



GS OPERATING, LLC

2024 Carbon Accounting Report

Greenhouse gas inventory and climate disclosures prepared in accordance with the GHG Protocol, ISO 14064-1, and ESRS E1 - Climate Change.

PREPARED BY



Introduction

This Carbon Accounting Report provides a transparent and comprehensive overview of the organization's greenhouse gas (GHG) emissions and constitutes a core element of the company's climate governance, strategy, and transition planning. It has been prepared in accordance with the European Sustainability Reporting Standards (ESRS), in particular ESRS E1 - Climate Change, and supports compliance with the Corporate Sustainability Reporting Directive (CSRD).

This document consolidates ESRS-aligned climate disclosures tailored to a Supply Chain Distribution & Solutions organization, suitable for CSRD compliance, CDP reporting, and SBTi submissions. The disclosures are structured to support third-party assurance under both limited and reasonable assurance engagements.

As a provider of distribution, logistics, and supply chain solutions, the organization recognizes that its climate impacts arise from its own operations, such as facilities, vehicle fleets, and energy use, and from its broader value chain, including upstream suppliers, transportation partners, and customer logistics activities. The purpose of this report is to identify and quantify material GHG emission sources across these activities, assess performance against climate-related objectives, and support informed decision-making related to climate change mitigation.

Climate Transition Planning (ESRS-informed)

The emissions inventory serves as a key input into the organization's climate transition plan by enabling the prioritization of decarbonization levers relevant to the sector: energy efficiency in warehouses and distribution centers, fleet electrification or alternative fuels, optimization of transport routes and load factors, procurement of renewable electricity, and engagement with suppliers and customers.

The report is prepared annually to ensure consistency, comparability over time, and alignment with internal performance management systems. It supports the monitoring of climate-related KPIs and progress against emission reduction targets and transition milestones. GHG emissions are calculated using activity data collected from internal operational systems and relevant external sources and are expressed as tonnes of carbon dioxide equivalent (tCO₂e), following the GHG Protocol Corporate Standard and aligned with ISO 14064-1.

Data & Assurance

Data Governance

Activity data is sourced primarily from internal operational systems, including energy consumption records, fuel usage data, fleet information, and logistics throughput metrics. Where primary activity data is unavailable, recognized estimation methodologies are applied using conservative assumptions and internationally recognized emission factors. Data gaps and methodological limitations are documented and reviewed annually.

Data governance processes include documented methodologies, internal controls, management review procedures, and version control of calculation models, designed to support transparency, reproducibility, and audit-ability of emissions data.



Management Responsibility & Assurance

Management is responsible for the preparation and fair presentation of this Carbon Accounting Report in accordance with ESRS and CSRD requirements, including the design, implementation, and maintenance of internal controls relevant to sustainability information. The reported information is subject to mandatory third-party assurance in accordance with Article 34 of the Corporate Sustainability Reporting Directive initially at a limited assurance level, with a progressive transition towards reasonable assurance as reporting systems and controls mature.

STANDARD

GHG Protocol

Corporate Standard · ISO 14064-1



FRAMEWORK

ESRS E1 · CSRD

Climate Change disclosures



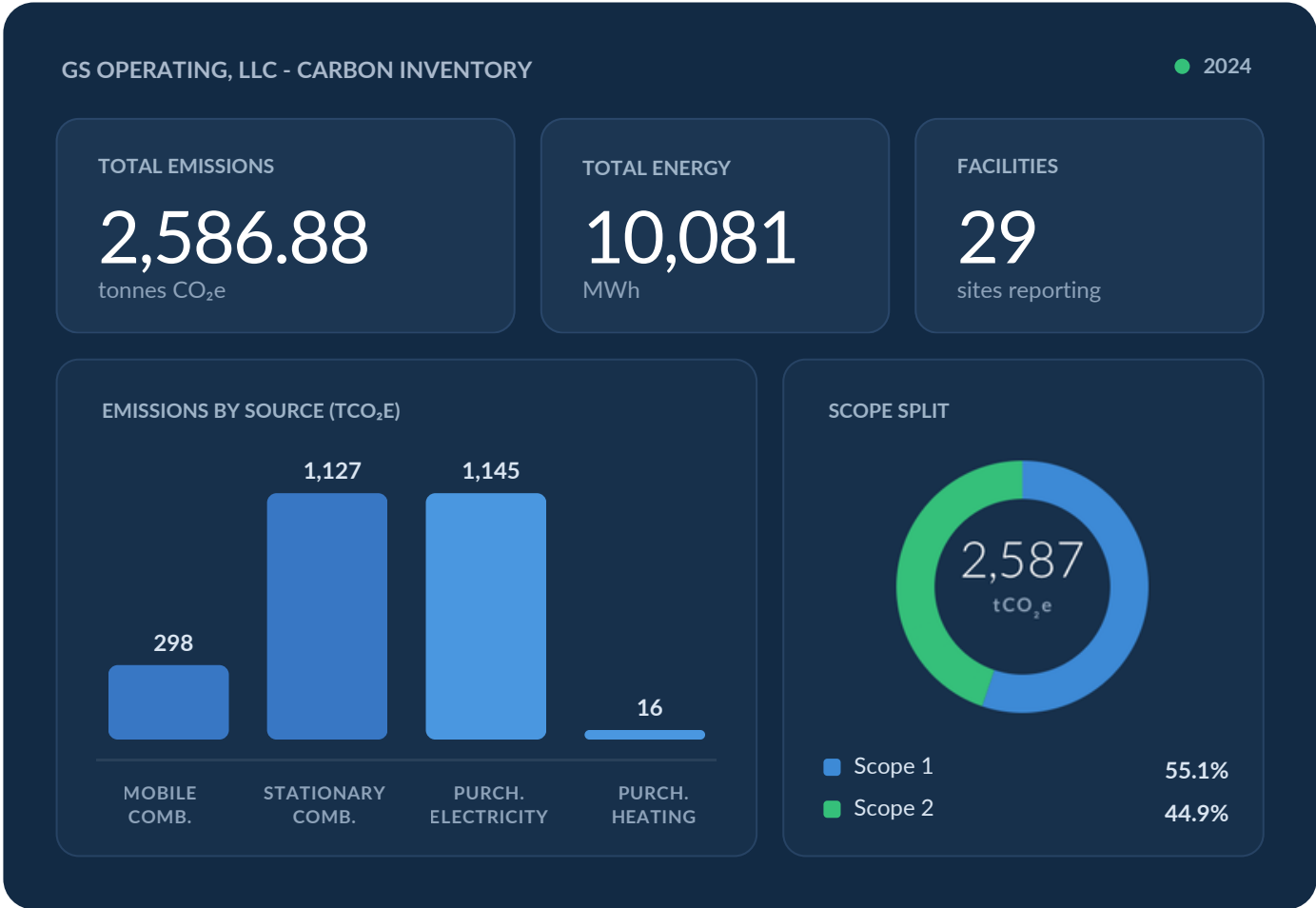
BASE YEAR

2024

Scope 1 & Scope 2 boundary

Emissions at a Glance

Consolidated Scope 1 and Scope 2 greenhouse gas emissions across all operations under operational control, expressed as tonnes of CO₂ equivalent.



SCOPE 1 - DIRECT

1,425.52 tCO₂e

Mobile & stationary fuel combustion

SCOPE 2 - INDIRECT

1,161.36 tCO₂e

Purchased electricity & heating

Master Emissions Summary

Market-based method. Emissions data from Frontier Brewton and Frontier Theodore are reported in aggregate as "Frontier." "NDR" (No Data Reported) indicates consumption or activity data was not available for the reporting period.

EMISSION SOURCE	ENERGY (MWH)	EMISSIONS (TCO ₂ E)	% SHARE
Scope 1 · Mobile Combustion	1,119.28	298.33	11.53
Scope 1 · Stationary Combustion	5,500.76	1,127.19	43.57
Scope 2 · Purchased Electricity (Market-Based)	3,157.76	1,145.32	44.27
Scope 2 · Purchased Heating (Market-Based)	303.65	16.04	0.62
Total	10,081.45	2,586.88	100.00

LARGEST SOURCE

Purchased Electricity

Total emissions,
44.27%

SCOPE 1 TOTAL

1,425.52
tCO₂e

Direct combustion,
55.1%

SCOPE 2 TOTAL

1,161.36
tCO₂e

Purchased energy,
44.9%

Fuel Combustion

Mobile Combustion

EMISSION SOURCE	CONSUMPTION	UNIT	ENERGY (MWH)	EMISSIONS (TCO ₂ E)	% SHARE
Diesel - Average blend	NDR	m ³	0.00	0.00	0.00
Diesel - Average blend	NDR	km	0.00	0.00	0.00
Diesel - 100% mineral	NDR	m ³	691.24	186.01	7.60
Gasoline - Average blend	NDR	m ³	0.00	0.00	0.00
Gasoline - Average blend	NDR	km	0	0.00	0.00
Gasoline - 100% mineral	NDR	m ³	428.04	112.33	4.60
LPG	NDR	m ³	0.00	0.00	0.00
LPG	NDR	km	0.00	0.00	0.00
Total Mobile Combustion (Fuel-Based)	NDR	m ³	0.00	0.00	0.00
Total Mobile Combustion (Distance Based)	NDR	km	0.00	0.00	0.00
Total Mobile Combustion	NDR		1,119.28	298.33	12.20

Stationary Combustion

EMISSION SOURCE	CONSUMPTION	UNIT	ENERGY (MWH)	EMISSIONS (TCO ₂ E)	% SHARE
Stationary Combustion					
Natural Gas - Average blend	NDR	kWh	4,146.57	840.26	34.46
Natural Gas - Average blend	NDR	m ³	447.38	91.51	3.75
Natural Gas - 100% mineral	NDR	kWh	0.00	0.00	0.00
Natural Gas - 100% mineral	NDR	kWh	589.25	121.57	4.99
CNG	NDR	litres	0.00	0.00	0.00
Other petroleum gas	NDR	m ³	0.00	0.00	0.00
LPG	NDR	kWh	0.00	0.00	0.00
Propane	NDR	m ³	0.00	0.00	0.00
Total	NDR		5,500.76	1,127.19	46.22

Purchased Electricity · Market-Based

Emissions are calculated using facility-level electricity consumption and reflect the impact of renewable electricity procurement instruments where applicable. Values marked * reflect 100% renewable electricity instruments (zero market-based emissions).

FACILITY	CONSUMPTION (KWH)	ENERGY (MWH)	EMISSIONS (TCO ₂ E)	% SHARE
Frontier	704,760	704.76	289.47	11.53
GS Albany	33,737	33.74	4.21	0.17
GS Brea	82,736.48	82.74	18.95	0.75
GS Buford	55,440.3	55.44	24.85	0.99
GS Grand Rapids	19,036	19.04	10.70	0.43
GS Greenville	122,841.5	122.84	35.22	1.40
GS High Point	95,328	95.33	27.33	1.09
GS Houston	50,773	50.77	19.98	0.80
GS Hungary	41,712.5	41.71	13.46	0.54
GS Irving	382,200	382.2	150.39	5.99
GS Lima	31,906	31.91	14.60	0.58
GS Livermore	87,891.6	87.89	20.13	0.80
GS Pensacola	352,520	352.52	144.79	5.77
GS Riverside	37,878.7	37.88	8.67	0.35
GS San Diego	45,032	45.03	10.31	0.41
GS Savannah	35,554	35.55	14.60	0.58
GS Tallahassee	5,779	5.78	2.17	0.09
GS Woodway	16,060	16.06	6.32	0.25
NEF Canada	220,541	220.54	26.02	1.04
Omni Broadview Heights	183,040	183.04	83.74	3.34
Resolux Brazil	41,968	41.97	0.00*	0.00
Resolux China	32,854	32.85	19.30	0.77
Resolux Denmark	130,846	130.85	0.00*	0.00
Resolux India	14,933	14.93	11.23	0.45
Resolux Turkey	4,740	4.74	2.04	0.08
Resolux US	144,797	144.80	48.17	1.92
SIS Charlotte	160,461.89	160.46	53.39	2.13
TCR Malaysia	3,104	3.10	1.96	0.08
TCR Singapore	19,285	19.29	7.08	0.28

Purchased Electricity · Location-Based

Emissions are calculated using facility-specific electricity consumption and grid-average emission factors, excluding the impact of renewable energy procurement instruments.

FACILITY	CONSUMPTION (KWH)	ENERGY (MWH)	EMISSIONS (TCO ₂ E)	% SHARE
Frontier	704,760	704.76	286.96	11.59
GS Albany	33,737	33.74	4.21	0.17
GS Brea	82,736.48	82.74	18.74	0.76
GS Buford	55,440.3	55.44	23.72	0.96
GS Grand Rapids	19,036	19.04	10.57	0.43
GS Greenville	122,841.5	122.84	34.87	1.41
GS High Point	95,328	95.33	27.06	1.09
GS Houston	50,773	50.77	17.83	0.72
GS Hungary	41,712.5	41.71	8.16	0.33
GS Irving	382,200	382.2	134.23	5.42
GS Lima	31,906	31.91	14.56	0.59
GS Livermore	87,891.6	87.89	19.90	0.80
GS Pensacola	352,520	352.52	143.54	5.80
GS Riverside	37,878.7	37.88	8.58	0.35
GS San Diego	45,032	45.03	10.20	0.41
GS Savannah	35,554	35.55	14.48	0.58
GS Tallahassee	5,779	5.78	2.14	0.09
GS Woodway	16,060	16.06	5.64	0.23
NEF Canada	220,541	220.54	26.02	1.05
Omni Broadview Heights	183,040	183.04	83.52	3.37
Resolux Brazil	41,968	41.97	2.74	0.11
Resolux China	32,854	32.85	19.30	0.78
Resolux Denmark	130,846	130.85	9.67	0.39
Resolux India	14,933	14.93	11.23	0.45
Resolux Turkey	4,740	4.74	2.04	0.08
Resolux US	144,797	144.80	48.17	1.95
SIS Charlotte	160,461.89	160.46	53.39	2.16
TCR Malaysia	3,104	3.10	1.96	0.08
TCR Singapore	19,285	19.29	7.08	0.29

Purchased Heating

Market-Based

FACILITY	CONSUMPTION (KWH)	ENERGY (MWH)	EMISSIONS (TCO ₂ E)	% SHARE
Resolux China	35,584.5	35.58	6.39	0.25
Resolux Denmark	268,070	268.07	9.65	0.38
Total	303,654.50	303.65	16.04	0.62

Location-Based

FACILITY	CONSUMPTION (KWH)	ENERGY (MWH)	EMISSIONS (TCO ₂ E)	% SHARE
Resolux China	35,584.5	35.58	6.39	0.25
Resolux Denmark	268,070	268.07	9.65	0.38
Total	303,654.50	303.65	16.04	0.62

RENEWABLE ENERGY PROCUREMENT INSTRUMENTS

Values marked with an asterisk (*) in the electricity tables indicate zero market-based emissions due to the application of 100% renewable electricity instruments (e.g., RECs or equivalent). Under the GHG Protocol Scope 2 market-based method, a value of "0.00" indicates that electricity consumption is fully matched with renewable energy certificates or equivalent contractual instruments that meet the GHG Protocol Quality Criteria.

Mobile Combustion · Year over Year

Percentage changes may appear disproportionately large where emissions were negligible, newly captured, or not previously recorded in the base year, reflecting expanded data coverage rather than like-for-like performance shifts. "NDR" = No Data Reported; "N/A" = outside the organizational boundary in that period.

By Fuel Type (tCO₂e)

EMISSION SOURCE	2023 (TCO ₂ E)	2024 (TCO ₂ E)	CHANGE (%)
LPG	0.60	0.88	+46.67
Diesel (100% mineral diesel)	204.10	186.01	-8.86
Petrol (100% mineral petrol)	82.10	112.33	+36.82

By Site (tCO₂e)

FACILITY	2023 (TCO ₂ E)	2024 (TCO ₂ E)	CHANGE (%)
Frontier	156.50	139.82	-10.66
GS Albany	1.40	0.82	-41.43
GS Brea	1.10	1.65	+50.00
GS Greenville	13.90	5.71	-58.92
GS High Point	13.10	6.51	-50.31
GS Houston	0.20	0.34	+70.00
GS Hungary	26.50	19.99	-24.57
GS Irving	NDR	1.06	+100.00
GS Lima	0.80	1.67	+108.75
GS Livermore	8.00	5.42	-32.25
GS Oxford	4.00	4.95	+23.75
GS Pensacola	4.00	4.19	+4.75
GS Riverside	NDR	1.75	+100.00
GS San Diego	1.40	6.14	+338.57
GS Savannah	NDR	2.31	+100.00
GS Tallahassee	4.40	6.95	+57.95
NEF Canada	NDR	27.82	+100.00
Omni Broadview Heights	0.60	0.88	+46.67
Resolux Denmark	43.70	46.79	+7.07
Resolux India	N/A	1.71	+100.00
Resolux Turkey	7.20	5.03	-30.14
Resolux US	NDR	3.22	+100.00
SIS Charlotte	NDR	1.05	+100.00
TCR Singapore	N/A	3.44	+100.00

Stationary Combustion · Year over Year

By Fuel Type (tCO₂e)

EMISSION SOURCE	2023 (TCO ₂ E)	2024 (TCO ₂ E)	CHANGE (%)
LPG	1.20	0.88	-26.67
Natural gas (100% mineral blend)	281.30	121.57	-56.78
Natural gas	0.00	931.77	-100.00
Propane	41.10	72.96	+77.52

By Site (tCO₂e)

FACILITY	2023 (TCO ₂ E)	2024 (TCO ₂ E)	CHANGE (%)
Frontier	24.60	34.47	+40.12
GS Albany	43.50	43.86	+0.83
GS Brea	NDR	2.80	+100.00
GS Buford	16.60	573.03	+3351.99
GS Grand Rapids	NDR	27.45	+100.00
GS Greenville	7.60	49.30	+548.68
GS High Point	32.10	27.19	-15.30
GS Hungary	46.00	37.70	-18.04
GS Irving	NDR	24.23	+100.00
GS Lima	NDR	0.08	+100.00
GS Pensacola	15.70	31.56	+101.02
GS Riverside	0.50	5.94	+1088.00
GS San Diego	0.50	1.59	+218.00
GS Woodway	NDR	0.18	+100.00
NEF Canada	NDR	65.79	+100.00
Omni Broadview Heights	66.10	67.37	+1.92
Resolux Brazil	1.20	0.88	-26.67
Resolux Denmark	22.60	18.08	-20.00
Resolux US	46.50	115.68	+148.77

Purchased Electricity · Year over Year

Market-based method, by facility. Values marked *reflect 100% renewable electricity instruments.

FACILITY	2023 (TCO ₂ E)	2024 (TCO ₂ E)	CHANGE (%)
Frontier	317.50	289.47	-8.83
GS Albany	2.50	4.21	+68.40
GS Brea	18.00	18.95	+5.28
GS Buford	66.20	24.85	-62.46
GS Grand Rapids	NDR	10.70	+100.00
GS Greenville	51.00	35.22	-30.94
GS High Point	34.60	27.33	-20.01
GS Houston	21.80	19.98	-8.35
GS Hungary	9.20	13.46	+46.30
GS Irving	NDR	150.39	+100.00
GS Lima	NDR	14.60	+100.00
GS Livermore	NDR	20.13	+100.00
GS Pensacola	151.10	144.79	-4.18
GS Riverside	9.30	8.67	-6.77
GS San Diego	NDR	10.31	+100.00
GS Savannah	NDR	14.60	+100.00
GS Tallahassee	NDR	2.17	+100.00
GS Woodway	NDR	6.32	+100.00
NEF Canada	NDR	26.02	+100.00
Omni Broadview Heights	63.30	83.74	+32.29
Resolux Brazil	3.70	0.00*	-100.00
Resolux China	36.00	19.30	-46.39
Resolux Denmark	0.00*	0.00*	0.00
Resolux India	1.10	11.23	+920.91
Resolux Turkey	1.10	2.04	+85.45
Resolux US	49.80	48.17	-3.27
SIS Charlotte	NDR	53.39	+100.00
TCR Malaysia	N/A	1.96	+100.00
TCR Singapore	N/A	7.08	+100.00

Purchased Electricity · Location-Based YoY

Location-based method, by facility, grid-average emissions before renewable procurement instruments.

FACILITY	2023 (TCO ₂ E)	2024 (TCO ₂ E)	CHANGE (%)
Frontier	316.30	286.96	-9.28
GS Albany	2.50	4.21	+68.40
GS Brea	17.80	18.74	+5.28
GS Buford	63.40	23.72	-62.59
GS Grand Rapids	NDR	10.57	+100.00
GS Greenville	42.40	34.87	-17.76
GS High Point	34.50	27.06	-21.57
GS Houston	19.60	17.83	-9.03
GS Hungary	5.50	8.16	+48.36
GS Irving	NDR	134.23	+100.00
GS Lima	NDR	14.56	+100.00
GS Livermore	NDR	19.90	+100.00
GS Pensacola	150.50	143.54	-4.62
GS Riverside	7.70	8.58	+11.43
GS San Diego	NDR	10.20	+100.00
GS Savannah	NDR	14.48	+100.00
GS Tallahassee	NDR	2.14	+100.00
GS Woodway	NDR	5.64	+100.00
NEF Canada	NDR	26.02	+100.00
Omni Broadview Heights	63.30	83.52	+31.94
Resolux Brazil	3.70	2.74	-25.95
Resolux China	36.00	19.30	-46.39
Resolux Denmark	5.90	9.67	+63.90
Resolux India	1.10	11.23	+920.91
Resolux Turkey	1.10	2.04	+85.45
Resolux US	47.60	48.17	+1.20
SIS Charlotte	NDR	53.39	+100.00
TCR Malaysia	N/A	1.96	+100.00
TCR Singapore	N/A	7.08	+100.00

Purchased Heating · Year over Year

Market-Based (tCO₂e)

FACILITY	2023	2024	CHANGE
Resolux China	6.50	6.39	-1.69
Resolux Denmark	NDR	9.65	+100.00

Location-Based (tCO₂e)

FACILITY	2023	2024	CHANGE
Resolux China	6.50	6.39	-1.69
Resolux Denmark	NDR	9.65	+100.00

Interpreting the Year-over-Year Change

EXPANDED COVERAGE

Several facilities including GS Irving, Lima, Livermore, Savannah, and NEF Canada, reported energy data for the first time in 2024. Large percentage increases at these sites reflect newly captured data rather than growth in activity.

UNDERLYING MOVEMENT

Where like-for-like comparison is possible, mobile diesel fell 8.9% and several electricity sites (Buford -62%, Greenville -31%) declined, while renewable instruments held Resolux Brazil and Denmark at zero market-based electricity emissions.

■ Decrease vs. 2023
 ■ Increase vs. 2023
 ■ Newly reported / not comparable

Methodology

Reporting Standards & Frameworks

The GHG emissions inventory has been prepared in accordance with the Greenhouse Gas Protocol Corporate Accounting and Reporting Standard (Revised Edition), developed by the World Resources Institute (WRI) and the World Business Council for Sustainable Development (WBCSD). The methodology is aligned with the principles of ISO 14064-1 and reflects relevant elements of ESRS E1 - Climate Change. All emissions are expressed as tonnes of carbon dioxide equivalent (tCO₂e) and include CO₂, CH₄, N₂O, SF₆, HFCs, and PFCs, using applicable global warming potential factors.

Organizational & Operational Boundaries

The organizational boundary is defined using the operational control approach, consistent with the Greenhouse Gas Protocol. The organization accounts for GHG emissions from operations over which it has operational control including owned, leased, or otherwise controlled facilities and assets. Operations in which the organization holds an ownership interest without operational control are excluded. The boundary is applied consistently across reporting periods and covers all geographic locations under operational control.

Scope Definition & Coverage

SCOPE 1

Direct Emissions

Sources owned or controlled by the organization: fossil-fuel combustion in stationary equipment and company-controlled vehicles.

SCOPE 2

Indirect Energy

Emissions from purchased electricity and purchased heating, cooling, or steam consumed by controlled operations.

SCOPE 3

Value Chain

Upstream and downstream emissions not owned or directly controlled. Recognized as relevant but outside the 2024 reporting boundary; to be assessed in future periods.

Data & Factors

Data Collection & Calculation

Activity data is sourced primarily from internal operational systems such as fuel consumption records, electricity and heating usage data, fleet information, and facility-level energy data, and is supplemented by external sources where necessary. Emissions are calculated by multiplying activity data by appropriate emission factors. Where primary activity data is unavailable, conservative estimation methodologies based on recognized secondary data sources are applied, documented, and used consistently across reporting periods.

Emission Factors & Electricity Accounting

Emission factors are drawn from internationally recognized databases, selected on geographic relevance, reporting year, and applicability, principally DEFRA, the International Energy Agency (IEA), and the U.S. EPA eGRID database, alongside national or regional district-heating providers. In line with GHG Protocol guidance, Scope 2 emissions are disclosed using both methods:

Location-based

Reflects the average emissions intensity of the electricity grids where consumption occurs.

Market-based

Reflects emissions from electricity procured through contractual instruments such as Guarantees of Origin (GoOs).

Data Quality, Limitations & Continuous Improvement

Internal review procedures and reasonableness checks are applied to enhance accuracy and completeness. The inventory may be subject to limitations arising from data availability and estimation methods; these are documented and reviewed annually. Comparative 2023 data is presented to support year-on-year analysis. As systematic data collection began in 2023, reliable data for earlier periods is not available, and 2022 is not included; the organization will continue building a consistent, comparable time series as reporting maturity improves.

BASE YEAR

2024

Designated as the base year for GHG reporting with the first period with sufficiently complete and consistent data across Scope 1 and Scope 2. Future performance is assessed relative to this baseline, with recalculation as necessary for significant changes in boundaries or methodologies.

Sources & References

Emission Factor Sources

Scope 1 · Stationary Combustion	DEFRA (2024)
Scope 1 · Mobile Combustion	DEFRA (2024)
Scope 2 · Electricity (Location-Based)	eGRID (2024) · IEA (2024) · DEFRA (2024)
Scope 2 · Electricity (Market-Based)	Green-e (2024) · IEA (2024) · DEFRA (2024)
Scope 2 · Purchased Heating	CTR, HOFOR & VEKS (2024)

Where multiple sources are listed, selection depended on data availability and geography (e.g., eGRID for U.S. grids, DEFRA for U.K./global averages, IEA for international averages) to ensure the most appropriate 2024 factors were applied.

References

1. DEFRA (2024). *UK Government GHG Conversion Factors for Company Reporting*. Department for Environment, Food & Rural Affairs. gov.uk/government/collections/government-conversion-factors-for-company-reporting
1. Emissions & Generation Resource Integrated Database (eGRID, 2024). U.S. Environmental Protection Agency. epa.gov/egrid
1. Green-e Energy Certification Program. Center for Resource Solutions (Green-e, 2024). green-e.org
1. International Energy Agency (IEA, 2024). *IEA Emissions Factors Database*. iea.org
1. CTR, HOFOR & VEKS (2024). *District Heating Emission Factors*. Copenhagen District Heating Companies.
1. World Resources Institute (WRI) & World Business Council for Sustainable Development (WBCSD). *The Greenhouse Gas Protocol (2004): A Corporate Accounting and Reporting Standard (Revised Edition)*. Washington, DC: WRI & WBCSD.

Emission Factors

Scope 3 emission factors are shown for completeness but are not applied within the 2024 reporting boundary.

Scope 1 • Company Vehicles

TYPE OF FUEL	EF • SCOPE 1	EF • SCOPE 3	UNIT	SOURCE
Diesel (100% mineral diesel)	0.00266155	0.00062409	t CO ₂ e/L	DEFRA (2024)
Petrol (100% mineral petrol)	0.0023537	0.00060664	t CO ₂ e/L	DEFRA (2024)
LPG	0.00155713	0.00018551	t CO ₂ e/L	DEFRA (2024)

Scope 1 • Stationary Combustion

TYPE OF FUEL	EF • SCOPE 1	EF • SCOPE 3	UNIT	SOURCE
LPG kWh	0.00023031	0.00002736	t CO ₂ e/kWh	DEFRA (2024)
LPG tonnes	2.93936095	0.34929282	t CO ₂ e/t	DEFRA (2024)
Natural gas (100% mineral blend) m ³	0.00206318	0.0003366	t CO ₂ e/m ³	DEFRA (2024)
Natural gas kWh	0.00020264	0.00003347	t CO ₂ e/kWh	DEFRA (2024)
Natural gas m ³	0.00204542	0.0003366	t CO ₂ e/m ³	DEFRA (2024)
Propane kWh	0.00023257	0.00002736	t CO ₂ e/kWh	DEFRA (2024)
Propane liters	0.00154357	0.0001817	t CO ₂ e/L	DEFRA (2024)
Propane tonnes	2.99763233	0.35267018	t CO ₂ e/t	DEFRA (2024)

Scope 2 • Purchased Heating

District Heating - Denmark average

SCOPE 2 FACTOR

0.000036t CO₂e/kWh

CTR, HOFOR & VEKS (2024)

SCOPE 3 FACTOR

0.00003517

DEFRA (2024)

GS OPERATING, LLC

Toward a lower-carbon supply chain.

This inventory establishes the 2024 baseline for Scope 1 and Scope 2 emissions. As data coverage deepens and assurance matures toward reasonable assurance, it will anchor the organization's decarbonization roadmap and year-on-year progress against climate targets.

PREPARED BY

