

CARBON REDUCTION PLAN GUIDANCE

Carbon Reduction Plan

Supplier name: Akhter Computers Ltd

Publication date: March 2024

Commitment to achieving Net Zero

Akhter Computers Ltd 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: 2019	
Additional Details relating to the Baseline Emissions calculations.	
<i>The 2019 figure have formed our baseline figure based on our previous facility which had solar panels fitted to it and was considerably larger than our current premises. This building was lost to a fire in November 2020</i>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	20.77
Scope 2	20.93
Scope 3	
Business Mileage	0
Waste	0.52
Employee Commute	15.24
Upstream Freight	65.59
Downstream Freight	154.35

Total	220.46
Total Emissions	262.16

Current Emissions Reporting

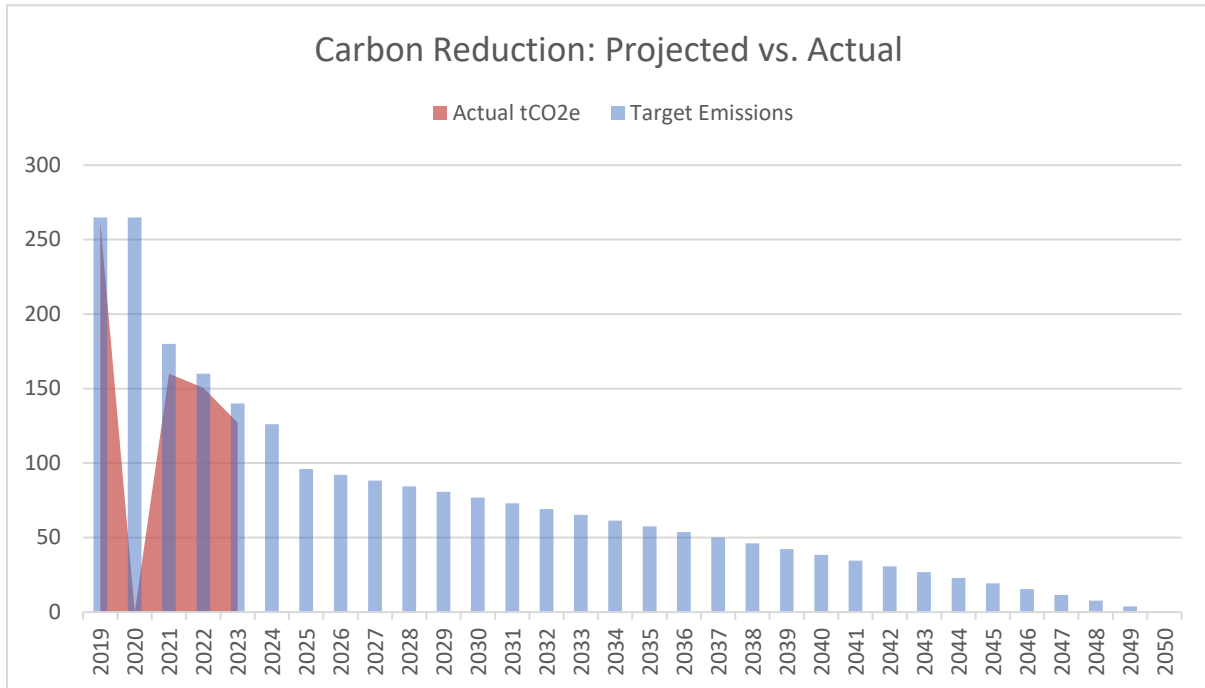
Reporting Year: 2023	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	16.1
Fleet Vehicles	10.652
Natural Gas	5.449
Scope 2	11.82
Electricity	
Water	
Scope 3	
Business Mileage	0
Waste	0.17
Employee Commute	15.27
Upstream Freight	64.05
Downstream Freight	19.68
Total	99.17
Total Emissions	127.1

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 88.32 tCO₂e by 2027. This is a reduction of 41%

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



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equate to 111.64 tCO₂e, a 42.6%ge reduction against the 2019 baseline and the measures will be in effect when performing the contract

As a company we are registered to ISO14001:2015, as part of objective programme we monitor our energy consumption and have already implemented the following carbon reduction initiatives:

- Replaced lighting with high efficiency LED lighting. This has led to a reduction in our energy consumption on lighting by 36%
- Installed air source heat pumps for heating/cooling of our office spaces
- Installed EV charging facility within our car park
- Started the electrification of our fleet, and encouraged employees to replace their vehicles with electric vehicles
- Implemented direct despatching of goods to remove double handling of goods through our warehouse. This has reduced our downstream freight emissions by 66%
- Moved 80% of our business meetings that would have required travel, to online video conferencing meetings (through Teams and Zoom)

In the future we are planning to implement further measures such as:

- A 120kW solar panel array will be installed on our current facility in 2025

- Building our new facility to replace the original one lost to fire in 2020. The new facility has a strategy to be completely carbon neutral and we are looking to occupy the facility in 2027
- Our entire company fleet will be replaced with electric vehicles by 2030
- Continue to move to direct dispatching of goods to reduce freight emissions incurred by double handling of goods through our warehouse.
- Incentivise employees to replace their vehicles with electric vehicles through use of salary sacrifice schemes and by providing more EV charging points at our new facility
- Provide dedicated and secure cycle parking facilities and implement a cycle to work scheme to encourage employees to use bicycles for their commute
- Continue to move more face-to-face meetings to online by increasing the number of our video conferencing suites at our new facility

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) Standard³.

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:



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Date: 14th March 2024.....

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³<https://ghgprotocol.org/standards/scope-3-standard>