



Energy. Managed.

Streamlined Energy and Carbon Report (SECR)

Date: 30/04/2024

Prepared for: T.S.G. Building Services PLC

Version	1.0
Document Type	SECR Master Report

1 Document Control

Paper copies are valid only on the day they are printed. Contact the author if you are in any doubt about the accuracy of this document.

1.1 Revision History

Date	Version	Description	Author
29/04/2024	0.1	Initial	Sophie Legg
30/04/2024	1.0	Final	Sophie Legg

1.2 Contact Information

	Client	TEAM
Organisation	T.S.G. Building Services PLC	TEAM (Energy Auditing Agency Ltd.)
Address	TSG House, Cranbourne Industrial Estate Cranborne Road Potters Bar EN6 3JN	Energy Services Department, 3 Radian Court, Knowlhill, Milton Keynes MK5 8PJ
Telephone	01707 800 361	01908 950020
Email	rebecca.dewis@tsgplc.co.uk	esorders/teamenergy.com / slegg@teamenergy.com
Key Contacts	Rebecca Dewis	Sophie Legg

1.3 Quality Control

	Name	Role	Date
Prepared by:	Sophie Legg	Energy Services Analyst	29/04/2024
Proofread by:	Tracy Moore	Energy Service Delivery Manager	29/04/2024
Checked by:	Natalia Block	Analytics Consultant	29/04/2024

DISCLAIMER

Whilst reasonable steps have been taken to ensure that the information contained within this report are correct, you should be aware that the information contained within it may be incomplete, inaccurate or may have become out of date. Accordingly, TEAM (Energy Auditing Agency Ltd.) make no warranties or representations of any kind as to the content of this report or its accuracy and, to the maximum extent permitted by law, accept no liability whatsoever for the same including, without limit, for direct, indirect or consequential loss, business interruption, loss of profits, production, contracts, goodwill or anticipated savings. Any person making use of this report does so at their own risk [and it is recommended that they seek professional advice from their own adviser whenever appropriate].

Estimates of costs and savings are based on site observations, published case studies, technical references and professional experience. They should be regarded with caution, and recommendations are subject to detailed feasibility studies. Nothing in this report is intended to be or should be interpreted as an endorsement of, or recommendation for, any supplier, service or product.

Table of Contents

1	Document Control	2
1.1	Revision History	2
1.2	Contact Information	2
1.3	Quality Control	2
2	Summary.....	4
3	Scope of SECR for T.S.G. Building Services PLC	5
4	Methodology	6
5	Results	7
5.1	Energy Efficiency Actions.....	8
6	Recommendations	9
7	Appendix.....	10
7.1	Backing data.....	10
7.2	Assumptions made	10
7.3	Mandatory details required to be submitted on Annual Report.....	10

2 Summary

SECR (Streamlined Energy and Carbon Reporting) is a government reporting programme that came into force on 1 April 2019. It replaced the CRC Energy Efficiency Scheme, which closed at the end of the 2018-2019 compliance year.

Under changes introduced by the 2018 Regulations, large unquoted companies and large LLPs are obliged to report their UK energy use and associated greenhouse gas emissions as a minimum relating to gas, electricity and transport fuel, as well as an intensity ratio and information relating to energy efficiency action, through their annual reports.

Quoted companies of all sizes continue to be required to report their global greenhouse gas (GHG) emissions and an intensity ratio through their annual reports. Additionally, they are now required to report their total global energy use and information relating to energy efficiency action alongside the methodology used to calculate the new and existing disclosure requirements.

Who needs to report under SECR?

Under changes introduced by the 2013 and 2018 Regulations, quoted companies of any size that are required to prepare a Directors' Report under Part 15 of the Companies Act 2006, are required to disclose information relating to their energy use and GHG emissions.

Quoted companies in this respect are those whose equity share capital is officially listed on the main market of the London Stock Exchange; or is officially listed in an European Economic Area State; or is admitted to dealing on either the New York Stock Exchange or NASDAQ.

Large unquoted companies and large limited liability partnerships Under changes made by the 2018 Regulations, unquoted companies incorporated in the UK which are required to prepare a Directors' Report under Part 15 of the Companies Act 2006, and which are "large" (see below) are required to prepare and file energy and carbon information in their Directors' Reports. This applies to both registered companies and to unregistered companies which are required to prepare company accounts and reports.

Under the 2018 Regulations, LLPs which are "large" are also required to prepare and file energy and carbon information in their accounts and reports (in a new 'Energy and Carbon Report'). The definition of "large" is the same as applies in the existing framework for annual accounts and reports, based on sections 465 and 466 of the Companies Act 2006. The qualifying conditions are met by a company or LLP in a year in which it satisfies two or more of the following requirements:

- a) Turnover £36 million or more
- b) Balance sheet total £18 million or more
- c) Number of employees 250 or more

Based on our understanding of T.S.G. Building Services PLC, you meet the criteria for SECR.

Section 7.3 of this report provides you with the mandatory information to be included in your annual report to Companies House.

3 Scope of SECR for T.S.G. Building Services PLC

This SECR report will cover:

1. Scope 1 – All Direct Emissions from the activities of T.S.G. Building Services PLC or under their control. Including fuel combustion on site such as gas boilers, fleet vehicles and air-conditioning leaks.
2. Scope 2 – Indirect Emissions from electricity purchased and used by T.S.G. Building Services PLC. Also included are the generation or consumption of heat or steam. Emissions are created during the production of the energy and eventually used by T.S.G. Building Services PLC.
3. Scope 3 – Other indirect emissions, such as the extraction and production of purchased materials and fuels, transport-related activities in vehicles not owned or controlled by the reporting entity, electricity-related activities not covered in Scope 2, outsourced activities, waste disposal, etc.

Scope 1

- Natural Gas
- Company owned vehicles

Scope 2

- Building Electricity
- Electricity for Electric Vehicle (EV) Charging

Scope 3

- Employee owned vehicles

This SECR report will cover total CO₂e for T.S.G. Building Services PLC for the period 01/04/2023 – 31/12/2023. This matches their financial year and reporting period on end of year accounts on Companies House. The period is less than 12 months as a result of a change in financial year.

4 Methodology

TEAM were able to source data covering 01/04/2023 – 31/12/2023 from:

- Gas, Electricity and Vehicle mileage data received from Rebecca Dewis on 10/04/2024.
- Electricity for Electric Vehicle Charging received from Rebecca Dewis on 26/04/2024.

Using the most appropriate figures provided by The Department for Energy Security & Net Zero and The Department for Environment, Food and Rural Affairs (DEFRA), TEAM were able to convert the usable data into Tonnes of Carbon Dioxide equivalent (tonnes of CO₂e).

Next publication date:	10/06/2024	Factor set:	Full set
Version:	1.1	Year:	2023



In line with the aforementioned scope of the SECR report, the data from the sources listed above were categorised into Scope 1, Scope 2 and Scope 3 emissions.

As data for Electric Vehicle Charging Electricity was not available for the reference period, the total charging kWh from January - April 2024 was used to estimate using the average kWh charger per month and applying this across the 9 month reference period 01/04/2023 – 31/12/2023.

5 Results

TEAM have identified that between 01/04/2023 – 31/12/2023, T.S.G. Building Services PLC emitted 744.94 tonnes of CO₂e.

April - Dec 2023	Scope 1	Scope 2	Scope 3	Total
Tonnes of CO₂e.	720.25	8.52	16.17	744.94
Percentage	97%	1%	2%	100%

Table 1: Summary of results for reporting year

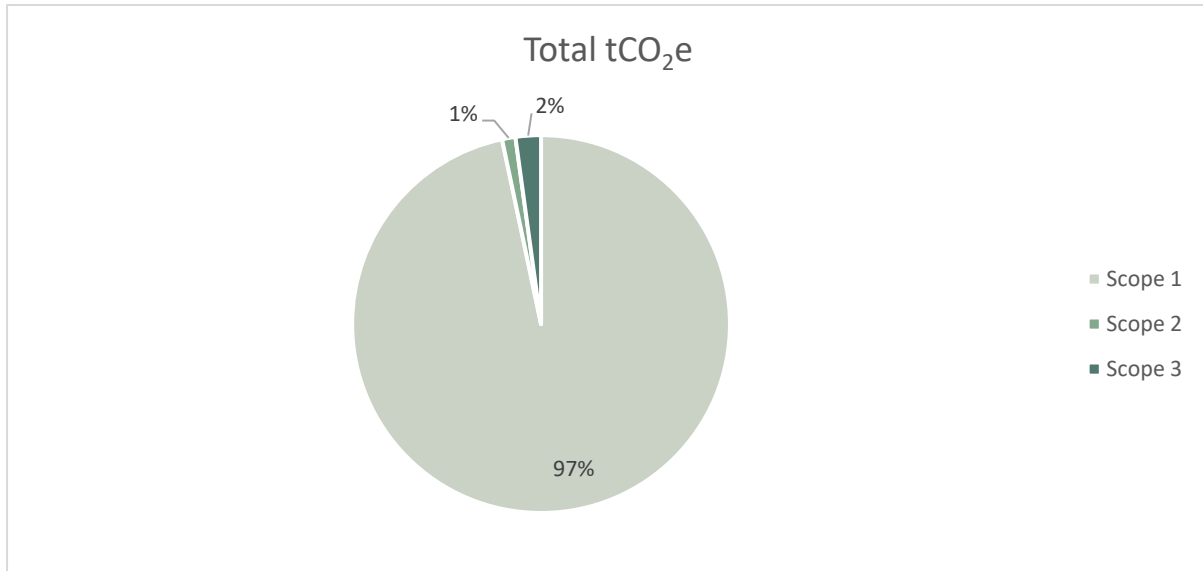


Figure 1: Total Emissions for April - Dec 2023, split by Scope.

The intensity measure variable that T.S.G. Building Services PLC is using for SECR is turnover. This is because it is an easily trackable measure with direct correlation to the emissions of T.S.G. Building Services PLC.

Therefore, our findings conclude that between 01/04/2023 – 31/12/2023, T.S.G. Building Services PLC emitted 1.64 tonnes of CO₂e per £100,000 turnover.

In the previous reporting period, T.S.G. Building Services PLC emitted 870.15 tonnes of CO₂e.

April 2022 – March 2023	Scope 1	Scope 2	Scope 3	Total
Tonnes of CO₂e	835.12	7.28	27.75	870.15
Percentage	96%	1%	3%	100%

Table 2: Summary of results for previous year

This therefore shows that T.S.G. Building Services PLC decreased their emissions by 125.21 tonnes of CO₂e between this reporting year and the previous reporting year. This is affected by the current reporting year being shorter due to the change in financial year.

Per £100,000 turnover, this represents an increase of 0.04 tonnes of CO₂e between this reporting year and the previous reporting year. This is normalised to accommodate the difference in length of reporting year, however may still be affected by this difference.

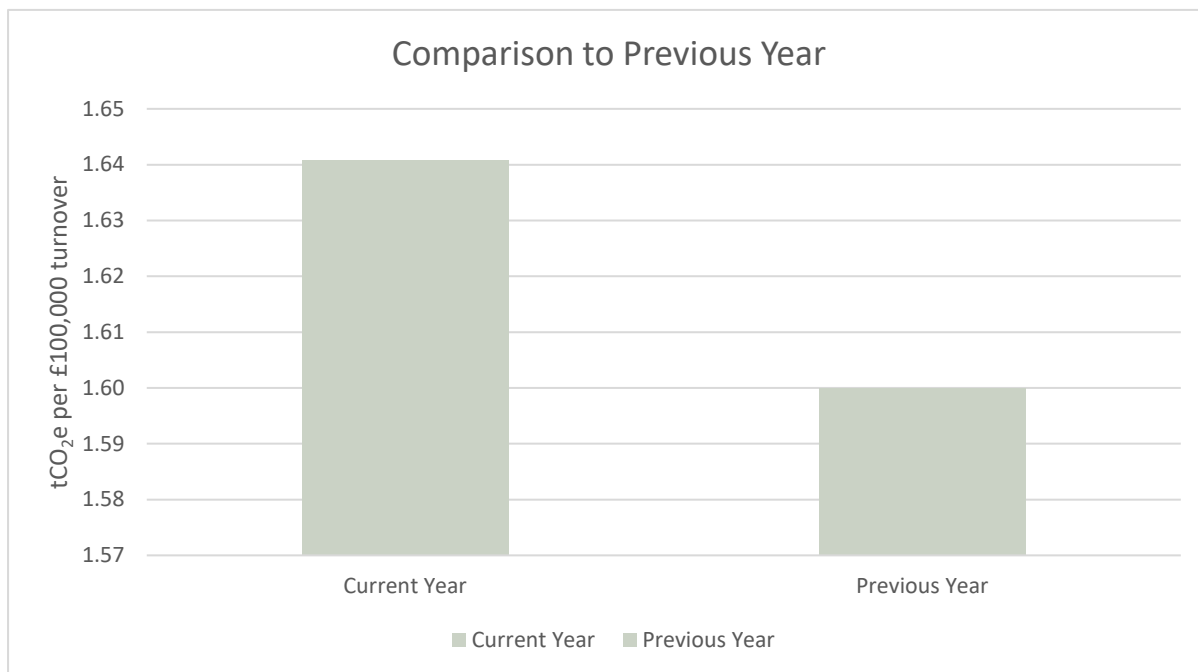


Figure 2: Comparison to previous reporting year of total emissions per £100,000 turnover.

5.1 Energy Efficiency Actions

Between 01/04/2023 and 31/12/2023, the principal energy efficiency actions taken by T.S.G. Building Services PLC were as follows:

- Switching a number of diesel vans for electric vans.
- Evaluation of energy efficient and correspondingly carbon reducing equipment, vehicles and plant throughout the organisation.
- Vehicle sharing and mileage reduction planning.
- Assessment and deliver of fuel-efficient vehicles.

6 Recommendations

TEAM recommend you continue to collect the data used in this SECR report on a monthly basis. This is to ensure you have the required data for the next submission in 12 months' time. By using the same data input methodology, it makes the data more meaningful as you would be comparing like for like results in the next SECR submission.

TEAM are able to work with you on a strategy for collating this data on a regular basis in order for the SECR report to be able to be compiled most efficiently for the next submission.

7 Appendix

7.1 Backing data

Scope	Commodity	Unit	Total (9 months)	Equivalent kWh	kgCO ₂ e	tCO ₂ e
Scope 1	Natural Gas	kWh	13,041.00	13,041.00	2,385.58	2.39
Scope 1	Average Van - Diesel	miles	1,928,510.50	2,842,123.06	717,866.79	717.87
Scope 2	Electricity	kWh	37,037.25	37,037.25	7,669.46	7.67
Scope 2	Electricity (EV Charging)	kWh	4,103.55	4,103.55	849.74	0.85
Scope 3	Average car - Unknown Fuel	miles	60,290.01	66,685.57	16,167.82	16.17

	Total kWh	Total kgCO ₂ e	Total tCO ₂ e
Scope 1	2,855,164.06	720,252.37	720.25
Scope 2	41,140.80	8,519.20	8.52
Scope 3	66,685.57	16,167.82	16.17
Total	2,962,990.43	744,939.39	744.94

7.2 Assumptions made

- All employee owned vehicles were assumed to be average cars with unknown fuel.

7.3 Mandatory details required to be submitted on Annual Report

Information Required	Current Reporting Year UK and offshore [mandatory]	Previous Reporting Year UK and offshore [mandatory]
Energy consumption used to calculate emissions: /kWh [mandatory]- optional to provide separate figures for gas, electricity, transport fuel and other energy sources (taken from 7.1 Backing data)	Scope 1 Gas: 13,041.0 kWh Scope 1 Company Vehicles: 2,842,123.1 kWh Scope 2 Electricity: 37,037.3 kWh Scope 2 Electricity for EV Charging: 4,103.6 kWh Scope 3 Employee Vehicles: 66,685.6 kWh Total: 2,962,990.4 kWh	Scope 1 Gas: 11,769.0 kWh Scope 1 Company Vehicles: 3,335,349.7 kWh Scope 2 Electricity: 37,637.0 kWh Scope 3 Employee Vehicles: 112,372.9 kWh Total: 3,497,128.6 kWh

Emissions from combustion of gas tCO ₂ e (Scope 1) (taken from 7.1 Backing data)	2.4 tCO ₂ e	2.1 tCO ₂ e
Emissions from business travel in company owned vehicles (Scope 1) (taken from 7.1 Backing data)	717.9 tCO ₂ e	833 tCO ₂ e
Emissions from purchased electricity (Scope 2, location-based) (taken from 7.1 Backing data)	7.7 tCO ₂ e	7.3 tCO ₂ e
Emissions from purchased electricity for Electric Vehicle Charging (Scope 2, taken from 7.1 Backing data)	0.9 tCO ₂ e	n/a
Emissions from business travel in rental cars or employee-owned vehicles where company is responsible for purchasing the fuel (Scope 3) (taken from 7.1 Backing data)	16.2 tCO ₂ e	27.8 tCO ₂ e
Total gross CO ₂ e based on above (taken from 7.1 Backing data)	745.0 tCO ₂ e	870.1 tCO ₂ e
Intensity ratio: tCO ₂ e gross figure based on mandatory fields above/ e.g. £100,000 revenue (taken from 5 Results)	1.64 tCO ₂ e per £100,000 turnover	1.6 tCO ₂ e per £100,000 turnover
Methodology (taken from 4 Methodology)	<p>TEAM were able to source data covering 01/04/2023 – 31/12/2023 from:</p> <ul style="list-style-type: none"> Gas, Electricity and Vehicle mileage data received from Rebecca Dewis on 10/04/2024. Electricity for Electric Vehicle Charging received from Rebecca Dewis on 26/04/2024. As data for Electric Vehicle Charging Electricity was not available for the reference period, the total charging kWh from Jan-April 2024 was used to estimate using the average kWh 	<p>Gas and Electricity consumption data, Organisation Mileage, and Employee transport data obtained from Rebecca Dewis of T.S.G. Building Services on 24/05/2023.</p>

	<p>charger per month and applying this across the 9 month reference period 01/04/2023 – 31/12/2023.</p> <ul style="list-style-type: none"> • 	
<p>Energy Efficient Actions taken (taken from 5.1 Energy Efficiency Actions)</p>	<ul style="list-style-type: none"> • Switching a number of diesel vans for electric vans. • Evaluation of energy efficient and correspondingly carbon reducing equipment, vehicles and plant throughout the organisation. • Vehicle sharing and mileage reduction planning. • Assessment and deliver of fuel-efficient vehicles. 	<p>N/A</p>