

Simple Green Energy Limited

Carbon Reduction Plan

Reporting Year: 2025/26

Prepared for public sector, local authority, housing, retrofit, Warm Homes, BUS, renewable energy and decarbonisation tenders across England and Wales.

Supplier	Simple Green Energy Limited
Company registration number	12244971
Registered / main office	Studio 9, 50-54 St Paul's Square, Birmingham B3 1QS, United Kingdom
Additional office / operational locations	One Canada Square, Canary Wharf, London E14 7UF; Partnership House, Bilston WV14 0HF
Number of employees	9
Plan owner / senior approver	Kamaljit Singh, Director / Managing Director
Version status	Tender submission version - based on best available data supplied by Simple Green Energy Limited

Important data note: The questionnaire stated a baseline year of “2015/26”. As the company registration number indicates a company incorporated after 2015 and no verified historic carbon dataset was supplied, this plan treats 2025/26 as the first formal baseline and current reporting year. This should be confirmed before final signature/publication.

1. Commitment to Achieving Net Zero

Simple Green Energy Limited is committed to achieving Net Zero greenhouse gas emissions by 2050 at the latest for emissions under its operational control. The company also has an internal ambition to reduce emissions earlier where commercially and operationally practical, while continuing to deliver renewable energy, retrofit, energy-efficiency and decarbonisation services across England and Wales.

This Carbon Reduction Plan has been prepared to support tender responses and is aligned to the structure and expectations of Procurement Policy Note 006: Taking account of Carbon Reduction Plans in the procurement of major government contracts, including reporting of Scope 1, Scope 2 and the required subset of Scope 3 emissions categories.

2. Organisational Boundary and Reporting Approach

This plan covers Simple Green Energy Limited operations in the United Kingdom under an operational control boundary. It includes emissions from company-controlled vehicles, purchased electricity, and the PPN 006 required Scope 3 categories where data is available or capable of reasonable estimation.

Boundary item	Included in this plan
Operational sites	Birmingham main office; London office; Bilston partnership house / operational base
Business activities	Renewable energy, heating, retrofit, energy-efficiency, ventilation, insulation, EV charging and decarbonisation services
Reporting period	2025/26
Calculation method	Activity data supplied by the company, supplemented by UK Government GHG conversion factors and conservative screening estimates where primary data is not yet available
Material exclusions	No office gas use, no generators/site equipment fuel, no refrigerant top-ups or leaks reported

3. Company Context and Evidence Base

Simple Green Energy Limited is a specialist green energy and retrofit contractor. The company's service profile is directly aligned to decarbonisation outcomes for domestic and public-sector housing, including heating system improvements, air source heat pumps, solar PV, battery storage, EV chargers, ventilation, insulation and energy-efficiency works.

Evidence / accreditation	Relevance to this Carbon Reduction Plan
Environmental Policy, issue date 01/01/2026	Confirms commitment to reducing environmental impact, preventing pollution, minimising waste, recycling/reuse, reducing carbon emissions and energy consumption, journey planning and low-emission alternatives where feasible.
MCS Certificate of Approval, NAPIT, issued 04/11/2025	Confirms competence for solar PV systems, air source heat pump design and installation, and battery storage.
PAS 2030 / Energy Efficiency Measures certification	Confirms assessed competence for energy efficiency measures such as boilers and heating/hot water controls.
NICEIC / PAS 2030 certificate	Confirms PAS 2030 scope including gas fired condensing boilers, heating and hot water controls, cavity wall insulation, external wall insulation and electric storage heaters.
CHAS certificate	ConfirmsSSIP approved contractor status for CDM.
TrustMark and RECC memberships	Supports quality, consumer protection and renewable energy delivery credentials.
Record Keeping Procedure	Supports traceability, auditability, installation records, material delivery records, commissioning, photographic evidence and long-term retention.

4. Baseline Emissions Footprint

Baseline year: 2025/26, treated as the first formal carbon baseline year pending confirmation of the questionnaire baseline typo. Because no verified historic fuel-card, commuting, business travel or waste tonnage dataset has been supplied, the baseline uses the best available operational data and clearly identifies improvement actions for annual reporting.

Emissions source	Activity data used	Calculation note	tCO2e
Scope 1: company vehicles	63,900 annual miles across 5 vans and 4 cars using petrol/diesel	Screening estimate based on mixed petrol/diesel company vehicles. Replace with fuel litres or mileage split by vehicle in next update.	16.95
Scope 1: gas / other fuels / refrigerants	No office gas, no generators, no refrigerant leaks reported	No emissions reported for these sources.	0.00
Scope 2: purchased electricity	8,000 kWh, British Gas, non-renewable tariff	Location-based electricity estimate using 2025 UK Government conversion factor.	1.66
Scope 3: business travel	Receipts exist, but no quantified annual mileage, rail, taxi, hotel or flight data supplied	Not quantified in this first baseline. Data collection process included as a 2026/27 action.	TBC
Scope 3: employee commuting	9 employees; public transport noted, but no staff survey or commute distances supplied	Not quantified in this first baseline. Staff commute survey included as a 2026/27 action.	TBC
Scope 3: waste generated in operations	Waste generated from boilers, cylinders, packaging and site materials; no waste tonnage/WTNs supplied	Not quantified in this first baseline. Waste transfer notes and tonnage tracking included as a 2026/27 action.	TBC
Scope 3: upstream transportation and distribution	Supplier deliveries direct to customer/property/site	Not quantified due to lack of supplier delivery mileage/tonnage records. Supplier data collection included as a 2026/27 action.	TBC
Scope 3: downstream transportation and distribution	Movement of products/materials to customer sites using company vans	Emissions from company vans are already captured under Scope 1. Third-party downstream logistics not reported.	Included in Scope 1
Total quantified emissions	Scope 1 + Scope 2 only at this stage	Partial quantified baseline pending collection of Scope 3 activity data.	18.61

5. Current Emissions Reporting

Current reporting year: 2025/26. As this is the first formal baseline year, current emissions are the same as the baseline emissions until a further annual reporting cycle is completed.

Scope	Emissions source	Current emissions tCO2e
Scope 1	Company-owned petrol/diesel vehicles; gas, generators and refrigerants reported as nil	16.95
Scope 2	Purchased electricity, 8,000 kWh, non-renewable tariff	1.66
Scope 3	Required categories: business travel, commuting, waste, upstream transport, downstream transport	TBC / data collection in progress
Total quantified emissions	Scope 1 + Scope 2 quantified total	18.61

6. Emissions Reduction Targets

Simple Green Energy Limited will use the 2025/26 baseline to track annual emissions reductions. The company commits to Net Zero by 2050 at the latest and will review emissions annually, with management oversight and updates within six months of the financial year-end where practical.

Target area	Target / commitment	Indicative timeframe
Overall Net Zero	Achieve Net Zero greenhouse gas emissions by 2050 at the latest.	By 2050
Fleet transition	Move company vehicles towards EV, hybrid or lower-emission alternatives when operationally suitable and commercially viable.	2026-2035
Electricity	Switch office electricity supply to a certified renewable electricity tariff where available and cost-effective.	2026/27
Operational efficiency	Reduce unnecessary revisits through improved survey accuracy, route planning, quality control and first-time-right installation processes.	Ongoing
Waste	Improve segregation and recycling of scrap metal, packaging, WEEE and installation waste, supported by licensed waste carriers and waste records.	2026 onwards
Supply chain	Use suppliers with stronger environmental credentials and request delivery/emissions data from key suppliers.	2026 onwards
Data and governance	Review emissions annually and add carbon reporting to management reviews.	Annual

Indicative reduction pathway from the quantified 2025/26 baseline of 18.61 tCO₂e:

Year	Indicative target versus quantified baseline	Indicative quantified emissions target tCO ₂ e
2025/26	Baseline	18.61
2026/27	5% reduction	17.68
2027/28	12% reduction	16.38
2028/29	20% reduction	14.89
2029/30	30% reduction	13.03
2035	At least 55% reduction, subject to operational feasibility	8.37
2050	Net Zero	0.00 residual emissions after reduction and credible neutralisation of unavoidable residuals

7. Carbon Reduction Projects and Measures

7.1 Completed and Current Measures

Measure	Current status / benefit
Digital CRM and forms	Zoho One and Zoho CRM are used to reduce paper, improve job records and support operational traceability.
E-signatures and digital documents	Zoho Sign and DocuSign reduce printing, postage and administrative resource use.
Route planning	Internal route planning software using Google API supports efficient scheduling of surveyors/installers and reduced unnecessary travel.
Partial remote working	Admin and support activity can be performed remotely where operationally appropriate, reducing commuting and office energy demand.
Recycling and waste management	Scrap metal from removed boilers/cylinders is recycled where practical; packaging is segregated where facilities are available. Licensed waste carriers and approved disposal routes will be used.
Energy-efficient products and decarbonisation services	The company installs air source heat pumps, solar PV, EV chargers, ventilation systems and efficient heating/hot water measures.
Staff training	Staff training covers waste, travel, compliance, environmental responsibilities and sustainable working practices.
Supplier environmental checks	Supplier environmental credentials are considered where practical and will be strengthened through annual review.

7.2 Planned Future Measures

Action	Owner	Target date	KPI / evidence
Create a formal fleet list with vehicle type, fuel type, annual mileage and fuel consumption.	Operations Manager / Managing Director	2026/27	Vehicle register, MOT/service records, mileage and fuel logs

Introduce fuel card or monthly fuel receipt reporting for all company vehicles.	Finance / Operations	2026/27	Litres of diesel/petrol by vehicle and monthly tCO2e calculation
Review EV/hybrid replacement options for cars and vans as leases/vehicles come up for renewal.	Managing Director	From 2026	Fleet replacement plan and total vehicle emissions
Switch office electricity to a renewable tariff or obtain annual supplier evidence for renewable electricity where available.	Finance / Office Manager	2026/27	Electricity tariff certificate / bill evidence
Implement business travel reporting for rail, taxis, hotels, personal mileage and tender/site travel.	Finance / Administration	2026/27	Expense coding and annual travel report
Conduct an annual staff commuting survey.	HR / Office Manager	2026/27	Survey results by travel mode, distance and working pattern
Retain waste transfer notes, waste invoices and recycling evidence from licensed waste carriers.	Compliance / Operations	2026 onwards	Annual waste tonnage/recycling report
Request environmental and delivery data from key suppliers for boilers, heat pumps, solar PV, EV chargers, cylinders and ventilation products.	Procurement / Compliance	2026 onwards	Supplier questionnaire and delivery records
Reduce revisits through improved survey accuracy, installation checklists and record keeping.	Technical Manager / Retrofit Coordinator	Ongoing	Revisit rates, NCRs, customer handover records
Include carbon reporting in management review.	Managing Director	Annual	Approved annual CRP update

8. Installation Activity and Wider Decarbonisation Impact

Simple Green Energy Limited's core activities support the transition to lower-carbon homes and buildings. The following annual installation volumes were supplied for the 2025/26 reporting period. Avoided customer emissions are reported separately from the company's own operational footprint and are not used to offset the company's Scope 1, 2 or Scope 3 emissions.

Activity	Annual volume supplied
Air source heat pumps installed	156
Solar panel systems installed	60
EV chargers installed	40
Boiler replacements completed	84
Ventilation systems / fans installed	240
Case study: ECO4 with National Energy Foundation	High-priority case due to health-related vulnerabilities; EPC improvement from E-51 to C-76 reported.
Case study: EDF / Great British Insulation Scheme	Loft insulation delivery under GBIS.

9. Waste and Circular Resource Management

Simple Green Energy Limited removes old boilers, cylinders, packaging and associated installation materials from customer properties and sites. The company will use appropriate waste routes, licensed waste carriers and approved disposal routes, with recycling and segregation implemented where practical.

Waste stream	Management approach
Old boilers	Removed from customer properties and disposed of through appropriate waste routes. Metal components are segregated and recycled as scrap metal where practical.
Old hot water cylinders	Removed from site and recycled where possible, particularly where scrap metal recovery is available.
Packaging waste	Cardboard, plastic and recyclable packaging from boilers, heat pumps, solar panels, EV chargers, cylinders and ventilation products are segregated where practical.

Scrap metal	Recycled where practical through licensed waste or recycling providers.
Waste records	Waste transfer notes, invoices and supplier records should be retained and reviewed annually as evidence for carbon reporting and compliance.

10. Data Quality Improvement Plan

The 2025/26 CRP uses the best data currently available. To strengthen tender assurance, Simple Green Energy Limited will improve primary data collection during 2026/27 as follows:

Data gap	Current position	Improvement action
Fuel use	Vehicle list available but no fuel card reports and no detailed mileage records.	Introduce vehicle-by-vehicle mileage and fuel litre reporting.
Business travel	Receipts available but not consolidated by travel mode.	Code travel expenses by rail, taxi, hotel, personal car and tender/site visit.
Employee commuting	No staff commuting survey yet.	Complete annual survey covering mode, distance, frequency and remote working.
Waste	No waste transfer notes currently available for annual calculation.	Retain waste transfer notes, invoices and tonnage/recycling evidence.
Supplier deliveries	Supplier delivery records available but not carbon-calculated.	Request delivery data and environmental information from key suppliers.

11. Methodology, Assumptions and Limitations

This plan has been prepared using a practical SME approach based on activity data supplied by Simple Green Energy Limited. Conversion factors are based on the UK Government GHG Conversion Factors for Company Reporting 2025. Because not all primary activity data was available, some values are screening estimates or marked TBC and will be replaced by verified data in the next annual update.

Area	Assumption used
Electricity	8,000 kWh multiplied by a 2025 UK location-based grid electricity factor of approximately 0.207 kgCO ₂ e/kWh, producing 1.66 tCO ₂ e.
Company vehicles	63,900 miles across mixed petrol/diesel vans and cars. Fuel litres were not supplied, so a conservative blended mileage estimate has been used. This should be replaced by actual fuel litres or vehicle-specific mileage factors.
No gas/refrigerants/generators	Reported as nil based on questionnaire response.
Scope 3 categories	Required PPN categories are described and included in the data improvement plan. Quantification requires travel mode data, commute distances, waste tonnage and supplier logistics data.
Avoided customer emissions	Not counted against Simple Green Energy Limited's own footprint.

12. Declaration and Sign-Off

This Carbon Reduction Plan has been completed in accordance with PPN 006 and associated guidance and reporting standards for Carbon Reduction Plans, using the data available to Simple Green Energy Limited at the time of preparation.

The emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard, and use the appropriate Government emission conversion factors for greenhouse gas company reporting where applicable.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements where relevant, and the required subset of Scope 3 emissions has been considered in accordance with the published reporting standard for Carbon Reduction Plans.

This Carbon Reduction Plan has been reviewed and approved by the board of directors / senior management of Simple Green Energy Limited.

Signed on behalf of Simple Green Energy Limited	
Name	Kamaljit Singh
Job title	Director / Managing Director
Date of approval	[insert approval date]
Publication location	[insert website URL or state available on request]

Appendix A: Documents and Records Reviewed / Available

Document / evidence	Status / note
Electricity bills	Available
Gas bills	Not applicable
Fuel card reports	Not currently available
Vehicle list	Available
Mileage records	Not currently available
Staff commuting survey	Not currently available
Waste transfer notes	Not currently available
Supplier delivery records	Available
Business travel receipts	Available
Environmental Policy	Available
Accreditations / certifications	Available
Installation volume report	Available

Appendix B: Source References Used for Tender Alignment

1. GOV.UK, Procurement Policy Note 006: Taking account of Carbon Reduction Plans in the procurement of major government contracts, including the Technical Standard for Completion of Carbon Reduction Plans, updated 10 July 2025.
2. GOV.UK, Greenhouse gas reporting: conversion factors 2025, published 10 June 2025, Department for Energy Security and Net Zero.
3. Simple Green Energy Limited Environmental Policy, issue date 01/01/2026, review date 01/01/2027.
4. Simple Green Energy Limited uploaded accreditation evidence, including MCS, PAS 2030, CHAS, TrustMark, RECC, Gas Safe, NICEIC, ICO and QANW certificates.