estimates.

Other applicable Scope 3 categories, including business travel, waste generated in operations and relevant upstream and downstream transportation, will be assessed as part of ongoing emissions monitoring.

4.4 Current Reporting-Year Emissions Summary

Emissions scope	Provisional emissions
Scope 1 — Diesel vans	80.60 tCO_2e
Scope 2 — Purchased electricity	2.95 tCO_2e
Scope 3 — Employee commuting	8.42 tCO_2e
Scope 3 — Supplier deliveries	15.20 tCO_2e
Provisional total	**107.17 tCO_2e**

The provisional total of 107.17 tCO_2e represents the four emissions sources listed above. It is not yet a complete verified organisational footprint because the Scope 3 figures require confirmation for the current reporting period and other applicable emissions categories have not been quantified.

4.5 Review of Emissions Performance

The 2024 baseline recorded diesel consumption of 37,440 litres per year. Current annual diesel consumption is estimated at 31,200 litres.

This represents a reduction of approximately 16.7% in reported annual diesel consumption compared with the baseline.

Using the same provisional conversion factor for both years, estimated diesel emissions have reduced from 96.73 tCO_2e to 80.60 tCO_2e.

This comparison relates to diesel consumption only. It should not be interpreted as a verified reduction in total organisational emissions because the baseline and current reporting-year inventories are not yet fully reconciled.

The company will continue to monitor fuel consumption and fleet mileage to confirm this progress and identify further opportunities to reduce emissions.

5. Emissions Reduction Targets

Savage and Sons Electrical Ltd is committed to achieving Net Zero greenhouse gas emissions by 2050 at the latest.

The company's stated reduction targets are as follows:

Target year	Target	Planned actions
2027	15% reduction	Continue diesel-to-electric vehicle replacement, improve energy monitoring and increase staff engagement
2030	50% reduction	Electrify the majority of the fleet where practicable, collaborate with suppliers and reduce indirect emissions
2050	Net Zero	Reduce emissions as far as practicable and address residual emissions in accordance with the company's Net Zero commitment

The reduction percentages will be measured against the confirmed baseline emissions inventory. The company will establish the corresponding emissions limits in tonnes of CO_2 equivalent once the baseline has been reconciled and quantified.

Progress will be reviewed annually, and actions will be adjusted where necessary to support the company's objectives.

6. Emissions Reduction Measures

6.1 Fleet and Transport

The company will continue to reduce emissions associated with its vehicle fleet.

The current fleet comprises:

- Four diesel vans.
- Three electric vans.
- One electric car.
- One hybrid car.

The company will:

- Continue replacing diesel vans with electric vehicles as suitable vehicles become available.
- Review the feasibility of replacing the remaining diesel vans with electric alternatives, taking account of payload, range, charging availability and operational requirements.
- Introduce route planning and fuel-use tracking to reduce unnecessary mileage.
- Monitor annual diesel consumption and electric vehicle mileage.
- Encourage car sharing and lower-emission commuting where practical.
- Provide rail cards to encourage rail travel where appropriate.

Fuel consumption, mileage and fleet composition will be reviewed annually to measure progress.

6.2 Energy Efficiency

The company has rooftop solar panels and will continue to consider measures to reduce energy consumption.

Actions include:

- Monitoring electricity consumption and solar generation.
- Switching to a 100% renewable electricity tariff where practicable.
- Installing energy dashboards and motion-sensor lighting where appropriate.
- Reducing unnecessary lighting, heating and equipment usage.
- Reviewing electricity consumption annually to identify opportunities for further reductions.

6.3 Procurement and Waste Management

The company will seek to minimise the environmental impact of purchased materials, deliveries and waste arising from electrical contracting activities.

Actions include:

- Reducing unnecessary packaging and consolidating supplier deliveries.
- Prioritising local and lower-carbon suppliers where commercially and technically appropriate.
- Improving recycling of cable drums, cardboard, metals and electrical waste.
- Planning material quantities accurately to minimise waste and unnecessary deliveries.
- Working with suppliers to reduce the carbon impact of transportation and purchased goods.
- Retaining relevant waste and procurement records to support emissions monitoring.

6.4 Employee Engagement

The company recognises that employee participation is important to achieving its carbon reduction objectives.

Actions include:

- Delivering carbon awareness training.
- Introducing a Green Ideas Box to encourage employee suggestions.
- Recognising employees who contribute to environmental improvements.
- Encouraging lower-carbon travel options where practical.
- Promoting efficient vehicle use, waste reduction and responsible energy consumption.

7. Monitoring, Reporting and Review

Savage and Sons Electrical Ltd will monitor its emissions and review the effectiveness of its carbon reduction measures annually.

The monitoring process will include:

- Collecting diesel consumption and vehicle mileage data.
- Recording purchased electricity consumption and, where available, solar generation.
- Reviewing employee commuting and supplier delivery information.
- Assessing other applicable Scope 3 emissions categories, including business travel, waste generated in operations and relevant transportation activities.
- Comparing current reporting-year emissions with the baseline.
- Reviewing progress against the 2027, 2030 and 2050 targets.
- Identifying corrective actions where emissions increase or reduction targets are not achieved.
- Updating this Carbon Reduction Plan to reflect verified data and changes in business operations.

The company will retain relevant fuel records, electricity bills, mileage information, supplier records and waste documentation to support its annual emissions reporting.

Senior management will be responsible for reviewing the plan and ensuring that carbon reduction actions remain appropriate to the company's operations.

8. Declaration and Approval

This Carbon Reduction Plan has been prepared for Savage and Sons Electrical Ltd and sets out the company's commitment to reducing greenhouse gas emissions and achieving Net Zero by 2050 at the latest.

The company will continue to improve the accuracy of its emissions inventory, implement practical reduction measures and monitor progress through annual reviews.

The figures identified as provisional will be checked against available records and the applicable reporting methodology.

Signed on behalf of Savage and Sons Electrical Ltd

Name: Michael Green

Position: Director

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Michael Green
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Document review: This plan should be reviewed at least annually and updated to reflect verified emissions data, changes in operations and progress against reduction targets.

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