

Powerful Cyber Products
Expert Cyber Services
Unified Cyber Solutions



2022 Annual Report

GREENHOUSE GAS EMISSIONS

Prepared by SIXGEN, Inc.

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About SIXGEN

SIXGEN is a cybersecurity services and products provider with headquarters in Annapolis, MD.

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Report Introduction

This report has been generated for the 2022 calendar year in accordance with scope one and two criteria of the Corporate Accounting and Reporting Standard under the Greenhouse Gases Protocol. In its reporting of applicable scope one and scope two emissions, cross-sector and sector-specific calculation tools (published by The Center for Corporate Climate Leadership of the Environmental Protection Agency), including those for small office-based organizations, were used. The defined organizational boundary is SixGen, Inc. and any of its subsidiaries if applicable.

Reporting Period:

1/1/22-12/31/22

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2022 GHG Summary

Emissions Type	CO ₂ -e (metric tons)
Stationary Combustion	1,092
Refrigeration/AC	0
Purchased/Consumed Electricity	3

Scope 1: Direct GHG Emissions

Emissions from Stationary Combustion Sources

SIXGEN calculated the organization-wide refrigeration gas CO₂ equivalent emissions using the following method. The Energy Information Administration conducts commercial energy consumption surveys and provides average energy consumption by building type per square foot. SIXGEN utilized the office estimation of 20.6 standard cubic feet (scf) of natural gas per square foot per year times the square footage of our combined facilities.

Emissions from Refrigeration and AC

SIXGEN calculated the organization-wide refrigeration gas CO₂ equivalent emissions using the Simplified Material Balance Method. In reporting year 2022, SIXGEN's leased company headquarters was located in a facility operating four rooftop units, four self-contained units, and 150 perimeter units. The units utilize R-22 refrigerant. R-22 refrigerant's Global Warming Potential (GWP) is 1,810. There were no new units installed, no recharges, and no decommissioning of units in the reporting year.

Scope 2: Indirect GHG Emissions

Emissions from Purchase of Electricity

The Energy Information Administration conducts commercial energy consumption survey and provides average energy consumption by building type per square foot. SIXGEN utilized the office estimation of 13.8 kWh of electricity per square foot per year times the square footage of our combined facilities. This considers both market-based and location-based factors to meet reporting requirements.