

Description: Natural Gas Distribution Company serving Parts of Arizona, Nevada, and California.  
Industry: 22 - Utilities  
Address: PO Box 98510, Las Vegas, Nevada, US  
Contact: Thomas Rader  
www.swgas.com

**Reporting Information**

Inventory Type: Complete  
Reporting Protocol: GRP 3.0  
GWP Standard: AR4  
Base Year: 2023  
Scope 2 method: Location-based  
Reporting Year Type: Calendar Year  
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 (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Stationary Combustion - Scope 1	24,660.06	24,571.67	34.75	53.64	0	0	0	0
Mobile Combustion - Scope 1	16,025.09	15,974.62	8.75	41.72	0	0	0	0
Fugitive - Scope 1	338,479.49	253.49	338,226	0	0	0	0	0
<b>Total</b>	<b>379,164.64</b>	<b>40,799.78</b>	<b>338,269.5</b>	<b>95.36</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Applied Offsets</b>								
<b>Net Total</b>	<b>379,164.64</b>							

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Location Based - Scope 2	5,661.44	5,638.29	8.25	14.9	0	0	0	0
<b>Total</b>	<b>5,661.44</b>	<b>5,638.29</b>	<b>8.25</b>	<b>14.9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Applied Offsets</b>								
<b>Net Total</b>	<b>5,661.44</b>							

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Market Based - Scope 2	5,661.44	5,638.29	8.25	14.9	0	0	0	0
<b>Total</b>	<b>5,661.44</b>	<b>5,638.29</b>	<b>8.25</b>	<b>14.9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Applied Offsets</b>								
<b>Net Total</b>	<b>5,661.44</b>							

## 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	24,660.06	24,571.67	1.39	0.18	0	0	0	0
Mobile Combustion - Scope 1	16,025.09	15,974.62	0.35	0.14	0	0	0	0
Fugitive - Scope 1	338,479.49	253.49	13,529.04	0	0	0	0	0
<b>Total</b>	<b>379,164.64</b>	<b>40,799.78</b>	<b>13,530.78</b>	<b>0.32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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	5,661.44	5,638.29	0.33	0.05	0	0	0	0
<b>Total</b>	<b>5,661.44</b>	<b>5,638.29</b>	<b>0.33</b>	<b>0.05</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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	5,661.44	5,638.29	0.33	0.05	0	0	0	0
<b>Total</b>	<b>5,661.44</b>	<b>5,638.29</b>	<b>0.33</b>	<b>0.05</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Simplified Estimation Methods (SEMs)

	Total Estimated CO2e (t)	Total Emissions (t of CO2e)	Estimated CO2e as a Percentage of Total*
Location-based	0	384,826	0.00%
Market-based	0	384,826	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	24,660.06	24,571.67	1.39	0.18	0	0	0	0
Mobile Combustion - Scope 1	16,025.09	15,974.62	0.35	0.14	0	0	0	0
Fugitive - Scope 1	338,479.49	253.49	13,529.04	0	0	0	0	0
<b>Total</b>	<b>379,164.64</b>	<b>40,799.78</b>	<b>13,530.78</b>	<b>0.32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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)
Purchased Electricity - Location Based - Scope 2	5,661.44	5,638.29	0.33	0.05	0	0	0	0
<b>Total</b>	<b>5,661.44</b>	<b>5,638.29</b>	<b>0.33</b>	<b>0.05</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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)
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Purchased Electricity - Market Based - Scope 2	5,661.44	5,638.29	0.33	0.05	0	0	0	0
<b>Total</b>	5,661.44	5,638.29	0.33	0.05	0	0	0	0