

# net zero: Bucks

Energy Resilience Programme

# Carbon Emissions & Energy Resilience Report

Client: JSL Services Group Ltd

Date: 20<sup>th</sup> March 2023



**Prepared for:**

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[www.jslgroup.co.uk](http://www.jslgroup.co.uk)

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BUCKINGHAMSHIRE  
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## Background

- Buckinghamshire Business First (BBF) and Auditel are working in partnership to deliver the Net Zero Buckinghamshire Energy Resilience Programme to organisations within key areas of Buckinghamshire.
- The programme is funded by Buckinghamshire Council and the UK Government's Shared Prosperity Fund and aims to help businesses to become more resilient, tackle the energy crisis and to reduce business carbon emissions.
- BBF and Auditel have offered a free to user Carbon Audit & Energy Resilience report. The report uses the data provided to calculate current carbon emissions and gives recommendations on ways to reduce emissions and business costs.
- Auditel is a BSi (British Standards Institution) Associate Consultant business. the consultants working on the carbon aspect of the programme will be BSi Associate Consultants. All reports will be audited by one of these consultants, prior to being discussed with the client.
- We have been introduced to JSL Services Group Ltd who have asked us to conduct a report.
- There is no commitment on JSL Services Group Ltd, Old Post Office, Wycombe Road, Studley Green, HP14 3XA to engage with Auditel or its partners beyond the production of this report, however, we are happy to continue conversations as and when you may wish to.
- James Horwood of JSL Services Group Ltd has been most helpful in providing Auditel with the initial data and subsequent information on request, thank you.

## Data Collection

Following an initial conversation with JSL Services Group Ltd, the below data has been captured and will be analysed to produce the Carbon Audit & Energy Resilience report.

### Brief description of business – including sector:

JSL Services Group Ltd provide IT solutions, aiming to offer the best service and support across a range of business sectors. Established in 2003 their mission is to be an extension of businesses technical teams rather than an outside contractor, aiming to be with their customers long term and building a close and lasting relationship.

### Business location & general information details:

- How many premises – 1
- Owned/Rented/leased premises – Rented
- How many employees – 11
- Lighting used at premises – Halogen Strip lights throughout the office.

### • Type of heating at premises:

- The premises has Night Storage Heaters.
- Age of gas boiler – Not applicable.
- Date last serviced – Not applicable.

### • AHU/ACU installed in premises:

- Age of AHU/ACU – Not applicable.
- Date last serviced – Not applicable.
- F-Gas register – Not applicable.

### • Waste, Electricity, Gas, Water:

- Waste – Bills for 2022 provided.
- Electricity – Bills for July-November 2022 provided.
- Gas – No gas usage on premises, therefore no gas bills provided.
- Water – Information on monthly cost provided.

• **Company Vehicles. Business Travel, Employee Commuting:**

- **Company vehicles – Not applicable.**
- **Business travel – Data provided.**
- **Employee commuting – No information provided.**

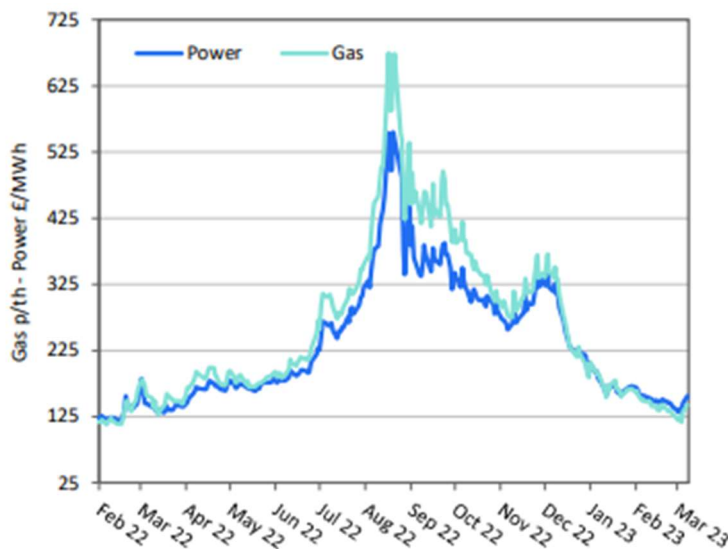
• **Upstream & Downstream Transport & Distribution:**

- **Upstream transport & distribution – No data provided.**
- **Downstream transport & distribution – No data provided.**

## Review of current energy supplies

- From data provided to this point and conversations with JSL Services Group Ltd we have established the following with regards to their energy supplies:
- The electricity supply for JSL Services Group Ltd is provided by Scottish Power, Contracts were renewed recently in September 2022 when we were seeing some of the highest levels in pricing. And your unit cost on your tariffs went from 15ppu (day) and 10pp (night) to a variable rate of 50ppu (day) and 40ppu (night) As you can see from the graph below, the market remains highly volatile however we have seen an overall drop in the pricing since its highest level in the summer months. We would recommend you consider locking into a fixed contract to secure your pricing and the ability to financially plan for the coming months.
- The EBRS discount scheme has been applied to the gas contract, however this scheme will come to an end 31/03/23 and a reduced number of businesses will receive a significant reduced discount as part of the EBDS scheme.  
<https://www.gov.uk/guidance/energy-bills-discount-scheme>
- Having viewed the Scottish Power bills and considering the current rates you have been paying since October 2022, we advise you should check with Scottish Power for your eligibility to receiving the EBRS discount.
- It is advised to submit regular meter readings to the supplier to ensure accurate billing.
- JSL Services Group Ltd advised there is no gas supply to the premises.

### POWER AND GAS YEAR APR 23



Source: Drax

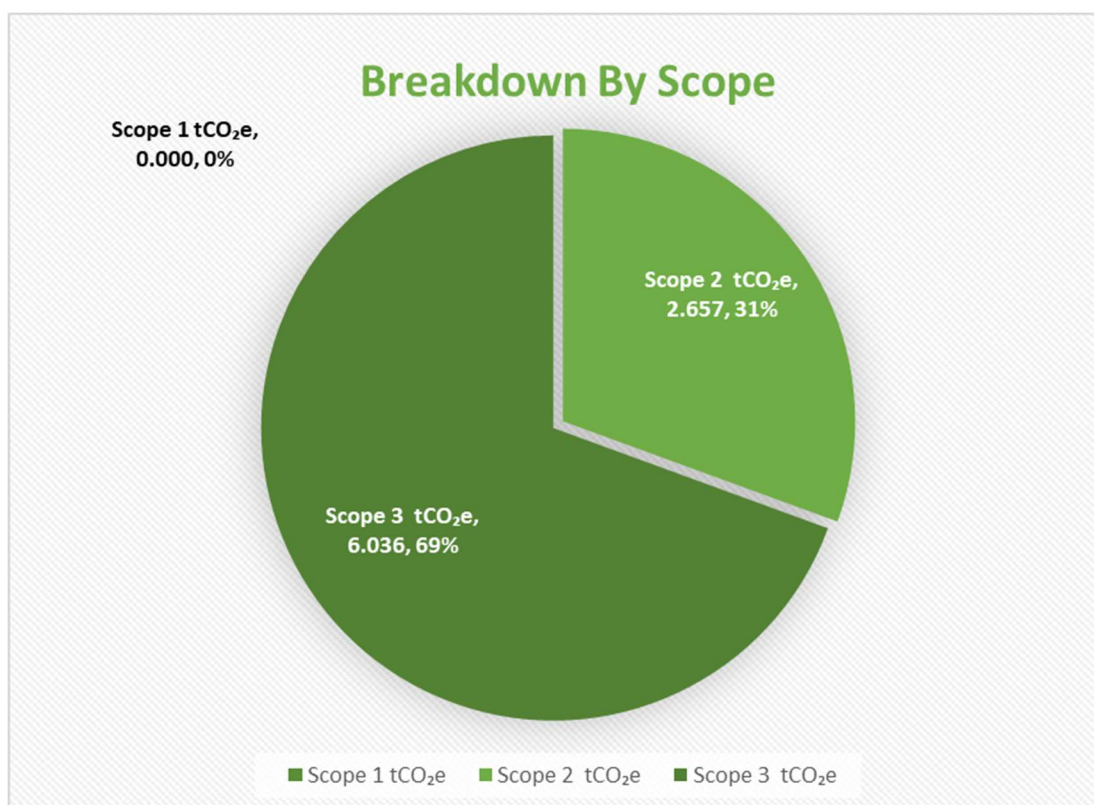
## Carbon Audit

The Greenhouse Gas Protocol (GHG) breaks emissions sources down into three categories or scopes. All Scope 1 and Scope 2 emissions, where data has been provided, will be reported in this report.

As detailed in the graph below, JSL Services Group Ltd, have zero Scope 1 emissions, this covers, Gas and Company Vehicles.

Scope 3 emissions can represent the majority of any organisation's carbon emissions. There are 15 categories of Scope 3 emissions defined by the GHG Protocol, some of these will apply to JSL Services Group Ltd.

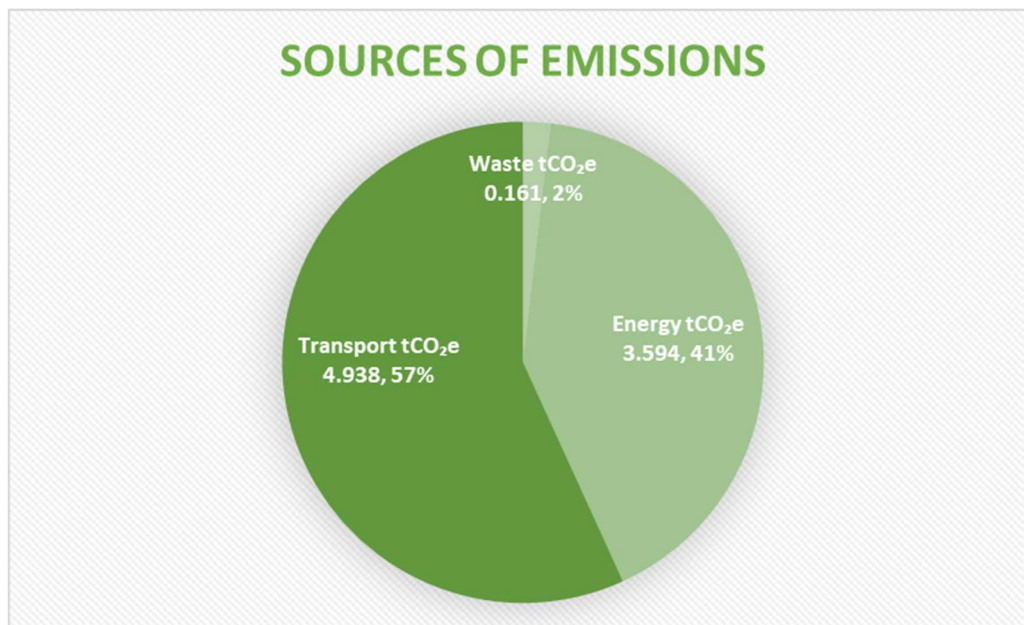
**Total – 8.693 tCO<sub>2</sub>e (tonnes of CO<sub>2</sub> equivalent)**



*Note: due to rounding, small differences may exist in the carbon audit figures*

# Carbon Emissions of JSL Services Group Ltd by business activity

The business activities are divided into sectors to visualise the key sources of emissions. For JSL Services Group Ltd, these are detailed in the chart below.



Energy	tCO <sub>2</sub> e
Grid Gas	Not applicable
Heating oil	Not applicable
LPG	Not applicable
Petrol	Not applicable
Diesel	Not applicable
Wood chips	Not applicable
District heating	Not applicable
Electricity	2.657
Heat pumps	Not applicable
Electricity and managed assets	Not applicable
Electricity transmission and losses	0.937
<b>TOTAL</b>	<b>3.594</b>

Products & Services	tCO <sub>2</sub> e
Working from home	Not applicable
Events	Not applicable
Water use	Not applicable
Products	Not applicable
Services	Not applicable
Hotel stays	Not applicable
Food and drinks	Not applicable
Refrigerants	Not applicable
<b>TOTAL</b>	<b>0.000</b>

Waste	tCO <sub>2</sub> e
General waste	0.161
Food waste	-
Recyclable waste	-
<b>TOTAL</b>	<b>0.161</b>

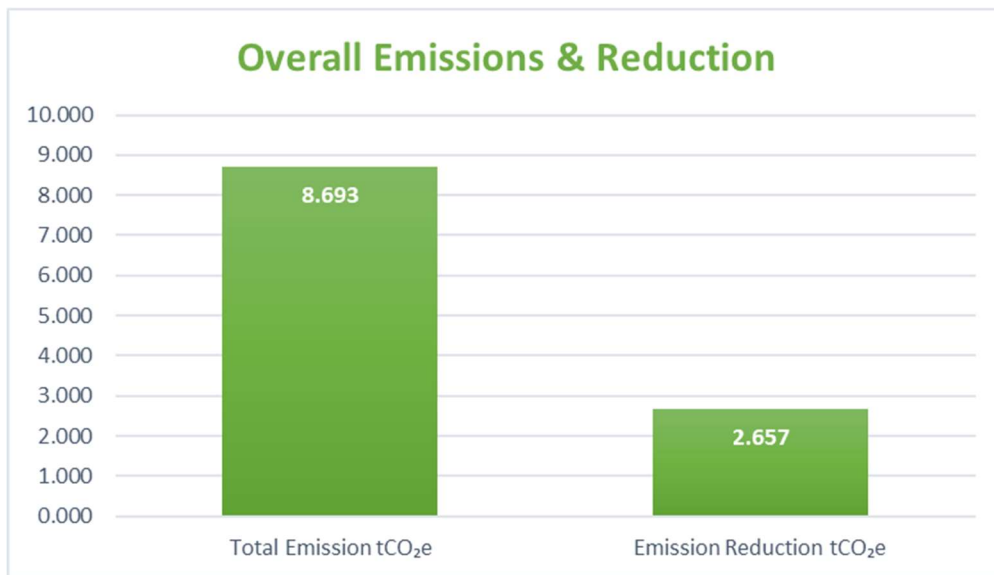
Transport	tCO <sub>2</sub> e
Electric vehicles	Not applicable
Electric vans	Not applicable
HGV	Not applicable
Diesel vehicles	Not applicable
Petrol vehicles	Not applicable
Hybrid vehicles	Not applicable
Petrol vans	Not applicable
Diesel vans	Not applicable
Land business travel	4.938
Air business travel	Not applicable
Employee commuting	Not applicable
EV transmission and losses	Not applicable
<b>TOTAL</b>	<b>4.938</b>

Note: data recorded in the tables do not account for all emissions created by the business. As such, these areas of activity can be considered in and undertaken in future calculations.

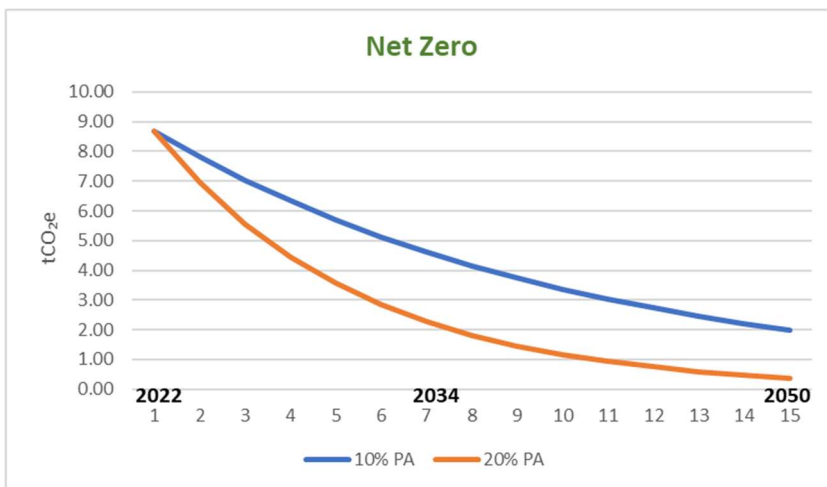
# JSL Services Group Ltd Carbon Reduction Plan

By measuring and reducing your business emissions, you can unlock business opportunities, such as:

- Save money – Identify which business activities use a lot of energy: reduce energy and resource use.
- Generate new business – Reduce costs to become more competitive and gain/retain customers. Use your sustainable actions to actively market your business.
- Meet the information demands of customers – Helps meet customer requests for information on greenhouse gas emissions, and how you are tackling yours. Now an increasingly important element of the procurement and tender process.



JSL Services Group Ltd are aiming to reduce 50% of its organisational carbon emissions by 2034. By implementing the recommended actions, JSL Services Group Ltd will be on track to become Net-Zero by 2050.



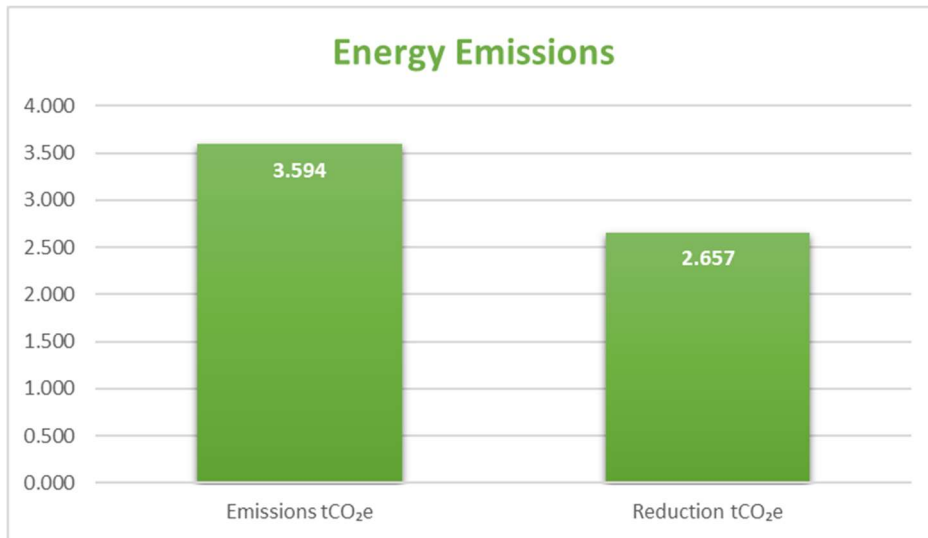
**Low efforts:** reducing 10% per year which halves absolute emissions every 7 years.

**High efforts:** 20% yearly reductions, halving emissions in 4 years.

**Projected trajectory:** 10% reduction, halving emissions every 7 years.



## JSL Services Group Ltd Carbon Reduction Plan



- We recommend that JSL Services Group Ltd consider moving across to green energy suppliers for electricity, several suppliers are available, including;

- [Opus Energy](#)
- [Ecotricity](#)
- [GEUK](#)

## JSL Services Group Ltd Carbon Reduction Suggestions

### Suggested Actions Transport:

- Private vehicle business mileage accounts for 4.938 tCO<sub>2</sub>e. It may be beneficial to investigate an EV Salary Sacrifice scheme for the high mileage travellers.

### Suggested Actions General:

- The scope of this report does not cover all the Scope 3 Categories and subsequently not all emissions sources are included in the figures. Consideration should be given to a wider audit that encompasses more of the relevant Scope 3 Categories, for example, their supply chain.

## Support Programmes & Grants

### #Net Zero Bucks

Further details about the support available for your business can be found on the Buckinghamshire Business First website. Visit [bbf.uk.com/net-zero-bucks](https://bbf.uk.com/net-zero-bucks)

### SME Climate Hub

The SME Climate Hub is a pioneering global initiative that aims to bring wider attention to the need for climate action and how cutting emissions can help businesses build resilience and grow. Visit [businessclimatehub.org](https://businessclimatehub.org)

### Low Carbon Workspaces

Low Carbon Workspaces help small to medium sized enterprises identify opportunities to reduce energy usage and provides grant funding to help pay for the installation of energy efficiency solutions in commercial premises.

Grants can fund projects that increase a business's energy efficiency, such as:

LED Lighting and controls, heat-pumps, and air-conditioning, smart heating and cooling controls, renewable energy technologies, double glazing, roof and wall insulation, voltage optimisation technology & energy efficient boilers.

Implementing measures such as these can have an immediate impact on a business's energy spend. Visit [lowcarbonworkspaces.co.uk](https://lowcarbonworkspaces.co.uk)

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Energy Resilience Programme

Visit: [bbf.uk.com/net-zero-bucks](http://bbf.uk.com/net-zero-bucks)

Call: 01494 927130




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