

# SECR REPORT

## STREAMLINED ENERGY & CARBON REPORTING STATEMENT

*Prepared for:*

**CAWLEYS**

*Document Date:*

**21 NOVEMBER 2023**

***Energise Ltd.***

8 Eaton Court  
Colmworth Business Park  
St Neots, PE19 8ER  
[info@energise.com](mailto:info@energise.com)





# CONTENTS

- 1. SECR STATEMENT ..... 1
- 2. SECR NOTES & EXCLUSIONS ..... 3
- 3. ENERGY EFFICIENCY ACTIONS ..... 4
- 4. APPENDIX ..... 5





# SECR STATEMENT

## STREAMLINED ENERGY & CARBON REPORTING TABLES

Emissions data in respect of the 2022-2023 reporting period, based on Operational Control is as follows. The sections below contain the information which should be included within your 2022-2023 Annual Report. Please note that you need to include the emissions, broken down by **Scope, the intensity ratio, the notes, the statement of exclusions and the energy efficiency action taken.**

### Scope Breakdown (Market-Based)

Emission Type	kWh	CO2e tonnes (Market-Based)
Scope 1: Combustion	16,434,315	3,925
<b>Total Scope 1</b>	<b>16,434,315</b>	<b>3,925</b>
Scope 2: Purchased Energy	948,218	0
<b>Total Scope 2</b>	<b>948,218</b>	<b>0</b>
Scope 3: Indirect Energy use	147,641	35
<b>Total Scope 3</b>	<b>147,641</b>	<b>35</b>
<b>Total</b>	<b>17,530,174</b>	<b>3,960</b>

### Scope Breakdown (Location-Based)

Emission Type	kWh	CO2e tonnes (Location-Based)
Scope 1: Combustion	16,434,315	3,925
<b>Total Scope 1</b>	<b>16,434,315</b>	<b>3,925</b>
Scope 2: Purchased Energy	948,218	197
<b>Total Scope 2</b>	<b>948,218</b>	<b>197</b>
Scope 3: Indirect Energy use	147,641	35
<b>Total Scope 3</b>	<b>147,641</b>	<b>35</b>
<b>Total</b>	<b>17,530,174</b>	<b>4,157</b>



**Greenhouse Gas Emissions Intensity Ratio (Market-Based)**

<b>Total Footprint (Scope 1, Scope 2 and Scope 3) (Market-Based) - CO<sub>2</sub>e tonnes</b>	
Tonnes of waste handled	117,196
Intensity Ratio (tCO <sub>2</sub> e / tonnes handled)	0.03379

**Greenhouse Gas Emissions Intensity Ratio (Location-Based)**

<b>Total Footprint (Scope 1, Scope 2 and Scope 3) (Location-Based) - CO<sub>2</sub>e tonnes</b>	
Tonnes of waste handled	117,196
Intensity Ratio (tCO <sub>2</sub> e / tonnes handled)	0.03547

**Dual Reporting Methodology**

<b>Emission Type</b>	<b>CO<sub>2</sub>e tonnes (Dual Reporting Methodology)</b>		
	<b>Location Based</b>	<b>Market Based (Supplier Specific)</b>	<b>Var. %</b>
Scope 1: Combustion	3,925	3,925	0%
<b>TOTAL Scope 1</b>	<b>3,925</b>	<b>3,925</b>	<b>0%</b>
Scope 2: Purchased Energy	197	0	-100%
<b>TOTAL Scope 2</b>	<b>197</b>	<b>0</b>	<b>-100%</b>
Scope 3: Indirect Energy use	35	35	0%
<b>TOTAL Scope 3</b>	<b>35</b>	<b>35</b>	<b>0%</b>
<b>Total</b>	<b>4,157</b>	<b>3,960</b>	<b>-4.75%</b>



# SECR NOTES & EXCLUSIONS

## NOTES

- Our methodology has been based on the principals of the Greenhouse Gas Protocol, taking account of the 2015 amendment which sets out a 'dual reporting' methodology for the reporting of Scope 2 emissions. In the 'Total Footprint' summary above, purchased electricity is reported according to both location- and market-based methods.
- We have reported on all the measured emissions sources required under The Companies Act 2006 (Strategic Report and Directors' Report) Regulations 2013 and The Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018, except where stated.
- The period of our report is 1<sup>st</sup> October 2022 – 30<sup>th</sup> September 2023.
- This includes limited emissions under Scope 1 and 2 (gas & fuel used in transport; purchased electricity), except where stated, and limited emissions under Scope 3 (fuel used in personal/hire cars for business purposes).
- Energy use and emissions figures relate to our UK operation (including offshore energy and emissions) only, except where stated.
- Conversion factors for UK electricity (location-based methodology), gas and other emissions are those published by the Department for Environment, Food and Rural Affairs for 2023.
- Conversion factors for UK electricity (market-based methodology) are provided by our electricity supplier, Drax, who supply us with REGO backed electricity (100% renewable).
- Some fleet data was available only in terms of fuel expenditure data. Given that fuel type was unknown, it was assumed that 37% of the fuel was diesel, and 63% petrol (in line with national fleet composition figures). Annual average fuel rates corresponding to the period of this report (164.6 p / litre for diesel and 150.5 p / litre for petrol) were used to convert this expenditure data into estimations of litres consumed, to which standard carbon factors were applied.

## EXCLUSIONS

No data has been excluded, all required information is disclosed.



## ENERGY EFFICIENCY ACTIONS

In the period covered by the report, Cawleys has engaged in a variety of energy efficiency and carbon reduction initiatives.

Our lithium battery processing division reprocesses and recycles EV batteries. The energy stored in the batteries is drained upon arrival and used to power the building and a portion of the recycling process. This can cover up to 20% of our energy demands in some months. We have also upgraded boilers used for central heating at both our Wellingborough and Covent Garden Close locations. The previous boilers were rated E in terms of energy efficiency, while the newly procured boilers are rated A. These boilers also include a weather compensation control feature, which allows for up to 25% further energy efficiency improvements. We have also transitioned the majority of lighting at our Covent Garden Close MRF and office to LEDs.

While these energy efficiency measures help to reduce our carbon footprint, we are also engaging in various measures to further reduce our impact in this area. We procure 100% renewable energy from Drax, which includes a mixture of bioenergy, wind, solar PV, and hydropower. In 2022, we transitioned our Park Avenue site away from reliance on a diesel generator, instead moving to renewable energy supplied by Drax. We offer an EV salary sacrifice scheme to our employees and facilitate uptake via the installation of charging points at our Covent Garden Close and Wellingborough locations.

# APPENDIX

## CARBON FACTORS

### Location-Based

Resource Type	Factor (tCO <sub>2</sub> e per unit)
Electricity (per kWh) - United Kingdom (2023)	0.000207074288591
Gas (Natural gas - from grid) (kWh) (2023)	0.000182929
Diesel (average biofuel blend) (Gross CV) (litres) (2023)	0.002512064
Cars (by size) - Average car – Unknown Fuel (miles) (2023)	0.000268167500671
Petrol (average biofuel blend) (litre) (2023)	0.002097473127517

### Market-Based

Resource Type	Factor (tCO <sub>2</sub> e per unit)
Drax Energy Solutions (per kWh)	0.0

### Conversion Factors

Resource Type	Factor
Diesel – litres to kWh	10.506
Petrol – litres to kWh	9.462
Average Car – Unknown Fuel – miles to kWh	1.10608



**Energise**

**THANK YOU FOR BEING  
A ZERO HERO.**

**Keep up the good work!**

