



Carbon Reduction Plan

2024 - 2025

Supplier Name:	BSW Heating Limited
Publication Date:	15 th January 2024
Responsible Person:	Matt Belliere, Operations Director
Publication Review Date:	15 th January 2025

This template uses the [GOV.UK PPN 06/21](#) as its baseline model to ensure it remains in line with tender expectations with applicable Government bodies.

Commitment to achieving Net Zero

BSW Heating Limited is committed to achieving Net Zero emissions by 2035.

Baseline Emissions Footprint

Baseline Year:

2020

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions.

The Baseline emissions are based on BSW Heating Limited's ESOS Phase II report undertaken independently by 'Amber Energy Limited'.

These baseline emissions are the reference point against which BSW Heating's emissions reductions will be measured over time.

Additional Details relating to Baseline Emissions Calculations

BSW Heating Limited is a domestic and commercial installation, servicing and maintenance heating company that predominately services the social housing sector.

The registered address is 3 Old Barn Lane, Kenley, Surrey, CR8 5AT, which is the head office and the only building managed by the company.

The highest emissions by far relate to our use of diesel vehicles (95.4%), and this has been calculated using the following ratios: 9.7 kWh per litre of petrol and 10.6 kWh per litre of diesel.

Per the bounds of ESOS, any energy assessment should cover at least 90% of the total energy consumption, meaning that up to 10% of the total energy consumption could be excluded under 'de minimis energy consumption' and therefore doesn't need to be assessed.

In this particular instance, the decision by Amber Energy Limited was to assess 92.5% of the energy consumption, therefore the allowable De Minimis of up to 10% of the total, will be 7.5% in this case.

Baseline Year Emissions			
Emission Source	Scope	Measurement (kWh)	Location
Gas	2	28,375	Utility Bills
Electricity	2	180,576	Utility Bills
Company Cars Fuel & Employee Travel	1	4,301,889	Fuel receipts, mileage tracking, expense claims
Total Emissions		4,510,840	

Emissions Reductions Targets

To continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

- Given that our highest emissions by far relate to our use of diesel vehicles (95.4%), this is our priority - but not exclusive - area of focus (Scope 1).

Opportunities:

- With approximately 150 vehicles on the road, significant reduction in emissions can be achieved if we are to move away from traditional combustion engines.
- As such, we plan to convert our entire fleet to electric within the next 3 to 5 years and have started this journey by moving several company cars to electric vehicles.
- This has already been accompanied by increased electric charge point infrastructure being installed in the company car park.
- Improved electric technology and charging infrastructure is progressively making this step more viable, particularly in inner cities and built-up areas.

Threats:

- This will require a paradigm shift in engineer behaviour by ensuring that vehicles are consistently charged overnight to avoid productivity downtime during the working day.
- Electric charging infrastructure is scarcer outside of built-up areas, and this could lead to issues when top-up charging is required during the day in these more remote locations.
- At this point in time, the options are electric Light Goods Vehicles are limited based on current suppliers of electrical vehicles and associated models.

Other:

- Remote monitoring and reset facility of Commercial Plant rooms and Domestic boilers, reducing call outs, reducing mileage and emissions.
- Using our Dynamic work scheduling system, travel distances and emissions have been reduced by 6.3% by optimising work allocation and travel routes for each engineer over the last 6 months. We are tracking this closely to see if persists on a linear, sustained basis.
- Using our telematics system, Quartix, we track company vehicle driving behaviour and intervene through Driving Safely training sessions when travelling speed or acceleration/braking habits fall outside of normal parameters
- Using local merchants, we have been able to reduce total mileage for our engineers as well as our suppliers on a job-by-job basis, leading to less emissions.
- Our Head Office building energy requirements are supported by 42 Solar panels on the roof, and we intend to connect these to the wider electric charge point provision in the company car park.
- All sub-contractors and suppliers are checked regularly for Environmental Infringement notices.
- Fleet includes a large share of Peugeot's Blue HDi Eco

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2020 baseline.

Project	Scope 1, 2 or 3	Detail
Environmental Awareness & Accreditation	1	Maintain ISO 14001 and increase awareness of environmental initiatives & strategy across the workforce
Motor Fleet Strategy	1	Close collaboration with motor vehicle manufacturers to keep abreast with developments on electric vehicles
Flexible Working Initiative	1	Since the pandemic, staff have the ability to work from home 2 days/week, reducing commuting emissions
Building Utilities Review	2	Continual review of building utility suppliers to ensure we are using most environmentally conscious tariffs
Enhanced Recycling & Waste Programme	3	Optimising on-site recycling, minimising waste and working with supply chain to reduce packaging

Future Carbon Reduction Initiatives

In the future we hope to implement further measures such as:

Instructions: Briefly provide details of some of any likely/proposed future carbon reduction projects.

Project	Scope 1, 2 or 3	Detail	Target Date
Carbon Offsetting	1	Investigating ways to further offset carbon production, particularly in partnership with Clients and community groups	End 2025
Further Supply Chain Initiatives	3	We are lobbying our key suppliers to consider the move to more environmentally friendly ways of dispatching goods, through alternative vehicle fuels and reducing half-laden trips	End 2025

Declaration and Sign Off

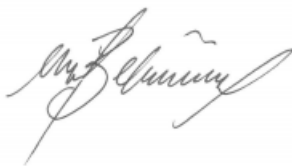
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard 1 and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed by:

A handwritten signature in black ink, appearing to read 'Matt Belliere', written over a white background.

Name:

Matt Belliere

Title:

Operations Director

Date:

15th January 2024