

Description: Natural Gas Distribution Company serving Parts of Arizona, Nevada, and California.

Industry: 22 - Utilities

Address: PO Box 98510

Contact:
Thomas Rader

www.swgas.com

Reporting Information

Reporting Protocol: GRP 3.0

GWP Standard: AR4

Base Year: 2023

Consolidation Methodology: Operational Control Only

Status: TCR Accepted

Verification Information

Verification Body: TÜV SÜD America, Inc - Ruby Canyon

Level of Assurance: Reasonable

Entity Emissions | Total in metric tons of CO2e

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Stationary Combustion - Scope 1	32,927.44	32,809.17	46.75	71.52	0	0	0	0
Mobile Combustion - Scope 1	15,332.52	15,285.03	8.75	38.74	0	0	0	0
Fugitive - Scope 1	336,348.28	251.03	336,097.25	0	0	0	0	0
Total	384,608.24	48,345.23	336,152.75	110.26	0	0	0	0
Applied Offsets								
Net Total	384,608.24							

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Location Based - Scope 2	6,005.54	5,976.66	11	17.88	0	0	0	0
Total	6,005.54	5,976.66	11	17.88	0	0	0	0
Applied Offsets								
Net Total	6,005.54							

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Market Based - Scope 2	6,005.54	5,976.66	11	17.88	0	0	0	0
Total	6,005.54	5,976.66	11	17.88	0	0	0	0
Applied Offsets								
Net Total	6,005.54							

Entity Emissions | Total in metric tons of gas

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	32,927.44	32,809.17	1.87	0.24	0	0	0	0
Mobile Combustion - Scope 1	15,332.52	15,285.03	0.35	0.13	0	0	0	0
Fugitive - Scope 1	336,348.28	251.03	13,443.89	0	0	0	0	0
Total	384,608.24	48,345.23	13,446.11	0.37	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	6,005.54	5,976.66	0.44	0.06	0	0	0	0
Total	6,005.54	5,976.66	0.44	0.06	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	6,005.54	5,976.66	0.44	0.06	0	0	0	0
Total	6,005.54	5,976.66	0.44	0.06	0	0	0	0

Simplified Estimation Methods (SEMs)

	Total Estimated CO2e (t)	Total Emissions (t of CO2e)	Estimated CO2e as a Percentage of Total*
Location-based	0	390,614	0.00%
Market-based	0	390,614	0.00%

*Total based on Scope 1, Scope 2, & biomass emissions

Facility Emissions | Southwest Gas Corporation

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	32,927.44	32,809.17	1.87	0.24	0	0	0	0
Mobile Combustion - Scope 1	15,332.52	15,285.03	0.35	0.13	0	0	0	0
Fugitive - Scope 1	336,348.28	251.03	13,443.89	0	0	0	0	0
Total	384,608.24	48,345.23	13,446.11	0.37	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
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Purchased Electricity - Location Based - Scope 2	6,005.54	5,976.66	0.44	0.06	0	0	0	0
Total	6,005.54	5,976.66	0.44	0.06	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	6,005.54	5,976.66	0.44	0.06	0	0	0	0
Total	6,005.54	5,976.66	0.44	0.06	0	0	0	0