

Notes:  
Please round all natural gas emissions to nearest Mscf.  
As a reminder, please use the latest version of each of the worksheets.

Summary Tables:

System Categories	Emission Source Categories	Fugitive or Ventd	For Informational and Reference Purposes Only: Original 2015 Baseline Emissions (Mscf)	Approved 2015 Baseline Emissions (Mscf)	Proposed Adjusted 2015 Baseline Emissions (Mscf)	2023 Total Annual Volume of Leaks & Emissions (Mscf)	2023 Total Annual Count of Leak & Emission Items	2024 Total Annual Volume of Leaks & Emissions (Mscf)	2024 Total Annual Count of Leak & Emission Items	Emission Change for Year Over Year Comparison from 2023 to 2024 (Mscf)	Percentage Change for Year Over Year Comparison from 2023 to 2024	Count Change for Year Over Year Comparison from 2023 to 2024	Percentage Change for Year Over Year Comparison from 2023 to 2024	Emission Change for Year Over Year Comparison from 2015 to 2024 (Mscf)	Percentage Change for Year Over Year Comparison from 2015 to 2024	Explanation for Significant Percentage Change for Year Over Year Comparison from 2023 to 2024
Transmission Pipelines	Pipeline Leaks	Fugitive	87	87	NA	83	Total System Mileage: 218	83	Total System Mileage: 219	-	0.0%	1	0.0%	4	14.4%	
	All Damages	Fugitive	0	0	NA	0	Number of emission items: 0	0	Number of emission items: 0	-	0.0%	-	0.0%	0	0.0%	
	Blowdowns	Ventd	3,426	3,426	NA	117	Number of blowdown events: 247	133	Number of blowdown events: 225	16	13.7%	(22)	(8.5%)	-3,293	(95.1%)	The increase in emissions year-over-year can be attributed to an increased average volume per blowdown during 2024 relative to 2023.
	Component Ventd Emissions	Ventd	0	0	NA	589	Number of devices: 28	0	Number of devices: 0	(589)	(100.0%)	(28)	(100.0%)	0	0.0%	Device counts were updated through asset verification and asset data enhancements.
	Component Fugitive Leaks	Fugitive	NA	NA	NA	0	Number of leaks: 0	0	Number of leaks: 0	NA	NA	-	0.0%	NA	NA	
Transmission M&R Stations	Station Leaks & Emissions	Fugitive	22,216	22,216	NA	21,792	Number of facilities: 16	21,767	Number of facilities: 16	(25)	(0.1%)	(3)	(1.3%)	-48	(2.0%)	
	Blowdowns	Ventd	31	31	NA	3	Number of blowdown events: 232	3	Number of blowdown events: 210	-	0.0%	(22)	(9.5%)	-28	(90.3%)	
Transmission Compressor Stations	Compressor Emissions	Ventd	1,262	1,262	NA	1,187	Number of compressors: 10	1,105	Number of compressors: 10	(75)	(5.9%)	-	0.0%	-187	(14.8%)	On average, compressors operated less in 2024 than in 2023. The decrease in average operating hours contributed to the decrease in emissions year-over-year.
	Compressor Leaks	Fugitive	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Blowdowns	Ventd	3,956	3,956	NA	1,881	Number of blowdown events: 223	1,785	Number of blowdown events: 212	(96)	(5.1%)	29	11.1%	-2,175	(54.5%)	The decrease in emissions year-over-year can be attributed to a decreased average volume per blowdown during 2024 relative to 2023.
	Component Ventd Emissions	Ventd	NA	887	NA	336	Number of devices: 16	169	Number of devices: 8	(167)	(49.3%)	(8)	(50.0%)	-718	(98.0%)	Device counts were updated through asset verification and asset data enhancements.
	Component Fugitive Leaks	Fugitive	1,085	3,512	NA	502	Number of leaks: 42	548	Number of leaks: 43	46	9.2%	1	2.4%	-2,064	(64.4%)	The increase in emissions year-over-year can be attributed to the larger number of leaks and longer average leak duration in 2024 relative to 2023.
	Storage Tank Leaks & Emissions	Ventd	3	3	NA	0	Number of emission items: 0	3	Number of emission items: 1	3		1		0	0.0%	Emissions increased year-over-year because gas was released through an LMS tank pressure release in 2024. No pressure releases were conducted during 2023.
Distribution Main & Service Pipelines	Pipeline Leaks	Fugitive	33,730	33,730	NA	14,691	Number of known leaks: 576 Estimated number of unknown leaks: 140 Total number of leaks: 716	20,230	Number of known leaks: 745 Estimated number of unknown leaks: 184 Total number of leaks: 929	5,539	37.2%	218	29.2%	-13,039	(46.9%)	The year-over-year increase in emissions can be attributed to an increase in the number of leak detections. In addition, the increased leak detections caused the unknown leak estimates to increase year-over-year.  Note: Detection Method data in Emission Year 2023 were updated to reflect SDG&E's refined methodology for differentiating customer-identified leaks. In addition, carry over leak details from EY 2023 were updated with the latest information.
	All Damages	Fugitive	6,894	6,894	NA	6,707	Number of damages: 120	7,043	Number of damages: 347	336	5.0%	27	8.6%	-1,851	(26.8%)	The year-over-year increase in emissions can be attributed to an increase in the total number of damages.
	Blowdowns	Ventd	45	45	NA	51	Number of blowdown events: 322	71	Number of blowdown events: 325	20	39.2%	3	0.9%	36	57.8%	The year-over-year increase in emissions can be attributed to the increased number of blowdowns in 2024 relative to 2023.
	Component Ventd Emissions	Ventd	0	0	NA	0	Number of emission items: 0	0	Number of emission items: 0	-	-	-	-	0	-	
	Component Fugitive Leaks	Fugitive	0	0	NA	0	Number of leaks: 0	0	Number of leaks: 0	-	-	-	-	0	-	
Distribution M&R Stations	Station Leaks & Emissions	Fugitive	80,978	80,978	NA	80,493	Number of stations: 407	67,893	Number of stations: 460	(12,605)	(15.7%)	(7)	(1.9%)	-13,085	(16.2%)	Emissions decreased year-over-year because the number of stations decreased and the emission estimate is derived using a population-based methodology.
	All Damages	Fugitive	NA	NA	NA	0	Number of damages: 0	0	Number of damages: 0	-	-	-	-	NA	NA	
	Blowdowns	Ventd	16	16	NA	18	Number of blowdowns: 2,867	21	Number of blowdowns: 2,902	3	16.7%	15	1.2%	5	31.3%	Distribution M&R Blowdowns are a function of inspection activity level and can vary year-to-year.
	Component Emissions	Fugitive	NA	0	0	0	Number of emission items: 0	0	Number of emission items: 0	-	-	-	-	0	-	
	Component Leaks	Ventd	NA	NA	464	0	Number of leaks: 74	0	Number of leaks: 73	(1)	(1.4%)	(1)		NA	NA	
Customer Meters	Meter Leaks	Fugitive	126,261	126,261	NA	132,317	Number of leaks: 5,039 Number of meters: 954,996	132,779	Number of leaks: 6,176 Number of meters: 918,115	452	0.3%	3,319	0.6%	6,618	5.2%	Note: Detection Method data in Emission Year 2023 were updated to reflect SDG&E's refined methodology for differentiating customer-identified leaks.
	All Damages	Fugitive	NA	NA	NA	1,359	Number of damages: 176	820	Number of damages: 287	(539)	(39.7%)	111	63.1%	NA	NA	The number of damages increased year-over-year, but the volume of annual emissions decreased. This decrease can be attributed to a lower average emission volume per damage during 2024 relative to 2023.
	Ventd Emissions	Ventd	54	54	NA	56	Number of blowdown events: 13,086	55	Number of blowdown events: 13,115	(3)	(1.8%)	(183)	(1.1%)	1	1.9%	
Underground Storage	Storage Leaks & Emissions	Fugitive	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Compressor Ventd Emissions	Ventd	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Blowdowns	Ventd	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Component Ventd Emissions	Ventd	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Compressor and Component Fugitive Leaks	Fugitive	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Dehydrator Vent Emissions (Description)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Overall Leaks Totals		Total	282,046	285,360		262,468	NA	254,995	NA	(17,473)	(6%)	NA	NA	(18,765,000)	(6.6%)	

Legend
Revised on June 19, 2025
Revised on August 8, 2025

SDG&E, June 13th, 2025

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated  
Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371,  
In Response to Data Request, R15-01-008, 2025 June Report  
Appendix 8; Rev. 03/27/2025

System Wide Leak Rate Data

1/1/2024 - 12/31/2024

The highlighted cells show the volumes that are summed together as the throughput for calculating the system wide leak rate.

Gas Storage Facilities:

Average Close of the Month Cushion Gas Storage Inventory (Mscf)	Average Close of the Month Working Gas Storage Inventory (Mscf)	Total Annual Volume of Injections into Storage (Mscf)	Total Annual Volume of Gas Used (Mscf)	Total Annual Volume of Withdrawals from Storage (Mscf)	Explanatory Notes / Comments
NA	NA	NA	NA	NA	

Transmission System:

Total Annual Volume of Gas Used (Mscf)	Total Annual Volume of Gas Transported to or for Customers* in State (Mscf)	Total Annual Volume of Gas Transported to or for Customers* out of State (Mscf)	Total Annual Volume of Gas Transported to utility-owned or third-party storage fields for injection into storage (Mscf)	Explanatory Notes / Comments
113,837	89,895,302	0	0	

Distribution System:

Total Annual Volume of Gas Used (Mscf)	Total Annual Volume of Gas Transported to or for Customers* in State (Mscf)	Total Annual Volume of Gas Transported to or for Customers* out of State (Mscf)	Explanatory Notes / Comments
108,245	88,279,954	0	

\*The term customers includes anyone that the utility is transporting gas for, including customers who purchase gas from the utility.

Customers can be anyone including residential, businesses, other utilities, gas transportation companies, etc.

**SDG&E, June 13th, 2025**

**Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.**

**In Response to Data Request, R15-01-008, 2025 June Report**

**Appendix 8; Rev. 03/27/2025**

**Summary Tables:**

Natural Gas Properties	Average Mole Percent	Explanatory Notes / Comments
Methane	94.68	Rainbow
Carbon Dioxide	0.31	Rainbow
Ethane	3.57	Rainbow
C3+	0.19	Rainbow
C6+	0.002	Rainbow
Oxygen	0.2	Estimated up to limit, Not Tested
Hydrogen		Not Tested
Sulfur	0.0003	Rainbow
Water	0.0147	Estimated to limit
Carbon Monoxide		Not Tested
Particulate Matter		Not Tested
Inert Gas	1.56	Rainbow
Odorant	0.000107	Estimated guideline rate