GHG Emissions and Energy Consumption Metrics

Overview

We are committed to being responsible stewards of the environment as we operate our business. On an annual basis 3D Systems collects and discloses data on our scope 1 and scope 2 Greenhouse Gas (GHG) emissions and energy consumption across our sites globally. In 2023, we continued our reporting on climate activities in alignment with the Task Force on Climate-Related Financial Disclosures (TCFD). Our internal metrics below are used to provide insights to management as we evaluate environmental strategies around further reducing GHG emissions and conserving energy. These environmental strategies include assessing our real estate portfolio for opportunities to implement energy efficiency measures and looking for investments into renewable energy sources where feasible. Examples include renewable electricity procurement via solar in a key manufacturing site, sensor lighting applications, and LED lighting upgrades.

Metrics

Scope 1 & 2 GHG Emissions [1]

GHG Emission Type	2021 (MT CO2e)	2022 (MT CO2e)	2023 (MT CO2e)
Scope 1	2,711	2,671	2,589
Scope 2	6,482	6,675	7,109
Total	**9,193**	**9,346**	**9,698[2]**

GHG Emissions Breakout by Type [1]

GHG Emission Type	2021 (MT CO2e)	2022 (MT CO2e)	2023 (MT CO2e)
Stationary Combustion (scope 1)	2,251	2,206	1,951
Fleet (scope 1)	393	399	359
Refrigerants (scope 1)	67	66	278
Electricity (scope 2)	6,482	6,675	7,109
Total	**9,193**	**9,346**	**9,698[2]**

Energy Consumption Breakout

Consumption Type	2021 Consumption	2022 Consumption	2023 Consumption
Electricity (kWh)	19,753,135	20,353,397	22,622,322
Gas (therms)	373,508	370,708	329,080
Fleet – Gasoline (gallons)	29,305	29,510	27,369
Fleet – Diesel (gallons)	13,074	13,489	12,957

[1] 3D Systems' 2021, 2022 and 2023 Greenhouse Gas inventories were calculated based on requirements defined by the World Resource Institute's (WRI) Greenhouse Gas (GHG) Protocol. WRI's GHG Protocol is the most used and respected international standard for how to measure, manage, and report GHG emissions. The calculation of GHG emissions uses recognized emission factors from The Climate Registry, Intergovernmental Panel on Climate Change (IPCC), and the United States Environmental Protection Agency (EPA). The requirements outlined in ISO 14064-1:2018 are followed, though the GHG Protocol is utilized in cases where the standards conflict. 3D Systems' 2022 and 2023 inventories were third-party verified to ensure emissions calculations are compliant with ISO-14064.

[2] 3D Systems' global GHG emissions have increased year over year due to an increase in facility footprint. However, consumption per square footage has decreased year over year.

NOTE: Due to rounding, the sum of results presented may not equal the total shown.

August 2024

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