

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 Vented | 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                               | Vented             | 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 Vented Emissions              | Vented             | 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&B 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%)  | (2)  | (12.5%)   | -448   | (2.0%)  |  |
|                                       | Blowdowns                               | Vented             | 31   | 31                                      | NA   | 3  | Number of blowdown events: 232   | 3  | Number of blowdown events: 210   | -  | 0.0%  | (22)   | (9.5%)  | -28  | (90.1%)   |  |
| Transmission Compressor Stations      | Compressor Emissions                    | Vented             | 1,262  | 1,262                                   | NA   | 1,187  | Number of compressors: 10  | 1,105  | Number of compressors: 10  | (282)  | (20.3%)   | -  | 0.0%  | -187   | (14.4%)   | 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                               | Vented             | 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   | (54.1%)   | The decrease in emissions year-over-year can be attributed to a decreased average volume per blowdown during 2024 relative to 2023.  |
|                                       | Component Vented Emissions              | Vented             | NA   | 887                                     | NA   | 336  | Number of devices: 16  | 169  | Number of devices: 8   | (167)  | (49.3%)   | (8)  | (50.0%)   | -218   | (60.1%)   | 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%  | -2,964   | (84.4%)   | 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.  |
|                                       | Station Tank Leaks & Emissions          | Vented             | 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<br>Estimated number of unknown leaks: 140<br>Total number of leaks: 716 | 20,230   | Number of known leaks: 745<br>Estimated number of unknown leaks: 184<br>Total number of leaks: 929 | 5,539  | 37.2%   | 218  | 29.2%   | -13,039  | (40.6%)   | 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.   |
|                                       | All Damages                             | Fugitive           | 6,894  | 6,894                                   | NA   | 6,707  | Number of damages: 120   | 7,043  | Number of damages: 347   | 336  | 5.0%  | 27   | 8.8%  | -1,851   | (26.8%)   | The year-over-year increase in emissions can be attributed to an increase in the total number of damages.  |
|                                       | Blowdowns                               | Vented             | 45   | 45                                      | NA   | 51   | Number of blowdown events: 322   | 71   | Number of blowdown events: 325   | 20   | 39.2%   | 3  | 0.0%  | 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 Vented Emissions              | Vented             | 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&B Stations             | Station Leaks & Emissions               | Fugitive           | 80,978   | NA                                      | NA   | NA   | Number of stations: NA   | NA   | Number of stations: NA   | NA   | NA  | NA   | NA  | NA   | NA  |  |
|                                       | All Damages                             | Fugitive           | NA   | NA                                      | NA   | 0  | Number of damages: 0   | 0  | Number of damages: 0   | -  | -   | -  | -   | NA   | NA  |  |
|                                       | Blowdowns                               | Vented             | 16   | 16                                      | NA   | 18   | Number of blowdowns: 2,867   | 21   | Number of blowdowns: 2,902   | 3  | 16.7%   | 15   | 1.1%  | 5  | 31.3%   | Distribution M&B Blowdowns are a function of inspection activity level and can vary year-to-year.  |
|                                       | Component Emissions                     | Fugitive           | NA   | 0                                       | NA   | 0  | Number of emission items: 0  | 0  | Number of emission items: 0  | -  | -   | -  | -   | 0  | -   |  |
|                                       | Component Leaks                         | Vented             | NA   | 495                                     | NA   | 782  | Number of leaks: 74  | 644  | Number of leaks: 73  | (138)  | (17.4%)   | (2)  | (1.4%)  | 148  | 29.8%   | The year-over-year decrease in emissions can be attributed to a decreased average number of leak-days. All leaks were repaired in one day in 2023 and 2024, but due to the timing of leak detections and the methodology for estimating leak durations, the average number of leak-days was greater in 2023 than in 2024.                                      |
| Customer Meters                       | Meter Leaks                             | Fugitive           | 126,261  | 126,261                                 | NA   | 132,317  | Number of leaks: 5,939<br>Number of meters: 954,996  | 132,779  | Number of leaks: 8,176<br>Number of meters: 918,315  | 467  | 0.3%  | 3,172  | 0.8%  | 6,518  | 5.2%  | Note: Detection Method data in Emission Year 2023 were updated to reflect SDG&E's refined methodology for differentiating customer-identified leaks. 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. |
|                                       | All Damages                             | Fugitive           | NA   | NA                                      | NA   | 1,359  | Number of damages: 176   | 820  | Number of damages: 287   | (539)  | (39.7%)   | (11)   | (68.8%)   | NA   | NA  |  |
|                                       | Vented Emissions                        | Vented             | 54   | 54                                      | NA   | 56   | Number of blowdown events: 53,896  | 55   | Number of blowdown events: 53,315  | (18)   | (1.8%)  | (184)  | (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 Vented Emissions             | Vented             | NA   | NA                                      | NA   | NA   | NA   | NA   | NA   | NA   | NA  | NA   | NA  | NA   | NA  |  |
|                                       | Blowdowns                               | Vented             | NA   | NA                                      | NA   | NA   | NA   | NA   | NA   | NA   | NA  | NA   | NA  | NA   | NA  |  |
|                                       | Component Vented Emissions              | Vented             | 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               | Fugitive           | NA   | NA                                      | NA   | NA   | NA   | NA   | NA   | NA   | NA  | NA   | NA  | NA   | NA  |  |
| Unsucess Large Leaks                  |   | (Description)      |  |   |  |  |  | NA   | NA   | NA   | NA  | NA   | NA  | NA   | NA  |  |
| Total                                 |   |                    | 282,046  | 204,878                                 |  | 182,757  | NA   | 187,846  | NA   | 5,089  | 3%  | NA   | NA  | (17,933.06)  | (10%)   |  |

|                              |
|------------------------------|
| Legend                       |
| Revised on June 13, 2025     |
| Revised on August 8, 2025    |
| Revised on November 17, 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          |