



Streamlined Energy & Carbon Report - Cleveland Cable Company Limited  
May-22 to Apr-23

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26/05/2023

# SECR Compliance Summary Report

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## ► WHAT DOES THIS REPORT CONTAIN

This report presents a narrative report for the Streamlined Energy and Carbon Reporting (SECR) requirement of Cleveland Cable Company Limited's UK operations as disclosed in the Directors annual report.

The final page of this report details the energy use and carbon emissions covering the 12 months covering May-22 to Apr-23 reflecting the financial year of Cleveland Cable Company Limited and includes;

- UK energy use and associated GHG emissions
- Carbon intensity ratio
- Previous year's figures for energy use and GHG emissions (where available)
- Energy efficiency action taken between May-22 to Apr-23
- Methodology for the energy use and carbon emissions calculations
- Emissions factors applied
- Exclusions

## ► WHAT IS SECR?

The SECR framework is a mandatory UK-wide energy and carbon reporting scheme, implemented to create a straightforward carbon reporting framework. SECR seeks to improve transparency and help reduce UK carbon emissions associated with business and industry.

Measurement and public disclosure of emissions can lead to an increased awareness of energy cost and carbon emissions and in turn improve the visibility of risks and opportunities through improvements to energy efficiency.

Companies that qualify must measure and report energy and GHG emissions annually within their financial accounts and reports. Organisations are encouraged that all information is aligned to financial years, to aid comparability and consistency of information across reports and organisations.

## ► WHY CALCULATE A CARBON FOOTPRINT?

As a first step towards managing and reducing GHG emissions, an organisation needs to understand which business activities generate GHG emissions and the magnitude of the generated emissions.

A carbon footprint provides a quantitative assessment of the GHG emissions arising from an organisation's business activities. Once a carbon footprint has been created, an organisation can begin identifying areas with the greatest potential for emission reductions.

# SECR Guidance

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## ► QUALIFICATION

SECR affects:

- Quoted companies;
- Large unquoted companies;
- Large Limited Liability Partnerships (LLPs)

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 an '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:

- Turnover £36 million or more
- Balance sheet total £18 million or more
- Number of employees 250 or more.

## ► EMISSIONS SOURCES

The footprint includes the 'Scope 1' (e.g. combustion of fuel, fugitive and process emissions) and 'Scope 2' (electricity) emissions associated with the activities for which Cleveland Cable Company Limited are responsible. For the purposes of the report only 'Scope 1' (Direct) and 'Scope 2' (Indirect) emissions sources are required.

## ► METHODOLOGY

The footprint is calculated in accordance with the Greenhouse Gas (GHG) Protocol and Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance. Activity data has been converted into carbon emissions using published emissions factors. The data used has been provided by Cleveland Cable Company Limited.

## ► EMISSIONS FACTORS APPLIED

A wide range of published carbon emission factors are publicly available. DEFRA emission factors have been used for all emission sources as this provides the most comprehensive list of factors available. They allow an activity to be converted into tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e). Market based emissions factors have been taken from each of Cleveland Cable Company Limited's relevant suppliers.

# Summary

Cleveland Cable Company's natural gas emissions follow a clear seasonality trend with lower emissions emitted in summer months compared to the winter period. It is worth noting that the April-23 consumption has decreased in comparison to Mar-23, this is partially attributed to the fact that your Glasgow site is undergoing building works meaning that 0kWh of gas were used in this time. Overall your natural gas consumption has decreased by 5% compared to the same period in 2021-22.

Despite the decrease in natural gas emissions, your overall Scope 1 emissions (natural gas, direct transport and LPG) were 3612 tCO2e, this is a 1% increase in comparison to last year. This is due to an 8% increase in transport consumption. Whereas your Scope 2 emissions (electricity) decreased by 9% from last year to 315 tCO2e.

Your intensity ratio has been calculated by dividing your overall emissions by the number of cut counts (thousands). The calculated figure for 2022-23 is 6.89, this has decreased by 12% compared to 2021-22 from 7.81 tCO2e/ cut counts in thousands. This is great to see as this means you are releasing less emissions per cut (in thousands).

## ► CARBON PERFORMANCE

	kWh Energy Consumed YTD				tCO2e Emitted YTD			
	Electricity	Natural Gas	Transport	Total	Scope 1	Scope 2 (LB)	Scope 3	Scope 1+2
2022-2023	1,629,838	780,419	13,675,367	16,885,596	3,612	315	-	3,927
2021-2022	1,630,697	824,703	12,644,046	16,901,198	3,575	346	-	3,921

## ► INTENSITY RATIO PERFORMANCE

	Total tCO2e	Intensity Metric	Intensity Ratio
2022-2023	3,926.74	569.79	6.89
2021-2022	3,920.96	502.12	7.81

► INTENSITY RATIO USED: **tCO2e/cut counts in**

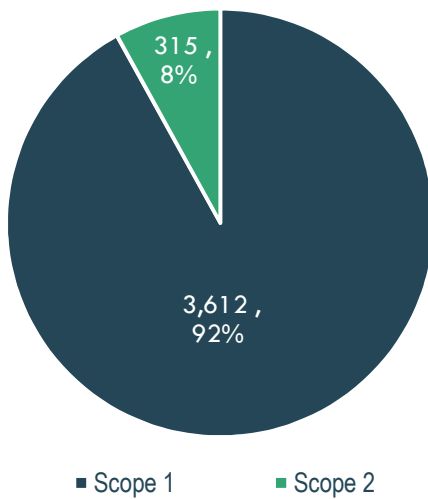
## Annual Energy Efficiency Statement

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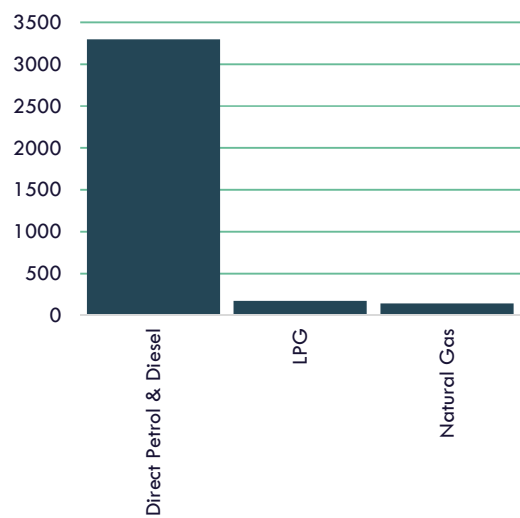
We as a company are always looking at way to improve our efficiency when it comes to energy from looking at the our lighting with the offices and within our warehouses. We record and monitor our energy to see where we have any increases which we then investigate. We have carried out ESOS 1 and 2 and are currently working toward 3 next year. We look at the recommendation and possible solution for the long term. We are always trying to reduce our waste usage and look at efficient way to achieve this. During the last 12 months we have carried out energy improvement with Solar completed in Middlesbrough with our next project at our London Branch undergoing DNO approvals and have maintained our usage even through our workload has increased in several areas. We have increase our fleet with electric cars and vans. We are looking at improvement over the next 12 months including renewable energy such as Solar at other depots.

## Cleveland Cable Company Limited - Dashboard

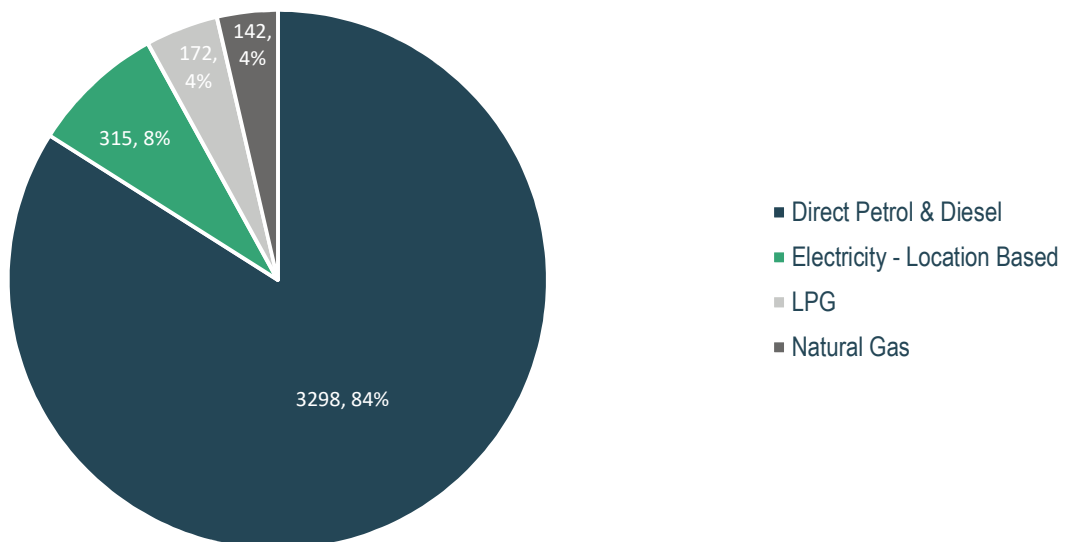
Breakdown of Emissions by Scope  
(tCO2e - Location Based)



Scope 1 (tCO2e)



Emissions Source (tCO2e)



## Total Emissions Performance (tCO2e)

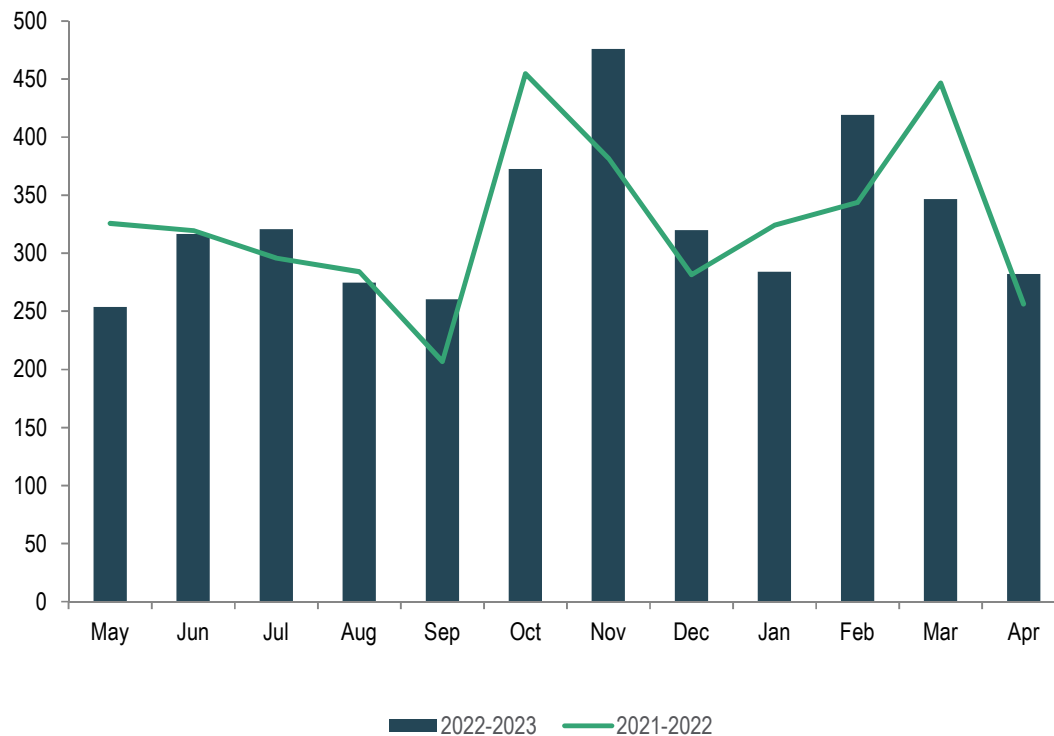
This section of the report details Cleveland Cable Company Limited's overall SECR May-22 to Apr-23 performance. The carbon emission figures for May-22 to Apr-23 have been derived using the most recently published DEFRA GHG emission factors as specified by the Environment Agency.

EIC have collated energy invoices from May-22 to Apr-23 and consumption data has been fed into the reporting tool. The total location based emissions are expressed in tCO2e: tonnes of Carbon Dioxide equivalent, as this provides a common unit for reporting all types of energy and carbon use.

The graph below displays the monthly core emissions in 2022-2023 against 2021-2022.

From May-22 to Apr-23 the total emissions were 3,927 tCO2e and it has been calculated that 2022-2023 emissions are 0.10% higher than those in the same period in 2021-2022.

2022-2023 tCO2e compared to 2021-2022 tCO2e



## Energy Performance - Electricity (kWh)

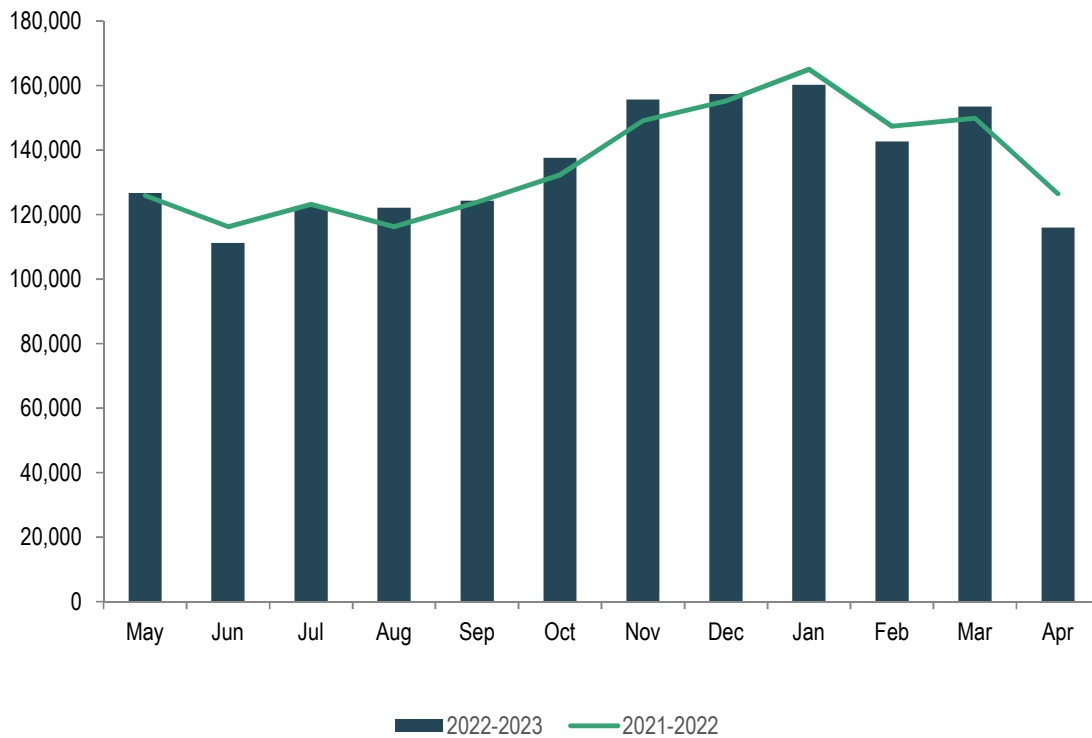
This section of the report details Cleveland Cable Company Limited's electricity 2022-2023 usage in SECR. This also includes the appropriate records of any electricity generated by Cleveland Cable Company Limited.

EIC have collated electricity invoices from May-22 to Apr-23 and consumption data has been fed into the reporting tool. The total location based energy consumption is expressed in kWh: kilowatt hours, as this is the unit specified by SECR legislation.

The graph below displays the monthly total electricity usage by Cleveland Cable Company Limited in 2022-2023 against 2021-2022.

From May-22 to Apr-23 the total electricity consumption was 1,629,838 kWh and it has been calculated that 2022-2023 electricity consumption is 0.10% lower than those in the same period in 2021-2022.

2022-2023 kWh compared to 2021-2022 kWh





## Energy Performance - Natural Gas (kWh)

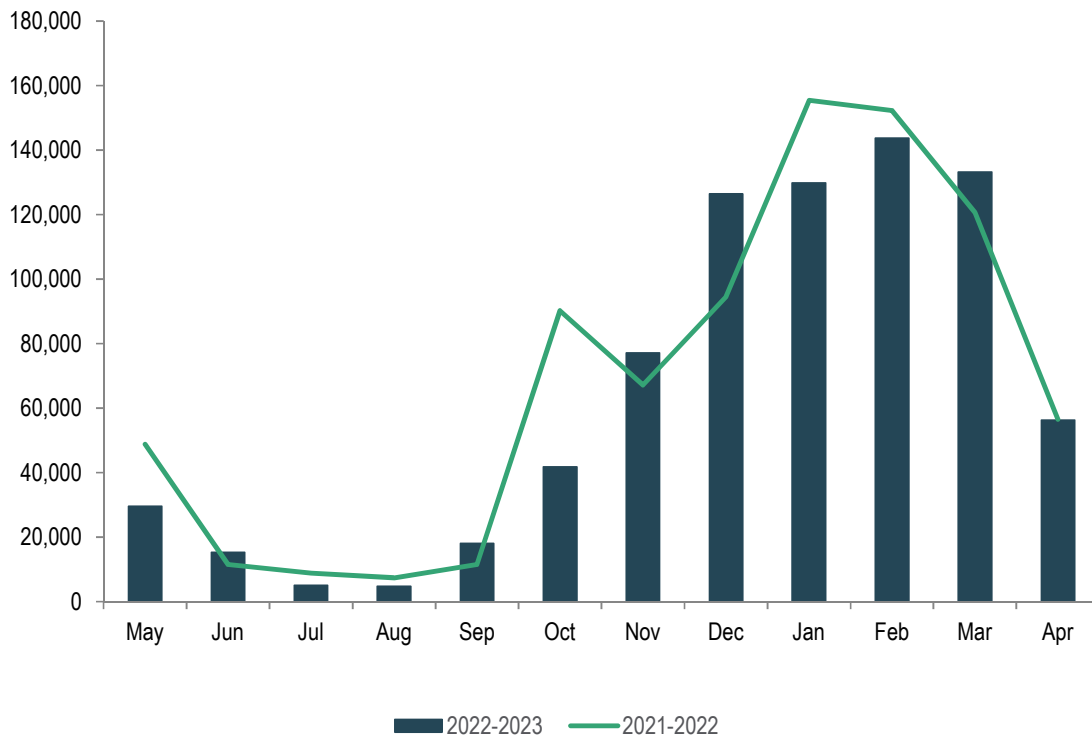
This section of the report details Cleveland Cable Company Limited's natural gas 2022-2023 usage in SECR.

EIC have collated natural gas invoices from May-22 to Apr-23 and consumption data has been fed into the reporting tool. The total emissions energy consumption is expressed in kWh: kilowatt hours, as this is the unit specified by SECR legislation.

The graph below displays the monthly total natural gas usage by Cleveland Cable Company Limited in 2022-2023 against 2021-2022.

From May-22 to Apr-23 the total natural gas consumption was 780,419 kWh and it has been calculated that 2022-2023 natural gas consumption is 5% lower than those in the same period in 2021-2022.

2022-2023 kWh compared to 2021-2022 kWh



## Energy Performance - Direct Transport (kWh)

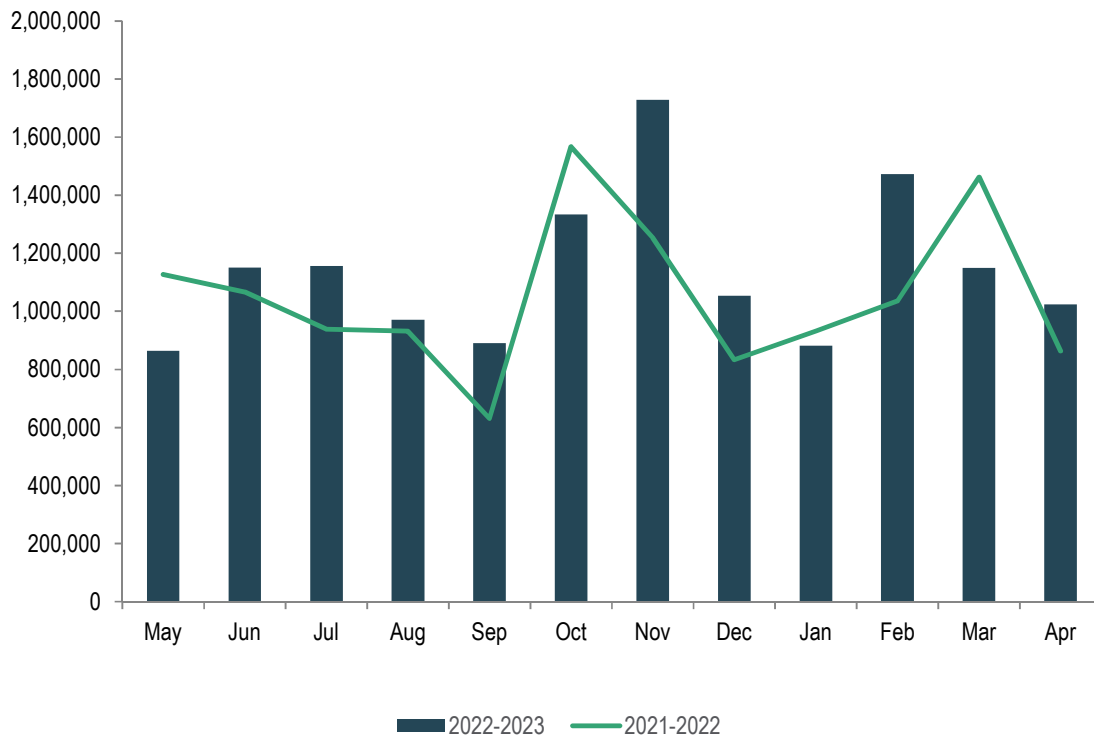
This section of the report details Cleveland Cable Company Limited's transport 2022-2023 usage in SECR. This comprises the total direct transport energy consumption of Cleveland Cable Company Limited, whether submitted to EIC in litres or miles.

EIC have collated direct transport energy consumption from May-22 to Apr-23 and this has been fed into the reporting tool. The direct transport energy consumption is expressed in kWh: kilowatt hours, as this is the unit specified by SECR legislation.

The graph below displays the monthly direct transport energy consumption by Cleveland Cable Company Limited in 2022-2023 against 2021-2022.

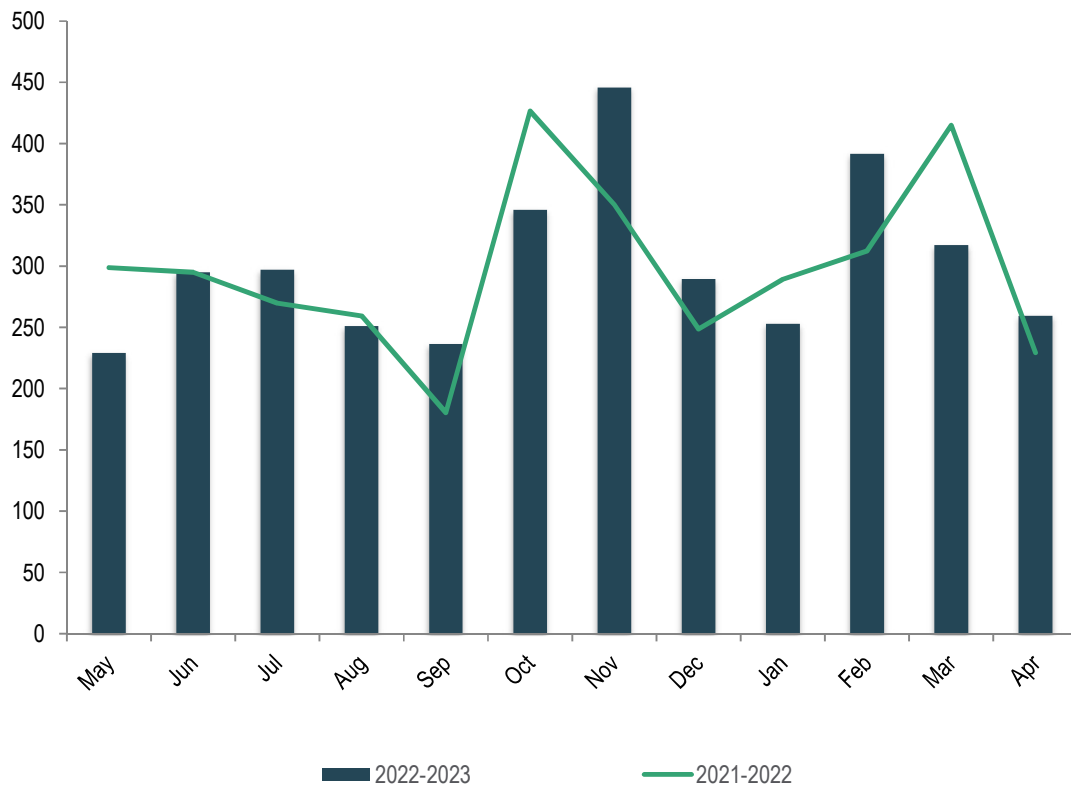
From May-22 to Apr-23 the total direct transport consumption was 13,675,367 kWh and it has been calculated that 2022-2023 transport energy consumption is 8% higher than those in the same period in 2021-2022.

2022-2023 kWh compared to 2021-2022 kWh



## Scope 1 - Emissions Performance (tCO2e)

Scope 1 2022-2023 tCO2e compared to 2021-2022 tCO2e



This section of the report details Cleveland Cable Company Limited's Scope 1 2022-2023 emissions in SECR. This primarily comprises the emissions associated with the combustion of fuels by Cleveland Cable Company Limited, as well as additional emissions sources such as LPG.

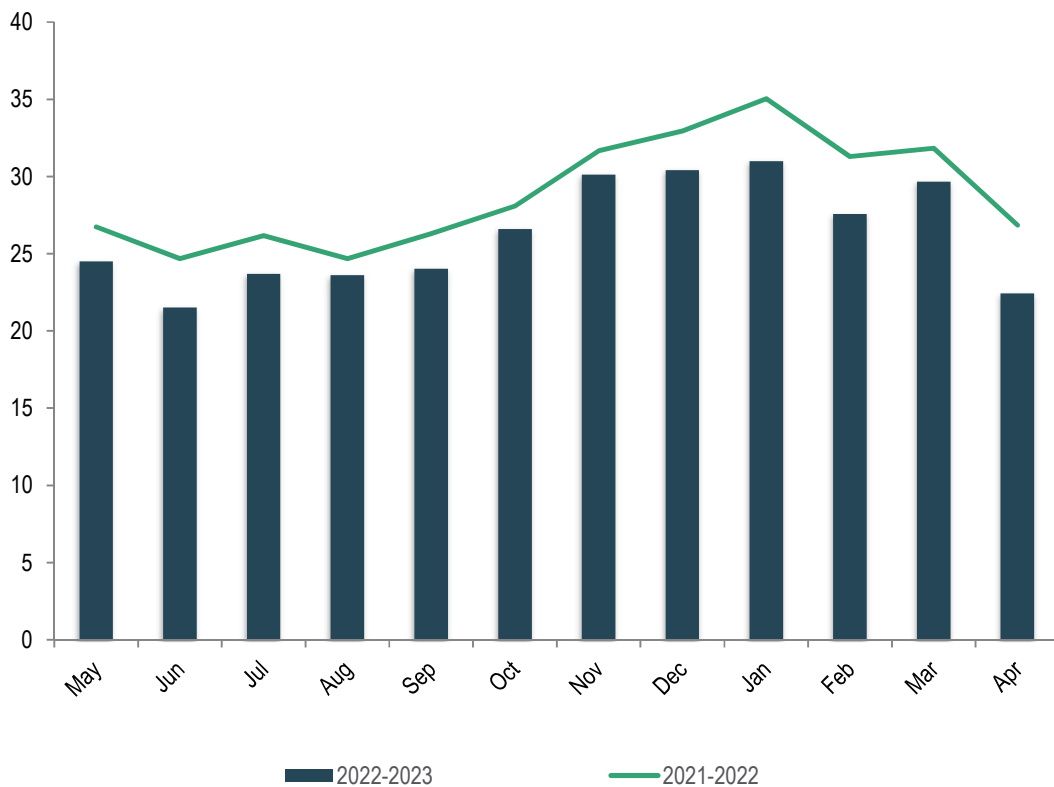
EIC have collated Scope 1 emissions from May-22 to Apr-23 and this has been fed into the reporting tool. The Scope 1 emissions are expressed in tCO2e: tonnes of Carbon Dioxide equivalent, as this provides a common unit for reporting all types of energy and carbon use.

The graph above displays the Scope 1 emissions by Cleveland Cable Company Limited in 2022-2023 against 2021-2022.

From May-22 to Apr-23 the Scope 1 emissions were 3,612 tCO2e and it has been calculated that 2022-2023 emissions were 1% higher than those in the same period in 2021-2022.

## Scope 2 - Emissions Performance (tCO2e)

Scope 2 2022-2023 tCO2e compared to 2021-2022 tCO2e



This section of the report details Cleveland Cable Company Limited's Scope 2 2022-2023 emissions in SECR. This primarily comprises the emissions associated with the electricity consumption of Cleveland Cable Company Limited, as well as emissions associated with any generated electricity.

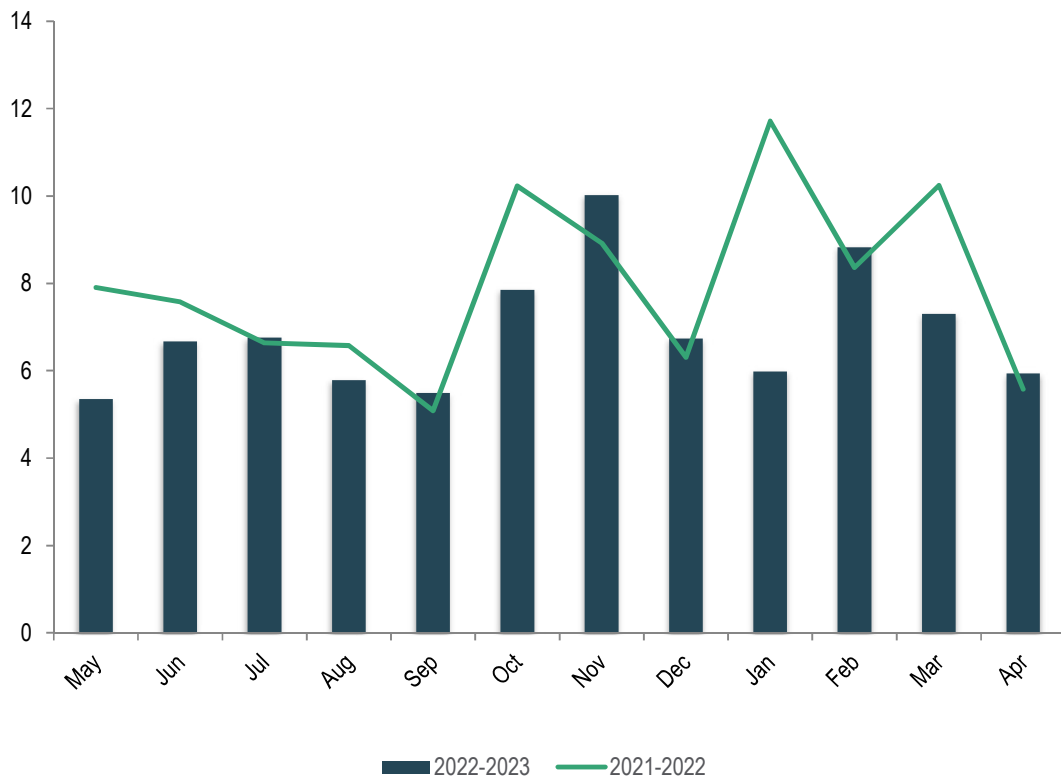
EIC have collated Scope 2 emissions from May-22 to Apr-23 and this has been fed into the reporting tool. The Scope 2 emissions are expressed in tCO2e: tonnes of Carbon Dioxide equivalent, as this provides a common unit for reporting all types of energy and carbon use.

The graph above displays the Scope 2 emissions by Cleveland Cable Company Limited in 2022-2023 against 2021-2022.

From May-22 to Apr-23 the Scope 2 emissions were 315 tCO2e and it has been calculated that 2022-2023 emissions were 9% lower than those in the same period in 2021-2022.

## Intensity Ratio - Cleveland Cable Company Limited

Intensity Ratio 2022-2023 compared to 2021-2022 - tCO<sub>2</sub>e/cut counts in thousands



This section of the report details Cleveland Cable Company Limited's 2022-2023 SECR Intensity Ratio. This is comprised of all emissions associated with the operating activities of Cleveland Cable Company Limited, divided by cut counts. The Intensity Ratio constitutes a simple measure of energy efficiency, as opposed to total energy or emissions.

EIC have collated emissions data from May-22 to Apr-23 and this has been fed into the reporting tool alongside Cleveland Cable Company Limited's cut counts information.

The graph above displays the Intensity Ratio of Cleveland Cable Company Limited in 2022-2023 against 2021-2022.

From May-22 to Apr-23 the Intensity Ratio was 6.9 and it has been calculated that the ratio in 2022-2023 was 12% lower than that in the same period in 2021-2022.

## Summary / Next Steps

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### ► SCOPE OF EMISSIONS INCLUDED IN THE REPORT

Electricity

Natural Gas

LPG

Direct Diesel

Direct Petrol

### ► METHODOLOGY

This report is aligned with the GHG Protocol methodology.

The GHG Protocol establishes comprehensive global standardised frameworks to measure and manage greenhouse gas (GHG) emissions from private and public sector operations, value chains and mitigation actions. The framework has been in use since 2001, and forms a recognised structured format, to calculate a carbon footprint.

### ► EXCLUSIONS

A few days at the end of April 2023 for Glasgow electricity and Milton Keynes gas have been estimated as the invoices are unavailable for this period.

### ► EMISSIONS FACTORS APPLIED

DEFRA 2022