



Carbon Reduction Plan

Supplier name:GOS Heating Limited.

Publication date: ...September 2024.

Company Introduction and Context

GOS Heating Ltd is a heating and plumbing company based in Preston. They are a family-owned business and have been trading for over 50 years. They provide a range of services including plumbing, heating, electrical works and renewable technologies, to residential and commercial clients.

Commitment to achieving Net Zero

GOS Heating Limited is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

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. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2023	
Additional Details relating to the Baseline Emissions calculations.	
This carbon reduction plan is prepared in line with requirements of Procurement Policy Note PPN 6/21.	
Baseline year emissions: June 2023—May 2024	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	Direct emissions 132.53 <ul style="list-style-type: none">Company vehicles (Vans)
Scope 2	Indirect emissions 4.67 <ul style="list-style-type: none">Purchased electricity

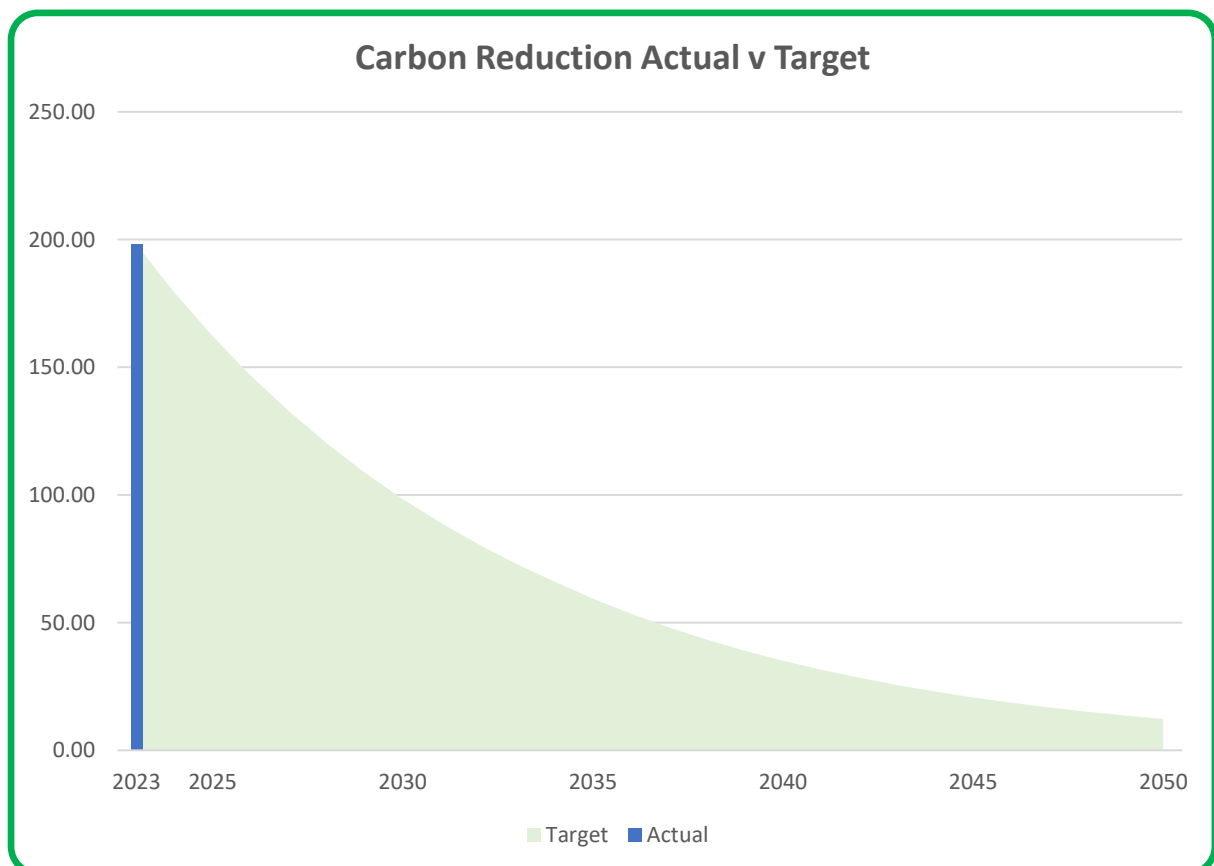
Scope 3 (Included Sources)	Other Indirect emissions 60.76 <ul style="list-style-type: none"> • Water supply and treatment • Waste generated and disposed • Staff commute
Total Emissions	197.97

Emissions reduction targets

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

We project that carbon emissions will decrease over the next five years to **98.43 tCO₂e** by **2030**. This is a reduction of **50%**

Progress against these targets can be seen in the graph below:



Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented for the 2023 baseline year. These include the following

- Solar PV
- Air Conditioning unit for heating and cooling – new
- LED Lighting in the offices and car park with sensors outside and in the washroom areas.

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

- Review the current maintenance arrangements are adequate and ensure that engineers working on AC and refrigeration units are suitably qualified to do so.
- Ensure staff understand not to have the windows open when the air con is in operation.
- Update staff inductions and toolbox talks to include Energy Efficiency and Carbon Management.
- Efficient resource management is a key aspect of sustainability. This involves minimising waste generation, optimising resource use, and recycling materials whenever possible. A waste and resources audit could be carried out to identify areas for improvement
- Reduce your transport emissions by sourcing materials locally and where possible consolidate supplies to reduce the number of journeys required.
- Setting sustainability targets for the business and regularly measuring your performance against them is a good way to motivate staff to follow green initiatives and boost your reputation as a responsible organisation.
- Explore installation of passive infrared sensors connected to lighting systems to ensure that they are on only when needed.
- Introduce a formal company-wide “switch off” campaign.
- Introduce Energy Efficiency and Carbon Management to staff inductions and refresher toolbox talks for existing members of staff.
- Commit to a carbon management policy and communicate to staff the aims and ambition of the policy and the role that they can play.
- Consider sensor taps or push taps and dual flush systems when upgrading the toilet facilities.
- Fix any leaking pipes, toilet system and taps.
- The company should check what happens to Waste Electrical and Electronic Equipment and ensure that it is being disposed of appropriately. You would need to check that the waste contractor is licenced to take these materials and retain paperwork for 3 years.
- The company would benefit from carrying out a strategic waste review, which would identify opportunities for further recycling.
- Ensure that COSHH waste materials are segregated as appropriate. If any of these are classified as hazardous waste and placed in a general/recycling skip the whole skip may be classed as hazardous and company will be charged accordingly.
- Review or develop a company business travel policy.
- Consider Driver Training to improve safety, skills and efficiency of company driving operations. Improving driver performance would make operations safer and more efficient, prolonging the life of company vehicles and providing economic value, environmentally and fiscally. Environmental driver training has the potential to reduce vehicle

fuel consumption and wear and tear. Environmental driving essentially covers the driver-controlled functions of operating a vehicle’s powertrain and support systems in a way that optimises fuel efficiency.

- Consider developing a Company-wide travel plan, including car share, bicycle storage, shower facilities, electric vehicle and electric bicycle charging points
- Encourage meetings to be held virtually where site visits are not necessary or mandatory.
- Consider introducing a cycle – to – work scheme depending on number of employees interested, reduction in emissions from travel and potential savings.
- Consider developing a companywide Travel Policy
- Consider introducing a carpooling scheme.
- Introduce a bike to work scheme.
- Consider installing shower and cycle storage facilities.
- Offer staff driver training.
- Consider developing a companywide Sustainable Procurement Policy
- Consider collating this information centrally in future in order that it can be incorporated into any future carbon footprint.
- Consider developing a companywide Sustainable Procurement Policy taking source location and transportation routes into account.
- Consider developing a companywide transportation and distribution strategy, considering alternative fuels, alternative modes of transport etc.

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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 on behalf of the Supplier:

.....

Date:
