

Energy and Security Group
Calendar Year 2022 Greenhouse Gas
Emissions

Energy and Security Group (ESG) measured and established a baseline of all company-related greenhouse gas (GHG) emissions for Calendar Year (CY) 2022 for all facilities leased and controlled by the company.

ESG's GHG emissions report provides measurement of our Scope 1, Scope 2, and Scope 3 emissions for CY 2022. ESG attests that the Scope 1, 2 and 3 GHG emissions were calculated in accordance with the GHG Protocol Corporate Accounting and Reporting Standard.

In calendar year 2022, ESG's Scope 1 and 2 emissions measured approximately 10.11 metric tons CO₂e. Our Scope 3 emissions measured approximately 71.54 metric tons CO₂e. ESG's GHG emissions (Scopes 1 – 3) are from electricity used in the facilities we lease (commercial office space) and from employee business travel and commuting.

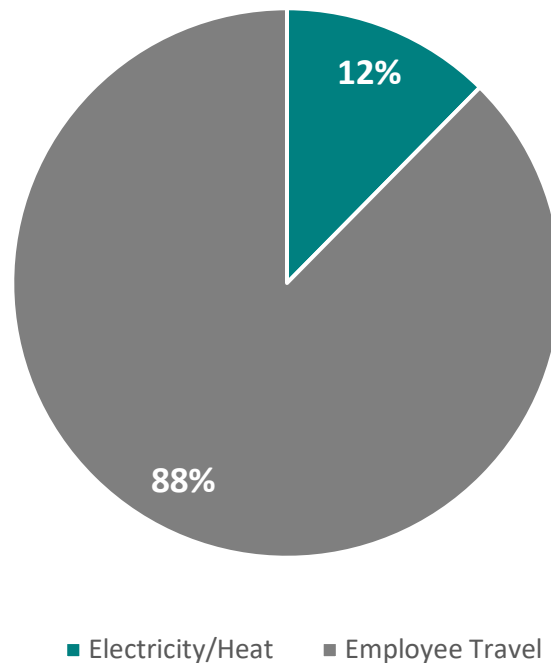
Reduction Targets

ESG is committed to further reducing our GHG emissions and our climate impact. Beginning in 2023, we will establish annual reduction targets beginning for CY 2023 and then for 2030. We believe that establishing and meeting these short and mid-term goals will enable us to achieve a reduction in our emissions to net-zero by or before 2030.

2022 GHG Emissions Data

GHG Characteristics	
Facility Location:	Reston, Virginia
Facility Type:	Commercial Office Space
Analysis Year:	2022
Total Facilities:	1
Estimated GHG Emissions:	81.65 metric tons CO ₂ e
Main sources of GHG emissions:	Electric usage; employee travel

2022 GHG Emissions by Category



2022 Analysis Year Emissions

Greenhouse Gas (GHG) (tons)	Scope 1	Scope 2	Scope 3
Carbon dioxide (CO ₂)	0	10.07166593	70.91116042
Methane (CH ₄)	0	0.000727383	0.001030088
Nitrous oxide (N ₂ O)	0	9.60709E-05	0.002265916
Hydrofluorocarbons (HFCs)	0	0	0
Perfluorocarbons (PFCs)	0	0	0
Sulfur hexafluoride (SF ₆)	0	0	0
Nitrogen trifluoride (NF ₃)	0	0	0
Total CO ₂ e Tons	0	10.11749144	71.54047072

All units in tons

Greenhouse Gas (GHG) (tons)	Purchased Electricity	Purchased Heat	Business Travel	Employee Commutes
Carbon dioxide (CO ₂)	7.540760289	2.530905643	56.025324	14.88583642
Methane (CH ₄)	0.000679688	4.76953E-05	0.000205508	0.00082458
Nitrous oxide (N ₂ O)	9.13013E-05	4.76953E-06	0.001788528	0.000477388
Hydrofluorocarbons (HFCs)	0	0	0	0
Perfluorocarbons (PFCs)	0	0	0	0
Sulfur hexafluoride (SF ₆)	0	0	0	0
Nitrogen trifluoride (NF ₃)	0	0	0	0

All units in tons