

**Workpapers of Chapter 5 (Wei Bin Guo)**

**Application: A.22-09-015**

**SoCalGas and SDG&E**

**2024 Cost Allocation Proceeding**

(NONCORE AND CONSOLIDATED DEMAND FORECASTS)

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# **SoCalGas Consolidated Gas Demand**

## Marginal Demand Measures (MDM)

Marginal Demand Measures (MDMs) are used for rate design and cost allocation calculations. Figure 1, below, shows the relationships among the various MDMs that are provided in the accompanying tables.

**Figure 1**

Diagram Depicting the Relationships  
Among “Direct” and “Cumulative” MDMs

|                     |                      |  |  |                                      |
|---------------------|----------------------|--|--|--------------------------------------|
| <b>Direct Basis</b> | <b>D<sub>T</sub></b> | T (Transmission)   |  |                                      |
|                     | <b>D<sub>H</sub></b> | H (High Pressure)  | H (High Pressure)                                    |                                      |
|                     | <b>D<sub>M</sub></b> | M (Medium Pressure)  | M (Medium Pressure)                                  | M (Medium Pressure)                  |
|                     |                      | <b>C<sub>T</sub> = D<sub>T</sub> + D<sub>H</sub> + D<sub>M</sub></b> | <b>C<sub>H</sub> = D<sub>H</sub> + D<sub>M</sub></b> | <b>C<sub>M</sub> = D<sub>M</sub></b> |
|                     |                      | <b>Cumulative Basis</b>  |  |                                      |

For example, the MDM data in the tables below for Noncore C&I (G-30), Average Year throughput gas demand have *direct* values for various segments of pressure service:

$$D_T = 750,680 \text{ MTh}, \quad D_H = 602,390 \text{ MTh}, \quad \text{and} \quad D_M = 291,895 \text{ MTh}.$$

The corresponding *cumulative* totals are:

$$C_T = 1,644,965 \text{ MTh}, \quad C_H = 894,285 \text{ MTh}, \quad \text{and} \quad C_M = 291,895 \text{ MTh},$$

using the formulas indicated in the Figure 1, above.

|    | A                                 | B | C | D | E | F                  | G             | H | I                  | J             | K | L | M |
|----|-----------------------------------|---|---|---|---|--------------------|---------------|---|--------------------|---------------|---|---|---|
| 1  | <b>2024 CAP: SoCalGas</b>         |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 2  | <b>Consolidated Gas Demand</b>    |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 3  | <b>Forecast Summary (Mtherms)</b> |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 4  |                                   |   |   |   |   | <b>Btu Factor:</b> | <b>1.0322</b> |   |                    |               |   |   |   |
| 5  |                                   |   |   |   |   |                    |               |   | <b>Co-Use-Fuel</b> | <b>UAF</b>    |   |   |   |
| 6  |                                   |   |   |   |   |                    |               |   | <b>0.275%</b>      | <b>0.787%</b> |   |   |   |
| 7  |                                   |   |   |   |   |                    |               |   | <b>0.278%</b>      | <b>0.795%</b> |   |   |   |
| 8  |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 9  | <b>Forecast Summary</b>           |   |   |   |   | <b>MDM</b>         |               |   |                    |               |   |   |   |
| 10 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 11 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 12 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 13 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 14 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 15 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 16 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 17 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 18 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 19 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 20 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 21 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 22 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 23 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 24 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 25 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 26 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 27 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 28 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 29 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 30 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 31 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 32 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 33 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |

|    | A                                 | B | C | D | E | F                  | G             | H | I                  | J             | K | L | M |
|----|-----------------------------------|---|---|---|---|--------------------|---------------|---|--------------------|---------------|---|---|---|
| 1  | <b>2024 CAP: SoCalGas</b>         |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 2  | <b>Consolidated Gas Demand</b>    |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 3  | <b>Forecast Summary (Mtherms)</b> |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 4  |                                   |   |   |   |   | <b>Btu Factor:</b> | <b>1.0322</b> |   |                    |               |   |   |   |
| 5  |                                   |   |   |   |   |                    |               |   | <b>Co-Use-Fuel</b> | <b>UAF</b>    |   |   |   |
| 6  |                                   |   |   |   |   |                    |               |   | <b>0.275%</b>      | <b>0.787%</b> |   |   |   |
| 7  |                                   |   |   |   |   |                    |               |   | <b>0.278%</b>      | <b>0.795%</b> |   |   |   |
| 8  |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 9  |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 10 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 11 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 12 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 13 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 14 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 15 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 16 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 17 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 18 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 19 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 20 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 21 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 22 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 23 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 24 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 25 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 26 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 27 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 28 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 29 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 30 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 31 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 32 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 33 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 34 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 35 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 36 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 37 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 38 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 39 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 40 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 41 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 42 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 43 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 44 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 45 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 46 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 47 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 48 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 49 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 50 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 51 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 52 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 53 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 54 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 55 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |
| 56 |                                   |   |   |   |   |                    |               |   |                    |               |   |   |   |

|    | A  | B          | C                | D                 | E           | N                        | O                       | P                        | Q                        | R                       | S                                    | T                 | U | V | W | X |
|----|--|------------|------------------|-------------------|-------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------------------|-------------------|---|---|---|---|
| 1  | <b>2024 CAP: SoCalGas</b>                        |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 2  | <b>Consolidated Gas Demand</b>                   |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 3  | <b>Forecast Summary (Mtherms)</b>                |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 4  |  |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 5  |  |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 6  | MDM #Yrs Av (3- or                               |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 7  | 4-yr)  |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 8  | 4  |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 9  | <b>Forecast Summary</b>                          | <b>MDM</b> |                  |                   |             | <b>Noncore - C&amp;I</b> | <b>EG-Dist</b>          | <b>EG-Trans</b>          | <b>EG-Dist</b>           | <b>EG-Trans</b>         | <b>Noncore - Electric Generation</b> |                   |   |   |   |   |
| 10 |  |            | <b>G-30 Dist</b> | <b>G-30 Trans</b> | <b>G-30</b> | <b>EG (&lt;3MMThms)</b>  | <b>EG (&lt;3MMThms)</b> | <b>EG (&gt;=3MMThms)</b> | <b>EG (&gt;=3MMThms)</b> | <b>EG (&lt;3MMThms)</b> | <b>EG (&gt;=3MMThms)</b>             | <b>EG (Total)</b> |   |   |   |   |
| 11 | << CAP Period >> January 2024 - December 2027    |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 12 | <b>DIRECT (%s Load or Cust/Mtrs Sum to 100%)</b> |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 13 | Transmission %-Load:                             |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 14 | Average Year Throughput (MTh)                    | 0          | 750,680          | 750,680           | 0           | 7,305                    | 0                       | 1,793,664                | 7,305                    | 1,793,664               | 1,800,969                            |                   |   |   |   |   |
| 15 | Cold Year Throughput (1-in-35) (MTh)             | 0          | 750,804          | 750,804           | 0           | 7,305                    | 0                       | 1,793,664                | 7,305                    | 1,793,664               | 1,800,969                            |                   |   |   |   |   |
| 16 | Cold Year Peak Month (December) (MTh)            | 0          | 67,185           | 67,185            | 0           | 489                      | 0                       | 143,894                  | 489                      | 143,894                 | 144,383                              |                   |   |   |   |   |
| 17 | Peak Day (see note a/ below) (MTh)               | 0          | 2,733            | 2,733             | 0           | 23                       | 0                       | 5,193                    | 23                       | 5,193                   | 5,216                                |                   |   |   |   |   |
| 18 | %-Cust/Mtrs:                                     |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 19 | Number of Customers                              | 0          | 30               | 30                | 0           | 13                       | 0                       | 35                       | 13                       | 35                      | 48                                   |                   |   |   |   |   |
| 20 | High Pressure %-Load:                            |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 21 | Average Year Throughput (MTh)                    | 602,390    | 0                | 602,390           | 28,646      | 0                        | 177,614                 | 0                        | 28,646                   | 177,614                 | 206,260                              |                   |   |   |   |   |
| 22 | Cold Year Throughput (1-in-35) (MTh)             | 603,335    | 0                | 603,335           | 28,646      | 0                        | 177,614                 | 0                        | 28,646                   | 177,614                 | 206,260                              |                   |   |   |   |   |
| 23 | Cold Year Peak Month (December) (MTh)            | 50,321     | 0                | 50,321            | 2,414       | 0                        | 14,694                  | 0                        | 2,414                    | 14,694                  | 17,108                               |                   |   |   |   |   |
| 24 | Peak Day (see note a/ below) (MTh)               | 2,060      | 0                | 2,060             | 88          | 0                        | 508                     | 0                        | 88                       | 508                     | 596                                  |                   |   |   |   |   |
| 25 | %-Cust/Mtrs:                                     |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 26 | Number of Customers                              | 201        | 0                | 201               | 36          | 0                        | 19                      | 0                        | 36                       | 19                      | 55                                   |                   |   |   |   |   |
| 27 | Medium Pressure %-Load:                          |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 28 | Average Year Throughput (MTh)                    | 291,895    | 0                | 291,895           | 86,022      | 0                        | 42,998                  | 0                        | 86,022                   | 42,998                  | 129,021                              |                   |   |   |   |   |
| 29 | Cold Year Throughput (1-in-35) (MTh)             | 293,691    | 0                | 293,691           | 86,022      | 0                        | 42,998                  | 0                        | 86,022                   | 42,998                  | 129,021                              |                   |   |   |   |   |
| 30 | Cold Year Peak Month (December) (MTh)            | 25,646     | 0                | 25,646            | 7,317       | 0                        | 3,653                   | 0                        | 7,317                    | 3,653                   | 10,970                               |                   |   |   |   |   |
| 31 | Peak Day (see note a/ below) (MTh)               | 1,042      | 0                | 1,042             | 236         | 0                        | 118                     | 0                        | 236                      | 118                     | 354                                  |                   |   |   |   |   |
| 32 | %-Cust/Mtrs:                                     |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 33 | Number of Customers                              | 325        | 0                | 325               | 273         | 0                        | 6                       | 0                        | 273                      | 6                       | 279                                  |                   |   |   |   |   |

|    | A   | B          | C                | D                 | E           | N                        | O                       | P                        | Q                        | R                       | S                                    | T                 | U | V | W | X |
|----|---|------------|------------------|-------------------|-------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------------------|-------------------|---|---|---|---|
| 1  | <b>2024 CAP: SoCalGas</b>                     |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 2  | <b>Consolidated Gas Demand</b>                |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 3  | <b>Forecast Summary (Mtherms)</b>             |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 4  |   |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 5  |   |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 6  | MDM #Yrs Av (3- or                            |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 7  | 4-yr)   |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 8  | 4   |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 9  | <b>Forecast Summary</b>                       | <b>MDM</b> |                  |                   |             | <b>Noncore - C&amp;I</b> | <b>EG-Dist</b>          | <b>EG-Trans</b>          | <b>EG-Dist</b>           | <b>EG-Trans</b>         | <b>Noncore - Electric Generation</b> |                   |   |   |   |   |
| 10 |   |            | <b>G-30 Dist</b> | <b>G-30 Trans</b> | <b>G-30</b> | <b>EG (&lt;3MMThms)</b>  | <b>EG (&lt;3MMThms)</b> | <b>EG (&gt;=3MMThms)</b> | <b>EG (&gt;=3MMThms)</b> | <b>EG (&lt;3MMThms)</b> | <b>(&gt;=3MMThms)</b>                | <b>EG (Total)</b> |   |   |   |   |
| 11 | << CAP Period >> January 2024 - December 2027 |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 34 | <b>CUMULATIVE (Calc'd from DIRECT %'s)</b>    |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 35 | Transmission %-Load:                          |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 36 | Average Year Throughput (MTh)                 | 894,285    | 750,680          | 1,644,965         | 114,668     | 7,305                    | 220,612                 | 1,793,664                | 121,973                  | 2,014,276               | 2,136,249                            |                   |   |   |   |   |
| 37 | Cold Year Throughput (1-in-35) (MTh)          | 897,026    | 750,804          | 1,647,830         | 114,668     | 7,305                    | 220,612                 | 1,793,664                | 121,973                  | 2,014,276               | 2,136,249                            |                   |   |   |   |   |
| 38 | Cold Year Peak Month (December) (MTh)         | 75,967     | 67,185           | 143,152           | 9,731       | 489                      | 18,348                  | 143,894                  | 10,220                   | 162,242                 | 172,461                              |                   |   |   |   |   |
| 39 | Peak Day (see note a/ below) (MTh)            | 3,102      | 2,733            | 5,835             | 324         | 23                       | 626                     | 5,193                    | 347                      | 5,819                   | 6,166                                |                   |   |   |   |   |
| 40 | %-Cust/Mtrs:                                  |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 41 | Number of Customers                           | 526        | 30               | 556               | 309         | 13                       | 25                      | 35                       | 322                      | 60                      | 382                                  |                   |   |   |   |   |
| 42 | High Pressure %-Load:                         |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 43 | Average Year Throughput (MTh)                 | 894,285    | 0                | 894,285           | 114,668     | 0                        | 220,612                 | 0                        | 114,668                  | 220,612                 | 335,280                              |                   |   |   |   |   |
| 44 | Cold Year Throughput (1-in-35) (MTh)          | 897,026    | 0                | 897,026           | 114,668     | 0                        | 220,612                 | 0                        | 114,668                  | 220,612                 | 335,280                              |                   |   |   |   |   |
| 45 | Cold Year Peak Month (December) (MTh)         | 75,967     | 0                | 75,967            | 9,731       | 0                        | 18,348                  | 0                        | 9,731                    | 18,348                  | 28,078                               |                   |   |   |   |   |
| 46 | Peak Day (see note a/ below) (MTh)            | 3,102      | 0                | 3,102             | 324         | 0                        | 626                     | 0                        | 324                      | 626                     | 950                                  |                   |   |   |   |   |
| 47 | %-Cust/Mtrs:                                  |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 48 | Number of Customers                           | 526        | 0                | 526               | 309         | 0                        | 25                      | 0                        | 309                      | 25                      | 334                                  |                   |   |   |   |   |
| 49 | Medium Pressure %-Load:                       |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 50 | Average Year Throughput (MTh)                 | 291,895    | 0                | 291,895           | 86,022      | 0                        | 42,998                  | 0                        | 86,022                   | 42,998                  | 129,021                              |                   |   |   |   |   |
| 51 | Cold Year Throughput (1-in-35) (MTh)          | 293,691    | 0                | 293,691           | 86,022      | 0                        | 42,998                  | 0                        | 86,022                   | 42,998                  | 129,021                              |                   |   |   |   |   |
| 52 | Cold Year Peak Month (December) (MTh)         | 25,646     | 0                | 25,646            | 7,317       | 0                        | 3,653                   | 0                        | 7,317                    | 3,653                   | 10,970                               |                   |   |   |   |   |
| 53 | Peak Day (see note a/ below) (MTh)            | 1,042      | 0                | 1,042             | 236         | 0                        | 118                     | 0                        | 236                      | 118                     | 354                                  |                   |   |   |   |   |
| 54 | %-Cust/Mtrs:                                  |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 55 | Number of Customers                           | 325        | 0                | 325               | 273         | 0                        | 6                       | 0                        | 273                      | 6                       | 279                                  |                   |   |   |   |   |
|    | <b>Note: a/</b>                               |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |
| 56 |   |            |                  |                   |             |                          |                         |                          |                          |                         |                                      |                   |   |   |   |   |



|    | A  | B                                     | C          | D       | E      | Y       | Z | AA                  | AB | AC                    | AD |
|----|--|---------------------------------------|------------|---------|--------|---------|---|---------------------|----|-----------------------|----|
| 1  | <b>2024 CAP: SoCalGas</b>                        |                                       |            |         |        |         |   |                     |    |                       |    |
| 2  | <b>Consolidated Gas Demand</b>                   |                                       |            |         |        |         |   |                     |    |                       |    |
| 3  | <b>Forecast Summary (Mtherms)</b>                |                                       |            |         |        |         |   |                     |    |                       |    |
| 4  |  |                                       |            |         |        |         |   |                     |    |                       |    |
| 5  |  |                                       |            |         |        |         |   |                     |    |                       |    |
| 6  |  | MDM #Yrs Av (3- or<br>4-yr)           |            |         |        |         |   |                     |    |                       |    |
| 7  |  | 4                                     |            |         |        |         |   |                     |    |                       |    |
| 8  |  |                                       |            |         |        |         |   |                     |    |                       |    |
| 9  | <b>Forecast Summary</b>                          |                                       | <b>MDM</b> |         |        |         |   | <b>Noncore- EOR</b> |    | <b>Total</b>          |    |
| 10 |  |                                       |            |         |        |         |   |                     |    | <b>Retail Noncore</b> |    |
| 11 | << CAP Period >> January 2024 - December 2027    |                                       |            |         |        |         |   |                     |    |                       |    |
| 12 | <b>DIRECT (%s Load or Cust/Mtrs Sum to 100%)</b> |                                       |            |         |        |         |   |                     |    |                       |    |
| 13 | Transmission                                     | %Load:                                |            |         |        |         |   |                     |    |                       |    |
| 14 |  | Average Year Throughput (MTh)         |            | 0       | 43,565 | 43,565  |   |                     |    | <b>2,595,214</b>      |    |
| 15 |  | Cold Year Throughput (1-in-35) (MTh)  |            | 0       | 43,565 | 43,565  |   |                     |    | <b>2,595,338</b>      |    |
| 16 |  | Cold Year Peak Month (December) (MTh) |            | 0       | 3,700  | 3,700   |   |                     |    | <b>215,269</b>        |    |
| 17 |  | Peak Day (see note a/ below) (MTh)    |            | 0       | 119    | 119     |   |                     |    | <b>8,068</b>          |    |
| 18 |  | %Cust/Mtrs:                           |            |         |        |         |   |                     |    |                       |    |
| 19 |  | Number of Customers                   |            | 0       | 14     | 14      |   |                     |    | <b>92</b>             |    |
| 20 | High Pressure                                    | %Load:                                |            |         |        |         |   |                     |    |                       |    |
| 21 |  | Average Year Throughput (MTh)         |            | 110,488 | 0      | 110,488 |   |                     |    | <b>919,138</b>        |    |
| 22 |  | Cold Year Throughput (1-in-35) (MTh)  |            | 110,488 | 0      | 110,488 |   |                     |    | <b>920,083</b>        |    |
| 23 |  | Cold Year Peak Month (December) (MTh) |            | 9,384   | 0      | 9,384   |   |                     |    | <b>76,813</b>         |    |
| 24 |  | Peak Day (see note a/ below) (MTh)    |            | 303     | 0      | 303     |   |                     |    | <b>2,959</b>          |    |
| 25 |  | %Cust/Mtrs:                           |            |         |        |         |   |                     |    |                       |    |
| 26 |  | Number of Customers                   |            | 16      | 0      | 16      |   |                     |    | <b>272</b>            |    |
| 27 | Medium Pressure                                  | %Load:                                |            |         |        |         |   |                     |    |                       |    |
| 28 |  | Average Year Throughput (MTh)         |            | 13      | 0      | 13      |   |                     |    | <b>420,929</b>        |    |
| 29 |  | Cold Year Throughput (1-in-35) (MTh)  |            | 13      | 0      | 13      |   |                     |    | <b>422,725</b>        |    |
| 30 |  | Cold Year Peak Month (December) (MTh) |            | 1       | 0      | 1       |   |                     |    | <b>36,617</b>         |    |
| 31 |  | Peak Day (see note a/ below) (MTh)    |            | 0       | 0      | 0       |   |                     |    | <b>1,396</b>          |    |
| 32 |  | %Cust/Mtrs:                           |            |         |        |         |   |                     |    |                       |    |
| 33 |  | Number of Customers                   |            | 2       | 0      | 2       |   |                     |    | <b>606</b>            |    |

|    | A   | B                                     | C          | D       | E      | Y       | Z | AA                  | AB | AC                    | AD |
|----|---|---------------------------------------|------------|---------|--------|---------|---|---------------------|----|-----------------------|----|
| 1  | <b>2024 CAP: SoCalGas</b>                     |                                       |            |         |        |         |   |                     |    |                       |    |
| 2  | <b>Consolidated Gas Demand</b>                |                                       |            |         |        |         |   |                     |    |                       |    |
| 3  | <b>Forecast Summary (Mtherms)</b>             |                                       |            |         |        |         |   |                     |    |                       |    |
| 4  |   |                                       |            |         |        |         |   |                     |    |                       |    |
| 5  |   |                                       |            |         |        |         |   |                     |    |                       |    |
| 6  |   | MDM #Yrs Av (3- or<br>4-yr)           |            |         |        |         |   |                     |    |                       |    |
| 7  |   | 4                                     |            |         |        |         |   |                     |    |                       |    |
| 8  |   |                                       |            |         |        |         |   |                     |    |                       |    |
| 9  | <b>Forecast Summary</b>                       |                                       | <b>MDM</b> |         |        |         |   | <b>Noncore- EOR</b> |    | <b>Total</b>          |    |
| 10 |   |                                       |            |         |        |         |   |                     |    | <b>Retail Noncore</b> |    |
| 11 | << CAP Period >> January 2024 - December 2027 |                                       |            |         |        |         |   |                     |    |                       |    |
| 34 | <b>CUMULATIVE (Calc'd from DIRECT %'s)</b>    |                                       |            |         |        |         |   |                     |    |                       |    |
| 35 | Transmission                                  | % -Load:                              |            |         |        |         |   |                     |    |                       |    |
| 36 |   | Average Year Throughput (MTh)         |            | 110,501 | 43,565 | 154,067 |   |                     |    | <b>3,935,281</b>      |    |
| 37 |   | Cold Year Throughput (1-in-35) (MTh)  |            | 110,501 | 43,565 | 154,067 |   |                     |    | <b>3,938,146</b>      |    |
| 38 |   | Cold Year Peak Month (December) (MTh) |            | 9,385   | 3,700  | 13,085  |   |                     |    | <b>328,698</b>        |    |
| 39 |   | Peak Day (see note a/ below) (MTh)    |            | 303     | 119    | 422     |   |                     |    | <b>12,423</b>         |    |
| 40 |   | % -Cust/Mtrs:                         |            |         |        |         |   |                     |    |                       |    |
| 41 |   | Number of Customers                   |            | 18      | 14     | 32      |   |                     |    | <b>970</b>            |    |
| 42 | High Pressure                                 | % -Load:                              |            |         |        |         |   |                     |    |                       |    |
| 43 |   | Average Year Throughput (MTh)         |            | 110,501 | 0      | 110,501 |   |                     |    | <b>1,340,067</b>      |    |
| 44 |   | Cold Year Throughput (1-in-35) (MTh)  |            | 110,501 | 0      | 110,501 |   |                     |    | <b>1,342,808</b>      |    |
| 45 |   | Cold Year Peak Month (December) (MTh) |            | 9,385   | 0      | 9,385   |   |                     |    | <b>113,430</b>        |    |
| 46 |   | Peak Day (see note a/ below) (MTh)    |            | 303     | 0      | 303     |   |                     |    | <b>4,355</b>          |    |
| 47 |   | % -Cust/Mtrs:                         |            |         |        |         |   |                     |    |                       |    |
| 48 |   | Number of Customers                   |            | 18      | 0      | 18      |   |                     |    | <b>878</b>            |    |
| 49 | Medium Pressure                               | % -Load:                              |            |         |        |         |   |                     |    |                       |    |
| 50 |   | Average Year Throughput (MTh)         |            | 13      | 0      | 13      |   |                     |    | <b>420,929</b>        |    |
| 51 |   | Cold Year Throughput (1-in-35) (MTh)  |            | 13      | 0      | 13      |   |                     |    | <b>422,725</b>        |    |
| 52 |   | Cold Year Peak Month (December) (MTh) |            | 1       | 0      | 1       |   |                     |    | <b>36,617</b>         |    |
| 53 |   | Peak Day (see note a/ below) (MTh)    |            | 0       | 0      | 0       |   |                     |    | <b>1,396</b>          |    |
| 54 |   | % -Cust/Mtrs:                         |            |         |        |         |   |                     |    |                       |    |
| 55 |   | Number of Customers                   |            | 2       | 0      | 2       |   |                     |    | <b>606</b>            |    |
|    | <b>Note: a/</b>                               |                                       |            |         |        |         |   |                     |    |                       |    |
| 56 |   |                                       |            |         |        |         |   |                     |    |                       |    |

|                          | A  | B | C                 | D       | E             | AE      | AF               | AG      | AH               | AI      | AJ               | AK               | AL           | AM | AN | AO |                          |   |
|--------------------------|--|---|-------------------|---------|---------------|---------|------------------|---------|------------------|---------|------------------|------------------|--------------|----|----|----|--------------------------|---|
| 1                        | <b>2024 CAP: SoCalGas</b>  |   |                   |         |               |         |                  |         |                  |         |                  |                  |              |    |    |    |                          |   |
| 2                        | <b>Consolidated Gas Demand</b>   |   |                   |         |               |         |                  |         |                  |         |                  |                  |              |    |    |    |                          |   |
| 3                        | <b>Forecast Summary (Mtherms)</b>  |   |                   |         |               |         |                  |         |                  |         |                  |                  |              |    |    |    |                          |   |
| 4                        |  |   |                   |         |               |         |                  |         |                  |         |                  |                  |              |    |    |    |                          |   |
| 5                        |  |   |                   |         |               |         |                  |         |                  |         |                  |                  |              |    |    |    |                          |   |
| 6                        | <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px;">MDM #Yrs Av (3- or 4-yr)</td> </tr> <tr> <td style="text-align: center; padding: 2px;">4</td> </tr> </table> |   |                   |         |               |         |                  |         |                  |         |                  |                  |              |    |    |    | MDM #Yrs Av (3- or 4-yr) | 4 |
| MDM #Yrs Av (3- or 4-yr) |  |   |                   |         |               |         |                  |         |                  |         |                  |                  |              |    |    |    |                          |   |
| 4                        |  |   |                   |         |               |         |                  |         |                  |         |                  |                  |              |    |    |    |                          |   |
| 7                        |  |   |                   |         |               |         |                  |         |                  |         |                  |                  |              |    |    |    |                          |   |
| 8                        |  |   |                   |         |               |         |                  |         |                  |         |                  |                  |              |    |    |    |                          |   |
| 9                        | <b>Forecast Summary</b>  |   | <b>MDM</b>        |         |               |         |                  |         |                  |         |                  |                  |              |    |    |    |                          |   |
| 10                       |  |   | Wholesale Noncore |         |               |         | Total Wholesale  |         | International NC |         | Total Noncore    |                  | Total System |    |    |    |                          |   |
| 11                       | << CAP Period >> January 2024 - December 2027  |   | Long Beach        | SDG&E   | Southwest Gas | Vernon  |                  |         | Ecogas           |         |                  |                  |              |    |    |    |                          |   |
| 12                       | <b>DIRECT (%'s Load or Cust/Mtrs Sum to 100%)</b>  |   |                   |         |               |         |                  |         |                  |         |                  |                  |              |    |    |    |                          |   |
| 13                       | Transmission   |   | %-Load:           |         | 100.00%       | 100.00% | 100.00%          | 100.00% |                  |         | 100.00%          |                  |              |    |    |    |                          |   |
| 14                       | Average Year Throughput (MTh)  |   | 91,703            | 841,578 | 74,685        | 97,040  | <b>1,105,006</b> |         |                  | 139,490 | <b>3,839,710</b> | <b>3,869,464</b> |              |    |    |    |                          |   |
| 15                       | Cold Year Throughput (1-in-35) (MTh)   |   | 98,542            | 876,461 | 80,459        | 97,803  | <b>1,153,265</b> |         |                  | 139,490 | <b>3,888,093</b> | <b>3,918,112</b> |              |    |    |    |                          |   |
| 16                       | Cold Year Peak Month (December) (MTh)  |   | 13,116            | 99,379  | 12,721        | 8,281   | <b>133,498</b>   |         |                  | 11,112  | <b>359,878</b>   | <b>362,687</b>   |              |    |    |    |                          |   |
| 17                       | Peak Day (see note a/ below) (MTh)   |   | 662               | 5,413   | 586           | 293     | <b>6,955</b>     |         |                  | 379     | <b>15,402</b>    | <b>15,509</b>    |              |    |    |    |                          |   |
| 18                       | %-Cust/Mtrs:   |   | 100.00%           | 100.00% | 100.00%       | 100.00% |                  |         | 100.00%          |         |                  |                  |              |    |    |    |                          |   |
| 19                       | Number of Customers  |   | 1                 | 1       | 1             | 1       | <b>4</b>         |         |                  | 1       | <b>97</b>        | <b>211</b>       |              |    |    |    |                          |   |
| 20                       | High Pressure  |   | %-Load:           |         | 0.00%         | 0.00%   | 0.00%            | 0.00%   |                  |         | 0.00%            |                  |              |    |    |    |                          |   |
| 21                       | Average Year Throughput (MTh)  |   | 0                 | 0       | 0             | 0       | <b>0</b>         |         |                  | 0       | <b>919,138</b>   | <b>1,038,858</b> |              |    |    |    |                          |   |
| 22                       | Cold Year Throughput (1-in-35) (MTh)   |   | 0                 | 0       | 0             | 0       | <b>0</b>         |         |                  | 0       | <b>920,083</b>   | <b>1,042,053</b> |              |    |    |    |                          |   |
| 23                       | Cold Year Peak Month (December) (MTh)  |   | 0                 | 0       | 0             | 0       | <b>0</b>         |         |                  | 0       | <b>76,813</b>    | <b>89,164</b>    |              |    |    |    |                          |   |
| 24                       | Peak Day (see note a/ below) (MTh)   |   | -                 | -       | -             | -       | <b>0</b>         |         |                  | -       | <b>2,959</b>     | <b>3,494</b>     |              |    |    |    |                          |   |
| 25                       | %-Cust/Mtrs:   |   | 0.00%             | 0.00%   | 0.00%         | 0.00%   |                  |         | 0.00%            |         |                  |                  |              |    |    |    |                          |   |
| 26                       | Number of Customers  |   | -                 | -       | -             | -       | <b>0</b>         |         |                  | -       | <b>272</b>       | <b>8,231</b>     |              |    |    |    |                          |   |
| 27                       | Medium Pressure  |   | %-Load:           |         | 0.00%         | 0.00%   | 0.00%            | 0.00%   |                  |         | 0.00%            |                  |              |    |    |    |                          |   |
| 28                       | Average Year Throughput (MTh)  |   | 0                 | 0       | 0             | 0       | <b>0</b>         |         |                  | 0       | <b>420,929</b>   | <b>3,524,811</b> |              |    |    |    |                          |   |
| 29                       | Cold Year Throughput (1-in-35) (MTh)   |   | 0                 | 0       | 0             | 0       | <b>0</b>         |         |                  | 0       | <b>422,725</b>   | <b>3,732,201</b> |              |    |    |    |                          |   |
| 30                       | Cold Year Peak Month (December) (MTh)  |   | 0                 | 0       | 0             | 0       | <b>0</b>         |         |                  | 0       | <b>36,617</b>    | <b>497,224</b>   |              |    |    |    |                          |   |
| 31                       | Peak Day (see note a/ below) (MTh)   |   | -                 | -       | -             | -       | <b>0</b>         |         |                  | -       | <b>1,396</b>     | <b>28,766</b>    |              |    |    |    |                          |   |
| 32                       | %-Cust/Mtrs:   |   | 0.00%             | 0.00%   | 0.00%         | 0.00%   |                  |         | 0.00%            |         |                  |                  |              |    |    |    |                          |   |
| 33                       | Number of Customers  |   | -                 | -       | -             | -       | <b>0</b>         |         |                  | -       | <b>606</b>       | <b>6,050,291</b> |              |    |    |    |                          |   |

|                          | A  | B | C                                     | D | E       | AE | AF                | AG    | AH            | AI     | AJ        | AK               | AL        | AM      | AN        | AO |                          |   |
|--------------------------|--|---|---------------------------------------|---|---------|----|-------------------|-------|---------------|--------|-----------|------------------|-----------|---------|-----------|----|--------------------------|---|
| 1                        | <b>2024 CAP: SoCalGas</b>  |   |                                       |   |         |    |                   |       |               |        |           |                  |           |         |           |    |                          |   |
| 2                        | <b>Consolidated Gas Demand</b>   |   |                                       |   |         |    |                   |       |               |        |           |                  |           |         |           |    |                          |   |
| 3                        | <b>Forecast Summary (Mtherms)</b>  |   |                                       |   |         |    |                   |       |               |        |           |                  |           |         |           |    |                          |   |
| 4                        |  |   |                                       |   |         |    |                   |       |               |        |           |                  |           |         |           |    |                          |   |
| 5                        |  |   |                                       |   |         |    |                   |       |               |        |           |                  |           |         |           |    |                          |   |
| 6                        | <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px;">MDM #Yrs Av (3- or 4-yr)</td> </tr> <tr> <td style="text-align: center; padding: 2px;">4</td> </tr> </table> |   |                                       |   |         |    |                   |       |               |        |           |                  |           |         |           |    | MDM #Yrs Av (3- or 4-yr) | 4 |
| MDM #Yrs Av (3- or 4-yr) |  |   |                                       |   |         |    |                   |       |               |        |           |                  |           |         |           |    |                          |   |
| 4                        |  |   |                                       |   |         |    |                   |       |               |        |           |                  |           |         |           |    |                          |   |
| 7                        |  |   |                                       |   |         |    |                   |       |               |        |           |                  |           |         |           |    |                          |   |
| 8                        |  |   |                                       |   |         |    |                   |       |               |        |           |                  |           |         |           |    |                          |   |
| 9                        | <b>Forecast Summary</b>  |   | <b>MDM</b>                            |   |         |    |                   |       |               |        |           |                  |           |         |           |    |                          |   |
| 10                       |  |   |                                       |   |         |    | Wholesale Noncore |       |               |        | Total     | International NC |           | Total   | Total     |    |                          |   |
| 11                       | << CAP Period >> January 2024 - December 2027  |   |                                       |   |         |    | Long Beach        | SDG&E | Southwest Gas | Vernon | Wholesale | Ecogas           |           | Noncore | System    |    |                          |   |
| 34                       | <b>CUMULATIVE (Calc'd from DIRECT %'s)</b>   |   |                                       |   |         |    |                   |       |               |        |           |                  |           |         |           |    |                          |   |
| 35                       | Transmission   |   | %-Load:                               |   | 100.00% |    | 100.00%           |       | 100.00%       |        | 100.00%   |                  | 100.00%   |         |           |    |                          |   |
| 36                       |  |   | Average Year Throughput (MTh)         |   | 91,703  |    | 841,578           |       | 74,685        |        | 97,040    |                  | 1,105,006 |         | 139,490   |    |                          |   |
| 37                       |  |   | Cold Year Throughput (1-in-35) (MTh)  |   | 98,542  |    | 876,461           |       | 80,459        |        | 97,803    |                  | 1,153,265 |         | 139,490   |    |                          |   |
| 38                       |  |   | Cold Year Peak Month (December) (MTh) |   | 13,116  |    | 99,379            |       | 12,721        |        | 8,281     |                  | 133,498   |         | 11,112    |    |                          |   |
| 39                       |  |   | Peak Day (see note a/ below) (MTh)    |   | 662     |    | 5,413             |       | 586           |        | 293       |                  | 6,955     |         | 379       |    |                          |   |
| 40                       |  |   | %-Cust/Mtrs:                          |   | 100.00% |    | 100.00%           |       | 100.00%       |        | 100.00%   |                  | 100.00%   |         | 100.00%   |    |                          |   |
| 41                       |  |   | Number of Customers                   |   | 1       |    | 1                 |       | 1             |        | 1         |                  | 4         |         | 1         |    |                          |   |
| 42                       | High Pressure  |   | %-Load:                               |   | 0.00%   |    | 0.00%             |       | 0.00%         |        | 0.00%     |                  | 0.00%     |         | 0.00%     |    |                          |   |
| 43                       |  |   | Average Year Throughput (MTh)         |   | 0       |    | 0                 |       | 0             |        | 0         |                  | 0         |         | 1,340,067 |    |                          |   |
| 44                       |  |   | Cold Year Throughput (1-in-35) (MTh)  |   | 0       |    | 0                 |       | 0             |        | 0         |                  | 0         |         | 1,342,808 |    |                          |   |
| 45                       |  |   | Cold Year Peak Month (December) (MTh) |   | 0       |    | 0                 |       | 0             |        | 0         |                  | 0         |         | 113,430   |    |                          |   |
| 46                       |  |   | Peak Day (see note a/ below) (MTh)    |   | 0       |    | 0                 |       | 0             |        | 0         |                  | 0         |         | 4,355     |    |                          |   |
| 47                       |  |   | %-Cust/Mtrs:                          |   | 0.00%   |    | 0.00%             |       | 0.00%         |        | 0.00%     |                  | 0.00%     |         | 0.00%     |    |                          |   |
| 48                       |  |   | Number of Customers                   |   | 0       |    | 0                 |       | 0             |        | 0         |                  | 0         |         | 878       |    |                          |   |
| 49                       | Medium Pressure  |   | %-Load:                               |   | 0.00%   |    | 0.00%             |       | 0.00%         |        | 0.00%     |                  | 0.00%     |         | 0.00%     |    |                          |   |
| 50                       |  |   | Average Year Throughput (MTh)         |   | 0       |    | 0                 |       | 0             |        | 0         |                  | 0         |         | 420,929   |    |                          |   |
| 51                       |  |   | Cold Year Throughput (1-in-35) (MTh)  |   | 0       |    | 0                 |       | 0             |        | 0         |                  | 0         |         | 422,725   |    |                          |   |
| 52                       |  |   | Cold Year Peak Month (December) (MTh) |   | 0       |    | 0                 |       | 0             |        | 0         |                  | 0         |         | 36,617    |    |                          |   |
| 53                       |  |   | Peak Day (see note a/ below) (MTh)    |   | 0       |    | 0                 |       | 0             |        | 0         |                  | 0         |         | 1,396     |    |                          |   |
| 54                       |  |   | %-Cust/Mtrs:                          |   | 0.00%   |    | 0.00%             |       | 0.00%         |        | 0.00%     |                  | 0.00%     |         | 0.00%     |    |                          |   |
| 55                       |  |   | Number of Customers                   |   | 0       |    | 0                 |       | 0             |        | 0         |                  | 0         |         | 606       |    |                          |   |
| 56                       | <b>Note: a/</b>  |   |                                       |   |         |    |                   |       |               |        |           |                  |           |         |           |    |                          |   |

|     | A  | B           | C         | D       | E      | F       | G      | H | I | J | K | L | M            |           |
|-----|--|-------------|-----------|---------|--------|---------|--------|---|---|---|---|---|--------------|-----------|
| 1   | <b>2024 CAP: SoCalGas Consolidated Gas Demand Forecast Summary (Mtherms)</b> |             |           |         |        |         |        |   |   |   |   |   |              |           |
| 59  | <b><u>ANNUAL FORECAST DATA</u></b>   |             |           |         |        |         |        |   |   |   |   |   |              |           |
| 60  | <b>Nonresidential Core</b>   |             |           |         |        |         |        |   |   |   |   |   | <b>Total</b> |           |
| 61  | <b>Average Year Throughput (Mth)</b>   |             |           |         |        |         |        |   |   |   |   |   | <b>Core</b>  |           |
| 62  |  | Residential | G-10      | G-AC    | G-GE   | G-NGV   |        |   |   |   |   |   |              |           |
| 63  | 2021   | 2,310,539   | 982,774   | 127     | 21,979 | 152,524 |        |   |   |   |   |   | 3,467,941    |           |
| 64  | 2022   | 2,297,785   | 961,435   | 140     | 19,830 | 155,058 |        |   |   |   |   |   | 3,434,248    |           |
| 65  | 2023   | 2,275,675   | 935,442   | 140     | 19,830 | 157,985 |        |   |   |   |   |   | 3,389,072    |           |
| 66  | 2024   | 2,243,620   | 911,088   | 140     | 19,830 | 161,363 |        |   |   |   |   |   | 3,336,041    |           |
| 67  | 2025   | 2,204,451   | 889,022   | 140     | 19,830 | 165,012 |        |   |   |   |   |   | 3,278,456    |           |
| 68  | 2026   | 2,167,666   | 869,687   | 140     | 19,830 | 168,851 |        |   |   |   |   |   | 3,226,174    |           |
| 69  | 2027   | 2,128,196   | 851,482   | 140     | 19,830 | 173,106 |        |   |   |   |   |   | 3,172,754    |           |
| 70  | 2028   | 2,086,264   | 832,851   | 140     | 19,830 | 177,580 |        |   |   |   |   |   | 3,116,666    |           |
| 71  |  |             |           |         |        |         |        |   |   |   |   |   |              |           |
| 72  | <b>Nonresidential Core</b>   |             |           |         |        |         |        |   |   |   |   |   | <b>Total</b> |           |
| 73  | <b>Average Year Sales (Mth)</b>  |             |           |         |        |         |        |   |   |   |   |   | <b>Core</b>  |           |
| 74  |  | Residential | G-10      | G-AC    | G-GE   | G-NGV   |        |   |   |   |   |   |              |           |
| 75  | 2021   | 365         | 2,285,743 | 872,705 | 127    | 20,116  | 46,785 |   |   |   |   |   |              | 3,225,476 |
| 76  | 2022   | 365         | 2,273,125 | 853,739 | 140    | 18,150  | 47,949 |   |   |   |   |   |              | 3,193,104 |
| 77  | 2023   | 365         | 2,251,253 | 830,787 | 140    | 18,150  | 49,488 |   |   |   |   |   |              | 3,149,819 |
| 78  | 2024   | 366         | 2,219,541 | 809,200 | 140    | 18,150  | 51,461 |   |   |   |   |   |              | 3,098,492 |
| 79  | 2025   | 365         | 2,180,793 | 789,636 | 140    | 18,150  | 53,686 |   |   |   |   |   |              | 3,042,404 |
| 80  | 2026   | 365         | 2,144,403 | 772,499 | 140    | 18,150  | 56,082 |   |   |   |   |   |              | 2,991,274 |
| 81  | 2027   | 365         | 2,105,356 | 756,380 | 140    | 18,150  | 58,875 |   |   |   |   |   |              | 2,938,901 |
| 82  | 2028   | 366         | 2,063,875 | 739,870 | 140    | 18,150  | 61,869 |   |   |   |   |   |              | 2,883,904 |
| 83  |  |             |           |         |        |         |        |   |   |   |   |   |              |           |
| 84  | <b>Nonresidential Core</b>   |             |           |         |        |         |        |   |   |   |   |   | <b>Total</b> |           |
| 85  | <b>Cold Year Throughput (Mth)</b>  |             |           |         |        |         |        |   |   |   |   |   | <b>Core</b>  |           |
| 86  |  | Residential | G-10      | G-AC    | G-GE   | G-NGV   |        |   |   |   |   |   |              |           |
| 87  | 2021   | 2,501,215   | 1,013,788 | 127     | 21,979 | 152,524 |        |   |   |   |   |   | 3,689,632    |           |
| 88  | 2022   | 2,485,167   | 995,348   | 140     | 19,830 | 155,058 |        |   |   |   |   |   | 3,655,543    |           |
| 89  | 2023   | 2,459,820   | 968,887   | 140     | 19,830 | 157,985 |        |   |   |   |   |   | 3,606,662    |           |
| 90  | 2024   | 2,424,583   | 943,823   | 140     | 19,830 | 161,363 |        |   |   |   |   |   | 3,549,739    |           |
| 91  | 2025   | 2,382,288   | 921,061   | 140     | 19,830 | 165,012 |        |   |   |   |   |   | 3,488,331    |           |
| 92  | 2026   | 2,342,431   | 901,146   | 140     | 19,830 | 168,851 |        |   |   |   |   |   | 3,432,398    |           |
| 93  | 2027   | 2,299,941   | 882,375   | 140     | 19,830 | 173,106 |        |   |   |   |   |   | 3,375,392    |           |
| 94  | 2028   | 2,255,042   | 863,192   | 140     | 19,830 | 177,580 |        |   |   |   |   |   | 3,315,784    |           |
| 95  |  |             |           |         |        |         |        |   |   |   |   |   |              |           |
| 96  | <b>Nonresidential Core</b>   |             |           |         |        |         |        |   |   |   |   |   | <b>Total</b> |           |
| 97  | <b>Specified Peak Day Throughput (Mth/Day)</b>                               |             |           |         |        |         |        |   |   |   |   |   | <b>Core</b>  |           |
| 98  |  | Residential | G-10      | G-AC    | G-GE   | G-NGV   |        |   |   |   |   |   |              |           |
| 99  | 2021   | 23,717      | 5,669     | 0       | 28     | 435     |        |   |   |   |   |   | 29,849       |           |
| 100 | 2022   | 23,458      | 5,680     | 0       | 29     | 443     |        |   |   |   |   |   | 29,611       |           |
| 101 | 2023   | 23,159      | 5,542     | 0       | 29     | 452     |        |   |   |   |   |   | 29,182       |           |
| 102 | 2024   | 22,815      | 5,412     | 0       | 29     | 462     |        |   |   |   |   |   | 28,719       |           |
| 103 | 2025   | 22,441      | 5,291     | 0       | 29     | 473     |        |   |   |   |   |   | 28,234       |           |
| 104 | 2026   | 22,081      | 5,184     | 0       | 29     | 485     |        |   |   |   |   |   | 27,779       |           |
| 105 | 2027   | 21,711      | 5,081     | 0       | 29     | 498     |        |   |   |   |   |   | 27,319       |           |
| 106 | 2028   | 21,333      | 4,978     | 0       | 29     | 511     |        |   |   |   |   |   | 26,851       |           |
| 107 |  |             |           |         |        |         |        |   |   |   |   |   |              |           |
| 108 | <b>Nonresidential Core</b>   |             |           |         |        |         |        |   |   |   |   |   | <b>Total</b> |           |
| 109 | <b>Forecast Number of Customers</b>  |             |           |         |        |         |        |   |   |   |   |   | <b>Core</b>  |           |
| 110 |  | Residential | G-10      | G-AC    | G-GE   | G-NGV   |        |   |   |   |   |   |              |           |
| 111 | 2021   | 5,668,796   | 202,381   | 4       | 652    | 352     |        |   |   |   |   |   | 5,872,185    |           |
| 112 | 2022   | 5,710,782   | 203,090   | 5       | 667    | 359     |        |   |   |   |   |   | 5,914,902    |           |
| 113 | 2023   | 5,753,044   | 203,154   | 5       | 667    | 366     |        |   |   |   |   |   | 5,957,235    |           |
| 114 | 2024   | 5,794,138   | 203,097   | 5       | 667    | 373     |        |   |   |   |   |   | 5,998,279    |           |
| 115 | 2025   | 5,834,165   | 203,036   | 5       | 667    | 380     |        |   |   |   |   |   | 6,038,252    |           |
| 116 | 2026   | 5,873,684   | 202,992   | 5       | 667    | 387     |        |   |   |   |   |   | 6,077,734    |           |
| 117 | 2027   | 5,912,768   | 202,936   | 5       | 667    | 393     |        |   |   |   |   |   | 6,116,768    |           |
| 118 | 2028   | 5,950,559   | 202,866   | 5       | 667    | 399     |        |   |   |   |   |   | 6,154,495    |           |
| 119 |  |             |           |         |        |         |        |   |   |   |   |   |              |           |
| 120 |  |             |           |         |        |         |        |   |   |   |   |   |              |           |

|     | A  | B | C | D | E | N | O                       | P          | Q           | R           | S | T |
|-----|--|---|---|---|---|---|-------------------------|------------|-------------|-------------|---|---|
| 1   | <b>2024 CAP: SoCalGas</b>                      |   |   |   |   |   |                         |            |             |             |   |   |
|     | <b>Consolidated Gas Demand</b>                 |   |   |   |   |   |                         |            |             |             |   |   |
|     | <b>Forecast Summary (Mtherms)</b>              |   |   |   |   |   |                         |            |             |             |   |   |
| 59  | <b>ANNUAL FORECAST DATA</b>                    |   |   |   |   |   |                         |            |             |             |   |   |
| 60  | Noncore - G-30                                 |   |   |   |   |   | Noncore - Electric Gene |            |             |             |   |   |
| 61  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 62  | <b>Average Year Throughput (Mth)</b>           |   |   |   |   |   |                         |            |             |             |   |   |
| 63  |  |   |   |   |   |   | EG-Dist.                | EG-Trans.  | EG-Dist.    | EG-Trans.   |   |   |
| 64  |  |   |   |   |   |   | (<3MMThms)              | (<3MMThms) | (>=3MMThms) | (>=3MMThms) |   |   |
| 65  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 66  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 67  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 68  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 69  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 70  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 71  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 72  | Noncore - G-30                                 |   |   |   |   |   | Noncore - Electric Gene |            |             |             |   |   |
| 73  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 74  | <b>Average Year Sales (Mth)</b>                |   |   |   |   |   |                         |            |             |             |   |   |
| 75  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 76  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 77  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 78  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 79  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 80  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 81  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 82  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 83  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 84  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 85  | Noncore - G-30                                 |   |   |   |   |   | Noncore - Electric Gene |            |             |             |   |   |
| 86  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 87  | <b>Cold Year Throughput (Mth)</b>              |   |   |   |   |   |                         |            |             |             |   |   |
| 88  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 89  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 90  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 91  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 92  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 93  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 94  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 95  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 96  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 97  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 98  | Noncore - G-30                                 |   |   |   |   |   | Noncore - Electric Gene |            |             |             |   |   |
| 99  |  |   |   |   |   |   |                         |            |             |             |   |   |
| 100 | <b>Specified Peak Day Throughput (Mth/Day)</b> |   |   |   |   |   |                         |            |             |             |   |   |
| 101 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 102 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 103 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 104 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 105 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 106 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 107 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 108 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 109 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 110 | Noncore - G-30                                 |   |   |   |   |   | Noncore - Electric Gene |            |             |             |   |   |
| 111 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 112 | <b>Forecast Number of Customers</b>            |   |   |   |   |   |                         |            |             |             |   |   |
| 113 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 114 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 115 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 116 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 117 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 118 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 119 |  |   |   |   |   |   |                         |            |             |             |   |   |
| 120 |  |   |   |   |   |   |                         |            |             |             |   |   |

|     | A  | B   | C | D | E | U                                       | V         | W         | X                                    | Y      | Z       | AA             | AB | AC | AD |
|-----|--|-----|---|---|---|---|-----------|-----------|--------------------------------------|--------|---------|----------------|----|----|----|
| 1   | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |     |   |   |   |   |           |           |                                      |        |         |                |    |    |    |
| 59  | <b>ANNUAL FORECAST DATA</b>  |     |   |   |   |   |           |           |                                      |        |         |                |    |    |    |
| 60  |  |     |   |   |   | ratiion                                 |           |           | Noncore - EOR                        |        |         | Total          |    |    |    |
| 61  |  |     |   |   |   | EG (<3MMThms) EG (>=3MMThms) EG (Total) |           |           | EOR (Dist.) EOR (Trans.) EOR (Total) |        |         | Retail Noncore |    |    |    |
| 62  | <b>Average Year Throughput (Mth)</b>   |     |   |   |   |   |           |           |                                      |        |         |                |    |    |    |
| 63  | 2021   |     |   |   |   | 128,308                                 | 2,340,236 | 2,468,544 | 94,332                               | 35,731 | 130,063 | 4,227,177      |    |    |    |
| 64  | 2022   |     |   |   |   | 121,748                                 | 2,348,312 | 2,470,060 | 113,019                              | 44,558 | 157,577 | 4,271,335      |    |    |    |
| 65  | 2023   |     |   |   |   | 121,103                                 | 2,334,373 | 2,455,475 | 113,019                              | 44,558 | 157,577 | 4,260,244      |    |    |    |
| 66  | 2024   |     |   |   |   | 120,874                                 | 2,133,290 | 2,254,164 | 113,019                              | 44,558 | 157,577 | 4,060,049      |    |    |    |
| 67  | 2025   |     |   |   |   | 121,705                                 | 2,020,723 | 2,142,428 | 113,019                              | 44,558 | 157,577 | 3,945,517      |    |    |    |
| 68  | 2026   |     |   |   |   | 122,389                                 | 1,975,119 | 2,097,508 | 109,628                              | 43,221 | 152,849 | 3,893,242      |    |    |    |
| 69  | 2027   |     |   |   |   | 122,923                                 | 1,927,973 | 2,050,895 | 106,340                              | 41,924 | 148,264 | 3,842,315      |    |    |    |
| 70  | 2028   |     |   |   |   | 124,325                                 | 1,824,657 | 1,948,982 | 103,149                              | 40,667 | 143,816 | 3,737,938      |    |    |    |
| 71  |  |     |   |   |   |   |           |           |                                      |        |         |                |    |    |    |
| 72  |  |     |   |   |   | ratiion                                 |           |           | Noncore - EOR                        |        |         | Total          |    |    |    |
| 73  |  |     |   |   |   | EG (<3MMThms) EG (>=3MMThms) EG (Total) |           |           | EOR (Dist.) EOR (Trans.) EOR (Total) |        |         | Retail Noncore |    |    |    |
| 74  | <b>Average Year Sales (Mth)</b>  |     |   |   |   |   |           |           |                                      |        |         |                |    |    |    |
| 75  | 2021   | 365 |   |   |   | 0                                       | 0         | 0         | 0                                    | 0      | 0       | 0              |    |    |    |
| 76  | 2022   | 365 |   |   |   | 0                                       | 0         | 0         | 0                                    | 0      | 0       | 0              |    |    |    |
| 77  | 2023   | 365 |   |   |   | 0                                       | 0         | 0         | 0                                    | 0      | 0       | 0              |    |    |    |
| 78  | 2024   | 366 |   |   |   | 0                                       | 0         | 0         | 0                                    | 0      | 0       | 0              |    |    |    |
| 79  | 2025   | 365 |   |   |   | 0                                       | 0         | 0         | 0                                    | 0      | 0       | 0              |    |    |    |
| 80  | 2026   | 365 |   |   |   | 0                                       | 0         | 0         | 0                                    | 0      | 0       | 0              |    |    |    |
| 81  | 2027   | 365 |   |   |   | 0                                       | 0         | 0         | 0                                    | 0      | 0       | 0              |    |    |    |
| 82  | 2028   | 366 |   |   |   | 0                                       | 0         | 0         | 0                                    | 0      | 0       | 0              |    |    |    |
| 83  |  |     |   |   |   |   |           |           |                                      |        |         |                |    |    |    |
| 84  |  |     |   |   |   |   |           |           |                                      |        |         |                |    |    |    |
| 85  |  |     |   |   |   | ratiion                                 |           |           | Noncore - EOR                        |        |         | Total          |    |    |    |
| 86  |  |     |   |   |   | EG (<3MMThms) EG (>=3MMThms) EG (Total) |           |           | EOR (Dist.) EOR (Trans.) EOR (Total) |        |         | Retail Noncore |    |    |    |
| 87  | <b>Cold Year Throughput (Mth)</b>  |     |   |   |   |   |           |           |                                      |        |         |                |    |    |    |
| 88  | 2021   |     |   |   |   | 128,308                                 | 2,340,236 | 2,468,544 | 94,332                               | 35,731 | 130,063 | 4,230,042      |    |    |    |
| 89  | 2022   |     |   |   |   | 121,748                                 | 2,348,312 | 2,470,060 | 113,019                              | 44,558 | 157,577 | 4,274,200      |    |    |    |
| 90  | 2023   |     |   |   |   | 121,103                                 | 2,334,373 | 2,455,475 | 113,019                              | 44,558 | 157,577 | 4,263,109      |    |    |    |
| 91  | 2024   |     |   |   |   | 120,874                                 | 2,133,290 | 2,254,164 | 113,019                              | 44,558 | 157,577 | 4,062,914      |    |    |    |
| 92  | 2025   |     |   |   |   | 121,705                                 | 2,020,723 | 2,142,428 | 113,019                              | 44,558 | 157,577 | 3,948,382      |    |    |    |
| 93  | 2026   |     |   |   |   | 122,389                                 | 1,975,119 | 2,097,508 | 109,628                              | 43,221 | 152,849 | 3,896,107      |    |    |    |
| 94  | 2027   |     |   |   |   | 122,923                                 | 1,927,973 | 2,050,895 | 106,340                              | 41,924 | 148,264 | 3,845,180      |    |    |    |
| 95  | 2028   |     |   |   |   | 124,325                                 | 1,824,657 | 1,948,982 | 103,149                              | 40,667 | 143,816 | 3,740,803      |    |    |    |
| 96  |  |     |   |   |   |   |           |           |                                      |        |         |                |    |    |    |
| 97  |  |     |   |   |   |   |           |           |                                      |        |         |                |    |    |    |
| 98  |  |     |   |   |   | ratiion                                 |           |           | Noncore - EOR                        |        |         | Total          |    |    |    |
| 99  | <b>Specified Peak Day Throughput (Mth/Day)</b>                                       |     |   |   |   | EG (<3MMThms) EG (>=3MMThms) EG (Total) |           |           | EOR (Dist.) EOR (Trans.) EOR (Total) |        |         | Retail Noncore |    |    |    |
| 100 | 2021   |     |   |   |   | 319                                     | 6,127     | 6,446     | 258                                  | 98     | 356     | 12,775         |    |    |    |
| 101 | 2022   |     |   |   |   | 338                                     | 6,507     | 6,846     | 310                                  | 122    | 432     | 13,099         |    |    |    |
| 102 | 2023   |     |   |   |   | 364                                     | 6,394     | 6,758     | 310                                  | 122    | 432     | 13,018         |    |    |    |
| 103 | 2024   |     |   |   |   | 343                                     | 6,076     | 6,420     | 310                                  | 122    | 432     | 12,688         |    |    |    |
| 104 | 2025   |     |   |   |   | 348                                     | 5,777     | 6,124     | 310                                  | 122    | 432     | 12,390         |    |    |    |
| 105 | 2026   |     |   |   |   | 342                                     | 5,590     | 5,932     | 300                                  | 118    | 419     | 12,183         |    |    |    |
| 106 | 2027   |     |   |   |   | 353                                     | 5,834     | 6,187     | 291                                  | 115    | 406     | 12,429         |    |    |    |
| 107 | 2028   |     |   |   |   | 341                                     | 5,520     | 5,861     | 283                                  | 111    | 394     | 12,090         |    |    |    |
| 108 |  |     |   |   |   |   |           |           |                                      |        |         |                |    |    |    |
| 109 |  |     |   |   |   |   |           |           |                                      |        |         |                |    |    |    |
| 110 |  |     |   |   |   | ratiion                                 |           |           | Noncore - EOR                        |        |         | Total          |    |    |    |
| 111 |  |     |   |   |   | EG (<3MMThms) EG (>=3MMThms) EG (Total) |           |           | EOR (Dist.) EOR (Trans.) EOR (Total) |        |         | Retail Noncore |    |    |    |
| 112 | <b>Forecast Number of Customers</b>  |     |   |   |   |   |           |           |                                      |        |         |                |    |    |    |
| 113 | 2021   |     |   |   |   | 323                                     | 64        | 387       | 18                                   | 14     | 32      | 975            |    |    |    |
| 114 | 2022   |     |   |   |   | 323                                     | 64        | 387       | 18                                   | 14     | 32      | 975            |    |    |    |
| 115 | 2023   |     |   |   |   | 323                                     | 64        | 387       | 18                                   | 14     | 32      | 975            |    |    |    |
| 116 | 2024   |     |   |   |   | 322                                     | 60        | 382       | 18                                   | 14     | 32      | 970            |    |    |    |
| 117 | 2025   |     |   |   |   | 322                                     | 60        | 382       | 18                                   | 14     | 32      | 970            |    |    |    |
| 118 | 2026   |     |   |   |   | 322                                     | 60        | 382       | 18                                   | 14     | 32      | 970            |    |    |    |
| 119 | 2027   |     |   |   |   | 322                                     | 60        | 382       | 18                                   | 14     | 32      | 970            |    |    |    |
| 120 | 2028   |     |   |   |   | 322                                     | 60        | 382       | 18                                   | 14     | 32      | 970            |    |    |    |

|     | A  | B          | C         | D             | E                 | AE        | AF | AG      | AH    | AI        | AJ               | AK | AL    | AM | AN |
|-----|--|------------|-----------|---------------|-------------------|-----------|----|---------|-------|-----------|------------------|----|-------|----|----|
| 1   | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |            |           |               |                   |           |    |         |       |           |                  |    |       |    |    |
| 59  | <b>ANNUAL FORECAST DATA</b>  |            |           |               |                   |           |    |         |       |           |                  |    |       |    |    |
| 60  |  |            |           |               | Wholesale Noncore |           |    |         | Total |           | International NC |    | Total |    |    |
| 61  | <b>Average Year Throughput (Mth)</b>   |            |           |               |                   |           |    |         |       |           |                  |    |       |    |    |
| 62  |  | Long Beach | SDG&E     | Southwest Gas | Vernon            | Wholesale |    | Ecogas  |       | Noncore   |                  |    |       |    |    |
| 63  | 2021   | 90,728     | 997,566   | 71,136        | 88,222            | 1,247,652 |    | 124,320 |       | 5,599,149 |                  |    |       |    |    |
| 64  | 2022   | 90,147     | 966,913   | 72,182        | 94,934            | 1,224,176 |    | 135,757 |       | 5,631,267 |                  |    |       |    |    |
| 65  | 2023   | 90,587     | 923,751   | 72,881        | 94,293            | 1,181,512 |    | 138,216 |       | 5,579,972 |                  |    |       |    |    |
| 66  | 2024   | 91,031     | 871,209   | 73,709        | 95,537            | 1,131,486 |    | 138,688 |       | 5,330,224 |                  |    |       |    |    |
| 67  | 2025   | 91,477     | 838,408   | 74,300        | 96,303            | 1,100,488 |    | 139,204 |       | 5,185,209 |                  |    |       |    |    |
| 68  | 2026   | 91,927     | 832,555   | 75,010        | 97,431            | 1,096,922 |    | 139,773 |       | 5,129,937 |                  |    |       |    |    |
| 69  | 2027   | 92,379     | 824,140   | 75,720        | 98,889            | 1,091,128 |    | 140,296 |       | 5,073,739 |                  |    |       |    |    |
| 70  | 2028   | 92,834     | 805,357   | 76,553        | 98,071            | 1,072,815 |    | 140,821 |       | 4,951,574 |                  |    |       |    |    |
| 71  |  |            |           |               |                   |           |    |         |       |           |                  |    |       |    |    |
| 72  |  |            |           |               | Wholesale Noncore |           |    |         | Total |           | International NC |    | Total |    |    |
| 73  | <b>Average Year Sales (Mth)</b>  |            |           |               |                   |           |    |         |       |           |                  |    |       |    |    |
| 74  |  | Long Beach | SDG&E     | Southwest Gas | Vernon            | Wholesale |    | Ecogas  |       | Noncore   |                  |    |       |    |    |
| 75  | 2021   | 0          | 0         | 0             | 0                 | 0         |    | 0       |       | 0         |                  |    |       |    |    |
| 76  | 2022   | 0          | 0         | 0             | 0                 | 0         |    | 0       |       | 0         |                  |    |       |    |    |
| 77  | 2023   | 0          | 0         | 0             | 0                 | 0         |    | 0       |       | 0         |                  |    |       |    |    |
| 78  | 2024   | 0          | 0         | 0             | 0                 | 0         |    | 0       |       | 0         |                  |    |       |    |    |
| 79  | 2025   | 0          | 0         | 0             | 0                 | 0         |    | 0       |       | 0         |                  |    |       |    |    |
| 80  | 2026   | 0          | 0         | 0             | 0                 | 0         |    | 0       |       | 0         |                  |    |       |    |    |
| 81  | 2027   | 0          | 0         | 0             | 0                 | 0         |    | 0       |       | 0         |                  |    |       |    |    |
| 82  | 2028   | 0          | 0         | 0             | 0                 | 0         |    | 0       |       | 0         |                  |    |       |    |    |
| 83  |  |            |           |               |                   |           |    |         |       |           |                  |    |       |    |    |
| 84  |  |            |           |               | Wholesale Noncore |           |    |         | Total |           | International NC |    | Total |    |    |
| 85  | <b>Cold Year Throughput (Mth)</b>  |            |           |               |                   |           |    |         |       |           |                  |    |       |    |    |
| 86  |  | Long Beach | SDG&E     | Southwest Gas | Vernon            | Wholesale |    | Ecogas  |       | Noncore   |                  |    |       |    |    |
| 87  | 2021   | 90,728     | 1,032,585 | 71,136        | 88,222            | 1,282,671 |    | 124,320 |       | 5,637,034 |                  |    |       |    |    |
| 88  | 2022   | 96,878     | 1,001,901 | 77,762        | 94,943            | 1,271,485 |    | 135,757 |       | 5,681,442 |                  |    |       |    |    |
| 89  | 2023   | 97,363     | 958,709   | 78,515        | 95,264            | 1,229,852 |    | 138,216 |       | 5,631,177 |                  |    |       |    |    |
| 90  | 2024   | 97,811     | 906,137   | 79,406        | 96,399            | 1,179,753 |    | 138,688 |       | 5,381,356 |                  |    |       |    |    |
| 91  | 2025   | 98,316     | 873,306   | 80,044        | 97,257            | 1,148,923 |    | 139,204 |       | 5,236,509 |                  |    |       |    |    |
| 92  | 2026   | 98,763     | 867,422   | 80,809        | 98,093            | 1,145,088 |    | 139,773 |       | 5,180,968 |                  |    |       |    |    |
| 93  | 2027   | 99,278     | 858,978   | 81,575        | 99,465            | 1,139,295 |    | 140,296 |       | 5,124,771 |                  |    |       |    |    |
| 94  | 2028   | 99,754     | 840,165   | 82,470        | 98,780            | 1,121,169 |    | 140,821 |       | 5,002,793 |                  |    |       |    |    |
| 95  |  |            |           |               |                   |           |    |         |       |           |                  |    |       |    |    |
| 96  |  |            |           |               | Wholesale Noncore |           |    |         | Total |           | International NC |    | Total |    |    |
| 97  | <b>Specified Peak Day Throughput (Mth/Day)</b>                                       |            |           |               |                   |           |    |         |       |           |                  |    |       |    |    |
| 98  |  | Long Beach | SDG&E     | Southwest Gas | Vernon            | Wholesale |    | Ecogas  |       | Noncore   |                  |    |       |    |    |
| 99  | 2021   | 652        | 6,763     | 547           | 275               | 8,237     |    | 338     |       | 21,349    |                  |    |       |    |    |
| 100 | 2022   | 652        | 5,651     | 566           | 278               | 7,147     |    | 387     |       | 20,632    |                  |    |       |    |    |
| 101 | 2023   | 654        | 5,510     | 572           | 279               | 7,015     |    | 376     |       | 20,409    |                  |    |       |    |    |
| 102 | 2024   | 657        | 5,384     | 577           | 286               | 6,905     |    | 377     |       | 19,970    |                  |    |       |    |    |
| 103 | 2025   | 660        | 5,408     | 583           | 290               | 6,942     |    | 378     |       | 19,710    |                  |    |       |    |    |
| 104 | 2026   | 664        | 5,439     | 589           | 297               | 6,989     |    | 380     |       | 19,552    |                  |    |       |    |    |
| 105 | 2027   | 667        | 5,422     | 595           | 299               | 6,983     |    | 381     |       | 19,793    |                  |    |       |    |    |
| 106 | 2028   | 670        | 5,146     | 600           | 212               | 6,629     |    | 383     |       | 19,102    |                  |    |       |    |    |
| 107 |  |            |           |               |                   |           |    |         |       |           |                  |    |       |    |    |
| 108 |  |            |           |               | Wholesale Noncore |           |    |         | Total |           | International NC |    | Total |    |    |
| 109 | <b>Forecast Number of Customers</b>  |            |           |               |                   |           |    |         |       |           |                  |    |       |    |    |
| 110 |  | Long Beach | SDG&E     | Southwest Gas | Vernon            | Wholesale |    | Ecogas  |       | Noncore   |                  |    |       |    |    |
| 111 | 2021   | 1          | 1         | 1             | 1                 | 4         |    | 1       |       | 980       |                  |    |       |    |    |
| 112 | 2022   | 1          | 1         | 1             | 1                 | 4         |    | 1       |       | 980       |                  |    |       |    |    |
| 113 | 2023   | 1          | 1         | 1             | 1                 | 4         |    | 1       |       | 980       |                  |    |       |    |    |
| 114 | 2024   | 1          | 1         | 1             | 1                 | 4         |    | 1       |       | 975       |                  |    |       |    |    |
| 115 | 2025   | 1          | 1         | 1             | 1                 | 4         |    | 1       |       | 975       |                  |    |       |    |    |
| 116 | 2026   | 1          | 1         | 1             | 1                 | 4         |    | 1       |       | 975       |                  |    |       |    |    |
| 117 | 2027   | 1          | 1         | 1             | 1                 | 4         |    | 1       |       | 975       |                  |    |       |    |    |
| 118 | 2028   | 1          | 1         | 1             | 1                 | 4         |    | 1       |       | 975       |                  |    |       |    |    |
| 119 |  |            |           |               |                   |           |    |         |       |           |                  |    |       |    |    |
| 120 |  |            |           |               |                   |           |    |         |       |           |                  |    |       |    |    |



|     | A  | B | C   | D | E | AO                                       | AP | AQ   | AR | AS                 | AT                                | AU                                     |
|-----|--|---|-----|---|---|--|----|--|----|--------------------|-----------------------------------|--|
| 1   | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |   |     |   |   |  |    |  |    |                    |                                   |  |
| 59  | <b><u>ANNUAL FORECAST DATA</u></b>   |   |     |   |   |  |    |  |    |                    |                                   |  |
| 60  |  |   |     |   |   | <b>Total<br/>System End-<br/>Use Dmd</b> |    | <b>System Total<br/><br/>(Mdth/d)</b>              |    | <b>Co-Use-Fuel</b> | <b>"Un-Acnt'd-<br/>For" (UAF)</b> | <b>Total<br/>System<br/>Throughput</b> |
| 61  | <b>Average Year Throughput (Mth)</b>   |   |     |   |   |  |    |  |    |                    |                                   |  |
| 62  | 2021   |   |     |   |   | 9,067,091                                |    | 2,484  |    | 25,243             | 72,117                            | 9,164,451                              |
| 63  | 2022   |   |     |   |   | 9,065,515                                |    | 2,484  |    | 25,238             | 72,105                            | 9,162,858                              |
| 64  | 2023   |   |     |   |   | 8,969,044                                |    | 2,457  |    | 24,970             | 71,337                            | 9,065,351                              |
| 65  | 2024   |   |     |   |   | 8,666,265                                |    | 2,368  |    | 24,127             | 68,929                            | 8,759,321                              |
| 66  | 2025   |   |     |   |   | 8,463,665                                |    | 2,319  |    | 23,563             | 67,318                            | 8,554,545                              |
| 67  | 2026   |   |     |   |   | 8,356,111                                |    | 2,289  |    | 23,263             | 66,462                            | 8,445,837                              |
| 68  | 2027   |   |     |   |   | 8,246,493                                |    | 2,259  |    | 22,958             | 65,590                            | 8,335,041                              |
| 69  | 2028   |   |     |   |   | 8,068,239                                |    | 2,204  |    | 22,462             | 64,172                            | 8,154,874                              |
| 70  |  |   |     |   |   |  |    |  |    |                    |                                   |  |
| 71  |  |   |     |   |   |  |    |  |    |                    |                                   |  |
| 72  |  |   |     |   |   | <b>Total<br/>System End-<br/>Use Dmd</b> |    | <b>Check of<br/>System Total<br/><br/>(Mdth/d)</b> |    |                    |                                   |  |
| 73  |  |   |     |   |   |  |    |  |    |                    |                                   |  |
| 74  | <b>Average Year Sales (Mth)</b>  |   |     |   |   |  |    |  |    |                    |                                   |  |
| 75  | 2021   |   | 365 |   |   | 3,225,476                                |    | 884  |    |                    |                                   |  |
| 76  | 2022   |   | 365 |   |   | 3,193,104                                |    | 875  |    |                    |                                   |  |
| 77  | 2023   |   | 365 |   |   | 3,149,819                                |    | 863  |    |                    |                                   |  |
| 78  | 2024   |   | 366 |   |   | 3,098,492                                |    | 847  |    |                    |                                   |  |
| 79  | 2025   |   | 365 |   |   | 3,042,404                                |    | 834  |    |                    |                                   |  |
| 80  | 2026   |   | 365 |   |   | 2,991,274                                |    | 820  |    |                    |                                   |  |
| 81  | 2027   |   | 365 |   |   | 2,938,901                                |    | 805  |    |                    |                                   |  |
| 82  | 2028   |   | 366 |   |   | 2,883,904                                |    | 788  |    |                    |                                   |  |
| 83  |  |   |     |   |   |  |    |  |    |                    |                                   |  |
| 84  |  |   |     |   |   |  |    |  |    |                    |                                   |  |
| 85  |  |   |     |   |   | <b>Total<br/>System End-<br/>Use Dmd</b> |    | <b>Check of<br/>System Total<br/><br/>(Mdth/d)</b> |    | <b>Co-Use-Fuel</b> | <b>"Un-Acnt'd-<br/>For" (UAF)</b> | <b>System<br/>Throughput</b>           |
| 86  |  |   |     |   |   |  |    |  |    |                    |                                   |  |
| 87  | <b>Cold Year Throughput (Mth)</b>  |   |     |   |   |  |    |  |    |                    |                                   |  |
| 88  | 2021   |   |     |   |   | 9,326,666                                |    | 2,555  |    | 25,965             | 74,182                            | 9,426,813                              |
| 89  | 2022   |   |     |   |   | 9,336,985                                |    | 2,558  |    | 25,994             | 74,264                            | 9,437,243                              |
| 90  | 2023   |   |     |   |   | 9,237,839                                |    | 2,531  |    | 25,718             | 73,475                            | 9,337,032                              |
| 91  | 2024   |   |     |   |   | 8,931,095                                |    | 2,440  |    | 24,864             | 71,035                            | 9,026,994                              |
| 92  | 2025   |   |     |   |   | 8,724,840                                |    | 2,390  |    | 24,290             | 69,395                            | 8,818,525                              |
| 93  | 2026   |   |     |   |   | 8,613,365                                |    | 2,360  |    | 23,979             | 68,508                            | 8,705,853                              |
| 94  | 2027   |   |     |   |   | 8,500,163                                |    | 2,329  |    | 23,664             | 67,608                            | 8,591,435                              |
| 95  | 2028   |   |     |   |   | 8,318,577                                |    | 2,273  |    | 23,159             | 66,164                            | 8,407,900                              |
| 96  |  |   |     |   |   |  |    |  |    |                    |                                   |  |
| 97  |  |   |     |   |   |  |    |  |    |                    |                                   |  |
| 98  |  |   |     |   |   | <b>Total<br/>System End-<br/>Use Dmd</b> |    |  |    |                    |                                   |  |
| 99  | <b>Specified Peak Day Throughput (Mth/Day)</b>                                       |   |     |   |   |  |    |  |    |                    |                                   |  |
| 100 | 2021   |   |     |   |   | 51,199                                   |    |  |    |                    |                                   |  |
| 101 | 2022   |   |     |   |   | 50,243                                   |    |  |    |                    |                                   |  |
| 102 | 2023   |   |     |   |   | 49,591                                   |    |  |    |                    |                                   |  |
| 103 | 2024   |   |     |   |   | 48,689                                   |    |  |    |                    |                                   |  |
| 104 | 2025   |   |     |   |   | 47,945                                   |    |  |    |                    |                                   |  |
| 105 | 2026   |   |     |   |   | 47,331                                   |    |  |    |                    |                                   |  |
| 106 | 2027   |   |     |   |   | 47,112                                   |    |  |    |                    |                                   |  |
| 107 | 2028   |   |     |   |   | 45,953                                   |    |  |    |                    |                                   |  |
| 108 |  |   |     |   |   |  |    |  |    |                    |                                   |  |
| 109 |  |   |     |   |   |  |    |  |    |                    |                                   |  |
| 110 |  |   |     |   |   | <b>Total<br/>System</b>                  |    |  |    |                    |                                   |  |
| 111 |  |   |     |   |   |  |    |  |    |                    |                                   |  |
| 112 | <b>Forecast Number of Customers</b>  |   |     |   |   |  |    |  |    |                    |                                   |  |
| 113 | 2021   |   |     |   |   | 5,873,165                                |    |  |    |                    |                                   |  |
| 114 | 2022   |   |     |   |   | 5,915,882                                |    |  |    |                    |                                   |  |
| 115 | 2023   |   |     |   |   | 5,958,215                                |    |  |    |                    |                                   |  |
| 116 | 2024   |   |     |   |   | 5,999,254                                |    |  |    |                    |                                   |  |
| 117 | 2025   |   |     |   |   | 6,039,227                                |    |  |    |                    |                                   |  |
| 118 | 2026   |   |     |   |   | 6,078,709                                |    |  |    |                    |                                   |  |
| 119 | 2027   |   |     |   |   | 6,117,743                                |    |  |    |                    |                                   |  |
| 120 | 2028   |   |     |   |   | 6,155,470                                |    |  |    |                    |                                   |  |

|     | A   | B                   | C       | D    | E     | F      | G       | H              | I             | J            | K                       | L                       | M                       | N                        | O | P | Q | R | S | T |
|-----|---|---------------------|---------|------|-------|--------|---------|----------------|---------------|--------------|-------------------------|-------------------------|-------------------------|--------------------------|---|---|---|---|---|---|
| 1   | <p style="text-align: center;"><b>2024 CAP: SoCalGas</b><br/><b>Consolidated Gas Demand</b><br/><b>Forecast Summary (Mtherms)</b></p> |                     |         |      |       |        |         |                |               |              |                         |                         |                         |                          |   |   |   |   |   |   |
| 59  | <b>MONTHLY FORECAST DATA</b>  |                     |         |      |       |        |         |                |               |              |                         |                         |                         |                          |   |   |   |   |   |   |
| 60  |   | Nonresidential Core |         |      |       |        | Total   | Noncore - G-30 |               |              | Noncore - Electric Gene |                         |                         |                          |   |   |   |   |   |   |
| 61  | Average Year Throughput (Mth)   | Residential         | G-10    | G-AC | G-GE  | G-NGV  | Core    | G-30 (Dist.)   | G-30 (Trans.) | G-30 (Total) | EG-Dist.<br>(<3MMThms)  | EG-Trans.<br>(<3MMThms) | EG-Dist.<br>(>=3MMThms) | EG-Trans.<br>(>=3MMThms) |   |   |   |   |   |   |
| 62  | 2021 Jan  | 321,140             | 105,022 | 5    | 903   | 10,865 | 437,936 | 76,618         | 69,522        | 146,141      | 8,754                   | 652                     | 15,930                  | 134,666                  |   |   |   |   |   |   |
| 63  | Feb   | 279,650             | 99,093  | 8    | 1,047 | 10,478 | 390,277 | 66,408         | 51,798        | 118,206      | 7,340                   | 692                     | 14,487                  | 94,983                   |   |   |   |   |   |   |
| 64  | Mar   | 244,130             | 91,444  | 1    | 1,254 | 12,321 | 349,150 | 78,025         | 67,201        | 145,226      | 8,545                   | 1,174                   | 17,138                  | 143,932                  |   |   |   |   |   |   |
| 65  | Apr   | 201,956             | 84,170  | 5    | 1,611 | 12,304 | 300,046 | 74,298         | 61,028        | 135,326      | 8,146                   | 1,193                   | 16,251                  | 153,890                  |   |   |   |   |   |   |
| 66  | May   | 145,942             | 72,721  | 10   | 2,093 | 12,322 | 233,089 | 71,949         | 56,486        | 128,435      | 9,178                   | 1,356                   | 17,315                  | 152,067                  |   |   |   |   |   |   |
| 67  | Jun   | 112,472             | 67,385  | 11   | 2,774 | 12,798 | 195,440 | 71,049         | 59,997        | 131,046      | 9,684                   | 2,511                   | 18,056                  | 202,803                  |   |   |   |   |   |   |
| 68  | Jul   | 107,999             | 65,425  | 18   | 3,046 | 13,182 | 189,669 | 70,942         | 54,528        | 125,470      | 11,418                  | 3,367                   | 18,130                  | 295,909                  |   |   |   |   |   |   |
| 69  | Aug   | 107,758             | 65,384  | 19   | 2,911 | 13,893 | 189,965 | 75,789         | 61,966        | 137,755      | 10,491                  | 2,513                   | 18,298                  | 261,626                  |   |   |   |   |   |   |
| 70  | Sep   | 106,536             | 66,676  | 17   | 2,438 | 13,717 | 189,384 | 77,907         | 60,395        | 138,302      | 9,698                   | 1,466                   | 17,458                  | 199,586                  |   |   |   |   |   |   |
| 71  | Oct   | 132,867             | 71,902  | 13   | 1,853 | 13,798 | 220,433 | 76,647         | 66,233        | 142,880      | 8,524                   | 1,580                   | 16,198                  | 179,037                  |   |   |   |   |   |   |
| 72  | Nov   | 212,826             | 86,533  | 10   | 1,184 | 13,348 | 313,900 | 71,767         | 62,241        | 134,008      | 8,589                   | 1,487                   | 16,641                  | 168,035                  |   |   |   |   |   |   |
| 73  | Dec   | 337,264             | 107,018 | 10   | 864   | 13,497 | 458,652 | 76,762         | 69,014        | 145,776      | 8,883                   | 1,066                   | 17,262                  | 150,538                  |   |   |   |   |   |   |
| 74  |   |                     |         |      |       |        |         |                |               |              |                         |                         |                         |                          |   |   |   |   |   |   |
| 75  | 2022 Jan  | 319,042             | 102,638 | 8    | 755   | 11,034 | 433,477 | 78,037         | 66,289        | 144,326      | 9,731                   | 477                     | 17,842                  | 161,033                  |   |   |   |   |   |   |
| 76  | Feb   | 277,838             | 96,857  | 10   | 864   | 10,644 | 386,213 | 70,112         | 57,352        | 127,463      | 8,230                   | 617                     | 15,986                  | 146,234                  |   |   |   |   |   |   |
| 77  | Mar   | 242,644             | 89,402  | 7    | 1,100 | 12,520 | 345,673 | 75,470         | 62,662        | 138,132      | 9,156                   | 452                     | 17,646                  | 162,097                  |   |   |   |   |   |   |
| 78  | Apr   | 200,865             | 82,323  | 9    | 1,146 | 12,504 | 296,848 | 73,394         | 60,418        | 133,813      | 8,943                   | 510                     | 17,154                  | 155,185                  |   |   |   |   |   |   |
| 79  | May   | 145,261             | 71,151  | 10   | 1,732 | 12,523 | 230,677 | 73,442         | 60,273        | 133,715      | 9,641                   | 573                     | 18,741                  | 174,902                  |   |   |   |   |   |   |
| 80  | Jun   | 112,053             | 66,209  | 12   | 2,304 | 13,008 | 193,586 | 70,595         | 60,642        | 131,237      | 9,611                   | 587                     | 18,224                  | 185,771                  |   |   |   |   |   |   |
| 81  | Jul   | 107,625             | 64,038  | 15   | 2,687 | 13,399 | 187,765 | 74,141         | 61,052        | 135,193      | 10,102                  | 885                     | 19,937                  | 210,464                  |   |   |   |   |   |   |
| 82  | Aug   | 107,386             | 63,999  | 18   | 2,748 | 14,126 | 188,277 | 78,443         | 62,307        | 140,750      | 10,479                  | 899                     | 20,268                  | 225,241                  |   |   |   |   |   |   |
| 83  | Sep   | 106,158             | 65,261  | 16   | 2,454 | 13,947 | 187,835 | 78,180         | 61,593        | 139,773      | 9,745                   | 836                     | 19,157                  | 208,852                  |   |   |   |   |   |   |
| 84  | Oct   | 132,296             | 70,359  | 15   | 1,816 | 14,035 | 218,521 | 76,424         | 65,561        | 141,985      | 9,443                   | 614                     | 17,965                  | 175,580                  |   |   |   |   |   |   |
| 85  | Nov   | 211,615             | 84,623  | 13   | 1,326 | 13,583 | 311,160 | 72,356         | 62,765        | 135,120      | 9,589                   | 477                     | 17,722                  | 158,304                  |   |   |   |   |   |   |
| 86  | Dec   | 335,001             | 104,574 | 9    | 898   | 13,734 | 454,216 | 75,472         | 66,718        | 142,190      | 9,671                   | 483                     | 18,107                  | 165,901                  |   |   |   |   |   |   |
| 87  |   |                     |         |      |       |        |         |                |               |              |                         |                         |                         |                          |   |   |   |   |   |   |
| 88  | 2023 Jan  | 315,656             | 99,747  | 8    | 755   | 11,230 | 427,395 | 77,895         | 66,159        | 144,054      | 9,811                   | 479                     | 17,894                  | 165,063                  |   |   |   |   |   |   |
| 89  | Feb   | 274,902             | 94,152  | 10   | 864   | 10,837 | 380,765 | 69,712         | 56,679        | 126,391      | 8,304                   | 617                     | 15,862                  | 145,197                  |   |   |   |   |   |   |
| 90  | Mar   | 240,174             | 86,958  | 7    | 1,100 | 12,752 | 340,991 | 75,769         | 62,542        | 138,311      | 9,121                   | 450                     | 17,729                  | 163,131                  |   |   |   |   |   |   |
| 91  | Apr   | 198,955             | 80,121  | 9    | 1,146 | 12,735 | 292,967 | 73,908         | 60,578        | 134,486      | 9,025                   | 439                     | 17,254                  | 154,779                  |   |   |   |   |   |   |
| 92  | May   | 143,985             | 69,295  | 10   | 1,732 | 12,753 | 227,775 | 74,035         | 60,480        | 134,516      | 9,555                   | 489                     | 18,755                  | 174,929                  |   |   |   |   |   |   |
| 93  | Jun   | 111,172             | 64,272  | 12   | 2,304 | 13,251 | 191,011 | 71,374         | 61,025        | 132,399      | 9,501                   | 544                     | 18,003                  | 185,541                  |   |   |   |   |   |   |
| 94  | Jul   | 106,806             | 62,410  | 15   | 2,687 | 13,650 | 185,568 | 74,924         | 61,335        | 136,259      | 10,035                  | 866                     | 19,694                  | 208,936                  |   |   |   |   |   |   |
| 95  | Aug   | 106,571             | 62,372  | 18   | 2,748 | 14,395 | 186,104 | 79,230         | 62,599        | 141,829      | 10,396                  | 905                     | 20,041                  | 217,660                  |   |   |   |   |   |   |
| 96  | Sep   | 105,340             | 63,611  | 16   | 2,454 | 14,213 | 185,634 | 78,948         | 61,892        | 140,840      | 9,694                   | 816                     | 19,029                  | 203,974                  |   |   |   |   |   |   |
| 97  | Oct   | 131,183             | 68,565  | 15   | 1,816 | 14,307 | 215,885 | 75,920         | 64,824        | 140,743      | 9,353                   | 615                     | 17,836                  | 173,708                  |   |   |   |   |   |   |
| 98  | Nov   | 209,545             | 82,347  | 13   | 1,326 | 13,853 | 307,084 | 72,380         | 62,618        | 134,999      | 9,497                   | 479                     | 17,472                  | 157,971                  |   |   |   |   |   |   |
| 99  | Dec   | 331,387             | 101,592 | 9    | 898   | 14,007 | 447,893 | 75,646         | 66,719        | 142,365      | 9,626                   | 485                     | 18,055                  | 165,858                  |   |   |   |   |   |   |
| 100 |   |                     |         |      |       |        |         |                |               |              |                         |                         |                         |                          |   |   |   |   |   |   |
| 101 | 2024 Jan  | 310,898             | 97,050  | 8    | 755   | 11,458 | 420,168 | 77,443         | 65,908        | 143,350      | 9,706                   | 479                     | 18,101                  | 148,539                  |   |   |   |   |   |   |
| 102 | Feb   | 270,772             | 91,623  | 10   | 864   | 11,060 | 374,329 | 70,516         | 58,873        | 129,389      | 8,181                   | 632                     | 16,379                  | 138,206                  |   |   |   |   |   |   |
| 103 | Mar   | 236,659             | 84,655  | 7    | 1,100 | 13,022 | 335,443 | 75,614         | 62,610        | 138,223      | 8,999                   | 450                     | 17,769                  | 146,423                  |   |   |   |   |   |   |
| 104 | Apr   | 196,175             | 78,038  | 9    | 1,146 | 13,001 | 288,370 | 73,454         | 60,344        | 133,798      | 8,959                   | 440                     | 17,272                  | 141,240                  |   |   |   |   |   |   |
| 105 | May   | 142,076             | 67,527  | 10   | 1,732 | 13,019 | 224,364 | 73,562         | 60,219        | 133,782      | 9,580                   | 488                     | 18,770                  | 154,331                  |   |   |   |   |   |   |
| 106 | Jun   | 109,799             | 62,660  | 12   | 2,304 | 13,531 | 188,307 | 70,924         | 60,792        | 131,716      | 9,569                   | 588                     | 18,130                  | 162,497                  |   |   |   |   |   |   |
| 107 | Jul   | 105,515             | 60,848  | 15   | 2,687 | 13,940 | 183,005 | 74,682         | 61,364        | 136,047      | 10,110                  | 865                     | 19,749                  | 189,919                  |   |   |   |   |   |   |
| 108 | Aug   | 105,284             | 60,812  | 18   | 2,748 | 14,706 | 183,567 | 78,987         | 62,637        | 141,624      | 10,379                  | 903                     | 19,949                  | 196,909                  |   |   |   |   |   |   |
| 109 | Sep   | 104,058             | 62,022  | 16   | 2,454 | 14,519 | 183,068 | 78,553         | 61,753        | 140,306      | 9,668                   | 798                     | 18,922                  | 180,442                  |   |   |   |   |   |   |
| 110 | Oct   | 129,491             | 66,836  | 15   | 1,816 | 14,621 | 212,779 | 76,350         | 65,643        | 141,993      | 9,435                   | 618                     | 18,132                  | 160,066                  |   |   |   |   |   |   |
| 111 | Nov   | 206,559             | 80,194  | 13   | 1,326 | 14,164 | 302,256 | 72,477         | 63,040        | 135,516      | 9,430                   | 480                     | 17,897                  | 143,350                  |   |   |   |   |   |   |
| 112 | Dec   | 326,334             | 98,822  | 9    | 898   | 14,322 | 440,385 | 75,593         | 66,972        | 142,564      | 9,631                   | 487                     | 18,265                  | 152,035                  |   |   |   |   |   |   |

|     | A  | B                  | C           | D           | E           | F            | G                          | H                   | I                    | J                   | K                             | L                              | M                              | N                               | O       | P                              | Q | R | S | T |
|-----|--|--------------------|-------------|-------------|-------------|--------------|----------------------------|---------------------|----------------------|---------------------|-------------------------------|--------------------------------|--------------------------------|---------------------------------|---------|--------------------------------|---|---|---|---|
| 1   | <b>2024 CAP: SoCalGas Consolidated Gas Demand Forecast Summary (Mtherms)</b> |                    |             |             |             |              |                            |                     |                      |                     |                               |                                |                                |                                 |         |                                |   |   |   |   |
| 59  | <b>MONTHLY FORECAST DATA</b>   |                    |             |             |             |              | <b>Nonresidential Core</b> |                     |                      |                     |                               | <b>Total</b>                   | <b>Noncore - G-30</b>          |                                 |         | <b>Noncore - Electric Gene</b> |   |   |   |   |
| 60  |  | <b>Residential</b> | <b>G-10</b> | <b>G-AC</b> | <b>G-GE</b> | <b>G-NGV</b> | <b>Core</b>                | <b>G-30 (Dist.)</b> | <b>G-30 (Trans.)</b> | <b>G-30 (Total)</b> | <b>EG-Dist. (&lt;3MMThms)</b> | <b>EG-Trans. (&lt;3MMThms)</b> | <b>EG-Dist. (&gt;=3MMThms)</b> | <b>EG-Trans. (&gt;=3MMThms)</b> |         |                                |   |   |   |   |
| 61  | <b>Average Year Throughput (Mth)</b>   |                    |             |             |             |              |                            |                     |                      |                     |                               |                                |                                |                                 |         |                                |   |   |   |   |
| 113 |  |                    |             |             |             |              |                            |                     |                      |                     |                               |                                |                                |                                 |         |                                |   |   |   |   |
| 114 | 2025   | Jan                | 305,162     | 94,604      | 8           | 755          | 11,703                     | 412,232             | 77,377               | 66,148              | 143,525                       | 9,701                          | 482                            | 18,179                          | 140,365 |                                |   |   |   |   |
| 115 |  | Feb                | 265,790     | 89,331      | 10          | 864          | 11,300                     | 367,295             | 69,656               | 57,121              | 126,777                       | 8,196                          | 620                            | 16,174                          | 126,452 |                                |   |   |   |   |
| 116 |  | Mar                | 232,396     | 82,568      | 7           | 1,100        | 13,313                     | 329,383             | 75,481               | 62,808              | 138,289                       | 9,066                          | 455                            | 17,879                          | 138,440 |                                |   |   |   |   |
| 117 |  | Apr                | 192,772     | 76,151      | 9           | 1,146        | 13,288                     | 283,367             | 73,236               | 60,477              | 133,713                       | 8,981                          | 506                            | 17,366                          | 133,534 |                                |   |   |   |   |
| 118 |  | May                | 139,714     | 65,925      | 10          | 1,732        | 13,305                     | 220,686             | 73,362               | 60,378              | 133,741                       | 9,669                          | 479                            | 18,874                          | 146,500 |                                |   |   |   |   |
| 119 |  | Jun                | 108,074     | 61,201      | 12          | 2,304        | 13,834                     | 185,424             | 70,734               | 60,926              | 131,660                       | 9,617                          | 578                            | 18,227                          | 152,960 |                                |   |   |   |   |
| 120 |  | Jul                | 103,884     | 59,435      | 15          | 2,687        | 14,252                     | 180,273             | 74,598               | 61,676              | 136,274                       | 10,144                         | 857                            | 19,797                          | 176,015 |                                |   |   |   |   |
| 121 |  | Aug                | 103,657     | 59,399      | 18          | 2,748        | 15,041                     | 180,864             | 78,868               | 62,906              | 141,774                       | 10,497                         | 899                            | 20,065                          | 182,690 |                                |   |   |   |   |
| 122 |  | Sep                | 102,440     | 60,584      | 16          | 2,454        | 14,849                     | 180,342             | 78,396               | 61,971              | 140,366                       | 9,738                          | 795                            | 19,033                          | 171,141 |                                |   |   |   |   |
| 123 |  | Oct                | 127,386     | 65,270      | 15          | 1,816        | 14,961                     | 209,447             | 75,999               | 65,623              | 141,622                       | 9,541                          | 620                            | 18,219                          | 151,214 |                                |   |   |   |   |
| 124 |  | Nov                | 202,919     | 78,243      | 13          | 1,326        | 14,502                     | 297,003             | 72,180               | 63,087              | 135,267                       | 9,611                          | 483                            | 18,066                          | 136,169 |                                |   |   |   |   |
| 125 |  | Dec                | 320,256     | 96,311      | 9           | 898          | 14,663                     | 432,137             | 75,379               | 67,127              | 142,506                       | 9,679                          | 489                            | 18,353                          | 145,011 |                                |   |   |   |   |
| 126 |  |                    |             |             |             |              |                            |                     |                      |                     |                               |                                |                                |                                 |         |                                |   |   |   |   |
| 127 | 2026   | Jan                | 299,768     | 92,452      | 8           | 755          | 11,960                     | 404,943             | 77,134               | 66,260              | 143,394                       | 9,750                          | 483                            | 18,209                          | 138,129 |                                |   |   |   |   |
| 128 |  | Feb                | 261,105     | 87,315      | 10          | 864          | 11,552                     | 360,846             | 69,406               | 57,209              | 126,615                       | 8,272                          | 621                            | 16,157                          | 122,034 |                                |   |   |   |   |
| 129 |  | Mar                | 228,389     | 80,736      | 7           | 1,100        | 13,618                     | 323,850             | 75,141               | 62,803              | 137,944                       | 9,203                          | 459                            | 17,901                          | 135,928 |                                |   |   |   |   |
| 130 |  | Apr                | 189,578     | 74,498      | 9           | 1,146        | 13,590                     | 278,820             | 72,953               | 60,459              | 133,412                       | 8,985                          | 516                            | 17,395                          | 128,557 |                                |   |   |   |   |
| 131 |  | May                | 137,499     | 64,525      | 10          | 1,732        | 13,606                     | 217,371             | 73,042               | 60,317              | 133,359                       | 9,676                          | 514                            | 18,901                          | 139,408 |                                |   |   |   |   |
| 132 |  | Jun                | 106,458     | 59,928      | 12          | 2,304        | 14,151                     | 182,853             | 70,397               | 60,882              | 131,279                       | 9,619                          | 587                            | 18,258                          | 148,320 |                                |   |   |   |   |
| 133 |  | Jul                | 102,358     | 58,202      | 15          | 2,687        | 14,581                     | 177,842             | 74,373               | 61,715              | 136,088                       | 10,205                         | 858                            | 19,871                          | 171,526 |                                |   |   |   |   |
| 134 |  | Aug                | 102,135     | 58,167      | 18          | 2,748        | 15,395                     | 178,463             | 78,639               | 62,949              | 141,588                       | 10,537                         | 901                            | 20,150                          | 178,720 |                                |   |   |   |   |
| 135 |  | Sep                | 100,926     | 59,329      | 16          | 2,454        | 15,197                     | 177,921             | 78,176               | 62,020              | 140,196                       | 9,798                          | 796                            | 19,196                          | 169,250 |                                |   |   |   |   |
| 136 |  | Oct                | 125,412     | 63,904      | 15          | 1,816        | 15,320                     | 206,466             | 75,852               | 65,685              | 141,537                       | 9,564                          | 620                            | 18,252                          | 147,649 |                                |   |   |   |   |
| 137 |  | Nov                | 199,500     | 76,533      | 13          | 1,326        | 14,858                     | 292,230             | 71,967               | 63,066              | 135,033                       | 9,584                          | 482                            | 18,126                          | 134,171 |                                |   |   |   |   |
| 138 |  | Dec                | 314,539     | 94,098      | 9           | 898          | 15,024                     | 424,569             | 75,235               | 67,206              | 142,440                       | 9,869                          | 490                            | 18,374                          | 140,636 |                                |   |   |   |   |
| 139 |  |                    |             |             |             |              |                            |                     |                      |                     |                               |                                |                                |                                 |         |                                |   |   |   |   |
| 140 | 2027   | Jan                | 294,010     | 90,419      | 8           | 755          | 12,246                     | 397,438             | 77,045               | 66,391              | 143,436                       | 9,839                          | 483                            | 18,212                          | 130,452 |                                |   |   |   |   |
| 141 |  | Feb                | 256,104     | 85,411      | 10          | 864          | 11,832                     | 354,220             | 69,311               | 57,312              | 126,624                       | 8,271                          | 622                            | 16,260                          | 117,673 |                                |   |   |   |   |
| 142 |  | Mar                | 224,103     | 79,009      | 7           | 1,100        | 13,958                     | 318,177             | 75,021               | 62,886              | 137,907                       | 9,201                          | 460                            | 17,922                          | 128,105 |                                |   |   |   |   |
| 143 |  | Apr                | 186,147     | 72,941      | 9           | 1,146        | 13,924                     | 274,167             | 72,875               | 60,544              | 133,419                       | 9,134                          | 517                            | 17,416                          | 122,021 |                                |   |   |   |   |
| 144 |  | May                | 135,110     | 63,209      | 10          | 1,732        | 13,939                     | 213,999             | 72,953               | 60,391              | 133,344                       | 9,744                          | 580                            | 18,992                          | 132,440 |                                |   |   |   |   |
| 145 |  | Jun                | 104,705     | 58,733      | 12          | 2,304        | 14,503                     | 180,258             | 70,317               | 60,961              | 131,278                       | 9,763                          | 585                            | 18,288                          | 139,883 |                                |   |   |   |   |
| 146 |  | Jul                | 100,699     | 57,045      | 15          | 2,687        | 14,945                     | 175,390             | 74,315               | 61,804              | 136,119                       | 10,238                         | 860                            | 20,071                          | 166,361 |                                |   |   |   |   |
| 147 |  | Aug                | 100,481     | 57,011      | 18          | 2,748        | 15,786                     | 176,044             | 78,581               | 63,045              | 141,626                       | 10,582                         | 902                            | 20,379                          | 184,949 |                                |   |   |   |   |
| 148 |  | Sep                | 99,281      | 58,153      | 16          | 2,454        | 15,583                     | 175,486             | 78,119               | 62,115              | 140,235                       | 9,756                          | 796                            | 19,673                          | 173,596 |                                |   |   |   |   |
| 149 |  | Oct                | 123,279     | 62,623      | 15          | 1,816        | 15,716                     | 203,449             | 75,790               | 65,794              | 141,584                       | 9,593                          | 621                            | 18,274                          | 143,932 |                                |   |   |   |   |
| 150 |  | Nov                | 195,835     | 74,923      | 13          | 1,326        | 15,252                     | 287,349             | 71,911               | 63,179              | 135,090                       | 9,659                          | 484                            | 18,208                          | 128,576 |                                |   |   |   |   |
| 151 |  | Dec                | 308,442     | 92,005      | 9           | 898          | 15,423                     | 416,777             | 75,168               | 67,325              | 142,493                       | 9,743                          | 491                            | 18,399                          | 137,893 |                                |   |   |   |   |
| 152 |  |                    |             |             |             |              |                            |                     |                      |                     |                               |                                |                                |                                 |         |                                |   |   |   |   |
| 153 | 2028   | Jan                | 287,921     | 88,348      | 8           | 755          | 12,546                     | 389,578             | 76,938               | 66,533              | 143,471                       | 9,840                          | 484                            | 18,150                          | 123,844 |                                |   |   |   |   |
| 154 |  | Feb                | 250,812     | 83,471      | 10          | 864          | 12,126                     | 347,282             | 69,904               | 59,331              | 129,235                       | 8,330                          | 636                            | 16,126                          | 117,017 |                                |   |   |   |   |
| 155 |  | Mar                | 219,561     | 77,245      | 7           | 1,100        | 14,315                     | 312,228             | 74,893               | 62,992              | 137,885                       | 9,290                          | 460                            | 17,963                          | 123,158 |                                |   |   |   |   |
| 156 |  | Apr                | 182,501     | 71,348      | 9           | 1,146        | 14,274                     | 269,278             | 72,711               | 60,632              | 133,343                       | 9,112                          | 514                            | 17,492                          | 119,017 |                                |   |   |   |   |
| 157 |  | May                | 132,561     | 61,859      | 10          | 1,732        | 14,289                     | 210,450             | 72,793               | 60,485              | 133,277                       | 9,928                          | 502                            | 18,967                          | 129,045 |                                |   |   |   |   |
| 158 |  | Jun                | 102,827     | 57,505      | 12          | 2,304        | 14,874                     | 177,521             | 70,164               | 61,056              | 131,220                       | 9,875                          | 578                            | 18,222                          | 133,719 |                                |   |   |   |   |
| 159 |  | Jul                | 98,918      | 55,855      | 15          | 2,687        | 15,327                     | 172,802             | 74,132               | 61,898              | 136,031                       | 10,404                         | 861                            | 19,738                          | 154,614 |                                |   |   |   |   |
| 160 |  | Aug                | 98,705      | 55,822      | 18          | 2,748        | 16,198                     | 173,490             | 78,391               | 63,141              | 141,532                       | 10,694                         | 902                            | 20,096                          | 164,301 |                                |   |   |   |   |
| 161 |  | Sep                | 97,516      | 56,943      | 16          | 2,454        | 15,988                     | 172,916             | 77,929               | 62,205              | 140,134                       | 10,018                         | 797                            | 19,183                          | 152,678 |                                |   |   |   |   |
| 162 |  | Oct                | 120,999     | 61,305      | 15          | 1,816        | 16,134                     | 200,269             | 75,614               | 65,901              | 141,516                       | 9,776                          | 622                            | 18,120                          | 135,629 |                                |   |   |   |   |
| 163 |  | Nov                | 191,944     | 73,276      | 13          | 1,326        | 15,667                     | 282,226             | 71,736               | 63,286              | 135,023                       | 9,809                          | 485                            | 18,051                          | 121,487 |                                |   |   |   |   |
| 164 |  | Dec                | 301,999     | 89,877      | 9           | 898          | 15,843                     | 408,625             | 75,007               | 67,467              | 142,473                       | 9,917                          | 492                            | 18,191                          | 129,849 |                                |   |   |   |   |

|     | A  | B   | C      | D       | E  | U     | V     | W   | X       | Y                        | Z                     | AA     | AB   | AC      | AD           | AE               | AF | AG | AH | AI |
|-----|--|-----|--------|---------|--|-------|-------|---|---------|--------------------------|-----------------------|--------|--|---------|--------------|------------------|----|----|----|----|
| 1   | <b>2024 CAP: SoCalGas Consolidated Gas Demand Forecast Summary (Mtherms)</b> |     |        |         |  |       |       |   |         |                          |                       |        |  |         |              |                  |    |    |    |    |
| 59  | <b>MONTHLY FORECAST DATA</b>   |     |        |         |  |       |       |   |         |                          |                       |        |  |         |              |                  |    |    |    |    |
| 60  | <u>ration</u>  |     |        |         | <u>Noncore - EOR</u>                                 |       |       | <u>Total</u>                                |         | <u>Wholesale Noncore</u> |                       |        |  |         | <u>Total</u> |                  |    |    |    |    |
| 61  | <b>Average Year Throughput (Mth)</b>   |     |        |         | <b>EG (&lt;3MMThms) EG (&gt;=3MMThms) EG (Total)</b> |       |       | <b>EOR (Dist.) EOR (Trans.) EOR (Total)</b> |         |                          | <b>Retail Noncore</b> |        | <b>Long Beach SDG&amp;E Southwest Gas Vernon</b> |         |              | <b>Wholesale</b> |    |    |    |    |
| 62  | 2021   | Jan | 9,406  | 150,596 | 160,001  | 8,012 | 3,035 | 11,046                                      | 317,188 | 9,193                    | 96,880                | 11,576 | 7,538  | 125,187 |              |                  |    |    |    |    |
| 63  |  | Feb | 8,032  | 109,470 | 117,502  | 7,236 | 2,741 | 9,977                                       | 245,685 | 9,697                    | 78,903                | 10,477 | 5,954  | 105,032 |              |                  |    |    |    |    |
| 64  |  | Mar | 9,720  | 161,070 | 170,790  | 8,012 | 3,035 | 11,046                                      | 327,062 | 7,632                    | 84,895                | 9,855  | 5,865  | 108,247 |              |                  |    |    |    |    |
| 65  |  | Apr | 9,340  | 170,140 | 179,480  | 7,753 | 2,937 | 10,690                                      | 325,496 | 7,497                    | 75,113                | 6,499  | 7,202  | 96,312  |              |                  |    |    |    |    |
| 66  |  | May | 10,535 | 169,383 | 179,917  | 8,012 | 3,035 | 11,046                                      | 319,398 | 7,311                    | 75,072                | 4,107  | 7,761  | 94,251  |              |                  |    |    |    |    |
| 67  |  | Jun | 12,195 | 220,859 | 233,055  | 7,753 | 2,937 | 10,690                                      | 374,791 | 6,150                    | 72,781                | 3,712  | 7,787  | 90,430  |              |                  |    |    |    |    |
| 68  |  | Jul | 14,785 | 314,039 | 328,824  | 8,012 | 3,035 | 11,046                                      | 465,341 | 6,066                    | 86,195                | 2,789  | 8,161  | 103,211 |              |                  |    |    |    |    |
| 69  |  | Aug | 13,003 | 279,923 | 292,927  | 8,012 | 3,035 | 11,046                                      | 441,729 | 5,535                    | 73,881                | 2,882  | 7,903  | 90,200  |              |                  |    |    |    |    |
| 70  |  | Sep | 11,164 | 217,044 | 228,208  | 7,753 | 2,937 | 10,690                                      | 377,200 | 5,753                    | 70,130                | 2,910  | 7,522  | 86,315  |              |                  |    |    |    |    |
| 71  |  | Oct | 10,104 | 195,235 | 205,339  | 8,012 | 3,035 | 11,046                                      | 359,266 | 6,187                    | 81,206                | 3,601  | 8,154  | 99,148  |              |                  |    |    |    |    |
| 72  |  | Nov | 10,076 | 184,676 | 194,752  | 7,753 | 2,937 | 10,690                                      | 339,450 | 8,139                    | 93,201                | 4,888  | 7,262  | 113,489 |              |                  |    |    |    |    |
| 73  |  | Dec | 9,949  | 167,800 | 177,749  | 8,012 | 3,035 | 11,046                                      | 334,571 | 11,569                   | 109,308               | 7,840  | 7,114  | 135,830 |              |                  |    |    |    |    |
| 74  |  |     |        |         |  |       |       |   |         |                          |                       |        |  |         |              |                  |    |    |    |    |
| 75  | 2022   | Jan | 10,208 | 178,874 | 189,082  | 9,599 | 3,784 | 13,383                                      | 346,791 | 9,134                    | 100,853               | 11,607 | 8,040  | 129,634 |              |                  |    |    |    |    |
| 76  |  | Feb | 8,847  | 162,220 | 171,067  | 8,670 | 3,418 | 12,088                                      | 310,618 | 9,635                    | 91,094                | 9,486  | 6,665  | 116,880 |              |                  |    |    |    |    |
| 77  |  | Mar | 9,608  | 179,743 | 189,351  | 9,599 | 3,784 | 13,383                                      | 340,867 | 7,583                    | 87,811                | 7,499  | 7,149  | 110,041 |              |                  |    |    |    |    |
| 78  |  | Apr | 9,453  | 172,339 | 181,792  | 9,289 | 3,662 | 12,952                                      | 328,556 | 7,449                    | 79,690                | 5,249  | 7,691  | 100,079 |              |                  |    |    |    |    |
| 79  |  | May | 10,213 | 193,643 | 203,857  | 9,599 | 3,784 | 13,383                                      | 350,955 | 7,265                    | 71,144                | 4,241  | 7,702  | 90,352  |              |                  |    |    |    |    |
| 80  |  | Jun | 10,198 | 203,995 | 214,193  | 9,289 | 3,662 | 12,952                                      | 358,382 | 6,110                    | 66,432                | 3,010  | 8,047  | 83,600  |              |                  |    |    |    |    |
| 81  |  | Jul | 10,987 | 230,401 | 241,388  | 9,599 | 3,784 | 13,383                                      | 389,965 | 6,027                    | 70,102                | 2,579  | 8,578  | 87,286  |              |                  |    |    |    |    |
| 82  |  | Aug | 11,378 | 245,508 | 256,886  | 9,599 | 3,784 | 13,383                                      | 411,019 | 5,499                    | 72,175                | 2,802  | 8,726  | 89,202  |              |                  |    |    |    |    |
| 83  |  | Sep | 10,581 | 228,009 | 238,590  | 9,289 | 3,662 | 12,952                                      | 391,315 | 5,716                    | 70,824                | 2,857  | 8,165  | 87,562  |              |                  |    |    |    |    |
| 84  |  | Oct | 10,057 | 193,545 | 203,602  | 9,599 | 3,784 | 13,383                                      | 358,971 | 6,148                    | 71,598                | 4,255  | 8,565  | 90,565  |              |                  |    |    |    |    |
| 85  |  | Nov | 10,066 | 176,025 | 186,091  | 9,289 | 3,662 | 12,952                                      | 334,163 | 8,086                    | 81,610                | 7,103  | 7,506  | 104,305 |              |                  |    |    |    |    |
| 86  |  | Dec | 10,153 | 184,008 | 194,162  | 9,599 | 3,784 | 13,383                                      | 349,735 | 11,495                   | 103,580               | 11,494 | 8,101  | 134,670 |              |                  |    |    |    |    |
| 87  |  |     |        |         |  |       |       |   |         |                          |                       |        |  |         |              |                  |    |    |    |    |
| 88  | 2023   | Jan | 10,290 | 182,957 | 193,247  | 9,599 | 3,784 | 13,383                                      | 350,684 | 9,175                    | 97,536                | 11,720 | 7,887  | 126,318 |              |                  |    |    |    |    |
| 89  |  | Feb | 8,921  | 161,060 | 169,981  | 8,670 | 3,418 | 12,088                                      | 308,460 | 9,678                    | 88,003                | 9,578  | 6,863  | 114,121 |              |                  |    |    |    |    |
| 90  |  | Mar | 9,571  | 180,860 | 190,431  | 9,599 | 3,784 | 13,383                                      | 342,125 | 7,620                    | 84,516                | 7,571  | 6,719  | 106,426 |              |                  |    |    |    |    |
| 91  |  | Apr | 9,464  | 172,033 | 181,497  | 9,289 | 3,662 | 12,952                                      | 328,935 | 7,489                    | 76,127                | 5,299  | 7,297  | 96,211  |              |                  |    |    |    |    |
| 92  |  | May | 10,045 | 193,684 | 203,729  | 9,599 | 3,784 | 13,383                                      | 351,628 | 7,304                    | 68,169                | 4,282  | 7,477  | 87,231  |              |                  |    |    |    |    |
| 93  |  | Jun | 10,045 | 203,544 | 213,589  | 9,289 | 3,662 | 12,952                                      | 358,940 | 6,145                    | 63,242                | 3,039  | 7,948  | 80,374  |              |                  |    |    |    |    |
| 94  |  | Jul | 10,901 | 228,630 | 239,531  | 9,599 | 3,784 | 13,383                                      | 389,174 | 6,059                    | 66,162                | 2,603  | 8,475  | 83,299  |              |                  |    |    |    |    |
| 95  |  | Aug | 11,301 | 237,701 | 249,002  | 9,599 | 3,784 | 13,383                                      | 404,215 | 5,529                    | 67,359                | 2,828  | 8,780  | 84,496  |              |                  |    |    |    |    |
| 96  |  | Sep | 10,510 | 223,003 | 233,512  | 9,289 | 3,662 | 12,952                                      | 387,304 | 5,745                    | 66,716                | 2,885  | 8,029  | 83,375  |              |                  |    |    |    |    |
| 97  |  | Oct | 9,967  | 191,544 | 201,511  | 9,599 | 3,784 | 13,383                                      | 355,637 | 6,179                    | 68,105                | 4,295  | 8,710  | 87,290  |              |                  |    |    |    |    |
| 98  |  | Nov | 9,976  | 175,443 | 185,419  | 9,289 | 3,662 | 12,952                                      | 333,369 | 8,121                    | 78,512                | 7,172  | 8,188  | 101,993 |              |                  |    |    |    |    |
| 99  |  | Dec | 10,111 | 183,913 | 194,025  | 9,599 | 3,784 | 13,383                                      | 349,773 | 11,544                   | 99,303                | 11,608 | 7,921  | 130,377 |              |                  |    |    |    |    |
| 100 |  |     |        |         |  |       |       |   |         |                          |                       |        |  |         |              |                  |    |    |    |    |
| 101 | 2024   | Jan | 10,184 | 166,640 | 176,824  | 9,599 | 3,784 | 13,383                                      | 333,557 | 9,215                    | 92,388                | 11,836 | 7,906  | 121,345 |              |                  |    |    |    |    |
| 102 |  | Feb | 8,814  | 154,586 | 163,399  | 8,670 | 3,418 | 12,088                                      | 304,876 | 9,721                    | 84,943                | 9,790  | 7,219  | 111,673 |              |                  |    |    |    |    |
| 103 |  | Mar | 9,449  | 164,192 | 173,641  | 9,599 | 3,784 | 13,383                                      | 325,248 | 7,658                    | 79,570                | 7,645  | 7,306  | 102,180 |              |                  |    |    |    |    |
| 104 |  | Apr | 9,399  | 158,512 | 167,911  | 9,289 | 3,662 | 12,952                                      | 314,661 | 7,529                    | 71,565                | 5,350  | 6,913  | 91,358  |              |                  |    |    |    |    |
| 105 |  | May | 10,068 | 173,101 | 183,169  | 9,599 | 3,784 | 13,383                                      | 330,334 | 7,344                    | 63,647                | 4,324  | 7,392  | 82,706  |              |                  |    |    |    |    |
| 106 |  | Jun | 10,157 | 180,626 | 190,783  | 9,289 | 3,662 | 12,952                                      | 335,451 | 6,181                    | 59,060                | 3,068  | 7,822  | 76,131  |              |                  |    |    |    |    |
| 107 |  | Jul | 10,975 | 209,668 | 220,643  | 9,599 | 3,784 | 13,383                                      | 370,073 | 6,091                    | 62,421                | 2,628  | 9,122  | 80,261  |              |                  |    |    |    |    |
| 108 |  | Aug | 11,282 | 216,858 | 228,140  | 9,599 | 3,784 | 13,383                                      | 383,147 | 5,558                    | 62,583                | 2,855  | 8,597  | 79,593  |              |                  |    |    |    |    |
| 109 |  | Sep | 10,465 | 199,364 | 209,829  | 9,289 | 3,662 | 12,952                                      | 363,087 | 5,774                    | 61,849                | 2,912  | 8,211  | 78,746  |              |                  |    |    |    |    |
| 110 |  | Oct | 10,053 | 178,197 | 188,250  | 9,599 | 3,784 | 13,383                                      | 343,626 | 6,210                    | 64,119                | 4,337  | 9,036  | 83,702  |              |                  |    |    |    |    |
| 111 |  | Nov | 9,910  | 161,247 | 171,158  | 9,289 | 3,662 | 12,952                                      | 319,626 | 8,157                    | 74,311                | 7,242  | 7,750  | 97,459  |              |                  |    |    |    |    |
| 112 |  | Dec | 10,117 | 170,300 | 180,417  | 9,599 | 3,784 | 13,383                                      | 336,365 | 11,595                   | 94,753                | 11,722 | 8,263  | 126,333 |              |                  |    |    |    |    |

|     | A                                 | B   | C              | D       | E          | U           | V     | W             | X           | Y              | Z          | AA                | AB            | AC      | AD        | AE | AF    | AG | AH | AI |
|-----|-----------------------------------|-----|----------------|---------|------------|-------------|-------|---------------|-------------|----------------|------------|-------------------|---------------|---------|-----------|----|-------|----|----|----|
|     | <b>2024 CAP: SoCalGas</b>         |     |                |         |            |             |       |               |             |                |            |                   |               |         |           |    |       |    |    |    |
|     | <b>Consolidated Gas Demand</b>    |     |                |         |            |             |       |               |             |                |            |                   |               |         |           |    |       |    |    |    |
|     | <b>Forecast Summary (Mtherms)</b> |     |                |         |            |             |       |               |             |                |            |                   |               |         |           |    |       |    |    |    |
| 1   |                                   |     |                |         |            |             |       |               |             |                |            |                   |               |         |           |    |       |    |    |    |
| 59  | <b>MONTHLY FORECAST DATA</b>      |     |                |         |            | ratio       |       | Noncore - EOR |             |                | Total      | Wholesale Noncore |               |         |           |    | Total |    |    |    |
| 60  | EG (<3MMThms)                     |     | EG (>=3MMThms) |         | EG (Total) | EOR (Dist.) |       | EOR (Trans.)  | EOR (Total) | Retail Noncore | Long Beach | SDG&E             | Southwest Gas | Vernon  | Wholesale |    |       |    |    |    |
| 61  | Average Year Throughput (Mth)     |     |                |         |            |             |       |               |             |                |            |                   |               |         |           |    |       |    |    |    |
| 113 |                                   |     |                |         |            |             |       |               |             |                |            |                   |               |         |           |    |       |    |    |    |
| 114 | 2025                              | Jan | 10,183         | 158,544 | 168,727    | 9,599       | 3,784 | 13,383        | 325,635     | 9,256          | 90,461     | 11,952            | 8,270         | 119,939 |           |    |       |    |    |    |
| 115 |                                   | Feb | 8,816          | 142,627 | 151,443    | 8,670       | 3,418 | 12,088        | 290,308     | 9,764          | 80,769     | 9,766             | 7,048         | 107,347 |           |    |       |    |    |    |
| 116 |                                   | Mar | 9,521          | 156,319 | 165,839    | 9,599       | 3,784 | 13,383        | 317,512     | 7,696          | 76,610     | 7,719             | 7,213         | 99,237  |           |    |       |    |    |    |
| 117 |                                   | Apr | 9,487          | 150,901 | 160,388    | 9,289       | 3,662 | 12,952        | 307,052     | 7,569          | 68,304     | 5,402             | 7,295         | 88,570  |           |    |       |    |    |    |
| 118 |                                   | May | 10,148         | 165,374 | 175,523    | 9,599       | 3,784 | 13,383        | 322,646     | 7,383          | 61,054     | 4,365             | 7,353         | 80,156  |           |    |       |    |    |    |
| 119 |                                   | Jun | 10,195         | 171,187 | 181,382    | 9,289       | 3,662 | 12,952        | 325,993     | 6,217          | 58,203     | 3,097             | 8,107         | 75,624  |           |    |       |    |    |    |
| 120 |                                   | Jul | 11,001         | 195,812 | 206,813    | 9,599       | 3,784 | 13,383        | 356,470     | 6,123          | 60,314     | 2,653             | 8,773         | 77,863  |           |    |       |    |    |    |
| 121 |                                   | Aug | 11,396         | 202,754 | 214,150    | 9,599       | 3,784 | 13,383        | 369,307     | 5,588          | 59,799     | 2,882             | 8,761         | 77,030  |           |    |       |    |    |    |
| 122 |                                   | Sep | 10,534         | 190,175 | 200,708    | 9,289       | 3,662 | 12,952        | 354,026     | 5,803          | 58,046     | 2,939             | 8,677         | 75,465  |           |    |       |    |    |    |
| 123 |                                   | Oct | 10,162         | 169,432 | 179,594    | 9,599       | 3,784 | 13,383        | 334,599     | 6,241          | 61,018     | 4,378             | 8,701         | 80,337  |           |    |       |    |    |    |
| 124 |                                   | Nov | 10,094         | 154,234 | 164,328    | 9,289       | 3,662 | 12,952        | 312,547     | 8,192          | 71,615     | 7,312             | 7,927         | 95,046  |           |    |       |    |    |    |
| 125 |                                   | Dec | 10,168         | 163,364 | 173,532    | 9,599       | 3,784 | 13,383        | 329,422     | 11,645         | 92,214     | 11,836            | 8,178         | 123,873 |           |    |       |    |    |    |
| 126 |                                   |     |                |         |            |             |       |               |             |                |            |                   |               |         |           |    |       |    |    |    |
| 127 | 2026                              | Jan | 10,233         | 156,339 | 166,571    | 9,311       | 3,671 | 12,982        | 322,947     | 9,297          | 88,451     | 12,068            | 8,743         | 118,558 |           |    |       |    |    |    |
| 128 |                                   | Feb | 8,893          | 138,191 | 147,084    | 8,410       | 3,316 | 11,725        | 285,425     | 9,807          | 80,188     | 9,860             | 7,038         | 106,893 |           |    |       |    |    |    |
| 129 |                                   | Mar | 9,662          | 153,829 | 163,490    | 9,311       | 3,671 | 12,982        | 314,416     | 7,735          | 76,571     | 7,793             | 7,302         | 99,400  |           |    |       |    |    |    |
| 130 |                                   | Apr | 9,501          | 145,953 | 155,454    | 9,011       | 3,552 | 12,563        | 301,428     | 7,609          | 68,285     | 5,453             | 7,382         | 88,730  |           |    |       |    |    |    |
| 131 |                                   | May | 10,189         | 158,309 | 168,498    | 9,311       | 3,671 | 12,982        | 314,839     | 7,424          | 59,710     | 4,407             | 7,616         | 79,156  |           |    |       |    |    |    |
| 132 |                                   | Jun | 10,205         | 166,578 | 176,783    | 9,011       | 3,552 | 12,563        | 320,625     | 6,253          | 56,765     | 3,127             | 8,268         | 74,413  |           |    |       |    |    |    |
| 133 |                                   | Jul | 11,063         | 191,397 | 202,460    | 9,311       | 3,671 | 12,982        | 351,530     | 6,155          | 59,725     | 2,677             | 9,124         | 77,682  |           |    |       |    |    |    |
| 134 |                                   | Aug | 11,439         | 198,870 | 210,309    | 9,311       | 3,671 | 12,982        | 364,879     | 5,618          | 61,679     | 2,909             | 8,546         | 78,751  |           |    |       |    |    |    |
| 135 |                                   | Sep | 10,595         | 188,446 | 199,040    | 9,011       | 3,552 | 12,563        | 351,799     | 5,833          | 59,567     | 2,967             | 8,550         | 76,917  |           |    |       |    |    |    |
| 136 |                                   | Oct | 10,185         | 165,901 | 176,085    | 9,311       | 3,671 | 12,982        | 330,604     | 6,272          | 61,027     | 4,419             | 8,743         | 80,461  |           |    |       |    |    |    |
| 137 |                                   | Nov | 10,065         | 152,297 | 162,363    | 9,011       | 3,552 | 12,563        | 309,959     | 8,227          | 70,342     | 7,381             | 8,067         | 94,018  |           |    |       |    |    |    |
| 138 |                                   | Dec | 10,359         | 159,010 | 169,369    | 9,311       | 3,671 | 12,982        | 324,791     | 11,696         | 90,245     | 11,950            | 8,052         | 121,943 |           |    |       |    |    |    |
| 139 |                                   |     |                |         |            |             |       |               |             |                |            |                   |               |         |           |    |       |    |    |    |
| 140 | 2027                              | Jan | 10,322         | 148,664 | 158,986    | 9,032       | 3,561 | 12,592        | 315,014     | 9,338          | 87,730     | 12,184            | 8,062         | 117,314 |           |    |       |    |    |    |
| 141 |                                   | Feb | 8,893          | 133,932 | 142,825    | 8,158       | 3,216 | 11,374        | 280,822     | 9,851          | 78,327     | 9,954             | 7,293         | 105,425 |           |    |       |    |    |    |
| 142 |                                   | Mar | 9,660          | 146,027 | 155,688    | 9,032       | 3,561 | 12,592        | 306,187     | 7,773          | 75,867     | 7,866             | 7,397         | 98,904  |           |    |       |    |    |    |
| 143 |                                   | Apr | 9,651          | 139,437 | 149,088    | 8,740       | 3,446 | 12,186        | 294,693     | 7,650          | 65,981     | 5,504             | 7,615         | 86,750  |           |    |       |    |    |    |
| 144 |                                   | May | 10,324         | 151,432 | 161,755    | 9,032       | 3,561 | 12,592        | 307,692     | 7,464          | 59,117     | 4,448             | 7,659         | 78,688  |           |    |       |    |    |    |
| 145 |                                   | Jun | 10,348         | 158,171 | 168,519    | 8,740       | 3,446 | 12,186        | 311,984     | 6,289          | 57,573     | 3,156             | 8,420         | 75,438  |           |    |       |    |    |    |
| 146 |                                   | Jul | 11,098         | 186,431 | 197,529    | 9,032       | 3,561 | 12,592        | 346,240     | 6,188          | 60,139     | 2,702             | 8,935         | 77,964  |           |    |       |    |    |    |
| 147 |                                   | Aug | 11,484         | 205,328 | 216,811    | 9,032       | 3,561 | 12,592        | 371,030     | 5,649          | 58,311     | 2,936             | 9,005         | 75,901  |           |    |       |    |    |    |
| 148 |                                   | Sep | 10,552         | 193,269 | 203,821    | 8,740       | 3,446 | 12,186        | 356,242     | 5,862          | 60,342     | 2,994             | 8,587         | 77,785  |           |    |       |    |    |    |
| 149 |                                   | Oct | 10,214         | 162,206 | 172,421    | 9,032       | 3,561 | 12,592        | 326,597     | 6,304          | 61,236     | 4,460             | 8,700         | 80,700  |           |    |       |    |    |    |
| 150 |                                   | Nov | 10,144         | 146,783 | 156,927    | 8,740       | 3,446 | 12,186        | 304,203     | 8,263          | 70,066     | 7,451             | 8,530         | 94,310  |           |    |       |    |    |    |
| 151 |                                   | Dec | 10,234         | 156,292 | 166,526    | 9,032       | 3,561 | 12,592        | 321,611     | 11,747         | 89,452     | 12,064            | 8,686         | 121,949 |           |    |       |    |    |    |
| 152 |                                   |     |                |         |            |             |       |               |             |                |            |                   |               |         |           |    |       |    |    |    |
| 153 | 2028                              | Jan | 10,324         | 141,995 | 152,319    | 8,761       | 3,454 | 12,215        | 308,004     | 9,380          | 85,955     | 12,300            | 8,401         | 116,036 |           |    |       |    |    |    |
| 154 |                                   | Feb | 8,966          | 133,144 | 142,110    | 7,913       | 3,120 | 11,032        | 282,378     | 9,894          | 77,368     | 10,172            | 7,394         | 104,828 |           |    |       |    |    |    |
| 155 |                                   | Mar | 9,750          | 141,121 | 150,871    | 8,761       | 3,454 | 12,215        | 300,971     | 7,812          | 72,856     | 7,940             | 7,540         | 96,149  |           |    |       |    |    |    |
| 156 |                                   | Apr | 9,626          | 136,509 | 146,135    | 8,478       | 3,342 | 11,820        | 291,298     | 7,691          | 65,916     | 5,555             | 7,455         | 86,617  |           |    |       |    |    |    |
| 157 |                                   | May | 10,430         | 148,011 | 158,441    | 8,761       | 3,454 | 12,215        | 303,933     | 7,505          | 58,130     | 4,490             | 7,556         | 77,681  |           |    |       |    |    |    |
| 158 |                                   | Jun | 10,452         | 151,941 | 162,393    | 8,478       | 3,342 | 11,820        | 305,434     | 6,326          | 55,638     | 3,185             | 7,953         | 73,102  |           |    |       |    |    |    |
| 159 |                                   | Jul | 11,265         | 174,352 | 185,617    | 8,761       | 3,454 | 12,215        | 333,862     | 6,221          | 57,356     | 2,727             | 8,959         | 75,263  |           |    |       |    |    |    |
| 160 |                                   | Aug | 11,596         | 184,397 | 195,992    | 8,761       | 3,454 | 12,215        | 349,739     | 5,679          | 59,014     | 2,962             | 8,577         | 76,232  |           |    |       |    |    |    |
| 161 |                                   | Sep | 10,814         | 171,861 | 182,675    | 8,478       | 3,342 | 11,820        | 334,630     | 5,892          | 57,346     | 3,022             | 8,452         | 74,712  |           |    |       |    |    |    |
| 162 |                                   | Oct | 10,398         | 153,750 | 164,148    | 8,761       | 3,454 | 12,215        | 317,878     | 6,336          | 59,337     | 4,501             | 9,195         | 79,369  |           |    |       |    |    |    |
| 163 |                                   | Nov | 10,295         | 139,537 | 149,832    | 8,478       | 3,342 | 11,820        | 296,675     | 8,299          | 68,687     | 7,520             | 8,310         | 92,816  |           |    |       |    |    |    |
| 164 |                                   | Dec | 10,409         | 148,040 | 158,449    | 8,761       | 3,454 | 12,215        | 313,137     | 11,798         | 87,753     | 12,178            | 8,278         | 120,008 |           |    |       |    |    |    |

|     | A  | B   | C                | D       | E       | AJ           | AK           | AL    | AM      | AN | AO | AP | AQ | AR | AS                        | AT                            | AU |
|-----|--|-----|------------------|---------|---------|--------------|--------------|-------|---------|----|----|----|----|----|---------------------------|-------------------------------|----|
| 1   | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |     |                  |         |         |              |              |       |         |    |    |    |    |    |                           |                               |    |
| 59  | <b><u>MONTHLY FORECAST DATA</u></b>  |     | International NC | Total   | Total   | System Total | System Total |       |         |    |    |    |    |    | "Un-Acnt'd-<br>For" (UAF) | Total<br>System<br>Throughput |    |
| 60  |  |     | Ecogas           | Noncore | Use Dmd | (Mdt/d)      | Co-Use-Fuel  |       |         |    |    |    |    |    |                           |                               |    |
| 61  | <b>Average Year Throughput (Mth)</b>   |     |                  |         |         |              |              |       |         |    |    |    |    |    |                           |                               |    |
| 62  | 2021   | Jan | 9,551            | 451,926 | 889,862 | 2,871        | 2,477        | 7,078 | 899,417 |    |    |    |    |    |                           |                               |    |
| 63  |  | Feb | 8,077            | 358,795 | 749,071 | 2,675        | 2,085        | 5,958 | 757,115 |    |    |    |    |    |                           |                               |    |
| 64  |  | Mar | 10,078           | 445,387 | 794,537 | 2,563        | 2,212        | 6,320 | 803,068 |    |    |    |    |    |                           |                               |    |
| 65  |  | Apr | 9,229            | 431,037 | 731,082 | 2,437        | 2,035        | 5,815 | 738,932 |    |    |    |    |    |                           |                               |    |
| 66  |  | May | 9,502            | 423,152 | 656,240 | 2,117        | 1,827        | 5,220 | 663,287 |    |    |    |    |    |                           |                               |    |
| 67  |  | Jun | 12,265           | 477,485 | 672,926 | 2,243        | 1,873        | 5,352 | 680,151 |    |    |    |    |    |                           |                               |    |
| 68  |  | Jul | 12,238           | 580,790 | 770,459 | 2,485        | 2,145        | 6,128 | 778,732 |    |    |    |    |    |                           |                               |    |
| 69  |  | Aug | 12,752           | 544,681 | 734,646 | 2,370        | 2,045        | 5,843 | 742,535 |    |    |    |    |    |                           |                               |    |
| 70  |  | Sep | 12,092           | 475,606 | 664,991 | 2,217        | 1,851        | 5,289 | 672,131 |    |    |    |    |    |                           |                               |    |
| 71  |  | Oct | 9,608            | 468,022 | 688,456 | 2,221        | 1,917        | 5,476 | 695,848 |    |    |    |    |    |                           |                               |    |
| 72  |  | Nov | 9,355            | 462,294 | 776,194 | 2,587        | 2,161        | 6,174 | 784,529 |    |    |    |    |    |                           |                               |    |
| 73  |  | Dec | 9,574            | 479,976 | 938,628 | 3,028        | 2,613        | 7,466 | 948,707 |    |    |    |    |    |                           |                               |    |
| 74  |  |     |                  |         |         |              |              |       |         |    |    |    |    |    |                           |                               |    |
| 75  | 2022   | Jan | 9,730            | 486,155 | 919,631 | 2,967        | 2,560        | 7,314 | 929,506 |    |    |    |    |    |                           |                               |    |
| 76  |  | Feb | 8,652            | 436,150 | 822,363 | 2,937        | 2,289        | 6,541 | 831,193 |    |    |    |    |    |                           |                               |    |
| 77  |  | Mar | 10,799           | 461,707 | 807,380 | 2,604        | 2,248        | 6,422 | 816,049 |    |    |    |    |    |                           |                               |    |
| 78  |  | Apr | 10,577           | 439,212 | 736,060 | 2,454        | 2,049        | 5,854 | 743,963 |    |    |    |    |    |                           |                               |    |
| 79  |  | May | 10,872           | 452,179 | 682,856 | 2,203        | 1,901        | 5,431 | 690,188 |    |    |    |    |    |                           |                               |    |
| 80  |  | Jun | 12,967           | 454,948 | 648,535 | 2,162        | 1,806        | 5,158 | 655,498 |    |    |    |    |    |                           |                               |    |
| 81  |  | Jul | 13,272           | 490,522 | 678,287 | 2,188        | 1,888        | 5,395 | 685,570 |    |    |    |    |    |                           |                               |    |
| 82  |  | Aug | 13,414           | 513,635 | 701,913 | 2,264        | 1,954        | 5,583 | 709,449 |    |    |    |    |    |                           |                               |    |
| 83  |  | Sep | 12,786           | 491,664 | 679,499 | 2,265        | 1,892        | 5,405 | 686,795 |    |    |    |    |    |                           |                               |    |
| 84  |  | Oct | 10,995           | 460,531 | 679,052 | 2,190        | 1,890        | 5,401 | 686,343 |    |    |    |    |    |                           |                               |    |
| 85  |  | Nov | 10,727           | 449,195 | 760,355 | 2,535        | 2,117        | 6,048 | 768,519 |    |    |    |    |    |                           |                               |    |
| 86  |  | Dec | 10,965           | 495,371 | 949,587 | 3,063        | 2,644        | 7,553 | 959,783 |    |    |    |    |    |                           |                               |    |
| 87  |  |     |                  |         |         |              |              |       |         |    |    |    |    |    |                           |                               |    |
| 88  | 2023   | Jan | 10,444           | 487,446 | 914,841 | 2,951        | 2,547        | 7,276 | 924,665 |    |    |    |    |    |                           |                               |    |
| 89  |  | Feb | 9,370            | 431,952 | 812,717 | 2,903        | 2,263        | 6,464 | 821,443 |    |    |    |    |    |                           |                               |    |
| 90  |  | Mar | 11,517           | 460,069 | 801,060 | 2,584        | 2,230        | 6,371 | 809,662 |    |    |    |    |    |                           |                               |    |
| 91  |  | Apr | 10,611           | 435,757 | 728,724 | 2,429        | 2,029        | 5,796 | 736,549 |    |    |    |    |    |                           |                               |    |
| 92  |  | May | 10,906           | 449,766 | 677,541 | 2,186        | 1,886        | 5,389 | 684,817 |    |    |    |    |    |                           |                               |    |
| 93  |  | Jun | 13,001           | 452,315 | 643,326 | 2,144        | 1,791        | 5,117 | 650,234 |    |    |    |    |    |                           |                               |    |
| 94  |  | Jul | 13,306           | 485,779 | 671,347 | 2,166        | 1,869        | 5,340 | 678,556 |    |    |    |    |    |                           |                               |    |
| 95  |  | Aug | 13,449           | 502,159 | 688,263 | 2,220        | 1,916        | 5,474 | 695,653 |    |    |    |    |    |                           |                               |    |
| 96  |  | Sep | 12,820           | 483,499 | 669,133 | 2,230        | 1,863        | 5,322 | 676,318 |    |    |    |    |    |                           |                               |    |
| 97  |  | Oct | 11,029           | 453,956 | 669,841 | 2,161        | 1,865        | 5,328 | 677,034 |    |    |    |    |    |                           |                               |    |
| 98  |  | Nov | 10,761           | 446,123 | 753,207 | 2,511        | 2,097        | 5,991 | 761,294 |    |    |    |    |    |                           |                               |    |
| 99  |  | Dec | 11,000           | 491,150 | 939,043 | 3,029        | 2,614        | 7,469 | 949,126 |    |    |    |    |    |                           |                               |    |
| 100 |  |     |                  |         |         |              |              |       |         |    |    |    |    |    |                           |                               |    |
| 101 | 2024   | Jan | 10,480           | 465,382 | 885,550 | 2,857        | 2,465        | 7,043 | 895,059 |    |    |    |    |    |                           |                               |    |
| 102 |  | Feb | 9,407            | 425,956 | 800,285 | 2,760        | 2,228        | 6,365 | 808,879 |    |    |    |    |    |                           |                               |    |
| 103 |  | Mar | 11,555           | 438,983 | 774,425 | 2,498        | 2,156        | 6,160 | 782,741 |    |    |    |    |    |                           |                               |    |
| 104 |  | Apr | 10,650           | 416,668 | 705,038 | 2,350        | 1,963        | 5,608 | 712,608 |    |    |    |    |    |                           |                               |    |
| 105 |  | May | 10,945           | 423,985 | 648,349 | 2,091        | 1,805        | 5,157 | 655,311 |    |    |    |    |    |                           |                               |    |
| 106 |  | Jun | 13,041           | 424,622 | 612,929 | 2,043        | 1,706        | 4,875 | 619,511 |    |    |    |    |    |                           |                               |    |
| 107 |  | Jul | 13,346           | 463,679 | 646,685 | 2,086        | 1,800        | 5,144 | 653,629 |    |    |    |    |    |                           |                               |    |
| 108 |  | Aug | 13,489           | 476,229 | 659,795 | 2,128        | 1,837        | 5,248 | 666,880 |    |    |    |    |    |                           |                               |    |
| 109 |  | Sep | 12,861           | 454,694 | 637,762 | 2,126        | 1,776        | 5,073 | 644,610 |    |    |    |    |    |                           |                               |    |
| 110 |  | Oct | 11,070           | 438,399 | 651,178 | 2,101        | 1,813        | 5,179 | 658,170 |    |    |    |    |    |                           |                               |    |
| 111 |  | Nov | 10,803           | 427,887 | 730,143 | 2,434        | 2,033        | 5,807 | 737,983 |    |    |    |    |    |                           |                               |    |
| 112 |  | Dec | 11,042           | 473,740 | 914,124 | 2,949        | 2,545        | 7,271 | 923,940 |    |    |    |    |    |                           |                               |    |

|     | A                                    | B   | C                | D       | E                 | AJ           | AK          | AL                        | AM         | AN | AO | AP | AQ | AR | AS | AT | AU           |
|-----|--------------------------------------|-----|------------------|---------|-------------------|--------------|-------------|---------------------------|------------|----|----|----|----|----|----|----|--------------|
|     | <b>2024 CAP: SoCalGas</b>            |     |                  |         |                   |              |             |                           |            |    |    |    |    |    |    |    |              |
|     | <b>Consolidated Gas Demand</b>       |     |                  |         |                   |              |             |                           |            |    |    |    |    |    |    |    |              |
|     | <b>Forecast Summary (Mtherms)</b>    |     |                  |         |                   |              |             |                           |            |    |    |    |    |    |    |    |              |
| 1   |                                      |     |                  |         |                   |              |             |                           |            |    |    |    |    |    |    |    |              |
| 59  | <b><u>MONTHLY FORECAST DATA</u></b>  |     | International NC | Total   | Total System End- | System Total |             |                           |            |    |    |    |    |    |    |    | Total System |
| 60  |                                      |     | Ecogas           | Noncore | Use Dmd           | (MdtH/d)     | Co-Use-Fuel | "Un-Acnt'd-<br>For" (UAF) | Throughput |    |    |    |    |    |    |    |              |
| 61  | <b>Average Year Throughput (Mth)</b> |     |                  |         |                   |              |             |                           |            |    |    |    |    |    |    |    |              |
| 113 |                                      |     |                  |         |                   |              |             |                           |            |    |    |    |    |    |    |    |              |
| 114 | 2025                                 | Jan | 10,522           | 456,096 | 868,329           | 2,801        | 2,417       | 6,906                     | 877,652    |    |    |    |    |    |    |    |              |
| 115 |                                      | Feb | 9,449            | 407,104 | 774,399           | 2,766        | 2,156       | 6,159                     | 782,714    |    |    |    |    |    |    |    |              |
| 116 |                                      | Mar | 11,597           | 428,347 | 757,730           | 2,444        | 2,110       | 6,027                     | 765,867    |    |    |    |    |    |    |    |              |
| 117 |                                      | Apr | 10,692           | 406,315 | 689,682           | 2,299        | 1,920       | 5,486                     | 697,087    |    |    |    |    |    |    |    |              |
| 118 |                                      | May | 10,988           | 413,791 | 634,477           | 2,047        | 1,766       | 5,046                     | 641,290    |    |    |    |    |    |    |    |              |
| 119 |                                      | Jun | 13,084           | 414,701 | 600,125           | 2,000        | 1,671       | 4,773                     | 606,569    |    |    |    |    |    |    |    |              |
| 120 |                                      | Jul | 13,389           | 447,722 | 627,995           | 2,026        | 1,748       | 4,995                     | 634,738    |    |    |    |    |    |    |    |              |
| 121 |                                      | Aug | 13,532           | 459,869 | 640,733           | 2,067        | 1,784       | 5,096                     | 647,613    |    |    |    |    |    |    |    |              |
| 122 |                                      | Sep | 12,904           | 442,396 | 622,738           | 2,076        | 1,734       | 4,953                     | 629,425    |    |    |    |    |    |    |    |              |
| 123 |                                      | Oct | 11,114           | 426,050 | 635,498           | 2,050        | 1,769       | 5,055                     | 642,322    |    |    |    |    |    |    |    |              |
| 124 |                                      | Nov | 10,846           | 418,438 | 715,441           | 2,385        | 1,992       | 5,690                     | 723,124    |    |    |    |    |    |    |    |              |
| 125 |                                      | Dec | 11,086           | 464,381 | 896,518           | 2,892        | 2,496       | 7,131                     | 906,145    |    |    |    |    |    |    |    |              |
| 126 |                                      |     |                  |         |                   |              |             |                           |            |    |    |    |    |    |    |    |              |
| 127 | 2026                                 | Jan | 10,567           | 452,072 | 857,015           | 2,765        | 2,386       | 6,816                     | 866,218    |    |    |    |    |    |    |    |              |
| 128 |                                      | Feb | 9,495            | 401,813 | 762,659           | 2,724        | 2,123       | 6,066                     | 770,848    |    |    |    |    |    |    |    |              |
| 129 |                                      | Mar | 11,644           | 425,459 | 749,309           | 2,417        | 2,086       | 5,960                     | 757,355    |    |    |    |    |    |    |    |              |
| 130 |                                      | Apr | 10,739           | 400,897 | 679,717           | 2,266        | 1,892       | 5,406                     | 687,016    |    |    |    |    |    |    |    |              |
| 131 |                                      | May | 11,035           | 405,030 | 622,402           | 2,008        | 1,733       | 4,950                     | 629,085    |    |    |    |    |    |    |    |              |
| 132 |                                      | Jun | 13,131           | 408,168 | 591,021           | 1,970        | 1,645       | 4,701                     | 597,368    |    |    |    |    |    |    |    |              |
| 133 |                                      | Jul | 13,437           | 442,648 | 620,490           | 2,002        | 1,727       | 4,935                     | 627,153    |    |    |    |    |    |    |    |              |
| 134 |                                      | Aug | 13,580           | 457,210 | 635,672           | 2,051        | 1,770       | 5,056                     | 642,498    |    |    |    |    |    |    |    |              |
| 135 |                                      | Sep | 12,952           | 441,668 | 619,590           | 2,065        | 1,725       | 4,928                     | 626,243    |    |    |    |    |    |    |    |              |
| 136 |                                      | Oct | 11,162           | 422,227 | 628,693           | 2,028        | 1,750       | 5,000                     | 635,444    |    |    |    |    |    |    |    |              |
| 137 |                                      | Nov | 10,895           | 414,872 | 707,102           | 2,357        | 1,969       | 5,624                     | 714,695    |    |    |    |    |    |    |    |              |
| 138 |                                      | Dec | 11,136           | 457,871 | 882,440           | 2,847        | 2,457       | 7,019                     | 891,915    |    |    |    |    |    |    |    |              |
| 139 |                                      |     |                  |         |                   |              |             |                           |            |    |    |    |    |    |    |    |              |
| 140 | 2027                                 | Jan | 10,608           | 442,937 | 840,374           | 2,711        | 2,340       | 6,684                     | 849,398    |    |    |    |    |    |    |    |              |
| 141 |                                      | Feb | 9,537            | 395,784 | 750,004           | 2,679        | 2,088       | 5,965                     | 758,058    |    |    |    |    |    |    |    |              |
| 142 |                                      | Mar | 11,686           | 416,777 | 734,954           | 2,371        | 2,046       | 5,846                     | 742,846    |    |    |    |    |    |    |    |              |
| 143 |                                      | Apr | 10,782           | 392,225 | 666,392           | 2,221        | 1,855       | 5,300                     | 673,548    |    |    |    |    |    |    |    |              |
| 144 |                                      | May | 11,079           | 397,459 | 611,459           | 1,972        | 1,702       | 4,863                     | 618,024    |    |    |    |    |    |    |    |              |
| 145 |                                      | Jun | 13,175           | 400,596 | 580,854           | 1,936        | 1,617       | 4,620                     | 587,091    |    |    |    |    |    |    |    |              |
| 146 |                                      | Jul | 13,480           | 437,684 | 613,074           | 1,978        | 1,707       | 4,876                     | 619,657    |    |    |    |    |    |    |    |              |
| 147 |                                      | Aug | 13,624           | 460,554 | 636,598           | 2,054        | 1,772       | 5,063                     | 643,434    |    |    |    |    |    |    |    |              |
| 148 |                                      | Sep | 12,996           | 447,024 | 622,510           | 2,075        | 1,733       | 4,951                     | 629,194    |    |    |    |    |    |    |    |              |
| 149 |                                      | Oct | 11,207           | 418,504 | 621,952           | 2,006        | 1,732       | 4,947                     | 628,630    |    |    |    |    |    |    |    |              |
| 150 |                                      | Nov | 10,940           | 409,453 | 696,801           | 2,323        | 1,940       | 5,542                     | 704,283    |    |    |    |    |    |    |    |              |
| 151 |                                      | Dec | 11,182           | 454,742 | 871,519           | 2,811        | 2,426       | 6,932                     | 880,878    |    |    |    |    |    |    |    |              |
| 152 |                                      |     |                  |         |                   |              |             |                           |            |    |    |    |    |    |    |    |              |
| 153 | 2028                                 | Jan | 10,650           | 434,690 | 824,267           | 2,659        | 2,295       | 6,556                     | 833,118    |    |    |    |    |    |    |    |              |
| 154 |                                      | Feb | 9,579            | 396,785 | 744,068           | 2,566        | 2,071       | 5,918                     | 752,057    |    |    |    |    |    |    |    |              |
| 155 |                                      | Mar | 11,729           | 408,849 | 721,077           | 2,326        | 2,007       | 5,735                     | 728,820    |    |    |    |    |    |    |    |              |
| 156 |                                      | Apr | 10,825           | 388,740 | 658,019           | 2,193        | 1,832       | 5,234                     | 665,085    |    |    |    |    |    |    |    |              |
| 157 |                                      | May | 11,122           | 392,737 | 603,187           | 1,946        | 1,679       | 4,798                     | 609,664    |    |    |    |    |    |    |    |              |
| 158 |                                      | Jun | 13,218           | 391,754 | 569,275           | 1,898        | 1,585       | 4,528                     | 575,388    |    |    |    |    |    |    |    |              |
| 159 |                                      | Jul | 13,524           | 422,649 | 595,451           | 1,921        | 1,658       | 4,736                     | 601,844    |    |    |    |    |    |    |    |              |
| 160 |                                      | Aug | 13,668           | 439,639 | 613,129           | 1,978        | 1,707       | 4,877                     | 619,713    |    |    |    |    |    |    |    |              |
| 161 |                                      | Sep | 13,041           | 422,383 | 595,299           | 1,984        | 1,657       | 4,735                     | 601,691    |    |    |    |    |    |    |    |              |
| 162 |                                      | Oct | 11,251           | 408,498 | 608,767           | 1,964        | 1,695       | 4,842                     | 615,304    |    |    |    |    |    |    |    |              |
| 163 |                                      | Nov | 10,985           | 400,477 | 682,702           | 2,276        | 1,901       | 5,430                     | 690,033    |    |    |    |    |    |    |    |              |
| 164 |                                      | Dec | 11,228           | 444,372 | 852,998           | 2,752        | 2,375       | 6,785                     | 862,157    |    |    |    |    |    |    |    |              |

|     | A  | B   | C       | D       | E      | F                   | G     | H     | I              | J              | K     | L              | M | N             | O        | P            | Q                      | R                       |
|-----|--|-----|---------|---------|--------|---------------------|-------|-------|----------------|----------------|-------|----------------|---|---------------|----------|--------------|------------------------|-------------------------|
|     | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |     |         |         |        |                     |       |       |                |                |       |                |   |               |          |              |                        |                         |
| 1   |  |     |         |         |        |                     |       |       |                |                |       |                |   |               |          |              |                        |                         |
| 167 | <b>MONTHLY FORECAST DATA</b>   |     |         |         |        |                     |       |       |                |                |       |                |   |               |          |              |                        |                         |
|     |  |     |         |         |        | Nonresidential Core |       |       |                |                | Total | Noncore - G-30 |   |               |          |              |                        |                         |
| 168 |  |     |         |         |        | Residential         | G-10  | G-AC  | G-GE           | G-NGV          | Core  | G-30 (Dist.)   |   | G-30 (Trans.) |          | G-30 (Total) | EG-Dist.<br>(<3MMThms) | EG-Trans.<br>(<3MMThms) |
| 169 | <b>Average Year Sales (Mth)</b>  |     |         |         |        |                     |       |       |                |                |       |                |   |               |          |              |                        |                         |
| 170 | 2021   | Jan | 31      | 317,693 |        | 93,112              | 5     | 827   | 3,276          | <b>414,913</b> | 0     |                | 0 |               | <b>0</b> | 0            | 0                      |                         |
| 171 | Feb  | 28  | 276,649 |         | 87,875 | 8                   | 959   | 3,069 | <b>368,559</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 172 | Mar  | 31  | 241,510 |         | 81,161 | 1                   | 1,148 | 3,761 | <b>327,582</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 173 | Apr  | 30  | 199,789 |         | 74,740 | 5                   | 1,474 | 3,624 | <b>279,632</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 174 | May  | 31  | 144,376 |         | 64,623 | 10                  | 1,916 | 3,547 | <b>214,472</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 175 | Jun  | 30  | 111,265 |         | 59,925 | 11                  | 2,539 | 3,686 | <b>177,425</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 176 | Jul  | 31  | 106,840 |         | 58,176 | 18                  | 2,788 | 3,749 | <b>171,571</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 177 | Aug  | 31  | 106,602 |         | 58,141 | 19                  | 2,664 | 4,293 | <b>171,719</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 178 | Sep  | 30  | 105,393 |         | 59,316 | 17                  | 2,231 | 4,346 | <b>171,303</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 179 | Oct  | 31  | 131,441 |         | 63,965 | 13                  | 1,696 | 4,394 | <b>201,509</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 180 | Nov  | 30  | 210,542 |         | 76,839 | 10                  | 1,083 | 4,414 | <b>292,888</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 181 | Dec  | 31  | 333,644 |         | 94,833 | 10                  | 791   | 4,626 | <b>433,903</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 182 |  |     |         |         |        |                     |       |       |                |                |       |                |   |               |          |              |                        |                         |
| 183 | 2022   | Jan | 31      | 315,618 |        | 90,997              | 8     | 691   | 3,346          | <b>410,660</b> | 0     |                | 0 |               | <b>0</b> | 0            | 0                      |                         |
| 184 | Feb  | 28  | 274,856 |         | 85,891 | 10                  | 791   | 3,139 | <b>364,686</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 185 | Mar  | 31  | 240,040 |         | 79,348 | 7                   | 1,006 | 3,850 | <b>324,251</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 186 | Apr  | 30  | 198,709 |         | 73,100 | 9                   | 1,049 | 3,712 | <b>276,579</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 187 | May  | 31  | 143,702 |         | 63,227 | 10                  | 1,585 | 3,634 | <b>212,158</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 188 | Jun  | 30  | 110,851 |         | 58,875 | 12                  | 2,109 | 3,778 | <b>175,624</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 189 | Jul  | 31  | 106,470 |         | 56,942 | 15                  | 2,460 | 3,845 | <b>169,731</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 190 | Aug  | 31  | 106,234 |         | 56,907 | 18                  | 2,516 | 4,402 | <b>170,077</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 191 | Sep  | 30  | 105,018 |         | 58,055 | 16                  | 2,246 | 4,455 | <b>169,790</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 192 | Oct  | 31  | 130,877 |         | 62,591 | 15                  | 1,662 | 4,509 | <b>199,653</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 193 | Nov  | 30  | 209,344 |         | 75,141 | 13                  | 1,214 | 4,533 | <b>290,245</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 194 | Dec  | 31  | 331,406 |         | 92,666 | 9                   | 822   | 4,748 | <b>429,650</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 195 |  |     |         |         |        |                     |       |       |                |                |       |                |   |               |          |              |                        |                         |
| 196 | 2023   | Jan | 31      | 312,268 |        | 88,446              | 8     | 691   | 3,443          | <b>404,856</b> | 0     |                | 0 |               | <b>0</b> | 0            | 0                      |                         |
| 197 | Feb  | 28  | 271,952 |         | 83,504 | 10                  | 791   | 3,234 | <b>359,491</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 198 | Mar  | 31  | 237,597 |         | 77,190 | 7                   | 1,006 | 3,970 | <b>319,770</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 199 | Apr  | 30  | 196,820 |         | 71,155 | 9                   | 1,049 | 3,829 | <b>272,862</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 200 | May  | 31  | 142,440 |         | 61,587 | 10                  | 1,585 | 3,749 | <b>209,371</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 201 | Jun  | 30  | 109,978 |         | 57,165 | 12                  | 2,109 | 3,901 | <b>173,165</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 202 | Jul  | 31  | 105,660 |         | 55,503 | 15                  | 2,460 | 3,972 | <b>167,609</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 203 | Aug  | 31  | 105,427 |         | 55,469 | 18                  | 2,516 | 4,545 | <b>167,975</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 204 | Sep  | 30  | 104,210 |         | 56,597 | 16                  | 2,246 | 4,598 | <b>167,666</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 205 | Oct  | 31  | 129,775 |         | 61,005 | 15                  | 1,662 | 4,658 | <b>197,114</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 206 | Nov  | 30  | 207,296 |         | 73,132 | 13                  | 1,214 | 4,686 | <b>286,340</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 207 | Dec  | 31  | 327,830 |         | 90,035 | 9                   | 822   | 4,905 | <b>423,601</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 208 |  |     |         |         |        |                     |       |       |                |                |       |                |   |               |          |              |                        |                         |
| 209 | 2024   | Jan | 31      | 307,561 |        | 86,059              | 8     | 691   | 3,570          | <b>397,889</b> | 0     |                | 0 |               | <b>0</b> | 0            | 0                      |                         |
| 210 | Feb  | 29  | 267,867 |         | 81,265 | 10                  | 791   | 3,358 | <b>353,291</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 211 | Mar  | 31  | 234,119 |         | 75,150 | 7                   | 1,006 | 4,125 | <b>314,408</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 212 | Apr  | 30  | 194,070 |         | 69,309 | 9                   | 1,049 | 3,980 | <b>268,416</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 213 | May  | 31  | 140,551 |         | 60,019 | 10                  | 1,585 | 3,898 | <b>206,064</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 214 | Jun  | 30  | 108,621 |         | 55,734 | 12                  | 2,109 | 4,060 | <b>170,535</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 215 | Jul  | 31  | 104,383 |         | 54,117 | 15                  | 2,460 | 4,136 | <b>165,110</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 216 | Aug  | 31  | 104,154 |         | 54,084 | 18                  | 2,516 | 4,728 | <b>165,499</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 217 | Sep  | 30  | 102,941 |         | 55,186 | 16                  | 2,246 | 4,779 | <b>165,167</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 218 | Oct  | 31  | 128,102 |         | 59,470 | 15                  | 1,662 | 4,846 | <b>194,095</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 219 | Nov  | 30  | 204,342 |         | 71,224 | 13                  | 1,214 | 4,878 | <b>281,670</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |
| 220 | Dec  | 31  | 322,832 |         | 87,584 | 9                   | 822   | 5,101 | <b>416,349</b> | 0              |       | 0              |   | <b>0</b>      | 0        | 0            |                        |                         |



|     | A  | B   | C                  | D           | E           | F           | G                          | H           | I                   | J                    | K                   | L                    | M                     | N | O | P               | Q                | R |
|-----|--|-----|--------------------|-------------|-------------|-------------|----------------------------|-------------|---------------------|----------------------|---------------------|----------------------|-----------------------|---|---|-----------------|------------------|---|
| 1   | <b>2024 CAP: SoCalGas Consolidated Gas Demand Forecast Summary (Mtherms)</b> |     |                    |             |             |             |                            |             |                     |                      |                     |                      |                       |   |   |                 |                  |   |
| 167 | <b><u>MONTHLY FORECAST DATA</u></b>  |     |                    |             |             |             |                            |             |                     |                      |                     |                      |                       |   |   |                 |                  |   |
| 168 |  |     |                    |             |             |             | <u>Nonresidential Core</u> |             |                     |                      |                     | <b>Total</b>         | <u>Noncore - G-30</u> |   |   | <u>EG-Dist.</u> | <u>EG-Trans.</u> |   |
| 169 | <b>Average Year Sales (Mth)</b>  |     | <u>Residential</u> | <u>G-10</u> | <u>G-AC</u> | <u>G-GE</u> | <u>G-NGV</u>               | <b>Core</b> | <u>G-30 (Dist.)</u> | <u>G-30 (Trans.)</u> | <b>G-30 (Total)</b> | <u>(&lt;3MMThms)</u> | <u>(&lt;3MMThms)</u>  |   |   |                 |                  |   |
| 221 |  |     |                    |             |             |             |                            |             |                     |                      |                     |                      |                       |   |   |                 |                  |   |
| 222 | 2025   | Jan | 31                 | 301,887     | 83,894      | 8           | 691                        | 3,713       | <b>390,192</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 223 |  | Feb | 28                 | 262,938     | 79,236      | 10          | 791                        | 3,499       | <b>346,473</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 224 |  | Mar | 31                 | 229,902     | 73,300      | 7           | 1,006                      | 4,301       | <b>308,517</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 225 |  | Apr | 30                 | 190,704     | 67,636      | 9           | 1,049                      | 4,150       | <b>263,547</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 226 |  | May | 31                 | 138,215     | 58,598      | 10          | 1,585                      | 4,066       | <b>202,474</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 227 |  | Jun | 30                 | 106,914     | 54,438      | 12          | 2,109                      | 4,239       | <b>167,712</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 228 |  | Jul | 31                 | 102,770     | 52,861      | 15          | 2,460                      | 4,321       | <b>162,427</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 229 |  | Aug | 31                 | 102,545     | 52,830      | 18          | 2,516                      | 4,935       | <b>162,843</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 230 |  | Sep | 30                 | 101,341     | 53,908      | 16          | 2,246                      | 4,983       | <b>162,493</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 231 |  | Oct | 31                 | 126,019     | 58,079      | 15          | 1,662                      | 5,060       | <b>190,834</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 232 |  | Nov | 30                 | 200,741     | 69,494      | 13          | 1,214                      | 5,095       | <b>276,557</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 233 |  | Dec | 31                 | 316,819     | 85,362      | 9           | 822                        | 5,323       | <b>408,336</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 234 |  |     |                    |             |             |             |                            |             |                     |                      |                     |                      |                       |   |   |                 |                  |   |
| 235 | 2026   | Jan | 31                 | 296,551     | 81,989      | 8           | 691                        | 3,866       | <b>383,105</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 236 |  | Feb | 28                 | 258,303     | 77,451      | 10          | 791                        | 3,649       | <b>340,205</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 237 |  | Mar | 31                 | 225,938     | 71,678      | 7           | 1,006                      | 4,489       | <b>303,119</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 238 |  | Apr | 30                 | 187,543     | 66,170      | 9           | 1,049                      | 4,332       | <b>259,104</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 239 |  | May | 31                 | 136,023     | 57,356      | 10          | 1,585                      | 4,247       | <b>199,221</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 240 |  | Jun | 30                 | 105,316     | 53,308      | 12          | 2,109                      | 4,433       | <b>165,177</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 241 |  | Jul | 31                 | 101,259     | 51,767      | 15          | 2,460                      | 4,521       | <b>160,022</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 242 |  | Aug | 31                 | 101,039     | 51,737      | 18          | 2,516                      | 5,157       | <b>160,466</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 243 |  | Sep | 30                 | 99,843      | 52,794      | 16          | 2,246                      | 5,203       | <b>160,101</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 244 |  | Oct | 31                 | 124,066     | 56,866      | 15          | 1,662                      | 5,290       | <b>187,899</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 245 |  | Nov | 30                 | 197,359     | 67,979      | 13          | 1,214                      | 5,330       | <b>271,894</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 246 |  | Dec | 31                 | 311,163     | 83,405      | 9           | 822                        | 5,563       | <b>400,963</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 247 |  |     |                    |             |             |             |                            |             |                     |                      |                     |                      |                       |   |   |                 |                  |   |
| 248 | 2027   | Jan | 31                 | 290,855     | 80,191      | 8           | 691                        | 4,047       | <b>375,792</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 249 |  | Feb | 28                 | 253,355     | 75,767      | 10          | 791                        | 3,827       | <b>333,750</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 250 |  | Mar | 31                 | 221,698     | 70,149      | 7           | 1,006                      | 4,711       | <b>297,572</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 251 |  | Apr | 30                 | 184,150     | 64,792      | 9           | 1,049                      | 4,546       | <b>254,546</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 252 |  | May | 31                 | 133,660     | 56,190      | 10          | 1,585                      | 4,459       | <b>195,903</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 253 |  | Jun | 30                 | 103,582     | 52,249      | 12          | 2,109                      | 4,659       | <b>162,610</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 254 |  | Jul | 31                 | 99,618      | 50,741      | 15          | 2,460                      | 4,755       | <b>157,588</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 255 |  | Aug | 31                 | 99,402      | 50,712      | 18          | 2,516                      | 5,416       | <b>158,063</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 256 |  | Sep | 30                 | 98,216      | 51,751      | 16          | 2,246                      | 5,459       | <b>157,687</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 257 |  | Oct | 31                 | 121,956     | 55,730      | 15          | 1,662                      | 5,557       | <b>184,920</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 258 |  | Nov | 30                 | 193,733     | 66,553      | 13          | 1,214                      | 5,600       | <b>267,113</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 259 |  | Dec | 31                 | 305,132     | 81,555      | 9           | 822                        | 5,839       | <b>393,357</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 260 |  |     |                    |             |             |             |                            |             |                     |                      |                     |                      |                       |   |   |                 |                  |   |
| 261 | 2028   | Jan | 31                 | 284,831     | 78,359      | 8           | 691                        | 4,241       | <b>368,129</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 262 |  | Feb | 29                 | 248,120     | 74,050      | 10          | 791                        | 4,017       | <b>326,988</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 263 |  | Mar | 31                 | 217,205     | 68,586      | 7           | 1,006                      | 4,949       | <b>291,754</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 264 |  | Apr | 30                 | 180,543     | 63,380      | 9           | 1,049                      | 4,776       | <b>249,756</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 265 |  | May | 31                 | 131,139     | 54,992      | 10          | 1,585                      | 4,686       | <b>192,412</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 266 |  | Jun | 30                 | 101,723     | 51,158      | 12          | 2,109                      | 4,901       | <b>159,904</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 267 |  | Jul | 31                 | 97,856      | 49,685      | 15          | 2,460                      | 5,005       | <b>155,021</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 268 |  | Aug | 31                 | 97,646      | 49,656      | 18          | 2,516                      | 5,693       | <b>155,528</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 269 |  | Sep | 30                 | 96,470      | 50,676      | 16          | 2,246                      | 5,733       | <b>155,141</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 270 |  | Oct | 31                 | 119,700     | 54,561      | 15          | 1,662                      | 5,843       | <b>181,781</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 271 |  | Nov | 30                 | 189,884     | 65,093      | 13          | 1,214                      | 5,890       | <b>262,094</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |
| 272 |  | Dec | 31                 | 298,758     | 79,672      | 9           | 822                        | 6,135       | <b>385,396</b>      | 0                    | 0                   | <b>0</b>             | 0                     | 0 |   |                 |                  |   |

|     | A   | B                             | C                        | D             | E              | S          | T             | U            | V           | W              | X | Y | Z | AA | AB | AC | AD |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
|-----|---|-------------------------------|--------------------------|---------------|----------------|------------|---------------|--------------|-------------|----------------|---|---|---|----|----|----|----|--|--|-------------------------------|--|--|--|--|---------------|--|--|-------|--|--|-------------------------|--------------------------|---------------|----------------|------------|-------------|--------------|-------------|----------------|
| 1   | <p style="text-align: center;"><b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b></p>   |                               |                          |               |                |            |               |              |             |                |   |   |   |    |    |    |    |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 167 | <b>MONTHLY FORECAST DATA</b>  |                               |                          |               |                |            |               |              |             |                |   |   |   |    |    |    |    |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 168 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2"></th> <th colspan="5" style="text-align: center;">Noncore - Electric Generation</th> <th colspan="3" style="text-align: center;">Noncore - EOR</th> <th style="text-align: center;">Total</th> </tr> <tr> <th colspan="2"></th> <th style="text-align: center;">EG-Dist.<br/>(&gt;=3MMThms)</th> <th style="text-align: center;">EG-Trans.<br/>(&gt;=3MMThms)</th> <th style="text-align: center;">EG (&lt;3MMThms)</th> <th style="text-align: center;">EG (&gt;=3MMThms)</th> <th style="text-align: center;">EG (Total)</th> <th style="text-align: center;">EOR (Dist.)</th> <th style="text-align: center;">EOR (Trans.)</th> <th style="text-align: center;">EOR (Total)</th> <th style="text-align: center;">Retail Noncore</th> </tr> </thead> </table> |                               |                          |               |                |            |               |              |             |                |   |   |   |    |    |    |    |  |  | Noncore - Electric Generation |  |  |  |  | Noncore - EOR |  |  | Total |  |  | EG-Dist.<br>(>=3MMThms) | EG-Trans.<br>(>=3MMThms) | EG (<3MMThms) | EG (>=3MMThms) | EG (Total) | EOR (Dist.) | EOR (Trans.) | EOR (Total) | Retail Noncore |
|     |   | Noncore - Electric Generation |                          |               |                |            | Noncore - EOR |              |             | Total          |   |   |   |    |    |    |    |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
|     |   | EG-Dist.<br>(>=3MMThms)       | EG-Trans.<br>(>=3MMThms) | EG (<3MMThms) | EG (>=3MMThms) | EG (Total) | EOR (Dist.)   | EOR (Trans.) | EOR (Total) | Retail Noncore |   |   |   |    |    |    |    |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 169 | Average Year Sales (Mth)  |                               |                          |               |                |            |               |              |             |                |   |   |   |    |    |    |    |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 170 | 2021  | Jan                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 171 |   | Feb                           | 28                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 172 |   | Mar                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 173 |   | Apr                           | 30                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 174 |   | May                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 175 |   | Jun                           | 30                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 176 |   | Jul                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 177 |   | Aug                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 178 |   | Sep                           | 30                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 179 |   | Oct                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 180 |   | Nov                           | 30                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 181 |   | Dec                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 182 |   |                               |                          |               |                |            |               |              |             |                |   |   |   |    |    |    |    |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 183 | 2022  | Jan                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 184 |   | Feb                           | 28                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 185 |   | Mar                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 186 |   | Apr                           | 30                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 187 |   | May                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 188 |   | Jun                           | 30                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 189 |   | Jul                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 190 |   | Aug                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 191 |   | Sep                           | 30                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 192 |   | Oct                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 193 |   | Nov                           | 30                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 194 |   | Dec                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 195 |   |                               |                          |               |                |            |               |              |             |                |   |   |   |    |    |    |    |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 196 | 2023  | Jan                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 197 |   | Feb                           | 28                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 198 |   | Mar                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 199 |   | Apr                           | 30                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 200 |   | May                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 201 |   | Jun                           | 30                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 202 |   | Jul                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 203 |   | Aug                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 204 |   | Sep                           | 30                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 205 |   | Oct                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 206 |   | Nov                           | 30                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 207 |   | Dec                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 208 |   |                               |                          |               |                |            |               |              |             |                |   |   |   |    |    |    |    |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 209 | 2024  | Jan                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 210 |   | Feb                           | 29                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 211 |   | Mar                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 212 |   | Apr                           | 30                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 213 |   | May                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 214 |   | Jun                           | 30                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 215 |   | Jul                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 216 |   | Aug                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 217 |   | Sep                           | 30                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 218 |   | Oct                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 219 |   | Nov                           | 30                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |
| 220 |   | Dec                           | 31                       | 0             | 0              | 0          | 0             | 0            | 0           | 0              | 0 | 0 | 0 | 0  | 0  | 0  | 0  |  |  |                               |  |  |  |  |               |  |  |       |  |  |                         |                          |               |                |            |             |              |             |                |

|     | A  | B   | C  | D | E | S | T | U | V | W | X | Y | Z | AA | AB | AC | AD |
|-----|--|-----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|
| 1   | <b>2024 CAP: SoCalGas Consolidated Gas Demand Forecast Summary (Mtherms)</b> |     |    |   |   |   |   |   |   |   |   |   |   |    |    |    |    |
| 167 | <b>MONTHLY FORECAST DATA</b>   |     |    |   |   |   |   |   |   |   |   |   |   |    |    |    |    |
| 168 |  |     |    |   |   |   |   |   |   |   |   |   |   |    |    |    |    |
| 169 | <b>Average Year Sales (Mth)</b>  |     |    |   |   |   |   |   |   |   |   |   |   |    |    |    |    |
| 221 |  |     |    |   |   |   |   |   |   |   |   |   |   |    |    |    |    |
| 222 | 2025   | Jan | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 223 |  | Feb | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 224 |  | Mar | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 225 |  | Apr | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 226 |  | May | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 227 |  | Jun | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 228 |  | Jul | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 229 |  | Aug | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 230 |  | Sep | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 231 |  | Oct | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 232 |  | Nov | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 233 |  | Dec | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 234 |  |     |    |   |   |   |   |   |   |   |   |   |   |    |    |    |    |
| 235 | 2026   | Jan | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 236 |  | Feb | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 237 |  | Mar | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 238 |  | Apr | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 239 |  | May | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 240 |  | Jun | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 241 |  | Jul | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 242 |  | Aug | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 243 |  | Sep | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 244 |  | Oct | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 245 |  | Nov | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 246 |  | Dec | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 247 |  |     |    |   |   |   |   |   |   |   |   |   |   |    |    |    |    |
| 248 | 2027   | Jan | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 249 |  | Feb | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 250 |  | Mar | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 251 |  | Apr | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 252 |  | May | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 253 |  | Jun | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 254 |  | Jul | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 255 |  | Aug | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 256 |  | Sep | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 257 |  | Oct | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 258 |  | Nov | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 259 |  | Dec | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 260 |  |     |    |   |   |   |   |   |   |   |   |   |   |    |    |    |    |
| 261 | 2028   | Jan | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 262 |  | Feb | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 263 |  | Mar | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 264 |  | Apr | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 265 |  | May | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 266 |  | Jun | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 267 |  | Jul | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 268 |  | Aug | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 269 |  | Sep | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 270 |  | Oct | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 271 |  | Nov | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |
| 272 |  | Dec | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  |

|     | A  | B        | C  | D | E | AE | AF                | AG    | AH            | AI     | AJ               | AK               | AL                   | AM                              | AN | AO      | AP | AQ                           |  |
|-----|--|----------|----|---|---|----|-------------------|-------|---------------|--------|------------------|------------------|----------------------|---------------------------------|----|---------|----|------------------------------|--|
|     | <b>2024 CAP: SoCalGas Consolidated Gas Demand Forecast Summary (Mtherms)</b> |          |    |   |   |    |                   |       |               |        |                  |                  |                      |                                 |    |         |    |                              |  |
| 1   |  |          |    |   |   |    |                   |       |               |        |                  |                  |                      |                                 |    |         |    |                              |  |
| 167 | <b>MONTHLY FORECAST DATA</b>   |          |    |   |   |    |                   |       |               |        |                  |                  |                      |                                 |    |         |    |                              |  |
|     |  |          |    |   |   |    | Wholesale Noncore |       |               |        |                  |                  |                      |                                 |    |         |    |                              |  |
| 168 |  |          |    |   |   |    | Long Beach        | SDG&E | Southwest Gas | Vernon | <b>Wholesale</b> | International NC | <b>Total Noncore</b> | <b>Total System End-Use Dmd</b> |    |         |    | <b>System Total (MdtH/d)</b> |  |
| 169 | <b>Average Year Sales (Mth)</b>  |          |    |   |   |    |                   |       |               |        |                  |                  |                      |                                 |    |         |    |                              |  |
| 170 |  | 2021 Jan | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 414,913 |    | 1,338                        |  |
| 171 |  | Feb      | 28 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 368,559 |    | 1,316                        |  |
| 172 |  | Mar      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 327,582 |    | 1,057                        |  |
| 173 |  | Apr      | 30 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 279,632 |    | 932                          |  |
| 174 |  | May      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 214,472 |    | 692                          |  |
| 175 |  | Jun      | 30 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 177,425 |    | 591                          |  |
| 176 |  | Jul      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 171,571 |    | 553                          |  |
| 177 |  | Aug      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 171,719 |    | 554                          |  |
| 178 |  | Sep      | 30 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 171,303 |    | 571                          |  |
| 179 |  | Oct      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 201,509 |    | 650                          |  |
| 180 |  | Nov      | 30 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 292,888 |    | 976                          |  |
| 181 |  | Dec      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 433,903 |    | 1,400                        |  |
| 182 |  |          |    |   |   |    |                   |       |               |        |                  |                  |                      |                                 |    |         |    |                              |  |
| 183 |  | 2022 Jan | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 410,660 |    | 1,325                        |  |
| 184 |  | Feb      | 28 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 364,686 |    | 1,302                        |  |
| 185 |  | Mar      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 324,251 |    | 1,046                        |  |
| 186 |  | Apr      | 30 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 276,579 |    | 922                          |  |
| 187 |  | May      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 212,158 |    | 684                          |  |
| 188 |  | Jun      | 30 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 175,624 |    | 585                          |  |
| 189 |  | Jul      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 169,731 |    | 548                          |  |
| 190 |  | Aug      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 170,077 |    | 549                          |  |
| 191 |  | Sep      | 30 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 169,790 |    | 566                          |  |
| 192 |  | Oct      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 199,653 |    | 644                          |  |
| 193 |  | Nov      | 30 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 290,245 |    | 967                          |  |
| 194 |  | Dec      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 429,650 |    | 1,386                        |  |
| 195 |  |          |    |   |   |    |                   |       |               |        |                  |                  |                      |                                 |    |         |    |                              |  |
| 196 |  | 2023 Jan | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 404,856 |    | 1,306                        |  |
| 197 |  | Feb      | 28 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 359,491 |    | 1,284                        |  |
| 198 |  | Mar      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 319,770 |    | 1,032                        |  |
| 199 |  | Apr      | 30 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 272,862 |    | 910                          |  |
| 200 |  | May      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 209,371 |    | 675                          |  |
| 201 |  | Jun      | 30 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 173,165 |    | 577                          |  |
| 202 |  | Jul      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 167,609 |    | 541                          |  |
| 203 |  | Aug      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 167,975 |    | 542                          |  |
| 204 |  | Sep      | 30 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 167,666 |    | 559                          |  |
| 205 |  | Oct      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 197,114 |    | 636                          |  |
| 206 |  | Nov      | 30 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 286,340 |    | 954                          |  |
| 207 |  | Dec      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 423,601 |    | 1,366                        |  |
| 208 |  |          |    |   |   |    |                   |       |               |        |                  |                  |                      |                                 |    |         |    |                              |  |
| 209 |  | 2024 Jan | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 397,889 |    | 1,284                        |  |
| 210 |  | Feb      | 29 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 353,291 |    | 1,218                        |  |
| 211 |  | Mar      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 314,408 |    | 1,014                        |  |
| 212 |  | Apr      | 30 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 268,416 |    | 895                          |  |
| 213 |  | May      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 206,064 |    | 665                          |  |
| 214 |  | Jun      | 30 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 170,535 |    | 568                          |  |
| 215 |  | Jul      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 165,110 |    | 533                          |  |
| 216 |  | Aug      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 165,499 |    | 534                          |  |
| 217 |  | Sep      | 30 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 165,167 |    | 551                          |  |
| 218 |  | Oct      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 194,095 |    | 626                          |  |
| 219 |  | Nov      | 30 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 281,670 |    | 939                          |  |
| 220 |  | Dec      | 31 |   |   |    | 0                 | 0     | 0             | 0      | 0                | 0                | 0                    | 0                               | 0  | 416,349 |    | 1,343                        |  |

|     | A  | B    | C   | D  | E | AE                | AF    | AG            | AH     | AI        | AJ               | AK      | AL                 | AM | AN | AO | AP | AQ |              |
|-----|--|------|-----|----|---|-------------------|-------|---------------|--------|-----------|------------------|---------|--------------------|----|----|----|----|----|--------------|
| 1   | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |      |     |    |   |                   |       |               |        |           |                  |         |                    |    |    |    |    |    |              |
| 167 | <b>MONTHLY FORECAST DATA</b>   |      |     |    |   |                   |       |               |        |           |                  |         |                    |    |    |    |    |    |              |
| 168 |  |      |     |    |   | Wholesale Noncore |       |               |        | Total     | International NC | Total   | Total              |    |    |    |    |    |              |
| 169 |  |      |     |    |   | Long Beach        | SDG&E | Southwest Gas | Vernon | Wholesale | Ecogas           | Noncore | System End-Use Dmd |    |    |    |    |    | System Total |
| 221 |  |      |     |    |   |                   |       |               |        |           |                  |         |                    |    |    |    |    |    | (Mth/d)      |
| 222 |  | 2025 | Jan | 31 |   | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 390,192            |    |    |    |    |    | 1,259        |
| 223 |  | Feb  | 28  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 346,473            |    |    |    |    |    | 1,237        |
| 224 |  | Mar  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 308,517            |    |    |    |    |    | 995          |
| 225 |  | Apr  | 30  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 263,547            |    |    |    |    |    | 878          |
| 226 |  | May  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 202,474            |    |    |    |    |    | 653          |
| 227 |  | Jun  | 30  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 167,712            |    |    |    |    |    | 559          |
| 228 |  | Jul  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 162,427            |    |    |    |    |    | 524          |
| 229 |  | Aug  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 162,843            |    |    |    |    |    | 525          |
| 230 |  | Sep  | 30  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 162,493            |    |    |    |    |    | 542          |
| 231 |  | Oct  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 190,834            |    |    |    |    |    | 616          |
| 232 |  | Nov  | 30  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 276,557            |    |    |    |    |    | 922          |
| 233 |  | Dec  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 408,336            |    |    |    |    |    | 1,317        |
| 234 |  |      |     |    |   |                   |       |               |        |           |                  |         |                    |    |    |    |    |    |              |
| 235 |  | 2026 | Jan | 31 |   | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 383,105            |    |    |    |    |    | 1,236        |
| 236 |  | Feb  | 28  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 340,205            |    |    |    |    |    | 1,215        |
| 237 |  | Mar  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 303,119            |    |    |    |    |    | 978          |
| 238 |  | Apr  | 30  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 259,104            |    |    |    |    |    | 864          |
| 239 |  | May  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 199,221            |    |    |    |    |    | 643          |
| 240 |  | Jun  | 30  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 165,177            |    |    |    |    |    | 551          |
| 241 |  | Jul  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 160,022            |    |    |    |    |    | 516          |
| 242 |  | Aug  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 160,466            |    |    |    |    |    | 518          |
| 243 |  | Sep  | 30  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 160,101            |    |    |    |    |    | 534          |
| 244 |  | Oct  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 187,899            |    |    |    |    |    | 606          |
| 245 |  | Nov  | 30  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 271,894            |    |    |    |    |    | 906          |
| 246 |  | Dec  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 400,963            |    |    |    |    |    | 1,293        |
| 247 |  |      |     |    |   |                   |       |               |        |           |                  |         |                    |    |    |    |    |    |              |
| 248 |  | 2027 | Jan | 31 |   | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 375,792            |    |    |    |    |    | 1,212        |
| 249 |  | Feb  | 28  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 333,750            |    |    |    |    |    | 1,192        |
| 250 |  | Mar  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 297,572            |    |    |    |    |    | 960          |
| 251 |  | Apr  | 30  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 254,546            |    |    |    |    |    | 848          |
| 252 |  | May  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 195,903            |    |    |    |    |    | 632          |
| 253 |  | Jun  | 30  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 162,610            |    |    |    |    |    | 542          |
| 254 |  | Jul  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 157,588            |    |    |    |    |    | 508          |
| 255 |  | Aug  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 158,063            |    |    |    |    |    | 510          |
| 256 |  | Sep  | 30  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 157,687            |    |    |    |    |    | 526          |
| 257 |  | Oct  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 184,920            |    |    |    |    |    | 597          |
| 258 |  | Nov  | 30  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 267,113            |    |    |    |    |    | 890          |
| 259 |  | Dec  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 393,357            |    |    |    |    |    | 1,269        |
| 260 |  |      |     |    |   |                   |       |               |        |           |                  |         |                    |    |    |    |    |    |              |
| 261 |  | 2028 | Jan | 31 |   | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 368,129            |    |    |    |    |    | 1,188        |
| 262 |  | Feb  | 29  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 326,988            |    |    |    |    |    | 1,128        |
| 263 |  | Mar  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 291,754            |    |    |    |    |    | 941          |
| 264 |  | Apr  | 30  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 249,756            |    |    |    |    |    | 833          |
| 265 |  | May  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 192,412            |    |    |    |    |    | 621          |
| 266 |  | Jun  | 30  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 159,904            |    |    |    |    |    | 533          |
| 267 |  | Jul  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 155,021            |    |    |    |    |    | 500          |
| 268 |  | Aug  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 155,528            |    |    |    |    |    | 502          |
| 269 |  | Sep  | 30  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 155,141            |    |    |    |    |    | 517          |
| 270 |  | Oct  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 181,781            |    |    |    |    |    | 586          |
| 271 |  | Nov  | 30  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 262,094            |    |    |    |    |    | 874          |
| 272 |  | Dec  | 31  |    | 0 | 0                 | 0     | 0             | 0      | 0         | 0                | 0       | 385,396            |    |    |    |    |    | 1,243        |

|     | A  | B   | C       | D       | E  | F                   | G      | H    | I    | J       | K      | L              | M             | N            | O                      | P                       | Q | R |  |
|-----|--|-----|---------|---------|----|---------------------|--------|------|------|---------|--------|----------------|---------------|--------------|------------------------|-------------------------|---|---|--|
| 1   | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |     |         |         |    |                     |        |      |      |         |        |                |               |              |                        |                         |   |   |  |
| 275 | <b>MONTHLY FORECAST DATA</b>   |     |         |         |    |                     |        |      |      |         |        |                |               |              |                        |                         |   |   |  |
| 276 |  |     |         |         |    | Nonresidential Core |        |      |      |         | Total  | Noncore - G-30 |               |              |                        |                         |   |   |  |
| 277 |  |     |         |         |    | Residential         | G-10   | G-AC | G-GE | G-NGV   | Core   | G-30 (Dist.)   | G-30 (Trans.) | G-30 (Total) | EG-Dist.<br>(<3MMThms) | EG-Trans.<br>(<3MMThms) |   |   |  |
| 277 | <b>Cold Year Throughput (Mth)</b>  |     |         |         |    |                     |        |      |      |         |        |                |               |              |                        |                         |   |   |  |
| 278 | 2021   | Jan | 360,196 | 111,736 | 5  | 903                 | 10,865 |      |      | 483,706 | 77,180 | 69,548         | 146,728       | 8,754        | 652                    |                         |   |   |  |
| 279 |  | Feb | 313,113 | 104,810 | 8  | 1,047               | 10,478 |      |      | 429,457 | 66,889 | 51,820         | 118,709       | 7,340        | 692                    |                         |   |   |  |
| 280 |  | Mar | 269,623 | 95,743  | 1  | 1,254               | 12,321 |      |      | 378,942 | 78,391 | 67,217         | 145,609       | 8,545        | 1,174                  |                         |   |   |  |
| 281 |  | Apr | 217,713 | 86,721  | 5  | 1,611               | 12,304 |      |      | 318,354 | 74,524 | 61,038         | 135,563       | 8,146        | 1,193                  |                         |   |   |  |
| 282 |  | May | 153,171 | 73,763  | 10 | 2,093               | 12,322 |      |      | 241,360 | 72,053 | 56,491         | 128,543       | 9,178        | 1,356                  |                         |   |   |  |
| 283 |  | Jun | 113,955 | 67,401  | 11 | 2,774               | 12,798 |      |      | 196,939 | 71,070 | 59,998         | 131,068       | 9,684        | 2,511                  |                         |   |   |  |
| 284 |  | Jul | 108,312 | 65,235  | 18 | 3,046               | 13,182 |      |      | 189,792 | 70,947 | 54,529         | 125,475       | 11,418       | 3,367                  |                         |   |   |  |
| 285 |  | Aug | 108,026 | 65,186  | 19 | 2,911               | 13,893 |      |      | 190,034 | 75,793 | 61,966         | 137,759       | 10,491       | 2,513                  |                         |   |   |  |
| 286 |  | Sep | 107,224 | 66,553  | 17 | 2,438               | 13,717 |      |      | 189,949 | 77,917 | 60,396         | 138,312       | 9,698        | 1,466                  |                         |   |   |  |
| 287 |  | Oct | 137,520 | 72,484  | 13 | 1,853               | 13,798 |      |      | 225,670 | 76,714 | 66,236         | 142,950       | 8,524        | 1,580                  |                         |   |   |  |
| 288 |  | Nov | 231,762 | 89,656  | 10 | 1,184               | 13,348 |      |      | 335,960 | 72,039 | 62,253         | 134,293       | 8,589        | 1,487                  |                         |   |   |  |
| 289 |  | Dec | 380,600 | 114,501 | 10 | 864                 | 13,497 |      |      | 509,471 | 77,385 | 69,042         | 146,427       | 8,883        | 1,066                  |                         |   |   |  |
| 290 |  |     |         |         |    |                     |        |      |      |         |        |                |               |              |                        |                         |   |   |  |
| 291 | 2022   | Jan | 357,424 | 109,636 | 8  | 755                 | 11,034 |      |      | 478,857 | 78,598 | 66,314         | 144,913       | 9,731        | 477                    |                         |   |   |  |
| 292 |  | Feb | 310,723 | 102,853 | 10 | 864                 | 10,644 |      |      | 425,094 | 70,593 | 57,373         | 127,966       | 8,230        | 617                    |                         |   |   |  |
| 293 |  | Mar | 267,696 | 93,970  | 7  | 1,100               | 12,520 |      |      | 375,294 | 75,836 | 62,679         | 138,515       | 9,156        | 452                    |                         |   |   |  |
| 294 |  | Apr | 216,350 | 85,147  | 9  | 1,146               | 12,504 |      |      | 315,156 | 73,621 | 60,429         | 134,049       | 8,943        | 510                    |                         |   |   |  |
| 295 |  | May | 152,365 | 72,447  | 10 | 1,732               | 12,523 |      |      | 239,077 | 73,546 | 60,277         | 133,824       | 9,641        | 573                    |                         |   |   |  |
| 296 |  | Jun | 113,510 | 66,218  | 12 | 2,304               | 13,008 |      |      | 195,052 | 70,617 | 60,643         | 131,259       | 9,611        | 587                    |                         |   |   |  |
| 297 |  | Jul | 107,933 | 64,095  | 15 | 2,687               | 13,399 |      |      | 188,129 | 74,146 | 61,052         | 135,198       | 10,102       | 885                    |                         |   |   |  |
| 298 |  | Aug | 107,649 | 64,048  | 18 | 2,748               | 14,126 |      |      | 188,589 | 78,446 | 62,307         | 140,754       | 10,479       | 899                    |                         |   |   |  |
| 299 |  | Sep | 106,833 | 65,385  | 16 | 2,454               | 13,947 |      |      | 188,635 | 78,190 | 61,593         | 139,784       | 9,745        | 836                    |                         |   |   |  |
| 300 |  | Oct | 136,870 | 71,194  | 15 | 1,816               | 14,035 |      |      | 223,929 | 76,491 | 65,564         | 142,055       | 9,443        | 614                    |                         |   |   |  |
| 301 |  | Nov | 230,224 | 88,016  | 13 | 1,326               | 13,583 |      |      | 333,162 | 72,628 | 62,777         | 135,405       | 9,589        | 477                    |                         |   |   |  |
| 302 |  | Dec | 377,588 | 112,339 | 9  | 898                 | 13,734 |      |      | 504,569 | 76,095 | 66,746         | 142,842       | 9,671        | 483                    |                         |   |   |  |
| 303 |  |     |         |         |    |                     |        |      |      |         |        |                |               |              |                        |                         |   |   |  |
| 304 | 2023   | Jan | 353,375 | 106,599 | 8  | 755                 | 11,230 |      |      | 471,967 | 78,456 | 66,184         | 144,641       | 9,811        | 479                    |                         |   |   |  |
| 305 |  | Feb | 307,219 | 100,023 | 10 | 864                 | 10,837 |      |      | 418,952 | 70,193 | 56,701         | 126,894       | 8,304        | 617                    |                         |   |   |  |
| 306 |  | Mar | 264,794 | 91,430  | 7  | 1,100               | 12,752 |      |      | 370,083 | 76,135 | 62,558         | 138,694       | 9,121        | 450                    |                         |   |   |  |
| 307 |  | Apr | 214,172 | 82,885  | 9  | 1,146               | 12,735 |      |      | 310,948 | 74,135 | 60,588         | 134,723       | 9,025        | 439                    |                         |   |   |  |
| 308 |  | May | 150,966 | 70,563  | 10 | 1,732               | 12,753 |      |      | 236,024 | 74,139 | 60,485         | 134,624       | 9,555        | 489                    |                         |   |   |  |
| 309 |  | Jun | 112,603 | 64,531  | 12 | 2,304               | 13,251 |      |      | 192,702 | 71,396 | 61,026         | 132,422       | 9,501        | 544                    |                         |   |   |  |
| 310 |  | Jul | 107,109 | 62,464  | 15 | 2,687               | 13,650 |      |      | 185,925 | 74,929 | 61,335         | 136,264       | 10,035       | 866                    |                         |   |   |  |
| 311 |  | Aug | 106,829 | 62,418  | 18 | 2,748               | 14,395 |      |      | 186,408 | 79,234 | 62,599         | 141,833       | 10,396       | 905                    |                         |   |   |  |
| 312 |  | Sep | 106,005 | 63,731  | 16 | 2,454               | 14,213 |      |      | 186,418 | 78,958 | 61,893         | 140,850       | 9,694        | 816                    |                         |   |   |  |
| 313 |  | Oct | 135,677 | 69,380  | 15 | 1,816               | 14,307 |      |      | 221,195 | 75,987 | 64,827         | 140,813       | 9,353        | 615                    |                         |   |   |  |
| 314 |  | Nov | 227,832 | 85,669  | 13 | 1,326               | 13,853 |      |      | 328,693 | 72,653 | 62,631         | 135,283       | 9,497        | 479                    |                         |   |   |  |
| 315 |  | Dec | 373,238 | 109,195 | 9  | 898                 | 14,007 |      |      | 497,348 | 76,269 | 66,747         | 143,016       | 9,626        | 485                    |                         |   |   |  |
| 316 |  |     |         |         |    |                     |        |      |      |         |        |                |               |              |                        |                         |   |   |  |
| 317 | 2024   | Jan | 347,965 | 103,759 | 8  | 755                 | 11,458 |      |      | 463,945 | 78,004 | 65,933         | 143,937       | 9,706        | 479                    |                         |   |   |  |
| 318 |  | Feb | 302,531 | 97,371  | 10 | 864                 | 11,060 |      |      | 411,836 | 70,997 | 58,894         | 129,892       | 8,181        | 632                    |                         |   |   |  |
| 319 |  | Mar | 260,853 | 89,034  | 7  | 1,100               | 13,022 |      |      | 364,015 | 75,980 | 62,626         | 138,606       | 8,999        | 450                    |                         |   |   |  |
| 320 |  | Apr | 211,130 | 80,743  | 9  | 1,146               | 13,001 |      |      | 306,030 | 73,681 | 60,354         | 134,035       | 8,959        | 440                    |                         |   |   |  |
| 321 |  | May | 148,937 | 68,766  | 10 | 1,732               | 13,019 |      |      | 232,464 | 73,666 | 60,224         | 133,890       | 9,580        | 488                    |                         |   |   |  |
| 322 |  | Jun | 111,206 | 62,912  | 12 | 2,304               | 13,531 |      |      | 189,966 | 70,946 | 60,793         | 131,738       | 9,569        | 588                    |                         |   |   |  |
| 323 |  | Jul | 105,813 | 60,899  | 15 | 2,687               | 13,940 |      |      | 183,354 | 74,687 | 61,364         | 136,051       | 10,110       | 865                    |                         |   |   |  |
| 324 |  | Aug | 105,537 | 60,855  | 18 | 2,748               | 14,706 |      |      | 183,864 | 78,991 | 62,637         | 141,628       | 10,379       | 903                    |                         |   |   |  |
| 325 |  | Sep | 104,710 | 62,138  | 16 | 2,454               | 14,519 |      |      | 183,836 | 78,563 | 61,753         | 140,317       | 9,668        | 798                    |                         |   |   |  |
| 326 |  | Oct | 133,908 | 67,633  | 15 | 1,816               | 14,621 |      |      | 217,993 | 76,417 | 65,646         | 142,062       | 9,435        | 618                    |                         |   |   |  |
| 327 |  | Nov | 224,530 | 83,446  | 13 | 1,326               | 14,164 |      |      | 323,479 | 72,749 | 63,052         | 135,801       | 9,430        | 480                    |                         |   |   |  |
| 328 |  | Dec | 367,463 | 106,267 | 9  | 898                 | 14,322 |      |      | 488,958 | 76,216 | 67,000         | 143,216       | 9,631        | 487                    |                         |   |   |  |

|     | A  | B           | C       | D    | E     | F      | G                   | H            | I             | J            | K                      | L                       | M | N | O | P | Q | R |
|-----|--|-------------|---------|------|-------|--------|---------------------|--------------|---------------|--------------|------------------------|-------------------------|---|---|---|---|---|---|
| 1   | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |             |         |      |       |        |                     |              |               |              |                        |                         |   |   |   |   |   |   |
| 275 | <b>MONTHLY FORECAST DATA</b>   |             |         |      |       |        |                     |              |               |              |                        |                         |   |   |   |   |   |   |
| 276 |  |             |         |      |       |        | Nonresidential Core |              |               | Total        | Noncore - G-30         |                         |   |   |   |   |   |   |
| 277 |  | Residential | G-10    | G-AC | G-GE  | G-NGV  | Core                | G-30 (Dist.) | G-30 (Trans.) | G-30 (Total) | EG-Dist.<br>(<3MMThms) | EG-Trans.<br>(<3MMThms) |   |   |   |   |   |   |
| 278 | <b>Cold Year Throughput (Mth)</b>  |             |         |      |       |        |                     |              |               |              |                        |                         |   |   |   |   |   |   |
| 329 |  |             |         |      |       |        |                     |              |               |              |                        |                         |   |   |   |   |   |   |
| 330 | 2025 Jan   | 341,589     | 101,174 | 8    | 755   | 11,703 | 455,229             | 77,938       | 66,173        | 144,112      | 9,701                  | 482                     |   |   |   |   |   |   |
| 331 | Feb  | 297,000     | 94,959  | 10   | 864   | 11,300 | 404,133             | 70,137       | 57,143        | 127,280      | 8,196                  | 620                     |   |   |   |   |   |   |
| 332 | Mar  | 256,172     | 86,855  | 7    | 1,100 | 13,313 | 357,446             | 75,847       | 62,825        | 138,672      | 9,066                  | 455                     |   |   |   |   |   |   |
| 333 | Apr  | 207,469     | 78,799  | 9    | 1,146 | 13,288 | 300,711             | 73,463       | 60,487        | 133,949      | 8,981                  | 506                     |   |   |   |   |   |   |
| 334 | May  | 146,456     | 67,137  | 10   | 1,732 | 13,305 | 228,641             | 73,466       | 60,383        | 133,849      | 9,669                  | 479                     |   |   |   |   |   |   |
| 335 | Jun  | 109,456     | 61,446  | 12   | 2,304 | 13,834 | 187,052             | 70,755       | 60,926        | 131,682      | 9,617                  | 578                     |   |   |   |   |   |   |
| 336 | Jul  | 104,177     | 59,483  | 15   | 2,687 | 14,252 | 180,613             | 74,602       | 61,677        | 136,279      | 10,144                 | 857                     |   |   |   |   |   |   |
| 337 | Aug  | 103,907     | 59,439  | 18   | 2,748 | 15,041 | 181,153             | 78,871       | 62,906        | 141,778      | 10,497                 | 899                     |   |   |   |   |   |   |
| 338 | Sep  | 103,082     | 60,695  | 16   | 2,454 | 14,849 | 181,095             | 78,406       | 61,971        | 140,377      | 9,738                  | 795                     |   |   |   |   |   |   |
| 339 | Oct  | 131,726     | 66,049  | 15   | 1,816 | 14,961 | 214,566             | 76,065       | 65,626        | 141,692      | 9,541                  | 620                     |   |   |   |   |   |   |
| 340 | Nov  | 220,580     | 81,426  | 13   | 1,326 | 14,502 | 317,847             | 72,452       | 63,099        | 135,551      | 9,611                  | 483                     |   |   |   |   |   |   |
| 341 | Dec  | 360,674     | 103,601 | 9    | 898   | 14,663 | 479,845             | 76,002       | 67,155        | 143,157      | 9,679                  | 489                     |   |   |   |   |   |   |
| 342 |  |             |         |      |       |        |                     |              |               |              |                        |                         |   |   |   |   |   |   |
| 343 | 2026 Jan   | 335,565     | 98,896  | 8    | 755   | 11,960 | 447,184             | 77,695       | 66,286        | 143,981      | 9,750                  | 483                     |   |   |   |   |   |   |
| 344 | Feb  | 291,776     | 92,836  | 10   | 864   | 11,552 | 397,037             | 69,887       | 57,231        | 127,118      | 8,272                  | 621                     |   |   |   |   |   |   |
| 345 | Mar  | 251,755     | 84,942  | 7    | 1,100 | 13,618 | 351,422             | 75,508       | 62,819        | 138,327      | 9,203                  | 459                     |   |   |   |   |   |   |
| 346 | Apr  | 204,020     | 77,097  | 9    | 1,146 | 13,590 | 295,862             | 73,179       | 60,469        | 133,648      | 8,985                  | 516                     |   |   |   |   |   |   |
| 347 | May  | 144,124     | 65,718  | 10   | 1,732 | 13,606 | 225,190             | 73,145       | 60,322        | 133,467      | 9,676                  | 514                     |   |   |   |   |   |   |
| 348 | Jun  | 107,817     | 60,172  | 12   | 2,304 | 14,151 | 184,456             | 70,418       | 60,883        | 131,301      | 9,619                  | 587                     |   |   |   |   |   |   |
| 349 | Jul  | 102,645     | 58,253  | 15   | 2,687 | 14,581 | 178,181             | 74,377       | 61,716        | 136,093      | 10,205                 | 858                     |   |   |   |   |   |   |
| 350 | Aug  | 102,380     | 58,211  | 18   | 2,748 | 15,395 | 178,752             | 78,643       | 62,949        | 141,592      | 10,537                 | 901                     |   |   |   |   |   |   |
| 351 | Sep  | 101,556     | 59,443  | 16   | 2,454 | 15,197 | 178,665             | 78,186       | 62,021        | 140,206      | 9,798                  | 796                     |   |   |   |   |   |   |
| 352 | Oct  | 129,677     | 64,671  | 15   | 1,816 | 15,320 | 211,499             | 75,919       | 65,688        | 141,607      | 9,564                  | 620                     |   |   |   |   |   |   |
| 353 | Nov  | 216,856     | 79,658  | 13   | 1,326 | 14,858 | 312,710             | 72,240       | 63,078        | 135,318      | 9,584                  | 482                     |   |   |   |   |   |   |
| 354 | Dec  | 354,259     | 101,248 | 9    | 898   | 15,024 | 471,438             | 75,857       | 67,234        | 143,091      | 9,869                  | 490                     |   |   |   |   |   |   |
| 355 |  |             |         |      |       |        |                     |              |               |              |                        |                         |   |   |   |   |   |   |
| 356 | 2027 Jan   | 329,189     | 96,740  | 8    | 755   | 12,246 | 438,938             | 77,606       | 66,417        | 144,023      | 9,839                  | 483                     |   |   |   |   |   |   |
| 357 | Feb  | 286,244     | 90,827  | 10   | 864   | 11,832 | 389,777             | 69,792       | 57,334        | 127,126      | 8,271                  | 622                     |   |   |   |   |   |   |
| 358 | Mar  | 247,065     | 83,136  | 7    | 1,100 | 13,958 | 345,266             | 75,387       | 62,903        | 138,290      | 9,201                  | 460                     |   |   |   |   |   |   |
| 359 | Apr  | 200,340     | 75,494  | 9    | 1,146 | 13,924 | 290,913             | 73,101       | 60,555        | 133,656      | 9,134                  | 517                     |   |   |   |   |   |   |
| 360 | May  | 141,621     | 64,383  | 10   | 1,732 | 13,939 | 221,685             | 73,057       | 60,396        | 133,453      | 9,744                  | 580                     |   |   |   |   |   |   |
| 361 | Jun  | 106,041     | 58,978  | 12   | 2,304 | 14,503 | 181,838             | 70,339       | 60,962        | 131,301      | 9,763                  | 585                     |   |   |   |   |   |   |
| 362 | Jul  | 100,981     | 57,100  | 15   | 2,687 | 14,945 | 175,728             | 74,320       | 61,804        | 136,123      | 10,238                 | 860                     |   |   |   |   |   |   |
| 363 | Aug  | 100,722     | 57,059  | 18   | 2,748 | 15,786 | 176,333             | 78,585       | 63,046        | 141,630      | 10,582                 | 902                     |   |   |   |   |   |   |
| 364 | Sep  | 99,900      | 58,269  | 16   | 2,454 | 15,583 | 176,222             | 78,129       | 62,116        | 140,245      | 9,756                  | 796                     |   |   |   |   |   |   |
| 365 | Oct  | 127,470     | 63,380  | 15   | 1,816 | 15,716 | 208,398             | 75,857       | 65,797        | 141,654      | 9,593                  | 621                     |   |   |   |   |   |   |
| 366 | Nov  | 212,891     | 77,990  | 13   | 1,326 | 15,252 | 307,472             | 72,183       | 63,192        | 135,375      | 9,659                  | 484                     |   |   |   |   |   |   |
| 367 | Dec  | 347,476     | 99,018  | 9    | 898   | 15,423 | 462,824             | 75,791       | 67,353        | 143,144      | 9,743                  | 491                     |   |   |   |   |   |   |
| 368 |  |             |         |      |       |        |                     |              |               |              |                        |                         |   |   |   |   |   |   |
| 369 | 2028 Jan   | 322,492     | 94,549  | 8    | 755   | 12,546 | 430,350             | 77,499       | 66,558        | 144,058      | 9,840                  | 484                     |   |   |   |   |   |   |
| 370 | Feb  | 280,432     | 88,785  | 10   | 864   | 12,126 | 382,216             | 70,385       | 59,353        | 129,738      | 8,330                  | 636                     |   |   |   |   |   |   |
| 371 | Mar  | 242,126     | 81,295  | 7    | 1,100 | 14,315 | 338,844             | 75,259       | 63,009        | 138,268      | 9,290                  | 460                     |   |   |   |   |   |   |
| 372 | Apr  | 196,449     | 73,855  | 9    | 1,146 | 14,274 | 285,734             | 72,937       | 60,642        | 133,580      | 9,112                  | 514                     |   |   |   |   |   |   |
| 373 | May  | 138,960     | 63,014  | 10   | 1,732 | 14,289 | 218,005             | 72,897       | 60,489        | 133,386      | 9,928                  | 502                     |   |   |   |   |   |   |
| 374 | Jun  | 104,139     | 57,749  | 12   | 2,304 | 14,874 | 179,078             | 70,185       | 61,057        | 131,243      | 9,875                  | 578                     |   |   |   |   |   |   |
| 375 | Jul  | 99,195      | 55,914  | 15   | 2,687 | 15,327 | 173,138             | 74,137       | 61,899        | 136,036      | 10,404                 | 861                     |   |   |   |   |   |   |
| 376 | Aug  | 98,942      | 55,874  | 18   | 2,748 | 16,198 | 173,779             | 78,395       | 63,141        | 141,536      | 10,694                 | 902                     |   |   |   |   |   |   |
| 377 | Sep  | 98,125      | 57,061  | 16   | 2,454 | 15,988 | 173,644             | 77,939       | 62,205        | 140,144      | 10,018                 | 797                     |   |   |   |   |   |   |
| 378 | Oct  | 125,118     | 62,053  | 15   | 1,816 | 16,134 | 205,135             | 75,681       | 65,904        | 141,586      | 9,776                  | 622                     |   |   |   |   |   |   |
| 379 | Nov  | 208,705     | 76,287  | 13   | 1,326 | 15,667 | 301,999             | 72,008       | 63,299        | 135,307      | 9,809                  | 485                     |   |   |   |   |   |   |
| 380 | Dec  | 340,358     | 96,756  | 9    | 898   | 15,843 | 453,863             | 75,629       | 67,495        | 143,125      | 9,917                  | 492                     |   |   |   |   |   |   |

|     | A  | B   | C                             | D                        | E             | S              | T          | U             | V            | W           | X              | Y | Z | AA | AB | AC | AD |
|-----|--|-----|-------------------------------|--------------------------|---------------|----------------|------------|---------------|--------------|-------------|----------------|---|---|----|----|----|----|
| 1   | <b>2024 CAP: SoCalGas</b><br><b>Consolidated Gas Demand</b><br><b>Forecast Summary (Mtherms)</b> |     |                               |                          |               |                |            |               |              |             |                |   |   |    |    |    |    |
| 275 | <b>MONTHLY FORECAST DATA</b>   |     |                               |                          |               |                |            |               |              |             |                |   |   |    |    |    |    |
| 276 |  |     | Noncore - Electric Generation |                          |               |                |            | Noncore - EOR |              |             | Total          |   |   |    |    |    |    |
| 277 |  |     | EG-Dist.<br>(>=3MMThms)       | EG-Trans.<br>(>=3MMThms) | EG (<3MMThms) | EG (>=3MMThms) | EG (Total) | EOR (Dist.)   | EOR (Trans.) | EOR (Total) | Retail Noncore |   |   |    |    |    |    |
| 277 | <b>Cold Year Throughput (Mth)</b>  |     |                               |                          |               |                |            |               |              |             |                |   |   |    |    |    |    |
| 278 | 2021   | Jan | 15,930                        | 134,666                  | 9,406         | 150,596        | 160,001    | 8,012         | 3,035        | 11,046      | 317,775        |   |   |    |    |    |    |
| 279 |  | Feb | 14,487                        | 94,983                   | 8,032         | 109,470        | 117,502    | 7,236         | 2,741        | 9,977       | 246,188        |   |   |    |    |    |    |
| 280 |  | Mar | 17,138                        | 143,932                  | 9,720         | 161,070        | 170,790    | 8,012         | 3,035        | 11,046      | 327,445        |   |   |    |    |    |    |
| 281 |  | Apr | 16,251                        | 153,890                  | 9,340         | 170,140        | 179,480    | 7,753         | 2,937        | 10,690      | 325,733        |   |   |    |    |    |    |
| 282 |  | May | 17,315                        | 152,067                  | 10,535        | 169,383        | 179,917    | 8,012         | 3,035        | 11,046      | 319,507        |   |   |    |    |    |    |
| 283 |  | Jun | 18,056                        | 202,803                  | 12,195        | 220,859        | 233,055    | 7,753         | 2,937        | 10,690      | 374,813        |   |   |    |    |    |    |
| 284 |  | Jul | 18,130                        | 295,909                  | 14,785        | 314,039        | 328,824    | 8,012         | 3,035        | 11,046      | 465,346        |   |   |    |    |    |    |
| 285 |  | Aug | 18,298                        | 261,626                  | 13,003        | 279,923        | 292,927    | 8,012         | 3,035        | 11,046      | 441,733        |   |   |    |    |    |    |
| 286 |  | Sep | 17,458                        | 199,586                  | 11,164        | 217,044        | 228,208    | 7,753         | 2,937        | 10,690      | 377,210        |   |   |    |    |    |    |
| 287 |  | Oct | 16,198                        | 179,037                  | 10,104        | 195,235        | 205,339    | 8,012         | 3,035        | 11,046      | 359,336        |   |   |    |    |    |    |
| 288 |  | Nov | 16,641                        | 168,035                  | 10,076        | 184,676        | 194,752    | 7,753         | 2,937        | 10,690      | 339,735        |   |   |    |    |    |    |
| 289 |  | Dec | 17,262                        | 150,538                  | 9,949         | 167,800        | 177,749    | 8,012         | 3,035        | 11,046      | 335,222        |   |   |    |    |    |    |
| 290 |  |     |                               |                          |               |                |            |               |              |             |                |   |   |    |    |    |    |
| 291 | 2022   | Jan | 17,842                        | 161,033                  | 10,208        | 178,874        | 189,082    | 9,599         | 3,784        | 13,383      | 347,378        |   |   |    |    |    |    |
| 292 |  | Feb | 15,986                        | 146,234                  | 8,847         | 162,220        | 171,067    | 8,670         | 3,418        | 12,088      | 311,121        |   |   |    |    |    |    |
| 293 |  | Mar | 17,646                        | 162,097                  | 9,608         | 179,743        | 189,351    | 9,599         | 3,784        | 13,383      | 341,250        |   |   |    |    |    |    |
| 294 |  | Apr | 17,154                        | 155,185                  | 9,453         | 172,339        | 181,792    | 9,289         | 3,662        | 12,952      | 328,793        |   |   |    |    |    |    |
| 295 |  | May | 18,741                        | 174,902                  | 10,213        | 193,643        | 203,857    | 9,599         | 3,784        | 13,383      | 351,063        |   |   |    |    |    |    |
| 296 |  | Jun | 18,224                        | 185,771                  | 10,198        | 203,995        | 214,193    | 9,289         | 3,662        | 12,952      | 358,404        |   |   |    |    |    |    |
| 297 |  | Jul | 19,937                        | 210,464                  | 10,987        | 230,401        | 241,388    | 9,599         | 3,784        | 13,383      | 389,969        |   |   |    |    |    |    |
| 298 |  | Aug | 20,268                        | 225,241                  | 11,378        | 245,508        | 256,886    | 9,599         | 3,784        | 13,383      | 411,023        |   |   |    |    |    |    |
| 299 |  | Sep | 19,157                        | 208,852                  | 10,581        | 228,009        | 238,590    | 9,289         | 3,662        | 12,952      | 391,325        |   |   |    |    |    |    |
| 300 |  | Oct | 17,965                        | 175,580                  | 10,057        | 193,545        | 203,602    | 9,599         | 3,784        | 13,383      | 359,040        |   |   |    |    |    |    |
| 301 |  | Nov | 17,722                        | 158,304                  | 10,066        | 176,025        | 186,091    | 9,289         | 3,662        | 12,952      | 334,447        |   |   |    |    |    |    |
| 302 |  | Dec | 18,107                        | 165,901                  | 10,153        | 184,008        | 194,162    | 9,599         | 3,784        | 13,383      | 350,386        |   |   |    |    |    |    |
| 303 |  |     |                               |                          |               |                |            |               |              |             |                |   |   |    |    |    |    |
| 304 | 2023   | Jan | 17,894                        | 165,063                  | 10,290        | 182,957        | 193,247    | 9,599         | 3,784        | 13,383      | 351,271        |   |   |    |    |    |    |
| 305 |  | Feb | 15,862                        | 145,197                  | 8,921         | 161,060        | 169,981    | 8,670         | 3,418        | 12,088      | 308,963        |   |   |    |    |    |    |
| 306 |  | Mar | 17,729                        | 163,131                  | 9,571         | 180,860        | 190,431    | 9,599         | 3,784        | 13,383      | 342,508        |   |   |    |    |    |    |
| 307 |  | Apr | 17,254                        | 154,779                  | 9,464         | 172,033        | 181,497    | 9,289         | 3,662        | 12,952      | 329,172        |   |   |    |    |    |    |
| 308 |  | May | 18,755                        | 174,929                  | 10,045        | 193,684        | 203,729    | 9,599         | 3,784        | 13,383      | 351,737        |   |   |    |    |    |    |
| 309 |  | Jun | 18,003                        | 185,541                  | 10,045        | 203,544        | 213,589    | 9,289         | 3,662        | 12,952      | 358,962        |   |   |    |    |    |    |
| 310 |  | Jul | 19,694                        | 208,936                  | 10,901        | 228,630        | 239,531    | 9,599         | 3,784        | 13,383      | 389,178        |   |   |    |    |    |    |
| 311 |  | Aug | 20,041                        | 217,660                  | 11,301        | 237,701        | 249,002    | 9,599         | 3,784        | 13,383      | 404,219        |   |   |    |    |    |    |
| 312 |  | Sep | 19,029                        | 203,974                  | 10,510        | 223,003        | 233,512    | 9,289         | 3,662        | 12,952      | 387,314        |   |   |    |    |    |    |
| 313 |  | Oct | 17,836                        | 173,708                  | 9,967         | 191,544        | 201,511    | 9,599         | 3,784        | 13,383      | 355,707        |   |   |    |    |    |    |
| 314 |  | Nov | 17,472                        | 157,971                  | 9,976         | 175,443        | 185,419    | 9,289         | 3,662        | 12,952      | 333,653        |   |   |    |    |    |    |
| 315 |  | Dec | 18,055                        | 165,858                  | 10,111        | 183,913        | 194,025    | 9,599         | 3,784        | 13,383      | 350,424        |   |   |    |    |    |    |
| 316 |  |     |                               |                          |               |                |            |               |              |             |                |   |   |    |    |    |    |
| 317 | 2024   | Jan | 18,101                        | 148,539                  | 10,184        | 166,640        | 176,824    | 9,599         | 3,784        | 13,383      | 334,144        |   |   |    |    |    |    |
| 318 |  | Feb | 16,379                        | 138,206                  | 8,814         | 154,586        | 163,399    | 8,670         | 3,418        | 12,088      | 305,379        |   |   |    |    |    |    |
| 319 |  | Mar | 17,769                        | 146,423                  | 9,449         | 164,192        | 173,641    | 9,599         | 3,784        | 13,383      | 325,631        |   |   |    |    |    |    |
| 320 |  | Apr | 17,272                        | 141,240                  | 9,399         | 158,512        | 167,911    | 9,289         | 3,662        | 12,952      | 314,897        |   |   |    |    |    |    |
| 321 |  | May | 18,770                        | 154,331                  | 10,068        | 173,101        | 183,169    | 9,599         | 3,784        | 13,383      | 330,443        |   |   |    |    |    |    |
| 322 |  | Jun | 18,130                        | 162,497                  | 10,157        | 180,626        | 190,783    | 9,289         | 3,662        | 12,952      | 335,473        |   |   |    |    |    |    |
| 323 |  | Jul | 19,749                        | 189,919                  | 10,975        | 209,668        | 220,643    | 9,599         | 3,784        | 13,383      | 370,077        |   |   |    |    |    |    |
| 324 |  | Aug | 19,949                        | 196,909                  | 11,282        | 216,858        | 228,140    | 9,599         | 3,784        | 13,383      | 383,151        |   |   |    |    |    |    |
| 325 |  | Sep | 18,922                        | 180,442                  | 10,465        | 199,364        | 209,829    | 9,289         | 3,662        | 12,952      | 363,097        |   |   |    |    |    |    |
| 326 |  | Oct | 18,132                        | 160,066                  | 10,053        | 178,197        | 188,250    | 9,599         | 3,784        | 13,383      | 343,696        |   |   |    |    |    |    |
| 327 |  | Nov | 17,897                        | 143,350                  | 9,910         | 161,247        | 171,158    | 9,289         | 3,662        | 12,952      | 319,910        |   |   |    |    |    |    |
| 328 |  | Dec | 18,265                        | 152,035                  | 10,117        | 170,300        | 180,417    | 9,599         | 3,784        | 13,383      | 337,016        |   |   |    |    |    |    |



|     | A  | B   | C                        | D       | E             | S             | T              | U     | V          | W      | X           | Y            | Z           | AA             | AB | AC | AD |
|-----|--|-----|--------------------------|---------|---------------|---------------|----------------|-------|------------|--------|-------------|--------------|-------------|----------------|----|----|----|
| 1   | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |     |                          |         |               |               |                |       |            |        |             |              |             |                |    |    |    |
| 275 | <b>MONTHLY FORECAST DATA</b>   |     |                          |         |               |               |                |       |            |        |             |              |             |                |    |    |    |
| 276 | Noncore - Electric Generation  |     |                          |         |               | Noncore - EOR |                |       | Total      |        |             |              |             |                |    |    |    |
| 277 | EG-Dist.<br>(>=3MMThms)  |     | EG-Trans.<br>(>=3MMThms) |         | EG (<3MMThms) |               | EG (>=3MMThms) |       | EG (Total) |        | EOR (Dist.) | EOR (Trans.) | EOR (Total) | Retail Noncore |    |    |    |
| 277 | <b>Cold Year Throughput (Mth)</b>  |     |                          |         |               |               |                |       |            |        |             |              |             |                |    |    |    |
| 329 |  |     |                          |         |               |               |                |       |            |        |             |              |             |                |    |    |    |
| 330 | 2025   | Jan | 18,179                   | 140,365 | 10,183        | 158,544       | 168,727        | 9,599 | 3,784      | 13,383 | 326,222     |              |             |                |    |    |    |
| 331 |  | Feb | 16,174                   | 126,452 | 8,816         | 142,627       | 151,443        | 8,670 | 3,418      | 12,088 | 290,810     |              |             |                |    |    |    |
| 332 |  | Mar | 17,879                   | 138,440 | 9,521         | 156,319       | 165,839        | 9,599 | 3,784      | 13,383 | 317,895     |              |             |                |    |    |    |
| 333 |  | Apr | 17,366                   | 133,534 | 9,487         | 150,901       | 160,388        | 9,289 | 3,662      | 12,952 | 307,289     |              |             |                |    |    |    |
| 334 |  | May | 18,874                   | 146,500 | 10,148        | 165,374       | 175,523        | 9,599 | 3,784      | 13,383 | 322,755     |              |             |                |    |    |    |
| 335 |  | Jun | 18,227                   | 152,960 | 10,195        | 171,187       | 181,382        | 9,289 | 3,662      | 12,952 | 326,016     |              |             |                |    |    |    |
| 336 |  | Jul | 19,797                   | 176,015 | 11,001        | 195,812       | 206,813        | 9,599 | 3,784      | 13,383 | 356,475     |              |             |                |    |    |    |
| 337 |  | Aug | 20,065                   | 182,690 | 11,396        | 202,754       | 214,150        | 9,599 | 3,784      | 13,383 | 369,311     |              |             |                |    |    |    |
| 338 |  | Sep | 19,033                   | 171,141 | 10,534        | 190,175       | 200,708        | 9,289 | 3,662      | 12,952 | 354,036     |              |             |                |    |    |    |
| 339 |  | Oct | 18,219                   | 151,214 | 10,162        | 169,432       | 179,594        | 9,599 | 3,784      | 13,383 | 334,669     |              |             |                |    |    |    |
| 340 |  | Nov | 18,066                   | 136,169 | 10,094        | 154,234       | 164,328        | 9,289 | 3,662      | 12,952 | 312,831     |              |             |                |    |    |    |
| 341 |  | Dec | 18,353                   | 145,011 | 10,168        | 163,364       | 173,532        | 9,599 | 3,784      | 13,383 | 330,073     |              |             |                |    |    |    |
| 342 |  |     |                          |         |               |               |                |       |            |        |             |              |             |                |    |    |    |
| 343 | 2026   | Jan | 18,209                   | 138,129 | 10,233        | 156,339       | 166,571        | 9,311 | 3,671      | 12,982 | 323,534     |              |             |                |    |    |    |
| 344 |  | Feb | 16,157                   | 122,034 | 8,893         | 138,191       | 147,084        | 8,410 | 3,316      | 11,725 | 285,928     |              |             |                |    |    |    |
| 345 |  | Mar | 17,901                   | 135,928 | 9,662         | 153,829       | 163,490        | 9,311 | 3,671      | 12,982 | 314,799     |              |             |                |    |    |    |
| 346 |  | Apr | 17,395                   | 128,557 | 9,501         | 145,953       | 155,454        | 9,011 | 3,552      | 12,563 | 301,665     |              |             |                |    |    |    |
| 347 |  | May | 18,901                   | 139,408 | 10,189        | 158,309       | 168,498        | 9,311 | 3,671      | 12,982 | 314,948     |              |             |                |    |    |    |
| 348 |  | Jun | 18,258                   | 148,320 | 10,205        | 166,578       | 176,783        | 9,011 | 3,552      | 12,563 | 320,647     |              |             |                |    |    |    |
| 349 |  | Jul | 19,871                   | 171,526 | 11,063        | 191,397       | 202,460        | 9,311 | 3,671      | 12,982 | 351,534     |              |             |                |    |    |    |
| 350 |  | Aug | 20,150                   | 178,720 | 11,439        | 198,870       | 210,309        | 9,311 | 3,671      | 12,982 | 364,883     |              |             |                |    |    |    |
| 351 |  | Sep | 19,196                   | 169,250 | 10,595        | 188,446       | 199,040        | 9,011 | 3,552      | 12,563 | 351,809     |              |             |                |    |    |    |
| 352 |  | Oct | 18,252                   | 147,649 | 10,185        | 165,901       | 176,085        | 9,311 | 3,671      | 12,982 | 330,674     |              |             |                |    |    |    |
| 353 |  | Nov | 18,126                   | 134,171 | 10,065        | 152,297       | 162,363        | 9,011 | 3,552      | 12,563 | 310,244     |              |             |                |    |    |    |
| 354 |  | Dec | 18,374                   | 140,636 | 10,359        | 159,010       | 169,369        | 9,311 | 3,671      | 12,982 | 325,443     |              |             |                |    |    |    |
| 355 |  |     |                          |         |               |               |                |       |            |        |             |              |             |                |    |    |    |
| 356 | 2027   | Jan | 18,212                   | 130,452 | 10,322        | 148,664       | 158,986        | 9,032 | 3,561      | 12,592 | 315,601     |              |             |                |    |    |    |
| 357 |  | Feb | 16,260                   | 117,673 | 8,893         | 133,932       | 142,825        | 8,158 | 3,216      | 11,374 | 281,325     |              |             |                |    |    |    |
| 358 |  | Mar | 17,922                   | 128,105 | 9,660         | 146,027       | 155,688        | 9,032 | 3,561      | 12,592 | 306,570     |              |             |                |    |    |    |
| 359 |  | Apr | 17,416                   | 122,021 | 9,651         | 139,437       | 149,088        | 8,740 | 3,446      | 12,186 | 294,930     |              |             |                |    |    |    |
| 360 |  | May | 18,992                   | 132,440 | 10,324        | 151,432       | 161,755        | 9,032 | 3,561      | 12,592 | 307,801     |              |             |                |    |    |    |
| 361 |  | Jun | 18,288                   | 139,883 | 10,348        | 158,171       | 168,519        | 8,740 | 3,446      | 12,186 | 312,006     |              |             |                |    |    |    |
| 362 |  | Jul | 20,071                   | 166,361 | 11,098        | 186,431       | 197,529        | 9,032 | 3,561      | 12,592 | 346,244     |              |             |                |    |    |    |
| 363 |  | Aug | 20,379                   | 184,949 | 11,484        | 205,328       | 216,811        | 9,032 | 3,561      | 12,592 | 371,034     |              |             |                |    |    |    |
| 364 |  | Sep | 19,673                   | 173,596 | 10,552        | 193,269       | 203,821        | 8,740 | 3,446      | 12,186 | 356,252     |              |             |                |    |    |    |
| 365 |  | Oct | 18,274                   | 143,932 | 10,214        | 162,206       | 172,421        | 9,032 | 3,561      | 12,592 | 326,666     |              |             |                |    |    |    |
| 366 |  | Nov | 18,208                   | 128,576 | 10,144        | 146,783       | 156,927        | 8,740 | 3,446      | 12,186 | 304,488     |              |             |                |    |    |    |
| 367 |  | Dec | 18,399                   | 137,893 | 10,234        | 156,292       | 166,526        | 9,032 | 3,561      | 12,592 | 322,262     |              |             |                |    |    |    |
| 368 |  |     |                          |         |               |               |                |       |            |        |             |              |             |                |    |    |    |
| 369 | 2028   | Jan | 18,150                   | 123,844 | 10,324        | 141,995       | 152,319        | 8,761 | 3,454      | 12,215 | 308,591     |              |             |                |    |    |    |
| 370 |  | Feb | 16,126                   | 117,017 | 8,966         | 133,144       | 142,110        | 7,913 | 3,120      | 11,032 | 282,880     |              |             |                |    |    |    |
| 371 |  | Mar | 17,963                   | 123,158 | 9,750         | 141,121       | 150,871        | 8,761 | 3,454      | 12,215 | 301,354     |              |             |                |    |    |    |
| 372 |  | Apr | 17,492                   | 119,017 | 9,626         | 136,509       | 146,135        | 8,478 | 3,342      | 11,820 | 291,535     |              |             |                |    |    |    |
| 373 |  | May | 18,967                   | 129,045 | 10,430        | 148,011       | 158,441        | 8,761 | 3,454      | 12,215 | 304,042     |              |             |                |    |    |    |
| 374 |  | Jun | 18,222                   | 133,719 | 10,452        | 151,941       | 162,393        | 8,478 | 3,342      | 11,820 | 305,456     |              |             |                |    |    |    |
| 375 |  | Jul | 19,738                   | 154,614 | 11,265        | 174,352       | 185,617        | 8,761 | 3,454      | 12,215 | 333,867     |              |             |                |    |    |    |
| 376 |  | Aug | 20,096                   | 164,301 | 11,596        | 184,397       | 195,992        | 8,761 | 3,454      | 12,215 | 349,743     |              |             |                |    |    |    |
| 377 |  | Sep | 19,183                   | 152,678 | 10,814        | 171,861       | 182,675        | 8,478 | 3,342      | 11,820 | 334,640     |              |             |                |    |    |    |
| 378 |  | Oct | 18,120                   | 135,629 | 10,398        | 153,750       | 164,148        | 8,761 | 3,454      | 12,215 | 317,948     |              |             |                |    |    |    |
| 379 |  | Nov | 18,051                   | 121,487 | 10,295        | 139,537       | 149,832        | 8,478 | 3,342      | 11,820 | 296,959     |              |             |                |    |    |    |
| 380 |  | Dec | 18,191                   | 129,849 | 10,409        | 148,040       | 158,449        | 8,761 | 3,454      | 12,215 | 313,788     |              |             |                |    |    |    |

|     | A  | B   | C | D | E | AE                | AF      | AG            | AH     | AI        | AJ               | AK     | AL    | AM      | AN |
|-----|--|-----|---|---|---|-------------------|---------|---------------|--------|-----------|------------------|--------|-------|---------|----|
|     | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |     |   |   |   |                   |         |               |        |           |                  |        |       |         |    |
| 1   |  |     |   |   |   |                   |         |               |        |           |                  |        |       |         |    |
| 275 | <b>MONTHLY FORECAST DATA</b>   |     |   |   |   | Wholesale Noncore |         |               |        | Total     | International NC |        | Total |         |    |
| 276 |  |     |   |   |   | Long Beach        | SDG&E   | Southwest Gas | Vernon | Wholesale |                  | Ecogas |       | Noncore |    |
| 277 | <b>Cold Year Throughput (Mth)</b>  |     |   |   |   |                   |         |               |        |           |                  |        |       |         |    |
| 278 | 2021   | Jan |   |   |   | 9,193             | 104,071 | 11,576        | 7,538  | 132,378   |                  | 9,551  |       | 459,705 |    |
| 279 |  | Feb |   |   |   | 9,697             | 85,204  | 10,477        | 5,954  | 111,333   |                  | 8,077  |       | 365,598 |    |
| 280 |  | Mar |   |   |   | 7,632             | 89,936  | 9,855         | 5,865  | 113,288   |                  | 10,078 |       | 450,811 |    |
| 281 |  | Apr |   |   |   | 7,497             | 78,258  | 6,499         | 7,202  | 99,456    |                  | 9,229  |       | 434,418 |    |
| 282 |  | May |   |   |   | 7,311             | 76,541  | 4,107         | 7,761  | 95,720    |                  | 9,502  |       | 424,729 |    |
| 283 |  | Jun |   |   |   | 6,150             | 73,052  | 3,712         | 7,787  | 90,701    |                  | 12,265 |       | 477,778 |    |
| 284 |  | Jul |   |   |   | 6,066             | 86,212  | 2,789         | 8,161  | 103,227   |                  | 12,238 |       | 580,811 |    |
| 285 |  | Aug |   |   |   | 5,535             | 73,882  | 2,882         | 7,903  | 90,201    |                  | 12,752 |       | 544,686 |    |
| 286 |  | Sep |   |   |   | 5,753             | 70,155  | 2,910         | 7,522  | 86,339    |                  | 12,092 |       | 475,641 |    |
| 287 |  | Oct |   |   |   | 6,187             | 81,885  | 3,601         | 8,154  | 99,827    |                  | 9,608  |       | 468,771 |    |
| 288 |  | Nov |   |   |   | 8,139             | 96,337  | 4,888         | 7,262  | 116,626   |                  | 9,355  |       | 465,715 |    |
| 289 |  | Dec |   |   |   | 11,569            | 117,052 | 7,840         | 7,114  | 143,574   |                  | 9,574  |       | 488,371 |    |
| 290 |  |     |   |   |   |                   |         |               |        |           |                  |        |       |         |    |
| 291 | 2022   | Jan |   |   |   | 10,228            | 108,038 | 12,700        | 8,040  | 139,006   |                  | 9,730  |       | 496,114 |    |
| 292 |  | Feb |   |   |   | 10,732            | 97,389  | 10,121        | 6,665  | 124,907   |                  | 8,652  |       | 444,680 |    |
| 293 |  | Mar |   |   |   | 8,276             | 92,847  | 8,527         | 7,149  | 116,799   |                  | 10,799 |       | 468,847 |    |
| 294 |  | Apr |   |   |   | 7,980             | 82,832  | 5,838         | 7,691  | 104,341   |                  | 10,577 |       | 443,711 |    |
| 295 |  | May |   |   |   | 7,580             | 72,611  | 4,423         | 7,702  | 92,317    |                  | 10,872 |       | 454,253 |    |
| 296 |  | Jun |   |   |   | 6,295             | 66,703  | 3,075         | 8,047  | 84,119    |                  | 12,967 |       | 455,490 |    |
| 297 |  | Jul |   |   |   | 6,190             | 70,119  | 2,579         | 8,578  | 87,466    |                  | 13,272 |       | 490,707 |    |
| 298 |  | Aug |   |   |   | 5,647             | 72,177  | 2,802         | 8,726  | 89,351    |                  | 13,414 |       | 513,789 |    |
| 299 |  | Sep |   |   |   | 5,876             | 70,848  | 2,946         | 8,165  | 87,835    |                  | 12,786 |       | 491,946 |    |
| 300 |  | Oct |   |   |   | 6,380             | 72,276  | 4,490         | 8,574  | 91,720    |                  | 10,995 |       | 461,756 |    |
| 301 |  | Nov |   |   |   | 8,771             | 84,744  | 7,968         | 7,506  | 108,988   |                  | 10,727 |       | 454,162 |    |
| 302 |  | Dec |   |   |   | 12,923            | 111,317 | 12,294        | 8,101  | 144,635   |                  | 10,965 |       | 505,987 |    |
| 303 |  |     |   |   |   |                   |         |               |        |           |                  |        |       |         |    |
| 304 | 2023   | Jan |   |   |   | 10,275            | 104,715 | 12,824        | 7,940  | 135,755   |                  | 10,444 |       | 497,470 |    |
| 305 |  | Feb |   |   |   | 10,809            | 94,293  | 10,219        | 6,920  | 122,241   |                  | 9,370  |       | 440,574 |    |
| 306 |  | Mar |   |   |   | 8,323             | 89,549  | 8,609         | 6,809  | 113,290   |                  | 11,517 |       | 467,316 |    |
| 307 |  | Apr |   |   |   | 8,018             | 79,265  | 5,894         | 7,518  | 100,696   |                  | 10,611 |       | 440,479 |    |
| 308 |  | May |   |   |   | 7,618             | 69,635  | 4,466         | 7,828  | 89,547    |                  | 10,906 |       | 452,190 |    |
| 309 |  | Jun |   |   |   | 6,323             | 63,513  | 3,104         | 8,254  | 81,193    |                  | 13,001 |       | 453,157 |    |
| 310 |  | Jul |   |   |   | 6,228             | 66,179  | 2,603         | 8,484  | 83,495    |                  | 13,306 |       | 485,979 |    |
| 311 |  | Aug |   |   |   | 5,676             | 67,360  | 2,828         | 8,738  | 84,602    |                  | 13,449 |       | 502,270 |    |
| 312 |  | Sep |   |   |   | 5,895             | 66,741  | 2,974         | 7,997  | 83,606    |                  | 12,820 |       | 483,741 |    |
| 313 |  | Oct |   |   |   | 6,419             | 68,783  | 4,533         | 8,691  | 88,425    |                  | 11,029 |       | 455,162 |    |
| 314 |  | Nov |   |   |   | 8,809             | 81,643  | 8,045         | 8,174  | 106,671   |                  | 10,761 |       | 451,085 |    |
| 315 |  | Dec |   |   |   | 12,970            | 107,034 | 12,416        | 7,911  | 140,331   |                  | 11,000 |       | 501,756 |    |
| 316 |  |     |   |   |   |                   |         |               |        |           |                  |        |       |         |    |
| 317 | 2024   | Jan |   |   |   | 10,313            | 99,561  | 12,951        | 7,940  | 130,765   |                  | 10,480 |       | 475,390 |    |
| 318 |  | Feb |   |   |   | 10,856            | 91,227  | 10,446        | 7,249  | 119,779   |                  | 9,407  |       | 434,565 |    |
| 319 |  | Mar |   |   |   | 8,361             | 84,598  | 8,693         | 7,399  | 109,051   |                  | 11,555 |       | 446,237 |    |
| 320 |  | Apr |   |   |   | 8,066             | 74,702  | 5,951         | 7,090  | 95,809    |                  | 10,650 |       | 421,356 |    |
| 321 |  | May |   |   |   | 7,657             | 65,112  | 4,509         | 7,686  | 84,963    |                  | 10,945 |       | 426,351 |    |
| 322 |  | Jun |   |   |   | 6,361             | 59,330  | 3,134         | 8,206  | 77,031    |                  | 13,041 |       | 425,544 |    |
| 323 |  | Jul |   |   |   | 6,257             | 62,438  | 2,628         | 9,129  | 80,452    |                  | 13,346 |       | 463,875 |    |
| 324 |  | Aug |   |   |   | 5,704             | 62,584  | 2,855         | 8,537  | 79,681    |                  | 13,489 |       | 476,321 |    |
| 325 |  | Sep |   |   |   | 5,923             | 61,873  | 3,002         | 8,173  | 78,971    |                  | 12,861 |       | 454,930 |    |
| 326 |  | Oct |   |   |   | 6,438             | 64,797  | 4,576         | 9,006  | 84,817    |                  | 11,070 |       | 439,583 |    |
| 327 |  | Nov |   |   |   | 8,847             | 77,439  | 8,123         | 7,747  | 102,156   |                  | 10,803 |       | 432,869 |    |
| 328 |  | Dec |   |   |   | 13,028            | 102,476 | 12,538        | 8,235  | 136,277   |                  | 11,042 |       | 484,335 |    |

|     | A  | B   | C      | D             | E                 | AE    | AF             | AG     | AH        | AI | AJ               | AK | AL             | AM | AN |
|-----|--|-----|--------|---------------|-------------------|-------|----------------|--------|-----------|----|------------------|----|----------------|----|----|
|     | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |     |        |               |                   |       |                |        |           |    |                  |    |                |    |    |
| 1   |  |     |        |               |                   |       |                |        |           |    |                  |    |                |    |    |
| 275 | <b><u>MONTHLY FORECAST DATA</u></b>  |     |        |               |                   |       |                |        |           |    |                  |    |                |    |    |
| 276 |  |     |        |               | Wholesale Noncore |       |                |        | Total     |    | International NC |    | Total          |    |    |
| 277 |  |     |        |               | Long Beach        | SDG&E | Southwest Gas  | Vernon | Wholesale |    | Ecogas           |    | Noncore        |    |    |
| 278 | <b>Cold Year Throughput (Mth)</b>  |     |        |               |                   |       |                |        |           |    |                  |    |                |    |    |
| 329 |  |     |        |               |                   |       |                |        |           |    |                  |    |                |    |    |
| 330 | 2025   | Jan | 10,361 | <b>97,628</b> | <b>13,078</b>     | 8,295 | <b>129,362</b> | 10,522 |           |    |                  |    | <b>466,106</b> |    |    |
| 331 |  | Feb | 10,904 | <b>87,048</b> | <b>10,420</b>     | 7,077 | <b>115,449</b> | 9,449  |           |    |                  |    | <b>415,709</b> |    |    |
| 332 |  | Mar | 8,399  | <b>81,633</b> | <b>8,777</b>      | 7,319 | <b>106,129</b> | 11,597 |           |    |                  |    | <b>435,622</b> |    |    |
| 333 |  | Apr | 8,104  | <b>71,438</b> | <b>6,008</b>      | 7,519 | <b>93,069</b>  | 10,692 |           |    |                  |    | <b>411,050</b> |    |    |
| 334 |  | May | 7,704  | <b>62,518</b> | <b>4,552</b>      | 7,672 | <b>82,446</b>  | 10,988 |           |    |                  |    | <b>416,189</b> |    |    |
| 335 |  | Jun | 6,409  | <b>58,473</b> | <b>3,163</b>      | 8,399 | <b>76,444</b>  | 13,084 |           |    |                  |    | <b>415,544</b> |    |    |
| 336 |  | Jul | 6,285  | <b>60,331</b> | <b>2,653</b>      | 8,774 | <b>78,043</b>  | 13,389 |           |    |                  |    | <b>447,907</b> |    |    |
| 337 |  | Aug | 5,742  | <b>59,801</b> | <b>2,882</b>      | 8,744 | <b>77,169</b>  | 13,532 |           |    |                  |    | <b>460,012</b> |    |    |
| 338 |  | Sep | 5,961  | <b>58,070</b> | <b>3,030</b>      | 8,693 | <b>75,755</b>  | 12,904 |           |    |                  |    | <b>442,696</b> |    |    |
| 339 |  | Oct | 6,476  | <b>61,695</b> | <b>4,620</b>      | 8,682 | <b>81,472</b>  | 11,114 |           |    |                  |    | <b>427,255</b> |    |    |
| 340 |  | Nov | 8,885  | <b>74,741</b> | <b>8,201</b>      | 7,923 | <b>99,750</b>  | 10,846 |           |    |                  |    | <b>423,428</b> |    |    |
| 341 |  | Dec | 13,085 | <b>99,931</b> | <b>12,660</b>     | 8,159 | <b>133,834</b> | 11,086 |           |    |                  |    | <b>474,993</b> |    |    |
| 342 |  |     |        |               |                   |       |                |        |           |    |                  |    |                |    |    |
| 343 | 2026   | Jan | 10,409 | <b>95,611</b> | <b>13,205</b>     | 8,709 | <b>127,933</b> | 10,567 |           |    |                  |    | <b>462,034</b> |    |    |
| 344 |  | Feb | 10,932 | <b>86,461</b> | <b>10,520</b>     | 7,052 | <b>114,967</b> | 9,495  |           |    |                  |    | <b>410,389</b> |    |    |
| 345 |  | Mar | 8,447  | <b>81,590</b> | <b>8,861</b>      | 7,332 | <b>106,230</b> | 11,644 |           |    |                  |    | <b>432,673</b> |    |    |
| 346 |  | Apr | 8,142  | <b>71,416</b> | <b>6,065</b>      | 7,576 | <b>93,199</b>  | 10,739 |           |    |                  |    | <b>405,604</b> |    |    |
| 347 |  | May | 7,742  | <b>61,172</b> | <b>4,596</b>      | 7,931 | <b>81,441</b>  | 11,035 |           |    |                  |    | <b>407,424</b> |    |    |
| 348 |  | Jun | 6,438  | <b>57,035</b> | <b>3,193</b>      | 8,468 | <b>75,134</b>  | 13,131 |           |    |                  |    | <b>408,912</b> |    |    |
| 349 |  | Jul | 6,323  | <b>59,741</b> | <b>2,677</b>      | 9,113 | <b>77,855</b>  | 13,437 |           |    |                  |    | <b>442,826</b> |    |    |
| 350 |  | Aug | 5,771  | <b>61,680</b> | <b>2,909</b>      | 8,525 | <b>78,885</b>  | 13,580 |           |    |                  |    | <b>457,347</b> |    |    |
| 351 |  | Sep | 5,990  | <b>59,591</b> | <b>3,059</b>      | 8,548 | <b>77,188</b>  | 12,952 |           |    |                  |    | <b>441,950</b> |    |    |
| 352 |  | Oct | 6,504  | <b>61,703</b> | <b>4,663</b>      | 8,719 | <b>81,590</b>  | 11,162 |           |    |                  |    | <b>423,425</b> |    |    |
| 353 |  | Nov | 8,923  | <b>73,466</b> | <b>8,279</b>      | 8,066 | <b>98,734</b>  | 10,895 |           |    |                  |    | <b>419,873</b> |    |    |
| 354 |  | Dec | 13,142 | <b>97,955</b> | <b>12,782</b>     | 8,052 | <b>131,931</b> | 11,136 |           |    |                  |    | <b>468,510</b> |    |    |
| 355 |  |     |        |               |                   |       |                |        |           |    |                  |    |                |    |    |
| 356 | 2027   | Jan | 10,447 | <b>94,884</b> | <b>13,332</b>     | 8,068 | <b>126,731</b> | 10,608 |           |    |                  |    | <b>452,940</b> |    |    |
| 357 |  | Feb | 10,999 | <b>84,595</b> | <b>10,621</b>     | 7,289 | <b>113,505</b> | 9,537  |           |    |                  |    | <b>404,367</b> |    |    |
| 358 |  | Mar | 8,485  | <b>80,881</b> | <b>8,945</b>      | 7,426 | <b>105,737</b> | 11,686 |           |    |                  |    | <b>423,993</b> |    |    |
| 359 |  | Apr | 8,199  | <b>69,109</b> | <b>6,122</b>      | 7,777 | <b>91,207</b>  | 10,782 |           |    |                  |    | <b>396,919</b> |    |    |
| 360 |  | May | 7,780  | <b>60,578</b> | <b>4,639</b>      | 7,931 | <b>80,928</b>  | 11,079 |           |    |                  |    | <b>399,808</b> |    |    |
| 361 |  | Jun | 6,476  | <b>57,842</b> | <b>3,223</b>      | 8,581 | <b>76,122</b>  | 13,175 |           |    |                  |    | <b>401,302</b> |    |    |
| 362 |  | Jul | 6,352  | <b>60,156</b> | <b>2,702</b>      | 8,934 | <b>78,144</b>  | 13,480 |           |    |                  |    | <b>437,869</b> |    |    |
| 363 |  | Aug | 5,800  | <b>58,313</b> | <b>2,936</b>      | 8,995 | <b>76,043</b>  | 13,624 |           |    |                  |    | <b>460,701</b> |    |    |
| 364 |  | Sep | 6,028  | <b>60,366</b> | <b>3,087</b>      | 8,569 | <b>78,050</b>  | 12,996 |           |    |                  |    | <b>447,299</b> |    |    |
| 365 |  | Oct | 6,542  | <b>61,912</b> | <b>4,706</b>      | 8,694 | <b>81,854</b>  | 11,207 |           |    |                  |    | <b>419,727</b> |    |    |
| 366 |  | Nov | 8,961  | <b>73,187</b> | <b>8,357</b>      | 8,521 | <b>99,027</b>  | 10,940 |           |    |                  |    | <b>414,454</b> |    |    |
| 367 |  | Dec | 13,208 | <b>97,156</b> | <b>12,904</b>     | 8,680 | <b>131,948</b> | 11,182 |           |    |                  |    | <b>465,392</b> |    |    |
| 368 |  |     |        |               |                   |       |                |        |           |    |                  |    |                |    |    |
| 369 | 2028   | Jan | 10,494 | <b>93,103</b> | <b>13,459</b>     | 8,414 | <b>125,471</b> | 10,650 |           |    |                  |    | <b>444,711</b> |    |    |
| 370 |  | Feb | 11,047 | <b>83,631</b> | <b>10,853</b>     | 7,392 | <b>112,923</b> | 9,579  |           |    |                  |    | <b>405,383</b> |    |    |
| 371 |  | Mar | 8,533  | <b>77,867</b> | <b>9,029</b>      | 7,576 | <b>103,005</b> | 11,729 |           |    |                  |    | <b>416,087</b> |    |    |
| 372 |  | Apr | 8,228  | <b>69,041</b> | <b>6,179</b>      | 7,663 | <b>91,111</b>  | 10,825 |           |    |                  |    | <b>393,471</b> |    |    |
| 373 |  | May | 7,828  | <b>59,590</b> | <b>4,683</b>      | 7,849 | <b>79,950</b>  | 11,122 |           |    |                  |    | <b>395,114</b> |    |    |
| 374 |  | Jun | 6,514  | <b>55,907</b> | <b>3,253</b>      | 8,111 | <b>73,785</b>  | 13,218 |           |    |                  |    | <b>392,459</b> |    |    |
| 375 |  | Jul | 6,390  | <b>57,372</b> | <b>2,727</b>      | 8,995 | <b>75,485</b>  | 13,524 |           |    |                  |    | <b>422,876</b> |    |    |
| 376 |  | Aug | 5,828  | <b>59,015</b> | <b>2,962</b>      | 8,568 | <b>76,374</b>  | 13,668 |           |    |                  |    | <b>439,784</b> |    |    |
| 377 |  | Sep | 6,047  | <b>57,371</b> | <b>3,115</b>      | 8,442 | <b>74,975</b>  | 13,041 |           |    |                  |    | <b>422,656</b> |    |    |
| 378 |  | Oct | 6,571  | <b>60,012</b> | <b>4,750</b>      | 9,184 | <b>80,517</b>  | 11,251 |           |    |                  |    | <b>409,716</b> |    |    |
| 379 |  | Nov | 9,009  | <b>71,805</b> | <b>8,435</b>      | 8,307 | <b>97,556</b>  | 10,985 |           |    |                  |    | <b>405,501</b> |    |    |
| 380 |  | Dec | 13,266 | <b>95,450</b> | <b>13,026</b>     | 8,277 | <b>130,019</b> | 11,228 |           |    |                  |    | <b>455,035</b> |    |    |

|     | A  | B   | C | D | E | AO                              | AP | AQ                           | AR | AS    | AT                        | AU                            |
|-----|--|-----|---|---|---|---------------------------------|----|------------------------------|----|-------|---------------------------|-------------------------------|
|     | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |     |   |   |   |                                 |    |                              |    |       |                           |                               |
| 1   |  |     |   |   |   |                                 |    |                              |    |       |                           |                               |
| 275 | <b>MONTHLY FORECAST DATA</b>   |     |   |   |   |                                 |    |                              |    |       |                           |                               |
| 276 |  |     |   |   |   | Total<br>System End-<br>Use Dmd |    | System Total<br><br>(Mdth/d) |    |       | "Un-Acnt'd-<br>For" (UAF) | Total<br>System<br>Throughput |
| 277 | <b>Cold Year Throughput (Mth)</b>  |     |   |   |   |                                 |    |                              |    |       |                           |                               |
| 278 | 2021   | Jan |   |   |   | 943,411                         |    | 3,043                        |    | 2,626 | 7,504                     | 953,541                       |
| 279 |  | Feb |   |   |   | 795,055                         |    | 2,839                        |    | 2,213 | 6,324                     | 803,592                       |
| 280 |  | Mar |   |   |   | 829,752                         |    | 2,677                        |    | 2,310 | 6,600                     | 838,662                       |
| 281 |  | Apr |   |   |   | 752,772                         |    | 2,509                        |    | 2,096 | 5,987                     | 760,855                       |
| 282 |  | May |   |   |   | 666,089                         |    | 2,149                        |    | 1,854 | 5,298                     | 673,241                       |
| 283 |  | Jun |   |   |   | 674,718                         |    | 2,249                        |    | 1,878 | 5,367                     | 681,963                       |
| 284 |  | Jul |   |   |   | 770,603                         |    | 2,486                        |    | 2,145 | 6,129                     | 778,878                       |
| 285 |  | Aug |   |   |   | 734,721                         |    | 2,370                        |    | 2,045 | 5,844                     | 742,610                       |
| 286 |  | Sep |   |   |   | 665,589                         |    | 2,219                        |    | 1,853 | 5,294                     | 672,736                       |
| 287 |  | Oct |   |   |   | 694,441                         |    | 2,240                        |    | 1,933 | 5,523                     | 701,897                       |
| 288 |  | Nov |   |   |   | 801,675                         |    | 2,672                        |    | 2,232 | 6,376                     | 810,283                       |
| 289 |  | Dec |   |   |   | 997,841                         |    | 3,219                        |    | 2,778 | 7,937                     | 1,008,556                     |
| 290 |  |     |   |   |   |                                 |    |                              |    |       |                           |                               |
| 291 | 2022   | Jan |   |   |   | 974,971                         |    | 3,145                        |    | 2,714 | 7,755                     | 985,439                       |
| 292 |  | Feb |   |   |   | 869,774                         |    | 3,106                        |    | 2,421 | 6,918                     | 879,114                       |
| 293 |  | Mar |   |   |   | 844,141                         |    | 2,723                        |    | 2,350 | 6,714                     | 853,205                       |
| 294 |  | Apr |   |   |   | 758,867                         |    | 2,530                        |    | 2,113 | 6,036                     | 767,016                       |
| 295 |  | May |   |   |   | 693,330                         |    | 2,237                        |    | 1,930 | 5,515                     | 700,774                       |
| 296 |  | Jun |   |   |   | 650,542                         |    | 2,168                        |    | 1,811 | 5,174                     | 657,528                       |
| 297 |  | Jul |   |   |   | 678,837                         |    | 2,190                        |    | 1,890 | 5,399                     | 686,126                       |
| 298 |  | Aug |   |   |   | 702,378                         |    | 2,266                        |    | 1,955 | 5,587                     | 709,919                       |
| 299 |  | Sep |   |   |   | 680,581                         |    | 2,269                        |    | 1,895 | 5,413                     | 687,889                       |
| 300 |  | Oct |   |   |   | 685,684                         |    | 2,212                        |    | 1,909 | 5,454                     | 693,047                       |
| 301 |  | Nov |   |   |   | 787,324                         |    | 2,624                        |    | 2,192 | 6,262                     | 795,778                       |
| 302 |  | Dec |   |   |   | 1,010,555                       |    | 3,260                        |    | 2,813 | 8,038                     | 1,021,406                     |
| 303 |  |     |   |   |   |                                 |    |                              |    |       |                           |                               |
| 304 | 2023   | Jan |   |   |   | 969,436                         |    | 3,127                        |    | 2,699 | 7,711                     | 979,846                       |
| 305 |  | Feb |   |   |   | 859,526                         |    | 3,070                        |    | 2,393 | 6,836                     | 868,756                       |
| 306 |  | Mar |   |   |   | 837,399                         |    | 2,701                        |    | 2,331 | 6,660                     | 846,391                       |
| 307 |  | Apr |   |   |   | 751,427                         |    | 2,505                        |    | 2,092 | 5,977                     | 759,496                       |
| 308 |  | May |   |   |   | 688,214                         |    | 2,220                        |    | 1,916 | 5,474                     | 695,604                       |
| 309 |  | Jun |   |   |   | 645,858                         |    | 2,153                        |    | 1,798 | 5,137                     | 652,793                       |
| 310 |  | Jul |   |   |   | 671,904                         |    | 2,167                        |    | 1,871 | 5,344                     | 679,119                       |
| 311 |  | Aug |   |   |   | 688,678                         |    | 2,222                        |    | 1,917 | 5,478                     | 696,072                       |
| 312 |  | Sep |   |   |   | 670,158                         |    | 2,234                        |    | 1,866 | 5,330                     | 677,354                       |
| 313 |  | Oct |   |   |   | 676,357                         |    | 2,182                        |    | 1,883 | 5,380                     | 683,619                       |
| 314 |  | Nov |   |   |   | 779,778                         |    | 2,599                        |    | 2,171 | 6,202                     | 788,151                       |
| 315 |  | Dec |   |   |   | 999,104                         |    | 3,223                        |    | 2,781 | 7,947                     | 1,009,832                     |
| 316 |  |     |   |   |   |                                 |    |                              |    |       |                           |                               |
| 317 | 2024   | Jan |   |   |   | 939,335                         |    | 3,030                        |    | 2,615 | 7,471                     | 949,421                       |
| 318 |  | Feb |   |   |   | 846,401                         |    | 2,919                        |    | 2,356 | 6,732                     | 855,489                       |
| 319 |  | Mar |   |   |   | 810,252                         |    | 2,614                        |    | 2,256 | 6,445                     | 818,953                       |
| 320 |  | Apr |   |   |   | 727,385                         |    | 2,425                        |    | 2,025 | 5,785                     | 735,196                       |
| 321 |  | May |   |   |   | 658,815                         |    | 2,125                        |    | 1,834 | 5,240                     | 665,890                       |
| 322 |  | Jun |   |   |   | 615,510                         |    | 2,052                        |    | 1,714 | 4,896                     | 622,119                       |
| 323 |  | Jul |   |   |   | 647,228                         |    | 2,088                        |    | 1,802 | 5,148                     | 654,178                       |
| 324 |  | Aug |   |   |   | 660,184                         |    | 2,130                        |    | 1,838 | 5,251                     | 667,273                       |
| 325 |  | Sep |   |   |   | 638,766                         |    | 2,129                        |    | 1,778 | 5,081                     | 645,625                       |
| 326 |  | Oct |   |   |   | 657,576                         |    | 2,121                        |    | 1,831 | 5,230                     | 664,637                       |
| 327 |  | Nov |   |   |   | 756,348                         |    | 2,521                        |    | 2,106 | 6,016                     | 764,470                       |
| 328 |  | Dec |   |   |   | 973,293                         |    | 3,140                        |    | 2,710 | 7,741                     | 983,744                       |

|     | A  | B   | C       | D     | E     | AO                                       | AP                                    | AQ                 | AR                                | AS                                     | AT | AU |
|-----|--|-----|---------|-------|-------|--|---------------------------------------|--------------------|-----------------------------------|--|----|----|
| 1   | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |     |         |       |       |  |                                       |                    |                                   |  |    |    |
| 275 | <b><u>MONTHLY FORECAST DATA</u></b>  |     |         |       |       | <b>Total<br/>System End-<br/>Use Dmd</b> | <b>System Total<br/><br/>(Mdth/d)</b> | <b>Co-Use-Fuel</b> | <b>"Un-Acnt'd-<br/>For" (UAF)</b> | <b>Total<br/>System<br/>Throughput</b> |    |    |
| 276 |  |     |         |       |       |  |                                       |                    |                                   |  |    |    |
| 277 | <b>Cold Year Throughput (Mth)</b>  |     |         |       |       |  |                                       |                    |                                   |  |    |    |
| 329 |  |     |         |       |       |  |                                       |                    |                                   |  |    |    |
| 330 | 2025   | Jan | 921,335 | 2,972 | 2,565 | 7,328                                    | 931,228                               |                    |                                   |  |    |    |
| 331 |  | Feb | 819,841 | 2,928 | 2,282 | 6,521                                    | 828,645                               |                    |                                   |  |    |    |
| 332 |  | Mar | 793,068 | 2,558 | 2,208 | 6,308                                    | 801,583                               |                    |                                   |  |    |    |
| 333 |  | Apr | 711,761 | 2,373 | 1,982 | 5,661                                    | 719,403                               |                    |                                   |  |    |    |
| 334 |  | May | 644,830 | 2,080 | 1,795 | 5,129                                    | 651,754                               |                    |                                   |  |    |    |
| 335 |  | Jun | 602,595 | 2,009 | 1,678 | 4,793                                    | 609,066                               |                    |                                   |  |    |    |
| 336 |  | Jul | 628,520 | 2,027 | 1,750 | 4,999                                    | 635,269                               |                    |                                   |  |    |    |
| 337 |  | Aug | 641,165 | 2,068 | 1,785 | 5,100                                    | 648,050                               |                    |                                   |  |    |    |
| 338 |  | Sep | 623,790 | 2,079 | 1,737 | 4,961                                    | 630,488                               |                    |                                   |  |    |    |
| 339 |  | Oct | 641,822 | 2,070 | 1,787 | 5,105                                    | 648,713                               |                    |                                   |  |    |    |
| 340 |  | Nov | 741,274 | 2,471 | 2,064 | 5,896                                    | 749,234                               |                    |                                   |  |    |    |
| 341 |  | Dec | 954,838 | 3,080 | 2,658 | 7,595                                    | 965,091                               |                    |                                   |  |    |    |
| 342 |  |     |         |       |       |  |                                       |                    |                                   |  |    |    |
| 343 | 2026   | Jan | 909,219 | 2,933 | 2,531 | 7,232                                    | 918,982                               |                    |                                   |  |    |    |
| 344 |  | Feb | 807,427 | 2,884 | 2,248 | 6,422                                    | 816,097                               |                    |                                   |  |    |    |
| 345 |  | Mar | 784,094 | 2,529 | 2,183 | 6,236                                    | 792,514                               |                    |                                   |  |    |    |
| 346 |  | Apr | 701,466 | 2,338 | 1,953 | 5,579                                    | 708,998                               |                    |                                   |  |    |    |
| 347 |  | May | 632,614 | 2,041 | 1,761 | 5,032                                    | 639,407                               |                    |                                   |  |    |    |
| 348 |  | Jun | 593,368 | 1,978 | 1,652 | 4,719                                    | 599,740                               |                    |                                   |  |    |    |
| 349 |  | Jul | 621,007 | 2,003 | 1,729 | 4,939                                    | 627,675                               |                    |                                   |  |    |    |
| 350 |  | Aug | 636,099 | 2,052 | 1,771 | 5,059                                    | 642,929                               |                    |                                   |  |    |    |
| 351 |  | Sep | 620,615 | 2,069 | 1,728 | 4,936                                    | 627,279                               |                    |                                   |  |    |    |
| 352 |  | Oct | 634,924 | 2,048 | 1,768 | 5,050                                    | 641,742                               |                    |                                   |  |    |    |
| 353 |  | Nov | 732,583 | 2,442 | 2,039 | 5,827                                    | 740,450                               |                    |                                   |  |    |    |
| 354 |  | Dec | 939,948 | 3,032 | 2,617 | 7,476                                    | 950,041                               |                    |                                   |  |    |    |
| 355 |  |     |         |       |       |  |                                       |                    |                                   |  |    |    |
| 356 | 2027   | Jan | 891,878 | 2,877 | 2,483 | 7,094                                    | 901,454                               |                    |                                   |  |    |    |
| 357 |  | Feb | 794,144 | 2,836 | 2,211 | 6,316                                    | 802,671                               |                    |                                   |  |    |    |
| 358 |  | Mar | 769,259 | 2,481 | 2,142 | 6,118                                    | 777,519                               |                    |                                   |  |    |    |
| 359 |  | Apr | 687,832 | 2,293 | 1,915 | 5,471                                    | 695,218                               |                    |                                   |  |    |    |
| 360 |  | May | 621,492 | 2,005 | 1,730 | 4,943                                    | 628,166                               |                    |                                   |  |    |    |
| 361 |  | Jun | 583,140 | 1,944 | 1,623 | 4,638                                    | 589,402                               |                    |                                   |  |    |    |
| 362 |  | Jul | 613,597 | 1,979 | 1,708 | 4,880                                    | 620,185                               |                    |                                   |  |    |    |
| 363 |  | Aug | 637,034 | 2,055 | 1,773 | 5,067                                    | 643,874                               |                    |                                   |  |    |    |
| 364 |  | Sep | 623,520 | 2,078 | 1,736 | 4,959                                    | 630,215                               |                    |                                   |  |    |    |
| 365 |  | Oct | 628,125 | 2,026 | 1,749 | 4,996                                    | 634,869                               |                    |                                   |  |    |    |
| 366 |  | Nov | 721,926 | 2,406 | 2,010 | 5,742                                    | 729,678                               |                    |                                   |  |    |    |
| 367 |  | Dec | 928,216 | 2,994 | 2,584 | 7,383                                    | 938,183                               |                    |                                   |  |    |    |
| 368 |  |     |         |       |       |  |                                       |                    |                                   |  |    |    |
| 369 | 2028   | Jan | 875,061 | 2,823 | 2,436 | 6,960                                    | 884,457                               |                    |                                   |  |    |    |
| 370 |  | Feb | 787,599 | 2,716 | 2,193 | 6,264                                    | 796,056                               |                    |                                   |  |    |    |
| 371 |  | Mar | 754,931 | 2,435 | 2,102 | 6,005                                    | 763,037                               |                    |                                   |  |    |    |
| 372 |  | Apr | 679,205 | 2,264 | 1,891 | 5,402                                    | 686,498                               |                    |                                   |  |    |    |
| 373 |  | May | 613,119 | 1,978 | 1,707 | 4,877                                    | 619,702                               |                    |                                   |  |    |    |
| 374 |  | Jun | 571,537 | 1,905 | 1,591 | 4,546                                    | 577,674                               |                    |                                   |  |    |    |
| 375 |  | Jul | 596,014 | 1,923 | 1,659 | 4,741                                    | 602,414                               |                    |                                   |  |    |    |
| 376 |  | Aug | 613,563 | 1,979 | 1,708 | 4,880                                    | 620,152                               |                    |                                   |  |    |    |
| 377 |  | Sep | 596,300 | 1,988 | 1,660 | 4,743                                    | 602,703                               |                    |                                   |  |    |    |
| 378 |  | Oct | 614,851 | 1,983 | 1,712 | 4,890                                    | 621,454                               |                    |                                   |  |    |    |
| 379 |  | Nov | 707,499 | 2,358 | 1,970 | 5,627                                    | 715,096                               |                    |                                   |  |    |    |
| 380 |  | Dec | 908,898 | 2,932 | 2,530 | 7,229                                    | 918,658                               |                    |                                   |  |    |    |

|     | A  | B                   | C     | D    | E    | F     | G             | H              | I             | J                   | K                      | L                       | M                       | N | O | P | Q | R | S |
|-----|--|---------------------|-------|------|------|-------|---------------|----------------|---------------|---------------------|------------------------|-------------------------|-------------------------|---|---|---|---|---|---|
|     | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |                     |       |      |      |       |               |                |               |                     |                        |                         |                         |   |   |   |   |   |   |
| 1   |  |                     |       |      |      |       |               |                |               |                     |                        |                         |                         |   |   |   |   |   |   |
| 383 |  |                     |       |      |      |       |               |                |               |                     |                        |                         |                         |   |   |   |   |   |   |
|     |  | Nonresidential Core |       |      |      |       | Total         | Noncore - G-30 |               |                     | Noncc                  |                         |                         |   |   |   |   |   |   |
| 384 | <b>Peak Day Throughput (Mth/Day)</b>   | Residential         | G-10  | G-AC | G-GE | G-NGV | <b>Core</b>   | G-30 (Dist.)   | G-30 (Trans.) | <b>G-30 (Total)</b> | EG-Dist.<br>(<3MMThms) | EG-Trans.<br>(<3MMThms) | EG-Dist.<br>(>=3MMThms) |   |   |   |   |   |   |
| 385 | 2021   | 23,717              | 5,669 | 0    | 28   | 435   | <b>29,849</b> | 3,163          | 2,810         | <b>5,973</b>        | 280                    | 40                      | 671                     |   |   |   |   |   |   |
| 386 | 2022   | 23,458              | 5,680 | 0    | 29   | 443   | <b>29,611</b> | 3,106          | 2,715         | <b>5,821</b>        | <b>319</b>             | <b>19</b>               | <b>618</b>              |   |   |   |   |   |   |
| 387 | 2023   | 23,159              | 5,542 | 0    | 29   | 452   | <b>29,182</b> | 3,113          | 2,715         | <b>5,828</b>        | <b>335</b>             | <b>29</b>               | <b>621</b>              |   |   |   |   |   |   |
| 388 | 2024   | 22,815              | 5,412 | 0    | 29   | 462   | <b>28,719</b> | 3,111          | 2,725         | <b>5,837</b>        | <b>320</b>             | <b>24</b>               | <b>623</b>              |   |   |   |   |   |   |
| 389 | 2025   | 22,441              | 5,291 | 0    | 29   | 473   | <b>28,234</b> | 3,103          | 2,732         | <b>5,835</b>        | <b>323</b>             | <b>25</b>               | <b>626</b>              |   |   |   |   |   |   |
| 390 | 2026   | 22,081              | 5,184 | 0    | 29   | 485   | <b>27,779</b> | 3,097          | 2,735         | <b>5,833</b>        | <b>325</b>             | <b>17</b>               | <b>627</b>              |   |   |   |   |   |   |
| 391 | 2027   | 21,711              | 5,081 | 0    | 29   | 498   | <b>27,319</b> | 3,095          | 2,740         | <b>5,835</b>        | <b>328</b>             | <b>25</b>               | <b>628</b>              |   |   |   |   |   |   |
| 392 | 2028   | 21,333              | 4,978 | 0    | 29   | 511   | <b>26,851</b> | 3,089          | 2,746         | <b>5,835</b>        | <b>323</b>             | <b>18</b>               | <b>630</b>              |   |   |   |   |   |   |

|     | A  | B                        | C             | D              | E          | T             | U            | V           | W              | X          | Y     | Z                 | AA | AB | AC | AD | AE | AF | AG |
|-----|--|--------------------------|---------------|----------------|------------|---------------|--------------|-------------|----------------|------------|-------|-------------------|----|----|----|----|----|----|----|
|     | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |                          |               |                |            |               |              |             |                |            |       |                   |    |    |    |    |    |    |    |
| 1   |  |                          |               |                |            |               |              |             |                |            |       |                   |    |    |    |    |    |    |    |
| 383 |  |                          |               |                |            |               |              |             |                |            |       |                   |    |    |    |    |    |    |    |
|     | re - Electric Generation   |                          |               |                |            | Noncore - EOR |              |             | Total          |            |       | Wholesale Noncore |    |    |    |    |    |    |    |
| 384 | <b>Peak Day Throughput (Mth/Day)</b>   | EG-Trans.<br>(>=3MMThms) | EG (<3MMThms) | EG (>=3MMThms) | EG (Total) | EOR (Dist.)   | EOR (Trans.) | EOR (Total) | Retail Noncore | Long Beach | SDG&E | Southwest Gas     |    |    |    |    |    |    |    |
| 385 | 2021   | 5,455                    | 319           | 6,127          | 6,446      | 258           | 98           | 356         | 12,775         | 652        | 6,763 | 547               |    |    |    |    |    |    |    |
| 386 | 2022   | 5,889                    | 338           | 6,507          | 6,846      | 310           | 122          | 432         | 13,099         | 652        | 5,651 | 566               |    |    |    |    |    |    |    |
| 387 | 2023   | 5,773                    | 364           | 6,394          | 6,758      | 310           | 122          | 432         | 13,018         | 654        | 5,510 | 572               |    |    |    |    |    |    |    |
| 388 | 2024   | 5,453                    | 343           | 6,076          | 6,420      | 310           | 122          | 432         | 12,688         | 657        | 5,384 | 577               |    |    |    |    |    |    |    |
| 389 | 2025   | 5,150                    | 348           | 5,777          | 6,124      | 310           | 122          | 432         | 12,390         | 660        | 5,408 | 583               |    |    |    |    |    |    |    |
| 390 | 2026   | 4,963                    | 342           | 5,590          | 5,932      | 300           | 118          | 419         | 12,183         | 664        | 5,439 | 589               |    |    |    |    |    |    |    |
| 391 | 2027   | 5,206                    | 353           | 5,834          | 6,187      | 291           | 115          | 406         | 12,429         | 667        | 5,422 | 595               |    |    |    |    |    |    |    |
| 392 | 2028   | 4,890                    | 341           | 5,520          | 5,861      | 283           | 111          | 394         | 12,090         | 670        | 5,146 | 600               |    |    |    |    |    |    |    |

|     | A  | B    | C | D | E | AH              | AI               | AJ | AK               | AL | AM             | AN | AO            | AP                             |
|-----|--|------|---|---|---|-----------------|------------------|----|------------------|----|----------------|----|---------------|--------------------------------|
|     | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |      |   |   |   |                 |                  |    |                  |    |                |    |               |                                |
| 1   |  |      |   |   |   |                 |                  |    |                  |    |                |    |               |                                |
| 383 |  |      |   |   |   |                 |                  |    |                  |    |                |    |               |                                |
|     |  |      |   |   |   | <u>        </u> | <b>Total</b>     |    | International NC |    | <b>Total</b>   |    | <b>Total</b>  |                                |
| 384 | <b>Peak Day Throughput (Mth/Day)</b>   |      |   |   |   | Vernon          | <b>Wholesale</b> |    | Ecogas           |    | <b>Noncore</b> |    | <b>Total</b>  | <b>System End-<br/>Use Dmd</b> |
| 385 |  | 2021 |   |   |   | 275             | <b>8,237</b>     |    | 338              |    | <b>21,349</b>  |    | <b>51,199</b> |                                |
| 386 |  | 2022 |   |   |   | <b>278</b>      | <b>7,147</b>     |    | 387              |    | <b>20,632</b>  |    | <b>50,243</b> |                                |
| 387 |  | 2023 |   |   |   | <b>279</b>      | <b>7,015</b>     |    | 376              |    | <b>20,409</b>  |    | <b>49,591</b> |                                |
| 388 |  | 2024 |   |   |   | <b>286</b>      | <b>6,905</b>     |    | 377              |    | <b>19,970</b>  |    | <b>48,689</b> |                                |
| 389 |  | 2025 |   |   |   | <b>290</b>      | <b>6,942</b>     |    | 378              |    | <b>19,710</b>  |    | <b>47,945</b> |                                |
| 390 |  | 2026 |   |   |   | <b>297</b>      | <b>6,989</b>     |    | 380              |    | <b>19,552</b>  |    | <b>47,331</b> |                                |
| 391 |  | 2027 |   |   |   | <b>299</b>      | <b>6,983</b>     |    | 381              |    | <b>19,793</b>  |    | <b>47,112</b> |                                |
| 392 |  | 2028 |   |   |   | <b>212</b>      | <b>6,629</b>     |    | 383              |    | <b>19,102</b>  |    | <b>45,953</b> |                                |



|     | A  | B   | C           | D       | E    | F    | G                   | H         | I | J            | K             | L            | M              | N | O | P |
|-----|--|-----|-------------|---------|------|------|---------------------|-----------|---|--------------|---------------|--------------|----------------|---|---|---|
|     | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |     |             |         |      |      |                     |           |   |              |               |              |                |   |   |   |
| 1   |  |     |             |         |      |      |                     |           |   |              |               |              |                |   |   |   |
| 395 | <b><u>MONTHLY FORECAST DATA</u></b>  |     |             |         |      |      |                     |           |   |              |               |              |                |   |   |   |
| 396 |  |     |             |         |      |      | Nonresidential Core |           |   |              |               | Total        | Noncore - G-30 |   |   |   |
| 397 |  |     | Residential | G-10    | G-AC | G-GE | G-NGV               | Core      |   | G-30 (Dist.) | G-30 (Trans.) | G-30 (Total) |                |   |   |   |
| 397 | <b>Forecast Number of Customers</b>  |     |             |         |      |      |                     |           |   |              |               |              |                |   |   |   |
| 398 | 2021   | Jan | 5,654,010   | 202,540 | 4    | 657  | 352                 | 5,857,563 |   | 526          | 30            | 556          |                |   |   |   |
| 399 |  | Feb | 5,656,872   | 202,624 | 4    | 656  | 352                 | 5,860,508 |   | 526          | 30            | 556          |                |   |   |   |
| 400 |  | Mar | 5,659,684   | 202,708 | 4    | 651  | 352                 | 5,863,399 |   | 526          | 30            | 556          |                |   |   |   |
| 401 |  | Apr | 5,661,555   | 202,538 | 4    | 657  | 352                 | 5,865,106 |   | 526          | 30            | 556          |                |   |   |   |
| 402 |  | May | 5,663,924   | 202,490 | 5    | 656  | 352                 | 5,867,427 |   | 526          | 30            | 556          |                |   |   |   |
| 403 |  | Jun | 5,665,690   | 202,407 | 5    | 652  | 352                 | 5,869,106 |   | 526          | 30            | 556          |                |   |   |   |
| 404 |  | Jul | 5,669,612   | 202,452 | 4    | 652  | 352                 | 5,873,071 |   | 526          | 30            | 556          |                |   |   |   |
| 405 |  | Aug | 5,672,333   | 202,212 | 4    | 651  | 352                 | 5,875,551 |   | 526          | 30            | 556          |                |   |   |   |
| 406 |  | Sep | 5,674,939   | 202,001 | 5    | 652  | 352                 | 5,877,948 |   | 526          | 30            | 556          |                |   |   |   |
| 407 |  | Oct | 5,680,619   | 202,046 | 4    | 651  | 352                 | 5,883,671 |   | 526          | 30            | 556          |                |   |   |   |
| 408 |  | Nov | 5,681,549   | 202,122 | 5    | 649  | 352                 | 5,884,676 |   | 526          | 30            | 556          |                |   |   |   |
| 409 |  | Dec | 5,684,765   | 202,433 | 5    | 639  | 352                 | 5,888,193 |   | 526          | 30            | 556          |                |   |   |   |
| 410 |  |     |             |         |      |      |                     |           |   |              |               |              |                |   |   |   |
| 411 | 2022   | Jan | 5,694,757   | 203,956 | 5    | 672  | 359                 | 5,899,749 |   | 526          | 30            | 556          |                |   |   |   |
| 412 |  | Feb | 5,697,801   | 203,746 | 5    | 671  | 359                 | 5,902,582 |   | 526          | 30            | 556          |                |   |   |   |
| 413 |  | Mar | 5,700,845   | 203,541 | 5    | 666  | 359                 | 5,905,416 |   | 526          | 30            | 556          |                |   |   |   |
| 414 |  | Apr | 5,704,716   | 203,226 | 5    | 672  | 359                 | 5,908,978 |   | 526          | 30            | 556          |                |   |   |   |
| 415 |  | May | 5,706,933   | 203,113 | 5    | 671  | 359                 | 5,911,081 |   | 526          | 30            | 556          |                |   |   |   |
| 416 |  | Jun | 5,709,150   | 203,003 | 5    | 667  | 359                 | 5,913,184 |   | 526          | 30            | 556          |                |   |   |   |
| 417 |  | Jul | 5,709,842   | 202,796 | 4    | 667  | 359                 | 5,913,668 |   | 526          | 30            | 556          |                |   |   |   |
| 418 |  | Aug | 5,713,584   | 202,777 | 4    | 666  | 359                 | 5,917,390 |   | 526          | 30            | 556          |                |   |   |   |
| 419 |  | Sep | 5,717,326   | 202,756 | 4    | 667  | 359                 | 5,921,112 |   | 526          | 30            | 556          |                |   |   |   |
| 420 |  | Oct | 5,719,766   | 202,303 | 4    | 666  | 359                 | 5,923,098 |   | 526          | 30            | 556          |                |   |   |   |
| 421 |  | Nov | 5,724,810   | 202,718 | 4    | 664  | 359                 | 5,928,555 |   | 526          | 30            | 556          |                |   |   |   |
| 422 |  | Dec | 5,729,854   | 203,141 | 4    | 654  | 359                 | 5,934,012 |   | 526          | 30            | 556          |                |   |   |   |
| 423 |  |     |             |         |      |      |                     |           |   |              |               |              |                |   |   |   |
| 424 | 2023   | Jan | 5,736,797   | 204,179 | 5    | 672  | 366                 | 5,942,019 |   | 526          | 30            | 556          |                |   |   |   |
| 425 |  | Feb | 5,739,942   | 203,942 | 5    | 671  | 366                 | 5,944,926 |   | 526          | 30            | 556          |                |   |   |   |
| 426 |  | Mar | 5,743,087   | 203,710 | 5    | 666  | 366                 | 5,947,834 |   | 526          | 30            | 556          |                |   |   |   |
| 427 |  | Apr | 5,747,194   | 203,378 | 5    | 672  | 366                 | 5,951,615 |   | 526          | 30            | 556          |                |   |   |   |
| 428 |  | May | 5,749,377   | 203,230 | 5    | 671  | 366                 | 5,953,649 |   | 526          | 30            | 556          |                |   |   |   |
| 429 |  | Jun | 5,751,560   | 203,085 | 5    | 667  | 366                 | 5,955,683 |   | 526          | 30            | 556          |                |   |   |   |
| 430 |  | Jul | 5,752,258   | 202,837 | 4    | 667  | 366                 | 5,956,132 |   | 526          | 30            | 556          |                |   |   |   |
| 431 |  | Aug | 5,755,926   | 202,790 | 4    | 666  | 366                 | 5,959,752 |   | 526          | 30            | 556          |                |   |   |   |
| 432 |  | Sep | 5,759,594   | 202,741 | 4    | 667  | 366                 | 5,963,372 |   | 526          | 30            | 556          |                |   |   |   |
| 433 |  | Oct | 5,762,003   | 202,226 | 4    | 666  | 366                 | 5,965,265 |   | 526          | 30            | 556          |                |   |   |   |
| 434 |  | Nov | 5,766,931   | 202,648 | 4    | 664  | 366                 | 5,970,613 |   | 526          | 30            | 556          |                |   |   |   |
| 435 |  | Dec | 5,771,860   | 203,076 | 4    | 654  | 366                 | 5,975,960 |   | 526          | 30            | 556          |                |   |   |   |
| 436 |  |     |             |         |      |      |                     |           |   |              |               |              |                |   |   |   |
| 437 | 2024   | Jan | 5,778,742   | 204,135 | 5    | 672  | 373                 | 5,983,927 |   | 526          | 30            | 556          |                |   |   |   |
| 438 |  | Feb | 5,781,717   | 203,894 | 5    | 671  | 373                 | 5,986,660 |   | 526          | 30            | 556          |                |   |   |   |
| 439 |  | Mar | 5,784,691   | 203,659 | 5    | 666  | 373                 | 5,989,394 |   | 526          | 30            | 556          |                |   |   |   |
| 440 |  | Apr | 5,788,606   | 203,323 | 5    | 672  | 373                 | 5,992,979 |   | 526          | 30            | 556          |                |   |   |   |
| 441 |  | May | 5,790,641   | 203,171 | 5    | 671  | 373                 | 5,994,861 |   | 526          | 30            | 556          |                |   |   |   |
| 442 |  | Jun | 5,792,676   | 203,024 | 5    | 667  | 373                 | 5,996,745 |   | 526          | 30            | 556          |                |   |   |   |
| 443 |  | Jul | 5,793,179   | 202,766 | 4    | 667  | 373                 | 5,996,989 |   | 526          | 30            | 556          |                |   |   |   |
| 444 |  | Aug | 5,796,746   | 202,723 | 4    | 666  | 373                 | 6,000,512 |   | 526          | 30            | 556          |                |   |   |   |
| 445 |  | Sep | 5,800,313   | 202,677 | 4    | 667  | 373                 | 6,004,034 |   | 526          | 30            | 556          |                |   |   |   |
| 446 |  | Oct | 5,802,578   | 202,175 | 4    | 666  | 373                 | 6,005,796 |   | 526          | 30            | 556          |                |   |   |   |
| 447 |  | Nov | 5,807,448   | 202,592 | 4    | 664  | 373                 | 6,011,081 |   | 526          | 30            | 556          |                |   |   |   |
| 448 |  | Dec | 5,812,318   | 203,017 | 4    | 654  | 373                 | 6,016,366 |   | 526          | 30            | 556          |                |   |   |   |

|     | A  | B   | C         | D       | E | F           | G                   | H         | I    | J     | K     | L | M              | N             | O            | P |
|-----|--|-----|-----------|---------|---|-------------|---------------------|-----------|------|-------|-------|---|----------------|---------------|--------------|---|
|     | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |     |           |         |   |             |                     |           |      |       |       |   |                |               |              |   |
| 1   |  |     |           |         |   |             |                     |           |      |       |       |   |                |               |              |   |
| 395 | <b><u>MONTHLY FORECAST DATA</u></b>  |     |           |         |   |             |                     |           |      |       |       |   |                |               |              |   |
| 396 |  |     |           |         |   |             | Nonresidential Core |           |      |       |       |   | Noncore - G-30 |               |              |   |
| 397 |  |     |           |         |   | Residential | G-10                | G-AC      | G-GE | G-NGV | Total |   | G-30 (Dist.)   | G-30 (Trans.) | G-30 (Total) |   |
| 449 | <b>Forecast Number of Customers</b>  |     |           |         |   |             |                     |           |      |       |       |   |                |               |              |   |
| 450 | 2025   | Jan | 5,819,150 | 204,059 | 5 | 672         | 380                 | 6,024,266 | 526  | 30    | 556   |   |                |               |              |   |
| 451 |  | Feb | 5,822,059 | 203,822 | 5 | 671         | 380                 | 6,026,937 | 526  | 30    | 556   |   |                |               |              |   |
| 452 |  | Mar | 5,824,967 | 203,589 | 5 | 666         | 380                 | 6,029,607 | 526  | 30    | 556   |   |                |               |              |   |
| 453 |  | Apr | 5,828,826 | 203,258 | 5 | 672         | 380                 | 6,033,141 | 526  | 30    | 556   |   |                |               |              |   |
| 454 |  | May | 5,830,784 | 203,109 | 5 | 671         | 380                 | 6,034,949 | 526  | 30    | 556   |   |                |               |              |   |
| 455 |  | Jun | 5,832,742 | 202,963 | 5 | 667         | 380                 | 6,036,757 | 526  | 30    | 556   |   |                |               |              |   |
| 456 |  | Jul | 5,833,158 | 202,708 | 4 | 667         | 380                 | 6,036,917 | 526  | 30    | 556   |   |                |               |              |   |
| 457 |  | Aug | 5,836,658 | 202,666 | 4 | 666         | 380                 | 6,040,374 | 526  | 30    | 556   |   |                |               |              |   |
| 458 |  | Sep | 5,840,159 | 202,622 | 4 | 667         | 380                 | 6,043,832 | 526  | 30    | 556   |   |                |               |              |   |
| 459 |  | Oct | 5,842,329 | 202,121 | 4 | 666         | 380                 | 6,045,500 | 526  | 30    | 556   |   |                |               |              |   |
| 460 |  | Nov | 5,847,160 | 202,540 | 4 | 664         | 380                 | 6,050,748 | 526  | 30    | 556   |   |                |               |              |   |
| 461 |  | Dec | 5,851,991 | 202,967 | 4 | 654         | 380                 | 6,055,996 | 526  | 30    | 556   |   |                |               |              |   |
| 462 |  |     |           |         |   |             |                     |           |      |       |       |   |                |               |              |   |
| 463 | 2026   | Jan | 5,858,771 | 204,010 | 5 | 672         | 387                 | 6,063,845 | 526  | 30    | 556   |   |                |               |              |   |
| 464 |  | Feb | 5,861,652 | 203,774 | 5 | 671         | 387                 | 6,066,489 | 526  | 30    | 556   |   |                |               |              |   |
| 465 |  | Mar | 5,864,534 | 203,543 | 5 | 666         | 387                 | 6,069,135 | 526  | 30    | 556   |   |                |               |              |   |
| 466 |  | Apr | 5,868,346 | 203,215 | 5 | 672         | 387                 | 6,072,625 | 526  | 30    | 556   |   |                |               |              |   |
| 467 |  | May | 5,870,296 | 203,067 | 5 | 671         | 387                 | 6,074,426 | 526  | 30    | 556   |   |                |               |              |   |
| 468 |  | Jun | 5,872,245 | 202,922 | 5 | 667         | 387                 | 6,076,226 | 526  | 30    | 556   |   |                |               |              |   |
| 469 |  | Jul | 5,872,644 | 202,667 | 4 | 667         | 387                 | 6,076,369 | 526  | 30    | 556   |   |                |               |              |   |
| 470 |  | Aug | 5,876,144 | 202,625 | 4 | 666         | 387                 | 6,079,826 | 526  | 30    | 556   |   |                |               |              |   |
| 471 |  | Sep | 5,879,645 | 202,579 | 4 | 667         | 387                 | 6,083,282 | 526  | 30    | 556   |   |                |               |              |   |
| 472 |  | Oct | 5,881,827 | 202,078 | 4 | 666         | 387                 | 6,084,962 | 526  | 30    | 556   |   |                |               |              |   |
| 473 |  | Nov | 5,886,645 | 202,495 | 4 | 664         | 387                 | 6,090,195 | 526  | 30    | 556   |   |                |               |              |   |
| 474 |  | Dec | 5,891,463 | 202,921 | 4 | 654         | 387                 | 6,095,428 | 526  | 30    | 556   |   |                |               |              |   |
| 475 |  |     |           |         |   |             |                     |           |      |       |       |   |                |               |              |   |
| 476 | 2027   | Jan | 5,898,277 | 203,963 | 5 | 672         | 393                 | 6,103,310 | 526  | 30    | 556   |   |                |               |              |   |
| 477 |  | Feb | 5,901,100 | 203,727 | 5 | 671         | 393                 | 6,105,896 | 526  | 30    | 556   |   |                |               |              |   |
| 478 |  | Mar | 5,903,924 | 203,495 | 5 | 666         | 393                 | 6,108,483 | 526  | 30    | 556   |   |                |               |              |   |
| 479 |  | Apr | 5,907,722 | 203,167 | 5 | 672         | 393                 | 6,111,959 | 526  | 30    | 556   |   |                |               |              |   |
| 480 |  | May | 5,909,570 | 203,016 | 5 | 671         | 393                 | 6,113,655 | 526  | 30    | 556   |   |                |               |              |   |
| 481 |  | Jun | 5,911,419 | 202,868 | 5 | 667         | 393                 | 6,115,352 | 526  | 30    | 556   |   |                |               |              |   |
| 482 |  | Jul | 5,911,724 | 202,611 | 4 | 667         | 393                 | 6,115,399 | 526  | 30    | 556   |   |                |               |              |   |
| 483 |  | Aug | 5,915,115 | 202,566 | 4 | 666         | 393                 | 6,118,744 | 526  | 30    | 556   |   |                |               |              |   |
| 484 |  | Sep | 5,918,506 | 202,518 | 4 | 667         | 393                 | 6,122,088 | 526  | 30    | 556   |   |                |               |              |   |
| 485 |  | Oct | 5,920,577 | 202,013 | 4 | 666         | 393                 | 6,123,653 | 526  | 30    | 556   |   |                |               |              |   |
| 486 |  | Nov | 5,925,288 | 202,430 | 4 | 664         | 393                 | 6,128,779 | 526  | 30    | 556   |   |                |               |              |   |
| 487 |  | Dec | 5,929,998 | 202,854 | 4 | 654         | 393                 | 6,133,903 | 526  | 30    | 556   |   |                |               |              |   |
| 488 |  |     |           |         |   |             |                     |           |      |       |       |   |                |               |              |   |
| 489 | 2028   | Jan | 5,936,715 | 203,895 | 5 | 672         | 399                 | 6,141,687 | 526  | 30    | 556   |   |                |               |              |   |
| 490 |  | Feb | 5,939,418 | 203,659 | 5 | 671         | 399                 | 6,144,153 | 526  | 30    | 556   |   |                |               |              |   |
| 491 |  | Mar | 5,942,121 | 203,427 | 5 | 666         | 399                 | 6,146,618 | 526  | 30    | 556   |   |                |               |              |   |
| 492 |  | Apr | 5,945,800 | 203,098 | 5 | 672         | 399                 | 6,149,975 | 526  | 30    | 556   |   |                |               |              |   |
| 493 |  | May | 5,947,527 | 202,946 | 5 | 671         | 399                 | 6,151,549 | 526  | 30    | 556   |   |                |               |              |   |
| 494 |  | Jun | 5,949,255 | 202,798 | 5 | 667         | 399                 | 6,153,125 | 526  | 30    | 556   |   |                |               |              |   |
| 495 |  | Jul | 5,949,419 | 202,541 | 4 | 667         | 399                 | 6,153,031 | 526  | 30    | 556   |   |                |               |              |   |
| 496 |  | Aug | 5,952,710 | 202,496 | 4 | 666         | 399                 | 6,156,274 | 526  | 30    | 556   |   |                |               |              |   |
| 497 |  | Sep | 5,956,000 | 202,447 | 4 | 667         | 399                 | 6,159,517 | 526  | 30    | 556   |   |                |               |              |   |
| 498 |  | Oct | 5,957,943 | 201,941 | 4 | 666         | 399                 | 6,160,952 | 526  | 30    | 556   |   |                |               |              |   |
| 499 |  | Nov | 5,962,581 | 202,357 | 4 | 664         | 399                 | 6,166,004 | 526  | 30    | 556   |   |                |               |              |   |
| 500 |  | Dec | 5,967,218 | 202,780 | 4 | 654         | 399                 | 6,171,054 | 526  | 30    | 556   |   |                |               |              |   |

|     | A   | B                    | C                    | D                     | E             | Q              | R             | S           | T            | U           | V              | W  | X   | Y | Z | AA | AB | AC |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
|-----|---|----------------------|----------------------|-----------------------|---------------|----------------|---------------|-------------|--------------|-------------|----------------|----|-----|---|---|----|----|----|--|-------------------------------|--|--|--|--|--|---------------|--|--|-------|---------------------|----------------------|----------------------|-----------------------|---------------|----------------|------------|-------------|--------------|-------------|----------------|
| 1   | <b>2024 CAP: SoCalGas Consolidated Gas Demand Forecast Summary (Mtherms)</b>  |                      |                      |                       |               |                |               |             |              |             |                |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 395 | <b>MONTHLY FORECAST DATA</b>  |                      |                      |                       |               |                |               |             |              |             |                |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 396 | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th colspan="6">Noncore - Electric Generation</th> <th colspan="3">Noncore - EOR</th> <th>Total</th> </tr> <tr> <th>EG-Dist. (&lt;3MMThms)</th> <th>EG-Trans. (&lt;3MMThms)</th> <th>EG-Dist. (&gt;=3MMThms)</th> <th>EG-Trans. (&gt;=3MMThms)</th> <th>EG (&lt;3MMThms)</th> <th>EG (&gt;=3MMThms)</th> <th>EG (Total)</th> <th>EOR (Dist.)</th> <th>EOR (Trans.)</th> <th>EOR (Total)</th> <th>Retail Noncore</th> </tr> </thead> </table> |                      |                      |                       |               |                |               |             |              |             |                |    |     |   |   |    |    |    |  | Noncore - Electric Generation |  |  |  |  |  | Noncore - EOR |  |  | Total | EG-Dist. (<3MMThms) | EG-Trans. (<3MMThms) | EG-Dist. (>=3MMThms) | EG-Trans. (>=3MMThms) | EG (<3MMThms) | EG (>=3MMThms) | EG (Total) | EOR (Dist.) | EOR (Trans.) | EOR (Total) | Retail Noncore |
|     | Noncore - Electric Generation   |                      |                      |                       |               |                | Noncore - EOR |             |              | Total       |                |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
|     | EG-Dist. (<3MMThms)   | EG-Trans. (<3MMThms) | EG-Dist. (>=3MMThms) | EG-Trans. (>=3MMThms) | EG (<3MMThms) | EG (>=3MMThms) | EG (Total)    | EOR (Dist.) | EOR (Trans.) | EOR (Total) | Retail Noncore |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 397 | <b>Forecast Number of Customers</b>   |                      |                      |                       |               |                |               |             |              |             |                |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 398 | 2021  | Jan                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 399 |   | Feb                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 400 |   | Mar                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 401 |   | Apr                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 402 |   | May                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 403 |   | Jun                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 404 |   | Jul                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 405 |   | Aug                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 406 |   | Sep                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 407 |   | Oct                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 408 |   | Nov                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 409 |   | Dec                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 410 |   |                      |                      |                       |               |                |               |             |              |             |                |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 411 | 2022  | Jan                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 412 |   | Feb                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 413 |   | Mar                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 414 |   | Apr                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 415 |   | May                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 416 |   | Jun                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 417 |   | Jul                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 418 |   | Aug                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 419 |   | Sep                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 420 |   | Oct                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 421 |   | Nov                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 422 |   | Dec                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 423 |   |                      |                      |                       |               |                |               |             |              |             |                |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 424 | 2023  | Jan                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 425 |   | Feb                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 426 |   | Mar                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 427 |   | Apr                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 428 |   | May                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 429 |   | Jun                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 430 |   | Jul                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 431 |   | Aug                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 432 |   | Sep                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 433 |   | Oct                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 434 |   | Nov                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 435 |   | Dec                  | 310                  | 13                    | 25            | 39             | 323           | 64          | 387          | 18          | 14             | 32 | 975 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 436 |   |                      |                      |                       |               |                |               |             |              |             |                |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 437 | 2024  | Jan                  | 309                  | 13                    | 25            | 35             | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 438 |   | Feb                  | 309                  | 13                    | 25            | 35             | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 439 |   | Mar                  | 309                  | 13                    | 25            | 35             | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 440 |   | Apr                  | 309                  | 13                    | 25            | 35             | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 441 |   | May                  | 309                  | 13                    | 25            | 35             | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 442 |   | Jun                  | 309                  | 13                    | 25            | 35             | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 443 |   | Jul                  | 309                  | 13                    | 25            | 35             | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 444 |   | Aug                  | 309                  | 13                    | 25            | 35             | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 445 |   | Sep                  | 309                  | 13                    | 25            | 35             | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 446 |   | Oct                  | 309                  | 13                    | 25            | 35             | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 447 |   | Nov                  | 309                  | 13                    | 25            | 35             | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |
| 448 |   | Dec                  | 309                  | 13                    | 25            | 35             | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                     |                      |                      |                       |               |                |            |             |              |             |                |

|     | A   | B                       | C                      | D                       | E                | Q                | R             | S           | T            | U           | V              | W  | X   | Y | Z | AA | AB | AC |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
|-----|---|-------------------------|------------------------|-------------------------|------------------|------------------|---------------|-------------|--------------|-------------|----------------|----|-----|---|---|----|----|----|--|-------------------------------|--|--|--|--|--|---------------|--|--|-------|------------------------|-------------------------|------------------------|-------------------------|------------------|------------------|------------|-------------|--------------|-------------|----------------|
|     | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b>  |                         |                        |                         |                  |                  |               |             |              |             |                |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 1   |   |                         |                        |                         |                  |                  |               |             |              |             |                |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 395 | <b>MONTHLY FORECAST DATA</b>  |                         |                        |                         |                  |                  |               |             |              |             |                |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 396 | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th colspan="6">Noncore - Electric Generation</th> <th colspan="3">Noncore - EOR</th> <th>Total</th> </tr> <tr> <th>EG-Dist.<br/>(&lt;3MMThms)</th> <th>EG-Trans.<br/>(&lt;3MMThms)</th> <th>EG-Dist.<br/>(≥3MMThms)</th> <th>EG-Trans.<br/>(≥3MMThms)</th> <th>EG<br/>(&lt;3MMThms)</th> <th>EG<br/>(≥3MMThms)</th> <th>EG (Total)</th> <th>EOR (Dist.)</th> <th>EOR (Trans.)</th> <th>EOR (Total)</th> <th>Retail Noncore</th> </tr> </thead> </table> |                         |                        |                         |                  |                  |               |             |              |             |                |    |     |   |   |    |    |    |  | Noncore - Electric Generation |  |  |  |  |  | Noncore - EOR |  |  | Total | EG-Dist.<br>(<3MMThms) | EG-Trans.<br>(<3MMThms) | EG-Dist.<br>(≥3MMThms) | EG-Trans.<br>(≥3MMThms) | EG<br>(<3MMThms) | EG<br>(≥3MMThms) | EG (Total) | EOR (Dist.) | EOR (Trans.) | EOR (Total) | Retail Noncore |
|     | Noncore - Electric Generation   |                         |                        |                         |                  |                  | Noncore - EOR |             |              | Total       |                |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
|     | EG-Dist.<br>(<3MMThms)  | EG-Trans.<br>(<3MMThms) | EG-Dist.<br>(≥3MMThms) | EG-Trans.<br>(≥3MMThms) | EG<br>(<3MMThms) | EG<br>(≥3MMThms) | EG (Total)    | EOR (Dist.) | EOR (Trans.) | EOR (Total) | Retail Noncore |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 397 | <b>Forecast Number of Customers</b>   |                         |                        |                         |                  |                  |               |             |              |             |                |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 449 |   |                         |                        |                         |                  |                  |               |             |              |             |                |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 450 | 2025  | Jan                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 451 |   | Feb                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 452 |   | Mar                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 453 |   | Apr                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 454 |   | May                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 455 |   | Jun                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 456 |   | Jul                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 457 |   | Aug                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 458 |   | Sep                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 459 |   | Oct                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 460 |   | Nov                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 461 |   | Dec                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 462 |   |                         |                        |                         |                  |                  |               |             |              |             |                |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 463 | 2026  | Jan                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 464 |   | Feb                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 465 |   | Mar                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 466 |   | Apr                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 467 |   | May                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 468 |   | Jun                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 469 |   | Jul                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 470 |   | Aug                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 471 |   | Sep                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 472 |   | Oct                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 473 |   | Nov                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 474 |   | Dec                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 475 |   |                         |                        |                         |                  |                  |               |             |              |             |                |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 476 | 2027  | Jan                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 477 |   | Feb                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 478 |   | Mar                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 479 |   | Apr                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 480 |   | May                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 481 |   | Jun                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 482 |   | Jul                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 483 |   | Aug                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 484 |   | Sep                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 485 |   | Oct                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 486 |   | Nov                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 487 |   | Dec                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 488 |   |                         |                        |                         |                  |                  |               |             |              |             |                |    |     |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 489 | 2028  | Jan                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 490 |   | Feb                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 491 |   | Mar                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 492 |   | Apr                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 493 |   | May                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 494 |   | Jun                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 495 |   | Jul                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 496 |   | Aug                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 497 |   | Sep                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 498 |   | Oct                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 499 |   | Nov                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |
| 500 |   | Dec                     | 309                    | 13                      | 25               | 35               | 322           | 60          | 382          | 18          | 14             | 32 | 970 |   |   |    |    |    |  |                               |  |  |  |  |  |               |  |  |       |                        |                         |                        |                         |                  |                  |            |             |              |             |                |

|     | A  | B | C | D | E | AD | AE | AF | AG | AH | AI | AJ | AK | AL | AM | AN | AO |
|-----|--|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|
|     | <b>2024 CAP: SoCalGas<br/>Consolidated Gas Demand<br/>Forecast Summary (Mtherms)</b> |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 1   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 395 | <b>MONTHLY FORECAST DATA</b>   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 396 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 397 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 398 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 399 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 400 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 401 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 402 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 403 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 404 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 405 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 406 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 407 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 408 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 409 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 410 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 411 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 412 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 413 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 414 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 415 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 416 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 417 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 418 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 419 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 420 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 421 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 422 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 423 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 424 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 425 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 426 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 427 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 428 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 429 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 430 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 431 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 432 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 433 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 434 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 435 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 436 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 437 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 438 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 439 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 440 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 441 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 442 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 443 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 444 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 445 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 446 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 447 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 448 |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |

|     | A  | B   | C | D | E                 | AD    | AE            | AF     | AG        | AH               | AI | AJ | AK      | AL     | AM | AN | AO        |
|-----|--|-----|---|---|-------------------|-------|---------------|--------|-----------|------------------|----|----|---------|--------|----|----|-----------|
| 1   | <b>2024 CAP: SoCalGas Consolidated Gas Demand Forecast Summary (Mtherms)</b> |     |   |   |                   |       |               |        |           |                  |    |    |         |        |    |    |           |
| 395 | <b>MONTHLY FORECAST DATA</b>   |     |   |   |                   |       |               |        |           |                  |    |    |         |        |    |    |           |
| 396 |  |     |   |   | Wholesale Noncore |       |               |        | Total     | International NC |    |    | Total   | Total  |    |    |           |
| 397 | Forecast Number of Customers   |     |   |   | Long Beach        | SDG&E | Southwest Gas | Vernon | Wholesale | Ecogas           |    |    | Noncore | System |    |    |           |
| 449 |  |     |   |   |                   |       |               |        |           |                  |    |    |         |        |    |    |           |
| 450 | 2025   | Jan |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,025,241 |
| 451 |  | Feb |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,027,912 |
| 452 |  | Mar |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,030,582 |
| 453 |  | Apr |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,034,116 |
| 454 |  | May |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,035,924 |
| 455 |  | Jun |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,037,732 |
| 456 |  | Jul |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,037,892 |
| 457 |  | Aug |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,041,349 |
| 458 |  | Sep |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,044,807 |
| 459 |  | Oct |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,046,475 |
| 460 |  | Nov |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,051,723 |
| 461 |  | Dec |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,056,971 |
| 462 |  |     |   |   |                   |       |               |        |           |                  |    |    |         |        |    |    |           |
| 463 | 2026   | Jan |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,064,820 |
| 464 |  | Feb |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,067,464 |
| 465 |  | Mar |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,070,110 |
| 466 |  | Apr |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,073,600 |
| 467 |  | May |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,075,401 |
| 468 |  | Jun |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,077,201 |
| 469 |  | Jul |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,077,344 |
| 470 |  | Aug |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,080,801 |
| 471 |  | Sep |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,084,257 |
| 472 |  | Oct |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,085,937 |
| 473 |  | Nov |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,091,170 |
| 474 |  | Dec |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,096,403 |
| 475 |  |     |   |   |                   |       |               |        |           |                  |    |    |         |        |    |    |           |
| 476 | 2027   | Jan |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,104,285 |
| 477 |  | Feb |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,106,871 |
| 478 |  | Mar |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,109,458 |
| 479 |  | Apr |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,112,934 |
| 480 |  | May |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,114,630 |
| 481 |  | Jun |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,116,327 |
| 482 |  | Jul |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,116,374 |
| 483 |  | Aug |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,119,719 |
| 484 |  | Sep |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,123,063 |
| 485 |  | Oct |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,124,628 |
| 486 |  | Nov |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,129,754 |
| 487 |  | Dec |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,134,878 |
| 488 |  |     |   |   |                   |       |               |        |           |                  |    |    |         |        |    |    |           |
| 489 | 2028   | Jan |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,142,662 |
| 490 |  | Feb |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,145,128 |
| 491 |  | Mar |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,147,593 |
| 492 |  | Apr |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,150,950 |
| 493 |  | May |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,152,524 |
| 494 |  | Jun |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,154,100 |
| 495 |  | Jul |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,154,006 |
| 496 |  | Aug |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,157,249 |
| 497 |  | Sep |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,160,492 |
| 498 |  | Oct |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,161,927 |
| 499 |  | Nov |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,166,979 |
| 500 |  | Dec |   |   |                   | 1     | 1             | 1      | 1         | 4                |    | 1  |         | 975    |    |    | 6,172,029 |

# **SDG&E Consolidated Gas Demand**

## Marginal Demand Measures (MDM)

Marginal Demand Measures (MDMs) are used for rate design and cost allocation calculations. Figure 1, below, shows the relationships among the various MDMs that are provided in the accompanying tables.

**Figure 1**

Diagram Depicting the Relationships  
Among “Direct” and “Cumulative” MDMs

|                     |                      |  |  |                                      |
|---------------------|----------------------|--|--|--------------------------------------|
| <b>Direct Basis</b> | <b>D<sub>T</sub></b> | T (Trans.)   |  |                                      |
|                     | <b>D<sub>H</sub></b> | H (High Press.)  | H (High Press.)                                      |                                      |
|                     | <b>D<sub>M</sub></b> | M (Medium Press.)  | M (Medium Press.)                                    | M (Medium Press.)                    |
|                     |                      | <b>C<sub>T</sub> = D<sub>T</sub> + D<sub>H</sub> + D<sub>M</sub></b> | <b>C<sub>H</sub> = D<sub>H</sub> + D<sub>M</sub></b> | <b>C<sub>M</sub> = D<sub>M</sub></b> |
|                     |                      | <b>Cumulative Basis</b>  |  |                                      |

For example, the MDM data in the tables below for Noncore C&I, Average Year throughput gas demand have *direct* values for various segments of pressure service:

$$D_T = 13,965 \text{ MTh}, D_H = 2,747 \text{ MTh}, \text{ and } D_M = 32,591 \text{ MTh}.$$

The corresponding *cumulative* totals are:

$$C_T = 49,303 \text{ MTh}, C_H = 35,338 \text{ MTh}, \text{ and } C_M = 32,591 \text{ MTh},$$

using the formulas indicated in the Figure 1, above.



|    | A   | B                                     | C | D | E                          | F           | G            | H            | I      | J                        | K                       | L              | M | N |
|----|---|---------------------------------------|---|---|----------------------------|-------------|--------------|--------------|--------|--------------------------|-------------------------|----------------|---|---|
|    | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b>   |                                       |   |   |                            |             |              |              |        |                          |                         |                |   |   |
| 1  |   |                                       |   |   |                            |             |              |              |        |                          |                         |                |   |   |
| 2  |   |                                       |   |   |                            |             |              |              |        |                          |                         |                |   |   |
| 3  | <b>Btu Factor: 1.0298</b>   |                                       |   |   |                            |             |              |              |        |                          |                         |                |   |   |
| 4  |   |                                       |   |   |                            |             |              |              |        |                          |                         |                |   |   |
| 5  | <b>Co-Use-Fuel 0.388% UAF 2.223%</b>  |                                       |   |   |                            |             |              |              |        |                          |                         |                |   |   |
| 6  | <b>MDM #Yrs Av (3- or 4-yr) 0.399% 2.283%</b>   |                                       |   |   |                            |             |              |              |        |                          |                         |                |   |   |
| 7  | <b>4</b>  |                                       |   |   |                            |             |              |              |        |                          |                         |                |   |   |
| 8  |   |                                       |   |   |                            |             |              |              |        |                          |                         |                |   |   |
| 9  | <b>Forecast Summary</b>   | <b>MDM</b>                            |   |   | <b>Nonresidential Core</b> |             |              | <b>Total</b> |        | <b>Noncore - C&amp;I</b> |                         |                |   |   |
| 10 |   |                                       |   |   | <b>Residential</b>         | <b>GN-3</b> | <b>G-NGV</b> | <b>Core</b>  |        | <b>C&amp;I (Dist.)</b>   | <b>C&amp;I (Trans.)</b> | <b>C&amp;I</b> |   |   |
| 11 | << CAP Period >> January 2024 - December 2027   |                                       |   |   |                            |             |              |              |        |                          |                         |                |   |   |
| 12 | <b>DIRECT (%s Load or Cust/Mtrs Sum to 100%)</b>  |                                       |   |   |                            |             |              |              |        |                          |                         |                |   |   |
| 13 | Transmission  | %Load:                                |   |   | 0.00%                      | 0.00%       | 0.00%        |              |        |                          |                         |                |   |   |
| 14 |   | Average Year Throughput (MTh)         |   |   | 0                          | 0           | 0            | 0            | 0      | 0                        | 13,965                  | 13,965         |   |   |
| 15 |   | Cold Year Throughput (1-in-35) (MTh)  |   |   | 0                          | 0           | 0            | 0            | 0      | 0                        | 13,965                  | 13,965         |   |   |
| 16 |   | Cold Year Peak Month (December) (MTh) |   |   | 0                          | 0           | 0            | 0            | 0      | 0                        | 1,167                   | 1,167          |   |   |
| 17 |   | Peak Day (see note a/ below) (MTh)    |   |   | -                          | -           | -            | 0            | 0      | 0                        | 38                      | 38             |   |   |
| 18 |   | %Cust/Mtrs:                           |   |   | 0.0000%                    | 0.0000%     | 0.0000%      |              |        |                          |                         |                |   |   |
| 19 |   | Number of Customers                   |   |   | -                          | -           | -            | 0            | 0      | 0                        | 5                       | 5              |   |   |
| 20 | High Pressure   | %Load:                                |   |   | 0.01%                      | 1.86%       | 43.47%       |              |        |                          |                         |                |   |   |
| 21 |   | Average Year Throughput (MTh)         |   |   | 18                         | 3,333       | 10,075       | 13,426       | 2,747  | 0                        | 2,747                   |                |   |   |
| 22 |   | Cold Year Throughput (1-in-35) (MTh)  |   |   | 19                         | 3,442       | 10,075       | 13,536       | 2,747  | 0                        | 2,747                   |                |   |   |
| 23 |   | Cold Year Peak Month (December) (MTh) |   |   | 3                          | 391         | 865          | 1,259        | 230    | 0                        | 230                     |                |   |   |
| 24 |   | Peak Day (see note a/ below) (MTh)    |   |   | 0                          | 19          | 28           | 47           | 7      | 0                        | 7                       |                |   |   |
| 25 |   | %Cust/Mtrs:                           |   |   | 0.0002%                    | 0.0156%     | 13.7931%     |              |        |                          |                         |                |   |   |
| 26 |   | Number of Customers                   |   |   | 2                          | 5           | 5            | 12           | 5      | 0                        | 5                       |                |   |   |
| 27 | Medium Pressure   | %Load:                                |   |   | 99.99%                     | 98.14%      | 56.53%       |              |        |                          |                         |                |   |   |
| 28 |   | Average Year Throughput (MTh)         |   |   | 270,586                    | 175,580     | 13,104       | 459,270      | 32,591 | 0                        | 32,591                  |                |   |   |
| 29 |   | Cold Year Throughput (1-in-35) (MTh)  |   |   | 298,699                    | 181,329     | 13,104       | 493,131      | 32,591 | 0                        | 32,591                  |                |   |   |
| 30 |   | Cold Year Peak Month (December) (MTh) |   |   | 43,868                     | 20,592      | 1,125        | 65,584       | 2,724  | 0                        | 2,724                   |                |   |   |
| 31 |   | Peak Day (see note a/ below) (MTh)    |   |   | 3,040                      | 996         | 36           | 4,072        | 88     | 0                        | 88                      |                |   |   |
| 32 |   | %Cust/Mtrs:                           |   |   | 99.9998%                   | 99.9844%    | 86.2069%     |              |        |                          |                         |                |   |   |
| 33 |   | Number of Customers                   |   |   | 909,357                    | 30,483      | 31           | 939,871      | 48     | 0                        | 48                      |                |   |   |
| 34 | <b>CUMULATIVE (Calc'd from DIRECT %s)</b>   |                                       |   |   |                            |             |              |              |        |                          |                         |                |   |   |
| 35 | Transmission  | %Load:                                |   |   | 100.0000%                  | 100.0000%   | 100.0000%    |              |        |                          |                         |                |   |   |
| 36 |   | Average Year Throughput (MTh)         |   |   | 270,604                    | 178,913     | 23,179       | 472,696      | 35,337 | 13,965                   | 49,302                  |                |   |   |
| 37 |   | Cold Year Throughput (1-in-35) (MTh)  |   |   | 298,718                    | 184,771     | 23,179       | 506,668      | 35,337 | 13,965                   | 49,302                  |                |   |   |
| 38 |   | Cold Year Peak Month (December) (MTh) |   |   | 43,870                     | 20,983      | 1,990        | 66,843       | 2,953  | 1,167                    | 4,120                   |                |   |   |
| 39 |   | Peak Day (see note a/ below) (MTh)    |   |   | 3,040                      | 1,015       | 64           | 4,119        | 95     | 38                       | 133                     |                |   |   |
| 40 |   | %Cust/Mtrs:                           |   |   | 100.0000%                  | 100.0000%   | 100.0000%    |              |        |                          |                         |                |   |   |
| 41 |   | Number of Customers                   |   |   | 909,359                    | 30,488      | 36           | 939,883      | 53     | 5                        | 58                      |                |   |   |
| 42 | High Pressure   | %Load:                                |   |   | 100.0000%                  | 100.0000%   | 100.0000%    |              |        |                          |                         |                |   |   |
| 43 |   | Average Year Throughput (MTh)         |   |   | 270,604                    | 178,913     | 23,179       | 472,696      | 35,337 | 0                        | 35,337                  |                |   |   |
| 44 |   | Cold Year Throughput (1-in-35) (MTh)  |   |   | 298,718                    | 184,771     | 23,179       | 506,668      | 35,337 | 0                        | 35,337                  |                |   |   |
| 45 |   | Cold Year Peak Month (December) (MTh) |   |   | 43,870                     | 20,983      | 1,990        | 66,843       | 2,953  | 0                        | 2,953                   |                |   |   |
| 46 |   | Peak Day (see note a/ below) (MTh)    |   |   | 3,040                      | 1,015       | 64           | 4,119        | 95     | 0                        | 95                      |                |   |   |
| 47 |   | %Cust/Mtrs:                           |   |   | 100.0000%                  | 100.0000%   | 100.0000%    |              |        |                          |                         |                |   |   |
| 48 |   | Number of Customers                   |   |   | 909,359                    | 30,488      | 36           | 939,883      | 53     | 0                        | 53                      |                |   |   |
| 49 | Medium Pressure   | %Load:                                |   |   | 99.9935%                   | 98.1369%    | 56.5341%     |              |        |                          |                         |                |   |   |
| 50 |   | Average Year Throughput (MTh)         |   |   | 270,586                    | 175,580     | 13,104       | 459,270      | 32,591 | 0                        | 32,591                  |                |   |   |
| 51 |   | Cold Year Throughput (1-in-35) (MTh)  |   |   | 298,699                    | 181,329     | 13,104       | 493,131      | 32,591 | 0                        | 32,591                  |                |   |   |
| 52 |   | Cold Year Peak Month (December) (MTh) |   |   | 43,868                     | 20,592      | 1,125        | 65,584       | 2,724  | 0                        | 2,724                   |                |   |   |
| 53 |   | Peak Day (see note a/ below) (MTh)    |   |   | 3,040                      | 996         | 36           | 4,072        | 88     | 0                        | 88                      |                |   |   |
| 54 |   | %Cust/Mtrs:                           |   |   | 99.9998%                   | 99.9844%    | 86.2069%     |              |        |                          |                         |                |   |   |
| 55 |   | Number of Customers                   |   |   | 909,357                    | 30,483      | 31           | 939,871      | 48     | 0                        | 48                      |                |   |   |
| 56 | <b>Note: a/ Core HDD-sensitive markets (Res &amp; GN3) at 1-in-35 peak-day design temperature; Power-Plant facilities' peak daily load in month of DECEMBER for BASE HYDRO water year; all other market segments at average daily load in DECEMBER month.</b> |                                       |   |   |                            |             |              |              |        |                          |                         |                |   |   |

|    | A   | B                                     | C                    | D                    | E                     | O             | P                                    | Q          | R       | S              | T                  | U | V | W |
|----|---|---------------------------------------|----------------------|----------------------|-----------------------|---------------|--------------------------------------|------------|---------|----------------|--------------------|---|---|---|
| 1  | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |                                       |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 2  |   |                                       |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 3  |   |                                       |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 4  |   |                                       |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 5  |   |                                       |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 6  | MDM #Yrs Av (3- or 4-yr)  |                                       |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 7  | 4   |                                       |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 8  |   |                                       |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 9  | <b>Forecast Summary</b>   | <b>MDM</b>                            |                      |                      |                       |               | <b>Noncore - Electric Generation</b> |            |         | <b>Noncore</b> | <b>System-Wide</b> |   |   |   |
| 10 |   | EG-Dist. (<3MMThms)                   | EG-Trans. (<3MMThms) | EG-Dist. (>=3MMThms) | EG-Trans. (>=3MMThms) | EG (<3MMThms) | EG (>=3MMThms)                       | EG (Total) | Total   | Total          |                    |   |   |   |
| 11 | << CAP Period >> January 2024 - December 2027                                 |                                       |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 12 | <b>DIRECT (%'s Load or Cust/Mtrs Sum to 100%)</b>                             |                                       |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 13 | Transmission  | % -Load:                              |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 14 |   | Average Year Throughput (MTh)         | 0                    | 0                    | 0                     | 225,945       | 0                                    | 225,945    | 225,945 | 239,910        | 239,910            |   |   |   |
| 15 |   | Cold Year Throughput (1-in-35) (MTh)  | 0                    | 0                    | 0                     | 225,945       | 0                                    | 225,945    | 225,945 | 239,910        | 239,910            |   |   |   |
| 16 |   | Cold Year Peak Month (December) (MTh) | 0                    | 0                    | 0                     | 19,867        | 0                                    | 19,867     | 19,867  | 21,035         | 21,035             |   |   |   |
| 17 |   | Peak Day (see note a/ below) (MTh)    | 0                    | 0                    | 0                     | 828           | 0                                    | 828        | 828     | 866            | 866                |   |   |   |
| 18 |   | % -Cust/Mtrs:                         |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 19 |   | Number of Customers                   | 0                    | 3                    | 0                     | 10            | 3                                    | 10         | 13      | 18             | 18                 |   |   |   |
| 20 | High Pressure   | % -Load:                              |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 21 |   | Average Year Throughput (MTh)         | 9,085                | 0                    | 35,885                | 0             | 9,085                                | 35,885     | 44,970  | 47,717         | 61,142             |   |   |   |
| 22 |   | Cold Year Throughput (1-in-35) (MTh)  | 9,085                | 0                    | 35,885                | 0             | 9,085                                | 35,885     | 44,970  | 47,717         | 61,253             |   |   |   |
| 23 |   | Cold Year Peak Month (December) (MTh) | 755                  | 0                    | 2,981                 | 0             | 755                                  | 2,981      | 3,736   | 3,965          | 5,224              |   |   |   |
| 24 |   | Peak Day (see note a/ below) (MTh)    | 24                   | 0                    | 96                    | 0             | 24                                   | 96         | 121     | 128            | 175                |   |   |   |
| 25 |   | % -Cust/Mtrs:                         |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 26 |   | Number of Customers                   | 7                    | 0                    | 4                     | 0             | 7                                    | 4          | 11      | 16             | 28                 |   |   |   |
| 27 | Medium Pressure   | % -Load:                              |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 28 |   | Average Year Throughput (MTh)         | 22,343               | 0                    | 4,342                 | 0             | 22,343                               | 4,342      | 26,685  | 59,276         | 518,546            |   |   |   |
| 29 |   | Cold Year Throughput (1-in-35) (MTh)  | 22,343               | 0                    | 4,342                 | 0             | 22,343                               | 4,342      | 26,685  | 59,276         | 552,407            |   |   |   |
| 30 |   | Cold Year Peak Month (December) (MTh) | 1,856                | 0                    | 361                   | 0             | 1,856                                | 361        | 2,217   | 4,941          | 70,525             |   |   |   |
| 31 |   | Peak Day (see note a/ below) (MTh)    | 60                   | 0                    | 12                    | 0             | 60                                   | 12         | 72      | 159            | 4,232              |   |   |   |
| 32 |   | % -Cust/Mtrs:                         |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 33 |   | Number of Customers                   | 73                   | 0                    | 1                     | 0             | 73                                   | 1          | 74      | 122            | 939,993            |   |   |   |
| 34 | <b>CUMULATIVE (Calc'd from DIRECT %'s)</b>                                    |                                       |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 35 | Transmission  | % -Load:                              |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 36 |   | Average Year Throughput (MTh)         | 31,429               | 0                    | 40,227                | 225,945       | 31,429                               | 266,171    | 297,600 | 346,902        | 819,598            |   |   |   |
| 37 |   | Cold Year Throughput (1-in-35) (MTh)  | 31,429               | 0                    | 40,227                | 225,945       | 31,429                               | 266,171    | 297,600 | 346,902        | 853,570            |   |   |   |
| 38 |   | Cold Year Peak Month (December) (MTh) | 2,611                | 0                    | 3,342                 | 19,867        | 2,611                                | 23,209     | 25,820  | 29,941         | 96,784             |   |   |   |
| 39 |   | Peak Day (see note a/ below) (MTh)    | 84                   | 0                    | 108                   | 828           | 84                                   | 936        | 1,020   | 1,153          | 5,272              |   |   |   |
| 40 |   | % -Cust/Mtrs:                         |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 41 |   | Number of Customers                   | 80                   | 3                    | 5                     | 10            | 83                                   | 15         | 98      | 156            | 940,039            |   |   |   |
| 42 | High Pressure   | % -Load:                              |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 43 |   | Average Year Throughput (MTh)         | 31,429               | 0                    | 40,227                | 0             | 31,429                               | 40,227     | 71,656  | 106,993        | 579,689            |   |   |   |
| 44 |   | Cold Year Throughput (1-in-35) (MTh)  | 31,429               | 0                    | 40,227                | 0             | 31,429                               | 40,227     | 71,656  | 106,993        | 613,661            |   |   |   |
| 45 |   | Cold Year Peak Month (December) (MTh) | 2,611                | 0                    | 3,342                 | 0             | 2,611                                | 3,342      | 5,953   | 8,906          | 75,749             |   |   |   |
| 46 |   | Peak Day (see note a/ below) (MTh)    | 84                   | 0                    | 108                   | 0             | 84                                   | 108        | 192     | 287            | 4,407              |   |   |   |
| 47 |   | % -Cust/Mtrs:                         |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 48 |   | Number of Customers                   | 80                   | 0                    | 5                     | 0             | 80                                   | 5          | 85      | 138            | 940,021            |   |   |   |
| 49 | Medium Pressure   | % -Load:                              |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 50 |   | Average Year Throughput (MTh)         | 22,343               | 0                    | 4,342                 | 0             | 22,343                               | 4,342      | 26,685  | 59,276         | 518,546            |   |   |   |
| 51 |   | Cold Year Throughput (1-in-35) (MTh)  | 22,343               | 0                    | 4,342                 | 0             | 22,343                               | 4,342      | 26,685  | 59,276         | 552,407            |   |   |   |
| 52 |   | Cold Year Peak Month (December) (MTh) | 1,856                | 0                    | 361                   | 0             | 1,856                                | 361        | 2,217   | 4,941          | 70,525             |   |   |   |
| 53 |   | Peak Day (see note a/ below) (MTh)    | 60                   | 0                    | 12                    | 0             | 60                                   | 12         | 72      | 159            | 4,232              |   |   |   |
| 54 |   | % -Cust/Mtrs:                         |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |
| 55 |   | Number of Customers                   | 73                   | 0                    | 1                     | 0             | 73                                   | 1          | 74      | 122            | 939,993            |   |   |   |
| 56 | <b>Note: a/</b>   |                                       |                      |                      |                       |               |                                      |            |         |                |                    |   |   |   |

|     | A   | B       | C       | D       | E              | F                  | G           | H            | I             | J                        | K                      | L                       | M                                    | N                             | O                              | P                              | Q                               | R                       | S |
|-----|---|---------|---------|---------|----------------|--------------------|-------------|--------------|---------------|--------------------------|------------------------|-------------------------|--------------------------------------|-------------------------------|--------------------------------|--------------------------------|---------------------------------|-------------------------|---|
| 1   | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |         |         |         |                |                    |             |              |               |                          |                        |                         |                                      |                               |                                |                                |                                 |                         |   |
| 59  | <b>ANNUAL FORECAST DATA</b>   |         |         |         |                |                    |             |              |               |                          |                        |                         |                                      |                               |                                |                                |                                 |                         |   |
| 60  | <b>Nonresidential Core</b>  |         |         |         |                | <b>Total</b>       |             |              |               | <b>Noncore - C&amp;I</b> |                        |                         | <b>Noncore - Electric Generation</b> |                               |                                |                                |                                 |                         |   |
| 61  | <b>Average Year Throughput (Mth)</b>  |         |         |         |                | <b>Residential</b> | <b>GN-3</b> | <b>G-NGV</b> | <b>Core</b>   |                          | <b>C&amp;I (Dist.)</b> | <b>C&amp;I (Trans.)</b> | <b>C&amp;I (Total)</b>               | <b>EG-Dist. (&lt;3MMThms)</b> | <b>EG-Trans. (&lt;3MMThms)</b> | <b>EG-Dist. (&gt;=3MMThms)</b> | <b>EG-Trans. (&gt;=3MMThms)</b> | <b>EG (&lt;3MMThms)</b> |   |
| 62  | 2021  | 287,606 | 173,099 | 23,170  | <b>483,874</b> |                    | 36,139      | 14,282       | <b>50,421</b> | 31,693                   | 7,093                  | 37,466                  | 360,964                              | <b>38,787</b>                 |                                |                                |                                 |                         |   |
| 63  | 2022  | 283,648 | 178,289 | 23,552  | <b>485,489</b> |                    | 37,243      | 14,718       | <b>51,961</b> | 31,017                   | 0                      | 39,690                  | 333,503                              | <b>31,017</b>                 |                                |                                |                                 |                         |   |
| 64  | 2023  | 280,198 | 179,928 | 23,552  | <b>483,678</b> |                    | 35,524      | 14,039       | <b>49,562</b> | 31,621                   | 0                      | 40,473                  | 294,291                              | <b>31,621</b>                 |                                |                                |                                 |                         |   |
| 65  | 2024  | 276,297 | 179,786 | 23,552  | <b>479,635</b> |                    | 35,314      | 13,956       | <b>49,269</b> | 31,530                   | 0                      | 40,356                  | 247,664                              | <b>31,530</b>                 |                                |                                |                                 |                         |   |
| 66  | 2025  | 272,183 | 179,344 | 23,054  | <b>474,581</b> |                    | 35,289      | 13,946       | <b>49,234</b> | 31,409                   | 0                      | 40,201                  | 221,085                              | <b>31,409</b>                 |                                |                                |                                 |                         |   |
| 67  | 2026  | 268,752 | 178,649 | 23,054  | <b>470,455</b> |                    | 35,355      | 13,972       | <b>49,327</b> | 31,383                   | 0                      | 40,168                  | 219,476                              | <b>31,383</b>                 |                                |                                |                                 |                         |   |
| 68  | 2027  | 265,184 | 177,874 | 23,054  | <b>466,112</b> |                    | 35,391      | 13,986       | <b>49,378</b> | 31,393                   | 0                      | 40,181                  | 215,552                              | <b>31,393</b>                 |                                |                                |                                 |                         |   |
| 69  | 2028  | 261,528 | 177,043 | 23,054  | <b>461,625</b> |                    | 35,342      | 13,967       | <b>49,309</b> | 31,264                   | 0                      | 40,016                  | 202,109                              | <b>31,264</b>                 |                                |                                |                                 |                         |   |
| 70  |   |         |         |         |                |                    |             |              |               |                          |                        |                         |                                      |                               |                                |                                |                                 |                         |   |
| 71  |   |         |         |         |                |                    |             |              |               |                          |                        |                         |                                      |                               |                                |                                |                                 |                         |   |
| 72  | <b>Nonresidential Core</b>  |         |         |         |                | <b>Total</b>       |             |              |               | <b>Noncore - C&amp;I</b> |                        |                         | <b>Noncore - Electric Generation</b> |                               |                                |                                |                                 |                         |   |
| 73  | <b>Average Year Sales (Mth)</b>   |         |         |         |                | <b>Residential</b> | <b>GN-3</b> | <b>G-NGV</b> | <b>Core</b>   |                          | <b>C&amp;I (Dist.)</b> | <b>C&amp;I (Trans.)</b> | <b>C&amp;I (Total)</b>               | <b>EG-Dist. (&lt;3MMThms)</b> | <b>EG-Trans. (&lt;3MMThms)</b> | <b>EG-Dist. (&gt;=3MMThms)</b> | <b>EG-Trans. (&gt;=3MMThms)</b> | <b>EG (&lt;3MMThms)</b> |   |
| 75  | 2021  | 365     | 286,185 | 143,065 | 9,959          | <b>439,209</b>     |             | 0            | 0             | <b>0</b>                 | 0                      | 0                       | 0                                    | 0                             | 0                              | 0                              | 0                               | <b>0</b>                |   |
| 76  | 2022  | 365     | 282,247 | 147,354 | 9,325          | <b>438,927</b>     |             | 0            | 0             | <b>0</b>                 | 0                      | 0                       | 0                                    | 0                             | 0                              | 0                              | 0                               | <b>0</b>                |   |
| 77  | 2023  | 365     | 278,814 | 148,709 | 9,325          | <b>436,848</b>     |             | 0            | 0             | <b>0</b>                 | 0                      | 0                       | 0                                    | 0                             | 0                              | 0                              | 0                               | <b>0</b>                |   |
| 78  | 2024  | 366     | 274,932 | 148,592 | 9,325          | <b>432,849</b>     |             | 0            | 0             | <b>0</b>                 | 0                      | 0                       | 0                                    | 0                             | 0                              | 0                              | 0                               | <b>0</b>                |   |
| 79  | 2025  | 365     | 270,839 | 148,226 | 8,827          | <b>427,892</b>     |             | 0            | 0             | <b>0</b>                 | 0                      | 0                       | 0                                    | 0                             | 0                              | 0                              | 0                               | <b>0</b>                |   |
| 80  | 2026  | 365     | 267,425 | 147,652 | 8,827          | <b>423,904</b>     |             | 0            | 0             | <b>0</b>                 | 0                      | 0                       | 0                                    | 0                             | 0                              | 0                              | 0                               | <b>0</b>                |   |
| 81  | 2027  | 365     | 263,874 | 147,011 | 8,827          | <b>419,712</b>     |             | 0            | 0             | <b>0</b>                 | 0                      | 0                       | 0                                    | 0                             | 0                              | 0                              | 0                               | <b>0</b>                |   |
| 82  | 2028  | 366     | 260,236 | 146,325 | 8,827          | <b>415,388</b>     |             | 0            | 0             | <b>0</b>                 | 0                      | 0                       | 0                                    | 0                             | 0                              | 0                              | 0                               | <b>0</b>                |   |
| 83  |   |         |         |         |                |                    |             |              |               |                          |                        |                         |                                      |                               |                                |                                |                                 |                         |   |
| 84  |   |         |         |         |                |                    |             |              |               |                          |                        |                         |                                      |                               |                                |                                |                                 |                         |   |
| 85  | <b>Nonresidential Core</b>  |         |         |         |                | <b>Total</b>       |             |              |               | <b>Noncore - C&amp;I</b> |                        |                         | <b>Noncore - Electric Generation</b> |                               |                                |                                |                                 |                         |   |
| 86  | <b>Cold Year Throughput (Mth)</b>   |         |         |         |                | <b>Residential</b> | <b>GN-3</b> | <b>G-NGV</b> | <b>Core</b>   |                          | <b>C&amp;I (Dist.)</b> | <b>C&amp;I (Trans.)</b> | <b>C&amp;I (Total)</b>               | <b>EG-Dist. (&lt;3MMThms)</b> | <b>EG-Trans. (&lt;3MMThms)</b> | <b>EG-Dist. (&gt;=3MMThms)</b> | <b>EG-Trans. (&gt;=3MMThms)</b> | <b>EG (&lt;3MMThms)</b> |   |
| 88  | 2021  | 315,815 | 178,994 | 23,170  | <b>517,979</b> |                    | 36,139      | 14,282       | <b>50,421</b> | 31,693                   | 7,093                  | 37,466                  | 360,964                              | <b>38,787</b>                 |                                |                                |                                 |                         |   |
| 89  | 2022  | 311,836 | 184,176 | 23,552  | <b>519,564</b> |                    | 37,243      | 14,718       | <b>51,961</b> | 31,017                   | 0                      | 39,690                  | 333,503                              | <b>31,017</b>                 |                                |                                |                                 |                         |   |
| 90  | 2023  | 308,365 | 185,806 | 23,552  | <b>517,723</b> |                    | 35,524      | 14,039       | <b>49,562</b> | 31,621                   | 0                      | 40,473                  | 294,291                              | <b>31,621</b>                 |                                |                                |                                 |                         |   |
| 91  | 2024  | 304,443 | 185,656 | 23,552  | <b>513,651</b> |                    | 35,314      | 13,956       | <b>49,269</b> | 31,530                   | 0                      | 40,356                  | 247,664                              | <b>31,530</b>                 |                                |                                |                                 |                         |   |
| 92  | 2025  | 300,308 | 185,206 | 23,054  | <b>508,567</b> |                    | 35,289      | 13,946       | <b>49,234</b> | 31,409                   | 0                      | 40,201                  | 221,085                              | <b>31,409</b>                 |                                |                                |                                 |                         |   |
| 93  | 2026  | 296,856 | 184,503 | 23,054  | <b>504,412</b> |                    | 35,355      | 13,972       | <b>49,327</b> | 31,383                   | 0                      | 40,168                  | 219,476                              | <b>31,383</b>                 |                                |                                |                                 |                         |   |
| 94  | 2027  | 293,266 | 183,719 | 23,054  | <b>500,040</b> |                    | 35,391      | 13,986       | <b>49,378</b> | 31,393                   | 0                      | 40,181                  | 215,552                              | <b>31,393</b>                 |                                |                                |                                 |                         |   |
| 95  | 2028  | 289,589 | 182,881 | 23,054  | <b>495,524</b> |                    | 35,342      | 13,967       | <b>49,309</b> | 31,264                   | 0                      | 40,016                  | 202,109                              | <b>31,264</b>                 |                                |                                |                                 |                         |   |
| 96  |   |         |         |         |                |                    |             |              |               |                          |                        |                         |                                      |                               |                                |                                |                                 |                         |   |
| 97  |   |         |         |         |                |                    |             |              |               |                          |                        |                         |                                      |                               |                                |                                |                                 |                         |   |
| 98  | <b>Nonresidential Core</b>  |         |         |         |                | <b>Total</b>       |             |              |               | <b>Noncore - C&amp;I</b> |                        |                         | <b>Noncore - Electric Generation</b> |                               |                                |                                |                                 |                         |   |
| 99  | <b>Specified Peak Day Throughput (Mth/Day)</b>                                |         |         |         |                | <b>Residential</b> | <b>GN-3</b> | <b>G-NGV</b> | <b>Core</b>   |                          | <b>C&amp;I (Dist.)</b> | <b>C&amp;I (Trans.)</b> | <b>C&amp;I (Total)</b>               | <b>EG-Dist. (&lt;3MMThms)</b> | <b>EG-Trans. (&lt;3MMThms)</b> | <b>EG-Dist. (&gt;=3MMThms)</b> | <b>EG-Trans. (&gt;=3MMThms)</b> | <b>EG (&lt;3MMThms)</b> |   |
| 100 | 2021  | 3,106   | 993     | 64.4    | <b>4,164</b>   |                    | 112         | 44           | <b>156</b>    | 90                       | 115                    | 112                     | 1,950                                | <b>205</b>                    |                                |                                |                                 |                         |   |
| 101 | 2022  | 3,091   | 1,012   | 65.3    | <b>4,168</b>   |                    | 97          | 38           | <b>135</b>    | 85                       | 0                      | 108                     | 1,007                                | <b>85</b>                     |                                |                                |                                 |                         |   |
| 102 | 2023  | 3,077   | 1,018   | 65.3    | <b>4,161</b>   |                    | 95          | 38           | <b>133</b>    | 85                       | 0                      | 108                     | 879                                  | <b>85</b>                     |                                |                                |                                 |                         |   |
| 103 | 2024  | 3,062   | 1,018   | 65.3    | <b>4,145</b>   |                    | 95          | 38           | <b>133</b>    | 85                       | 0                      | 108                     | 773                                  | <b>85</b>                     |                                |                                |                                 |                         |   |
| 104 | 2025  | 3,046   | 1,017   | 63.8    | <b>4,126</b>   |                    | 95          | 38           | <b>133</b>    | 84                       | 0                      | 108                     | 816                                  | <b>84</b>                     |                                |                                |                                 |                         |   |
| 105 | 2026  | 3,032   | 1,014   | 63.8    | <b>4,111</b>   |                    | 95          | 38           | <b>133</b>    | 84                       | 0                      | 108                     | 861                                  | <b>84</b>                     |                                |                                |                                 |                         |   |
| 106 | 2027  | 3,019   | 1,012   | 63.8    | <b>4,094</b>   |                    | 95          | 38           | <b>133</b>    | 84                       | 0                      | 108                     | 862                                  | <b>84</b>                     |                                |                                |                                 |                         |   |
| 107 | 2028  | 3,004   | 1,009   | 63.8    | <b>4,077</b>   |                    | 95          | 38           | <b>133</b>    | 84                       | 0                      | 107                     | 611                                  | <b>84</b>                     |                                |                                |                                 |                         |   |
| 108 |   |         |         |         |                |                    |             |              |               |                          |                        |                         |                                      |                               |                                |                                |                                 |                         |   |
| 109 |   |         |         |         |                |                    |             |              |               |                          |                        |                         |                                      |                               |                                |                                |                                 |                         |   |
| 110 | <b>Nonresidential Core</b>  |         |         |         |                | <b>Total</b>       |             |              |               | <b>Noncore - C&amp;I</b> |                        |                         | <b>Noncore - Electric Generation</b> |                               |                                |                                |                                 |                         |   |
| 111 | <b>Forecast Number of Customers</b>   |         |         |         |                | <b>Residential</b> | <b>GN-3</b> | <b>G-NGV</b> | <b>Core</b>   |                          | <b>C&amp;I (Dist.)</b> | <b>C&amp;I (Trans.)</b> | <b>C&amp;I (Total)</b>               | <b>EG-Dist. (&lt;3MMThms)</b> | <b>EG-Trans. (&lt;3MMThms)</b> | <b>EG-Dist. (&gt;=3MMThms)</b> | <b>EG-Trans. (&gt;=3MMThms)</b> | <b>EG (&lt;3MMThms)</b> |   |
| 113 | 2021  | 873,304 | 30,163  | 37      | <b>903,504</b> |                    | 53          | 5            | <b>58</b>     | 80                       | 3                      | 5                       | 10                                   | <b>83</b>                     |                                |                                |                                 |                         |   |
| 114 | 2022  | 880,418 | 30,319  | 37      | <b>910,774</b> |                    | 53          | 5            | <b>58</b>     | 80                       | 3                      | 5                       | 10                                   | <b>83</b>                     |                                |                                |                                 |                         |   |
| 115 | 2023  | 888,738 | 30,378  | 37      | <b>919,153</b> |                    | 53          | 5            | <b>58</b>     | 80                       | 3                      | 5                       | 10                                   | <b>83</b>                     |                                |                                |                                 |                         |   |
| 116 | 2024  | 896,990 | 30,424  | 37      | <b>927,451</b> |                    | 53          | 5            | <b>58</b>     | 80                       | 3                      | 5                       | 10                                   | <b>83</b>                     |                                |                                |                                 |                         |   |
| 117 | 2025  | 905,216 | 30,467  | 36      | <b>935,719</b> |                    | 53          | 5            | <b>58</b>     | 80                       | 3                      | 5                       | 10                                   | <b>83</b>                     |                                |                                |                                 |                         |   |
| 118 | 2026  | 913,509 | 30,510  | 36      | <b>944,055</b> |                    | 53          | 5            | <b>58</b>     | 80                       | 3                      | 5                       | 10                                   | <b>83</b>                     |                                |                                |                                 |                         |   |
| 119 | 2027  | 921,721 | 30,549  | 36      | <b>952,306</b> |                    | 53          | 5            | <b>58</b>     | 80                       | 3                      | 5                       | 10                                   | <b>83</b>                     |                                |                                |                                 |                         |   |
| 120 | 2028  | 929,784 | 30,585  | 36      | <b>960,405</b> |                    | 53          | 5            | <b>58</b>     | 80                       | 3                      | 5                       | 10                                   | <b>83</b>                     |                                |                                |                                 |                         |   |

|     | A   | B | C | D | E | T | U | V       | W           | X | Y | Z | AA | AB | AC |
|-----|---|---|---|---|---|---|---|---------|-------------|---|---|---|----|----|----|
| 1   | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 59  | <b>ANNUAL FORECAST DATA</b>   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 60  |   |   |   |   |   |   |   | Noncore | System-Wide |   |   |   |    |    |    |
| 61  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 62  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 63  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 64  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 65  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 66  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 67  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 68  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 69  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 70  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 71  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 72  |   |   |   |   |   |   |   | Noncore | System-Wide |   |   |   |    |    |    |
| 73  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 74  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 75  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 76  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 77  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 78  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 79  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 80  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 81  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 82  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 83  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 84  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 85  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 86  |   |   |   |   |   |   |   | Noncore | System-Wide |   |   |   |    |    |    |
| 87  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 88  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 89  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 90  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 91  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 92  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 93  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 94  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 95  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 96  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 97  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 98  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 99  |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 100 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 101 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 102 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 103 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 104 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 105 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 106 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 107 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 108 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 109 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 110 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 111 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 112 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 113 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 114 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 115 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 116 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 117 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 118 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 119 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |
| 120 |   |   |   |   |   |   |   |         |             |   |   |   |    |    |    |

|     | A   | B   | C           | D      | E     | F                   | G | H | I     | J             | K            | L            | M                       | N                    | O                    | P                     | Q | R |
|-----|---|-----|-------------|--------|-------|---------------------|---|---|-------|---------------|--------------|--------------|-------------------------|----------------------|----------------------|-----------------------|---|---|
| 1   | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |     |             |        |       |                     |   |   |       |               |              |              |                         |                      |                      |                       |   |   |
| 59  | <b>MONTHLY FORECAST DATA</b>  |     |             |        |       |                     |   |   |       |               |              |              |                         |                      |                      |                       |   |   |
| 60  |   |     |             |        |       | Nonresidential Core |   |   | Total | Noncore - C&I |              |              | Noncore - Electric Gene |                      |                      |                       |   |   |
| 62  |   |     | Residential | GN-3   | G-NGV | Core                |   |   |       | C&I (Dist.)   | C&I (Trans.) | C&I (Total)  | EG-Dist. (<3MMThms)     | EG-Trans. (<3MMThms) | EG-Dist. (>=3MMThms) | EG-Trans. (>=3MMThms) |   |   |
| 62  | 2021  | Jan | 39,303      | 18,960 | 2,002 | <b>60,266</b>       |   |   |       | 3,053         | 1,149        | <b>4,202</b> | 2,693                   | 228                  | 2,975                | 23,986                |   |   |
| 63  |   | Feb | 34,364      | 17,725 | 1,918 | <b>54,007</b>       |   |   |       | 2,843         | 1,181        | <b>4,024</b> | 2,345                   | 134                  | 2,966                | 13,367                |   |   |
| 64  |   | Mar | 31,541      | 16,673 | 1,301 | <b>49,516</b>       |   |   |       | 3,769         | 1,399        | <b>5,168</b> | 2,663                   | 434                  | 3,245                | 21,653                |   |   |
| 65  |   | Apr | 25,869      | 15,156 | 1,716 | <b>42,741</b>       |   |   |       | 3,498         | 1,303        | <b>4,801</b> | 2,692                   | 388                  | 2,233                | 20,296                |   |   |
| 66  |   | May | 19,148      | 12,920 | 1,897 | <b>33,964</b>       |   |   |       | 3,252         | 1,047        | <b>4,299</b> | 2,819                   | 323                  | 2,999                | 28,708                |   |   |
| 67  |   | Jun | 14,546      | 11,787 | 1,909 | <b>28,242</b>       |   |   |       | 3,081         | 1,320        | <b>4,401</b> | 2,561                   | 826                  | 2,983                | 31,867                |   |   |
| 68  |   | Jul | 13,800      | 11,359 | 2,222 | <b>27,381</b>       |   |   |       | 2,516         | 993          | <b>3,509</b> | 3,083                   | 1,368                | 3,528                | 45,075                |   |   |
| 69  |   | Aug | 13,729      | 11,260 | 2,030 | <b>27,019</b>       |   |   |       | 2,673         | 1,124        | <b>3,797</b> | 2,646                   | 692                  | 3,467                | 34,330                |   |   |
| 70  |   | Sep | 13,393      | 11,282 | 2,120 | <b>26,795</b>       |   |   |       | 2,608         | 617          | <b>3,225</b> | 2,817                   | 648                  | 3,441                | 31,373                |   |   |
| 71  |   | Oct | 16,118      | 11,994 | 2,024 | <b>30,136</b>       |   |   |       | 2,952         | 1,068        | <b>4,020</b> | 2,538                   | 376                  | 2,809                | 39,206                |   |   |
| 72  |   | Nov | 25,466      | 14,885 | 2,035 | <b>42,386</b>       |   |   |       | 2,813         | 1,339        | <b>4,151</b> | 2,341                   | 675                  | 3,252                | 37,961                |   |   |
| 73  |   | Dec | 40,330      | 19,096 | 1,995 | <b>61,421</b>       |   |   |       | 3,081         | 1,742        | <b>4,824</b> | 2,496                   | 1,001                | 3,568                | 33,143                |   |   |
| 74  |   |     |             |        |       |                     |   |   |       |               |              |              |                         |                      |                      |                       |   |   |
| 75  | 2022  | Jan | 38,707      | 19,519 | 2,030 | <b>60,256</b>       |   |   |       | 3,260         | 1,288        | <b>4,548</b> | 2,460                   | 0                    | 3,149                | 27,806                |   |   |
| 76  |   | Feb | 33,842      | 18,255 | 1,945 | <b>54,043</b>       |   |   |       | 3,257         | 1,287        | <b>4,544</b> | 2,529                   | 0                    | 3,237                | 24,362                |   |   |
| 77  |   | Mar | 31,080      | 17,166 | 1,335 | <b>49,581</b>       |   |   |       | 3,196         | 1,263        | <b>4,459</b> | 2,554                   | 0                    | 3,270                | 25,653                |   |   |
| 78  |   | Apr | 25,513      | 15,607 | 1,749 | <b>42,869</b>       |   |   |       | 3,173         | 1,254        | <b>4,427</b> | 2,603                   | 0                    | 3,332                | 24,377                |   |   |
| 79  |   | May | 18,904      | 13,310 | 1,923 | <b>34,136</b>       |   |   |       | 3,121         | 1,233        | <b>4,355</b> | 2,595                   | 0                    | 3,321                | 24,879                |   |   |
| 80  |   | Jun | 14,381      | 12,141 | 1,936 | <b>28,458</b>       |   |   |       | 3,108         | 1,228        | <b>4,337</b> | 2,638                   | 0                    | 3,377                | 25,888                |   |   |
| 81  |   | Jul | 13,648      | 11,703 | 2,270 | <b>27,622</b>       |   |   |       | 3,054         | 1,207        | <b>4,261</b> | 2,604                   | 0                    | 3,333                | 30,453                |   |   |
| 82  |   | Aug | 13,578      | 11,604 | 2,071 | <b>27,253</b>       |   |   |       | 3,027         | 1,196        | <b>4,223</b> | 2,596                   | 0                    | 3,322                | 32,896                |   |   |
| 83  |   | Sep | 13,245      | 11,627 | 2,149 | <b>27,022</b>       |   |   |       | 3,001         | 1,186        | <b>4,187</b> | 2,582                   | 0                    | 3,305                | 31,879                |   |   |
| 84  |   | Oct | 15,926      | 12,358 | 2,055 | <b>30,339</b>       |   |   |       | 3,024         | 1,195        | <b>4,219</b> | 2,608                   | 0                    | 3,338                | 29,223                |   |   |
| 85  |   | Nov | 25,115      | 15,334 | 2,066 | <b>42,515</b>       |   |   |       | 3,022         | 1,194        | <b>4,216</b> | 2,618                   | 0                    | 3,351                | 26,778                |   |   |
| 86  |   | Dec | 39,710      | 19,664 | 2,023 | <b>61,397</b>       |   |   |       | 3,000         | 1,186        | <b>4,186</b> | 2,629                   | 0                    | 3,355                | 29,309                |   |   |
| 87  |   |     |             |        |       |                     |   |   |       |               |              |              |                         |                      |                      |                       |   |   |
| 88  | 2023  | Jan | 38,180      | 19,686 | 2,030 | <b>59,897</b>       |   |   |       | 2,926         | 1,156        | <b>4,082</b> | 2,577                   | 0                    | 3,298                | 25,135                |   |   |
| 89  |   | Feb | 33,382      | 18,417 | 1,945 | <b>53,743</b>       |   |   |       | 2,971         | 1,174        | <b>4,145</b> | 2,620                   | 0                    | 3,353                | 21,843                |   |   |
| 90  |   | Mar | 30,674      | 17,317 | 1,335 | <b>49,325</b>       |   |   |       | 2,968         | 1,173        | <b>4,141</b> | 2,627                   | 0                    | 3,362                | 22,854                |   |   |
| 91  |   | Apr | 25,203      | 15,748 | 1,749 | <b>42,700</b>       |   |   |       | 2,978         | 1,177        | <b>4,155</b> | 2,658                   | 0                    | 3,402                | 21,223                |   |   |
| 92  |   | May | 18,694      | 13,436 | 1,923 | <b>34,052</b>       |   |   |       | 2,966         | 1,172        | <b>4,138</b> | 2,644                   | 0                    | 3,385                | 22,169                |   |   |
| 93  |   | Jun | 14,241      | 12,257 | 1,936 | <b>28,433</b>       |   |   |       | 2,984         | 1,179        | <b>4,164</b> | 2,686                   | 0                    | 3,438                | 22,869                |   |   |
| 94  |   | Jul | 13,521      | 11,818 | 2,270 | <b>27,608</b>       |   |   |       | 2,964         | 1,172        | <b>4,136</b> | 2,667                   | 0                    | 3,413                | 26,610                |   |   |
| 95  |   | Aug | 13,452      | 11,719 | 2,071 | <b>27,241</b>       |   |   |       | 2,951         | 1,166        | <b>4,117</b> | 2,644                   | 0                    | 3,384                | 28,212                |   |   |
| 96  |   | Sep | 13,121      | 11,743 | 2,149 | <b>27,013</b>       |   |   |       | 2,935         | 1,160        | <b>4,095</b> | 2,617                   | 0                    | 3,349                | 27,900                |   |   |
| 97  |   | Oct | 15,762      | 12,478 | 2,055 | <b>30,295</b>       |   |   |       | 2,960         | 1,170        | <b>4,129</b> | 2,624                   | 0                    | 3,359                | 25,919                |   |   |
| 98  |   | Nov | 24,808      | 15,476 | 2,066 | <b>42,350</b>       |   |   |       | 2,967         | 1,173        | <b>4,140</b> | 2,629                   | 0                    | 3,365                | 23,976                |   |   |
| 99  |   | Dec | 39,161      | 19,835 | 2,023 | <b>61,019</b>       |   |   |       | 2,953         | 1,167        | <b>4,120</b> | 2,628                   | 0                    | 3,363                | 25,580                |   |   |
| 100 |   |     |             |        |       |                     |   |   |       |               |              |              |                         |                      |                      |                       |   |   |
| 101 | 2024  | Jan | 37,592      | 19,657 | 2,030 | <b>59,279</b>       |   |   |       | 2,880         | 1,138        | <b>4,018</b> | 2,572                   | 0                    | 3,292                | 20,814                |   |   |
| 102 |   | Feb | 32,867      | 18,393 | 1,945 | <b>53,206</b>       |   |   |       | 2,933         | 1,159        | <b>4,093</b> | 2,614                   | 0                    | 3,345                | 19,467                |   |   |
| 103 |   | Mar | 30,218      | 17,296 | 1,335 | <b>48,849</b>       |   |   |       | 2,937         | 1,161        | <b>4,098</b> | 2,619                   | 0                    | 3,352                | 18,574                |   |   |
| 104 |   | Apr | 24,852      | 15,734 | 1,749 | <b>42,335</b>       |   |   |       | 2,953         | 1,167        | <b>4,120</b> | 2,649                   | 0                    | 3,390                | 17,203                |   |   |
| 105 |   | May | 18,454      | 13,429 | 1,923 | <b>33,806</b>       |   |   |       | 2,946         | 1,164        | <b>4,110</b> | 2,635                   | 0                    | 3,373                | 18,060                |   |   |
| 106 |   | Jun | 14,078      | 12,253 | 1,936 | <b>28,267</b>       |   |   |       | 2,969         | 1,173        | <b>4,142</b> | 2,677                   | 0                    | 3,427                | 19,005                |   |   |
| 107 |   | Jul | 13,372      | 11,816 | 2,270 | <b>27,458</b>       |   |   |       | 2,953         | 1,167        | <b>4,120</b> | 2,659                   | 0                    | 3,403                | 23,151                |   |   |
| 108 |   | Aug | 13,304      | 11,719 | 2,071 | <b>27,094</b>       |   |   |       | 2,942         | 1,163        | <b>4,105</b> | 2,636                   | 0                    | 3,374                | 23,739                |   |   |
| 109 |   | Sep | 12,977      | 11,743 | 2,149 | <b>26,869</b>       |   |   |       | 2,929         | 1,157        | <b>4,086</b> | 2,609                   | 0                    | 3,340                | 23,330                |   |   |
| 110 |   | Oct | 15,573      | 12,475 | 2,055 | <b>30,103</b>       |   |   |       | 2,956         | 1,168        | <b>4,125</b> | 2,618                   | 0                    | 3,351                | 22,249                |   |   |
| 111 |   | Nov | 24,462      | 15,464 | 2,066 | <b>41,992</b>       |   |   |       | 2,964         | 1,172        | <b>4,136</b> | 2,622                   | 0                    | 3,356                | 20,263                |   |   |
| 112 |   | Dec | 38,549      | 19,806 | 2,023 | <b>60,378</b>       |   |   |       | 2,951         | 1,166        | <b>4,117</b> | 2,620                   | 0                    | 3,353                | 21,810                |   |   |

|     | A   | B                   | C      | D      | E     | F             | G            | H           | I                             | J                    | K                    | L                     | M      | N | O | P | Q | R |  |
|-----|---|---------------------|--------|--------|-------|---------------|--------------|-------------|-------------------------------|----------------------|----------------------|-----------------------|--------|---|---|---|---|---|--|
| 1   | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |                     |        |        |       |               |              |             |                               |                      |                      |                       |        |   |   |   |   |   |  |
| 59  | <b>MONTHLY FORECAST DATA</b>  |                     |        |        |       |               |              |             |                               |                      |                      |                       |        |   |   |   |   |   |  |
| 60  |   | Nonresidential Core |        |        | Total | Noncore - C&I |              |             | Noncore - Electric Generation |                      |                      |                       |        |   |   |   |   |   |  |
| 113 |   | Residential         | GN-3   | G-NGV  | Core  | C&I (Dist.)   | C&I (Trans.) | C&I (Total) | EG-Dist. (<3MMThms)           | EG-Trans. (<3MMThms) | EG-Dist. (>=3MMThms) | EG-Trans. (>=3MMThms) |        |   |   |   |   |   |  |
| 114 | 2025  | Jan                 | 36,975 | 19,595 | 1,983 | 58,553        | 2,879        | 1,138       | 4,017                         | 2,568                | 0                    | 3,286                 | 19,675 |   |   |   |   |   |  |
| 115 |   | Feb                 | 32,327 | 18,339 | 1,900 | 52,566        | 2,933        | 1,159       | 4,092                         | 2,609                | 0                    | 3,339                 | 16,054 |   |   |   |   |   |  |
| 116 |   | Mar                 | 29,740 | 17,245 | 1,313 | 48,298        | 2,937        | 1,161       | 4,097                         | 2,613                | 0                    | 3,345                 | 16,256 |   |   |   |   |   |  |
| 117 |   | Apr                 | 24,482 | 15,693 | 1,714 | 41,890        | 2,952        | 1,167       | 4,118                         | 2,643                | 0                    | 3,382                 | 14,487 |   |   |   |   |   |  |
| 118 |   | May                 | 18,200 | 13,401 | 1,880 | 33,480        | 2,944        | 1,164       | 4,108                         | 2,627                | 0                    | 3,363                 | 15,881 |   |   |   |   |   |  |
| 119 |   | Jun                 | 13,904 | 12,230 | 1,894 | 28,028        | 2,967        | 1,172       | 4,139                         | 2,668                | 0                    | 3,414                 | 18,434 |   |   |   |   |   |  |
| 120 |   | Jul                 | 13,213 | 11,796 | 2,226 | 27,234        | 2,949        | 1,165       | 4,115                         | 2,646                | 0                    | 3,387                 | 21,357 |   |   |   |   |   |  |
| 121 |   | Aug                 | 13,146 | 11,700 | 2,030 | 26,876        | 2,939        | 1,161       | 4,100                         | 2,623                | 0                    | 3,358                 | 21,281 |   |   |   |   |   |  |
| 122 |   | Sep                 | 12,822 | 11,724 | 2,101 | 26,646        | 2,925        | 1,156       | 4,081                         | 2,596                | 0                    | 3,323                 | 19,884 |   |   |   |   |   |  |
| 123 |   | Oct                 | 15,371 | 12,452 | 2,012 | 29,835        | 2,953        | 1,167       | 4,119                         | 2,602                | 0                    | 3,331                 | 19,537 |   |   |   |   |   |  |
| 124 |   | Nov                 | 24,097 | 15,426 | 2,022 | 41,545        | 2,962        | 1,170       | 4,132                         | 2,608                | 0                    | 3,338                 | 18,122 |   |   |   |   |   |  |
| 125 |   | Dec                 | 37,907 | 19,743 | 1,979 | 59,629        | 2,949        | 1,165       | 4,114                         | 2,607                | 0                    | 3,336                 | 20,119 |   |   |   |   |   |  |
| 126 |   |                     |        |        |       |               |              |             |                               |                      |                      |                       |        |   |   |   |   |   |  |
| 127 | 2026  | Jan                 | 36,451 | 19,504 | 1,983 | 57,938        | 2,878        | 1,138       | 4,016                         | 2,556                | 0                    | 3,272                 | 18,358 |   |   |   |   |   |  |
| 128 |   | Feb                 | 31,869 | 18,257 | 1,900 | 52,026        | 2,934        | 1,159       | 4,093                         | 2,599                | 0                    | 3,326                 | 16,049 |   |   |   |   |   |  |
| 129 |   | Mar                 | 29,336 | 17,171 | 1,313 | 47,820        | 2,939        | 1,161       | 4,100                         | 2,605                | 0                    | 3,335                 | 16,711 |   |   |   |   |   |  |
| 130 |   | Apr                 | 24,174 | 15,632 | 1,714 | 41,519        | 2,955        | 1,168       | 4,123                         | 2,636                | 0                    | 3,374                 | 14,849 |   |   |   |   |   |  |
| 131 |   | May                 | 17,991 | 13,354 | 1,880 | 33,225        | 2,949        | 1,165       | 4,115                         | 2,623                | 0                    | 3,357                 | 14,830 |   |   |   |   |   |  |
| 132 |   | Jun                 | 13,765 | 12,191 | 1,894 | 27,849        | 2,972        | 1,175       | 4,147                         | 2,665                | 0                    | 3,411                 | 17,209 |   |   |   |   |   |  |
| 133 |   | Jul                 | 13,086 | 11,760 | 2,226 | 27,072        | 2,957        | 1,169       | 4,126                         | 2,648                | 0                    | 3,389                 | 20,931 |   |   |   |   |   |  |
| 134 |   | Aug                 | 13,020 | 11,665 | 2,030 | 26,715        | 2,947        | 1,165       | 4,111                         | 2,625                | 0                    | 3,360                 | 23,256 |   |   |   |   |   |  |
| 135 |   | Sep                 | 12,699 | 11,688 | 2,101 | 26,488        | 2,934        | 1,159       | 4,093                         | 2,598                | 0                    | 3,326                 | 21,506 |   |   |   |   |   |  |
| 136 |   | Oct                 | 15,208 | 12,411 | 2,012 | 29,631        | 2,962        | 1,171       | 4,133                         | 2,605                | 0                    | 3,335                 | 19,729 |   |   |   |   |   |  |
| 137 |   | Nov                 | 23,792 | 15,366 | 2,022 | 41,181        | 2,970        | 1,174       | 4,144                         | 2,611                | 0                    | 3,342                 | 17,227 |   |   |   |   |   |  |
| 138 |   | Dec                 | 37,361 | 19,651 | 1,979 | 58,992        | 2,956        | 1,168       | 4,125                         | 2,610                | 0                    | 3,341                 | 18,820 |   |   |   |   |   |  |
| 139 |   |                     |        |        |       |               |              |             |                               |                      |                      |                       |        |   |   |   |   |   |  |
| 140 | 2027  | Jan                 | 35,908 | 19,405 | 1,983 | 57,296        | 2,882        | 1,139       | 4,021                         | 2,560                | 0                    | 3,277                 | 18,285 |   |   |   |   |   |  |
| 141 |   | Feb                 | 31,394 | 18,167 | 1,900 | 51,461        | 2,938        | 1,161       | 4,099                         | 2,602                | 0                    | 3,331                 | 14,788 |   |   |   |   |   |  |
| 142 |   | Mar                 | 28,917 | 17,088 | 1,313 | 47,319        | 2,943        | 1,163       | 4,107                         | 2,608                | 0                    | 3,338                 | 16,513 |   |   |   |   |   |  |
| 143 |   | Apr                 | 23,853 | 15,563 | 1,714 | 41,130        | 2,961        | 1,170       | 4,131                         | 2,639                | 0                    | 3,377                 | 12,980 |   |   |   |   |   |  |
| 144 |   | May                 | 17,773 | 13,301 | 1,880 | 32,954        | 2,954        | 1,167       | 4,122                         | 2,625                | 0                    | 3,360                 | 14,513 |   |   |   |   |   |  |
| 145 |   | Jun                 | 13,619 | 12,146 | 1,894 | 27,658        | 2,977        | 1,176       | 4,153                         | 2,666                | 0                    | 3,413                 | 18,178 |   |   |   |   |   |  |
| 146 |   | Jul                 | 12,953 | 11,718 | 2,226 | 26,897        | 2,960        | 1,170       | 4,130                         | 2,648                | 0                    | 3,389                 | 21,505 |   |   |   |   |   |  |
| 147 |   | Aug                 | 12,888 | 11,624 | 2,030 | 26,542        | 2,949        | 1,165       | 4,114                         | 2,625                | 0                    | 3,360                 | 20,147 |   |   |   |   |   |  |
| 148 |   | Sep                 | 12,569 | 11,648 | 2,101 | 26,318        | 2,935        | 1,160       | 4,095                         | 2,598                | 0                    | 3,325                 | 22,430 |   |   |   |   |   |  |
| 149 |   | Oct                 | 15,038 | 12,365 | 2,012 | 29,414        | 2,963        | 1,171       | 4,134                         | 2,605                | 0                    | 3,334                 | 20,149 |   |   |   |   |   |  |
| 150 |   | Nov                 | 23,476 | 15,300 | 2,022 | 40,797        | 2,971        | 1,174       | 4,146                         | 2,610                | 0                    | 3,340                 | 17,344 |   |   |   |   |   |  |
| 151 |   | Dec                 | 36,796 | 19,550 | 1,979 | 58,325        | 2,957        | 1,169       | 4,126                         | 2,607                | 0                    | 3,337                 | 18,720 |   |   |   |   |   |  |
| 152 |   |                     |        |        |       |               |              |             |                               |                      |                      |                       |        |   |   |   |   |   |  |
| 153 | 2028  | Jan                 | 35,354 | 19,299 | 1,983 | 56,636        | 2,884        | 1,140       | 4,024                         | 2,555                | 0                    | 3,271                 | 17,224 |   |   |   |   |   |  |
| 154 |   | Feb                 | 30,909 | 18,072 | 1,900 | 50,881        | 2,939        | 1,161       | 4,100                         | 2,596                | 0                    | 3,323                 | 14,448 |   |   |   |   |   |  |
| 155 |   | Mar                 | 28,489 | 17,001 | 1,313 | 46,803        | 2,943        | 1,163       | 4,106                         | 2,601                | 0                    | 3,329                 | 14,116 |   |   |   |   |   |  |
| 156 |   | Apr                 | 23,524 | 15,489 | 1,714 | 40,727        | 2,958        | 1,169       | 4,127                         | 2,630                | 0                    | 3,366                 | 13,345 |   |   |   |   |   |  |
| 157 |   | May                 | 17,550 | 13,243 | 1,880 | 32,673        | 2,950        | 1,166       | 4,116                         | 2,615                | 0                    | 3,347                 | 13,862 |   |   |   |   |   |  |
| 158 |   | Jun                 | 13,468 | 12,097 | 1,894 | 27,459        | 2,972        | 1,174       | 4,146                         | 2,655                | 0                    | 3,399                 | 16,526 |   |   |   |   |   |  |
| 159 |   | Jul                 | 12,815 | 11,673 | 2,226 | 26,714        | 2,954        | 1,167       | 4,121                         | 2,635                | 0                    | 3,372                 | 19,016 |   |   |   |   |   |  |
| 160 |   | Aug                 | 12,751 | 11,580 | 2,030 | 26,361        | 2,943        | 1,163       | 4,106                         | 2,612                | 0                    | 3,343                 | 21,051 |   |   |   |   |   |  |
| 161 |   | Sep                 | 12,436 | 11,603 | 2,101 | 26,140        | 2,929        | 1,157       | 4,086                         | 2,585                | 0                    | 3,308                 | 19,730 |   |   |   |   |   |  |
| 162 |   | Oct                 | 14,862 | 12,315 | 2,012 | 29,189        | 2,957        | 1,168       | 4,125                         | 2,591                | 0                    | 3,317                 | 18,566 |   |   |   |   |   |  |
| 163 |   | Nov                 | 23,151 | 15,228 | 2,022 | 40,402        | 2,965        | 1,172       | 4,136                         | 2,596                | 0                    | 3,323                 | 16,437 |   |   |   |   |   |  |
| 164 |   | Dec                 | 36,219 | 19,443 | 1,979 | 57,642        | 2,951        | 1,166       | 4,117                         | 2,594                | 0                    | 3,320                 | 17,789 |   |   |   |   |   |  |

|     | A   | B | C | D | E | S | T | U | V | W | X | Y | Z | AA | AB | AC |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|----|
| 1   | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 59  | <b>MONTHLY FORECAST DATA</b>  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 60  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 62  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 63  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 64  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 65  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 66  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 67  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 68  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 69  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 70  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 71  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 72  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 73  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 74  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 75  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 76  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 77  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 78  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 79  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 80  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 81  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 82  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 83  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 84  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 85  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 86  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 87  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 88  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 89  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 90  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 91  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 92  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 93  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 94  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 95  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 96  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 97  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 98  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 99  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 100 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 101 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 102 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 103 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 104 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 105 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 106 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 107 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 108 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 109 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 110 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 111 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 112 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |

|     | A   | B   | C     | D      | E      | S      | T      | U   | V   | W     | X      | Y | Z | AA | AB | AC |
|-----|---|-----|-------|--------|--------|--------|--------|-----|-----|-------|--------|---|---|----|----|----|
| 1   | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |     |       |        |        |        |        |     |     |       |        |   |   |    |    |    |
| 59  | <b>MONTHLY FORECAST DATA</b>  |     |       |        |        |        |        |     |     |       |        |   |   |    |    |    |
| 60  |   |     |       |        |        |        |        |     |     |       |        |   |   |    |    |    |
| 113 |   |     |       |        |        |        |        |     |     |       |        |   |   |    |    |    |
| 114 | 2025  | Jan | 2,568 | 22,961 | 25,529 | 29,546 | 88,098 | 284 | 351 | 2,011 | 90,461 |   |   |    |    |    |
| 115 |   | Feb | 2,609 | 19,393 | 22,001 | 26,094 | 78,660 | 281 | 314 | 1,796 | 80,769 |   |   |    |    |    |
| 116 |   | Mar | 2,613 | 19,600 | 22,214 | 26,311 | 74,609 | 241 | 298 | 1,703 | 76,610 |   |   |    |    |    |
| 117 |   | Apr | 2,643 | 17,869 | 20,512 | 24,630 | 66,520 | 222 | 265 | 1,519 | 68,304 |   |   |    |    |    |
| 118 |   | May | 2,627 | 19,244 | 21,871 | 25,979 | 59,459 | 192 | 237 | 1,357 | 61,054 |   |   |    |    |    |
| 119 |   | Jun | 2,668 | 21,848 | 24,516 | 28,655 | 56,683 | 189 | 226 | 1,294 | 58,203 |   |   |    |    |    |
| 120 |   | Jul | 2,646 | 24,744 | 27,390 | 31,505 | 58,739 | 189 | 234 | 1,341 | 60,314 |   |   |    |    |    |
| 121 |   | Aug | 2,623 | 24,638 | 27,262 | 31,362 | 58,237 | 188 | 232 | 1,330 | 59,799 |   |   |    |    |    |
| 122 |   | Sep | 2,596 | 23,207 | 25,803 | 29,884 | 56,530 | 188 | 225 | 1,291 | 58,046 |   |   |    |    |    |
| 123 |   | Oct | 2,602 | 22,868 | 25,470 | 29,590 | 59,425 | 192 | 237 | 1,357 | 61,018 |   |   |    |    |    |
| 124 |   | Nov | 2,608 | 21,459 | 24,067 | 28,199 | 69,745 | 232 | 278 | 1,592 | 71,615 |   |   |    |    |    |
| 125 |   | Dec | 2,607 | 23,455 | 26,062 | 30,176 | 89,805 | 290 | 358 | 2,050 | 92,214 |   |   |    |    |    |
| 126 |   |     |       |        |        |        |        |     |     |       |        |   |   |    |    |    |
| 127 | 2026  | Jan | 2,556 | 21,630 | 24,187 | 28,202 | 86,140 | 278 | 344 | 1,967 | 88,451 |   |   |    |    |    |
| 128 |   | Feb | 2,599 | 19,376 | 21,975 | 26,068 | 78,093 | 279 | 311 | 1,783 | 80,188 |   |   |    |    |    |
| 129 |   | Mar | 2,605 | 20,046 | 22,651 | 26,752 | 74,571 | 241 | 297 | 1,702 | 76,571 |   |   |    |    |    |
| 130 |   | Apr | 2,636 | 18,223 | 20,859 | 24,982 | 66,502 | 222 | 265 | 1,518 | 68,285 |   |   |    |    |    |
| 131 |   | May | 2,623 | 18,188 | 20,811 | 24,926 | 58,150 | 188 | 232 | 1,328 | 59,710 |   |   |    |    |    |
| 132 |   | Jun | 2,665 | 20,621 | 23,286 | 27,433 | 55,283 | 184 | 220 | 1,262 | 56,765 |   |   |    |    |    |
| 133 |   | Jul | 2,648 | 24,320 | 26,967 | 31,093 | 58,165 | 188 | 232 | 1,328 | 59,725 |   |   |    |    |    |
| 134 |   | Aug | 2,625 | 26,616 | 29,242 | 33,353 | 60,068 | 194 | 240 | 1,371 | 61,679 |   |   |    |    |    |
| 135 |   | Sep | 2,598 | 24,832 | 27,431 | 31,523 | 58,011 | 193 | 231 | 1,324 | 59,567 |   |   |    |    |    |
| 136 |   | Oct | 2,605 | 23,063 | 25,668 | 29,802 | 59,433 | 192 | 237 | 1,357 | 61,027 |   |   |    |    |    |
| 137 |   | Nov | 2,611 | 20,569 | 23,180 | 27,324 | 68,505 | 228 | 273 | 1,564 | 70,342 |   |   |    |    |    |
| 138 |   | Dec | 2,610 | 22,161 | 24,772 | 28,897 | 87,888 | 284 | 350 | 2,006 | 90,245 |   |   |    |    |    |
| 139 |   |     |       |        |        |        |        |     |     |       |        |   |   |    |    |    |
| 140 | 2027  | Jan | 2,560 | 21,561 | 24,122 | 28,142 | 85,438 | 276 | 341 | 1,951 | 87,730 |   |   |    |    |    |
| 141 |   | Feb | 2,602 | 18,119 | 20,721 | 24,820 | 76,282 | 272 | 304 | 1,742 | 78,327 |   |   |    |    |    |
| 142 |   | Mar | 2,608 | 19,852 | 22,460 | 26,567 | 73,885 | 238 | 295 | 1,687 | 75,867 |   |   |    |    |    |
| 143 |   | Apr | 2,639 | 16,357 | 18,996 | 23,128 | 64,257 | 214 | 256 | 1,467 | 65,981 |   |   |    |    |    |
| 144 |   | May | 2,625 | 17,873 | 20,498 | 24,619 | 57,573 | 186 | 230 | 1,314 | 59,117 |   |   |    |    |    |
| 145 |   | Jun | 2,666 | 21,591 | 24,258 | 28,411 | 56,069 | 187 | 224 | 1,280 | 57,573 |   |   |    |    |    |
| 146 |   | Jul | 2,648 | 24,894 | 27,542 | 31,672 | 58,568 | 189 | 234 | 1,337 | 60,139 |   |   |    |    |    |
| 147 |   | Aug | 2,625 | 23,507 | 26,132 | 30,246 | 56,788 | 183 | 226 | 1,296 | 58,311 |   |   |    |    |    |
| 148 |   | Sep | 2,598 | 25,755 | 28,353 | 32,448 | 58,766 | 196 | 234 | 1,342 | 60,342 |   |   |    |    |    |
| 149 |   | Oct | 2,605 | 23,483 | 26,088 | 30,222 | 59,637 | 192 | 238 | 1,362 | 61,236 |   |   |    |    |    |
| 150 |   | Nov | 2,610 | 20,684 | 23,293 | 27,439 | 68,236 | 227 | 272 | 1,558 | 70,066 |   |   |    |    |    |
| 151 |   | Dec | 2,607 | 22,057 | 24,665 | 28,790 | 87,116 | 281 | 347 | 1,989 | 89,452 |   |   |    |    |    |
| 152 |   |     |       |        |        |        |        |     |     |       |        |   |   |    |    |    |
| 153 | 2028  | Jan | 2,555 | 20,495 | 23,050 | 27,074 | 83,710 | 270 | 334 | 1,911 | 85,955 |   |   |    |    |    |
| 154 |   | Feb | 2,596 | 17,770 | 20,366 | 24,466 | 75,348 | 260 | 300 | 1,720 | 77,368 |   |   |    |    |    |
| 155 |   | Mar | 2,601 | 17,445 | 20,045 | 24,151 | 70,954 | 229 | 283 | 1,620 | 72,856 |   |   |    |    |    |
| 156 |   | Apr | 2,630 | 16,711 | 19,341 | 23,467 | 64,194 | 214 | 256 | 1,466 | 65,916 |   |   |    |    |    |
| 157 |   | May | 2,615 | 17,209 | 19,824 | 23,939 | 56,612 | 183 | 226 | 1,292 | 58,130 |   |   |    |    |    |
| 158 |   | Jun | 2,655 | 19,925 | 22,580 | 26,726 | 54,185 | 181 | 216 | 1,237 | 55,638 |   |   |    |    |    |
| 159 |   | Jul | 2,635 | 22,388 | 25,023 | 29,144 | 55,858 | 180 | 223 | 1,275 | 57,356 |   |   |    |    |    |
| 160 |   | Aug | 2,612 | 24,394 | 27,006 | 31,111 | 57,473 | 185 | 229 | 1,312 | 59,014 |   |   |    |    |    |
| 161 |   | Sep | 2,585 | 23,038 | 25,623 | 29,709 | 55,849 | 186 | 223 | 1,275 | 57,346 |   |   |    |    |    |
| 162 |   | Oct | 2,591 | 21,882 | 24,474 | 28,599 | 57,787 | 186 | 230 | 1,319 | 59,337 |   |   |    |    |    |
| 163 |   | Nov | 2,596 | 19,759 | 22,355 | 26,492 | 66,893 | 223 | 267 | 1,527 | 68,687 |   |   |    |    |    |
| 164 |   | Dec | 2,594 | 21,109 | 23,703 | 27,820 | 85,461 | 276 | 341 | 1,951 | 87,753 |   |   |    |    |    |



|     | A   | B   | C  | D      | E      | F                   | G      | H     | I     | J             | K | L            | M           | N |
|-----|---|-----|----|--------|--------|---------------------|--------|-------|-------|---------------|---|--------------|-------------|---|
| 1   | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |     |    |        |        |                     |        |       |       |               |   |              |             |   |
| 167 | <b>MONTHLY FORECAST DATA</b>  |     |    |        |        | Nonresidential Core |        |       | Total | Noncore - C&I |   |              |             |   |
| 168 |   |     |    |        |        | Residential         | GN-3   | G-NGV | Core  | C&I (Dist.)   |   | C&I (Trans.) | C&I (Total) |   |
| 169 | <b>Average Year Sales (Mth)</b>   |     |    |        |        |                     |        |       |       |               |   |              |             |   |
| 170 | 2021  | Jan | 31 | 39,109 | 15,671 | 923                 | 55,702 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 171 |   | Feb | 28 | 34,194 | 14,650 | 881                 | 49,725 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 172 |   | Mar | 31 | 31,385 | 13,780 | 454                 | 45,619 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 173 |   | Apr | 30 | 25,741 | 12,527 | 699                 | 38,967 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 174 |   | May | 31 | 19,053 | 10,678 | 856                 | 30,587 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 175 |   | Jun | 30 | 14,474 | 9,742  | 848                 | 25,065 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 176 |   | Jul | 31 | 13,732 | 9,388  | 875                 | 23,995 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 177 |   | Aug | 31 | 13,661 | 9,306  | 819                 | 23,785 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 178 |   | Sep | 30 | 13,326 | 9,324  | 960                 | 23,611 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 179 |   | Oct | 31 | 16,038 | 9,913  | 878                 | 26,830 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 180 |   | Nov | 30 | 25,340 | 12,302 | 883                 | 38,526 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 181 |   | Dec | 31 | 40,131 | 15,782 | 883                 | 56,796 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 182 |   |     |    |        |        |                     |        |       |       |               |   |              |             |   |
| 183 | 2022  | Jan | 31 | 38,516 | 16,133 | 868                 | 55,516 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 184 |   | Feb | 28 | 33,675 | 15,088 | 828                 | 49,591 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 185 |   | Mar | 31 | 30,926 | 14,188 | 422                 | 45,536 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 186 |   | Apr | 30 | 25,387 | 12,899 | 654                 | 38,940 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 187 |   | May | 31 | 18,811 | 11,000 | 802                 | 30,613 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 188 |   | Jun | 30 | 14,310 | 10,034 | 794                 | 25,138 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 189 |   | Jul | 31 | 13,581 | 9,673  | 819                 | 24,073 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 190 |   | Aug | 31 | 13,511 | 9,591  | 766                 | 23,867 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 191 |   | Sep | 30 | 13,180 | 9,610  | 899                 | 23,689 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 192 |   | Oct | 31 | 15,847 | 10,214 | 821                 | 26,882 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 193 |   | Nov | 30 | 24,991 | 12,673 | 826                 | 38,490 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 194 |   | Dec | 31 | 39,514 | 16,252 | 825                 | 56,591 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 195 |   |     |    |        |        |                     |        |       |       |               |   |              |             |   |
| 196 | 2023  | Jan | 31 | 37,992 | 16,271 | 868                 | 55,130 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 197 |   | Feb | 28 | 33,217 | 15,221 | 828                 | 49,266 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 198 |   | Mar | 31 | 30,522 | 14,312 | 422                 | 45,256 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 199 |   | Apr | 30 | 25,078 | 13,015 | 654                 | 38,748 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 200 |   | May | 31 | 18,602 | 11,105 | 802                 | 30,508 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 201 |   | Jun | 30 | 14,170 | 10,130 | 794                 | 25,094 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 202 |   | Jul | 31 | 13,454 | 9,767  | 819                 | 24,040 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 203 |   | Aug | 31 | 13,385 | 9,686  | 766                 | 23,837 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 204 |   | Sep | 30 | 13,057 | 9,705  | 899                 | 23,661 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 205 |   | Oct | 31 | 15,684 | 10,313 | 821                 | 26,818 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 206 |   | Nov | 30 | 24,686 | 12,790 | 826                 | 38,303 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 207 |   | Dec | 31 | 38,968 | 16,393 | 825                 | 56,186 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 208 |   |     |    |        |        |                     |        |       |       |               |   |              |             |   |
| 209 | 2024  | Jan | 31 | 37,406 | 16,247 | 868                 | 54,521 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 210 |   | Feb | 29 | 32,705 | 15,202 | 828                 | 48,735 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 211 |   | Mar | 31 | 30,069 | 14,295 | 422                 | 44,786 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 212 |   | Apr | 30 | 24,729 | 13,004 | 654                 | 38,387 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 213 |   | May | 31 | 18,363 | 11,099 | 802                 | 30,264 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 214 |   | Jun | 30 | 14,008 | 10,127 | 794                 | 24,929 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 215 |   | Jul | 31 | 13,306 | 9,766  | 819                 | 23,891 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 216 |   | Aug | 31 | 13,238 | 9,686  | 766                 | 23,690 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 217 |   | Sep | 30 | 12,913 | 9,705  | 899                 | 23,517 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 218 |   | Oct | 31 | 15,496 | 10,311 | 821                 | 26,628 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 219 |   | Nov | 30 | 24,341 | 12,781 | 826                 | 37,948 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |
| 220 |   | Dec | 31 | 38,359 | 16,370 | 825                 | 55,553 | 0     | 0     | 0             | 0 | 0            | 0           | 0 |

|     | A   | B   | C  | D | E | F                  | G                          | H            | I | J            | K | L                        | M                       | N                      |
|-----|---|-----|----|---|---|--------------------|----------------------------|--------------|---|--------------|---|--------------------------|-------------------------|------------------------|
| 1   | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |     |    |   |   |                    |                            |              |   |              |   |                          |                         |                        |
| 167 | <b><u>MONTHLY FORECAST DATA</u></b>   |     |    |   |   |                    |                            |              |   |              |   |                          |                         |                        |
| 168 |   |     |    |   |   |                    | <u>Nonresidential Core</u> |              |   | <u>Total</u> |   | <u>Noncore - C&amp;I</u> |                         |                        |
| 169 | <u>Average Year Sales (Mth)</u>   |     |    |   |   | <u>Residential</u> | <u>GN-3</u>                | <u>G-NGV</u> |   | <u>Core</u>  |   | <u>C&amp;I (Dist.)</u>   | <u>C&amp;I (Trans.)</u> | <u>C&amp;I (Total)</u> |
| 221 |   |     |    |   |   |                    |                            |              |   |              |   |                          |                         |                        |
| 222 | 2025  | Jan | 31 |   |   | 36,792             | 16,195                     | 821          |   | 53,808       |   | 0                        | 0                       | 0                      |
| 223 |   | Feb | 28 |   |   | 32,167             | 15,157                     | 784          |   | 48,107       |   | 0                        | 0                       | 0                      |
| 224 |   | Mar | 31 |   |   | 29,593             | 14,253                     | 400          |   | 44,246       |   | 0                        | 0                       | 0                      |
| 225 |   | Apr | 30 |   |   | 24,361             | 12,971                     | 619          |   | 37,951       |   | 0                        | 0                       | 0                      |
| 226 |   | May | 31 |   |   | 18,110             | 11,076                     | 759          |   | 29,945       |   | 0                        | 0                       | 0                      |
| 227 |   | Jun | 30 |   |   | 13,835             | 10,108                     | 752          |   | 24,695       |   | 0                        | 0                       | 0                      |
| 228 |   | Jul | 31 |   |   | 13,147             | 9,749                      | 775          |   | 23,672       |   | 0                        | 0                       | 0                      |
| 229 |   | Aug | 31 |   |   | 13,081             | 9,670                      | 725          |   | 23,476       |   | 0                        | 0                       | 0                      |
| 230 |   | Sep | 30 |   |   | 12,759             | 9,690                      | 851          |   | 23,299       |   | 0                        | 0                       | 0                      |
| 231 |   | Oct | 31 |   |   | 15,295             | 10,291                     | 778          |   | 26,364       |   | 0                        | 0                       | 0                      |
| 232 |   | Nov | 30 |   |   | 23,978             | 12,749                     | 782          |   | 37,510       |   | 0                        | 0                       | 0                      |
| 233 |   | Dec | 31 |   |   | 37,720             | 16,317                     | 781          |   | 54,819       |   | 0                        | 0                       | 0                      |
| 234 |   |     |    |   |   |                    |                            |              |   |              |   |                          |                         |                        |
| 235 | 2026  | Jan | 31 |   |   | 36,271             | 16,120                     | 821          |   | 53,211       |   | 0                        | 0                       | 0                      |
| 236 |   | Feb | 28 |   |   | 31,711             | 15,089                     | 784          |   | 47,584       |   | 0                        | 0                       | 0                      |
| 237 |   | Mar | 31 |   |   | 29,191             | 14,191                     | 400          |   | 43,783       |   | 0                        | 0                       | 0                      |
| 238 |   | Apr | 30 |   |   | 24,054             | 12,919                     | 619          |   | 37,593       |   | 0                        | 0                       | 0                      |
| 239 |   | May | 31 |   |   | 17,902             | 11,037                     | 759          |   | 29,698       |   | 0                        | 0                       | 0                      |
| 240 |   | Jun | 30 |   |   | 13,697             | 10,076                     | 752          |   | 24,524       |   | 0                        | 0                       | 0                      |
| 241 |   | Jul | 31 |   |   | 13,021             | 9,719                      | 775          |   | 23,516       |   | 0                        | 0                       | 0                      |
| 242 |   | Aug | 31 |   |   | 12,956             | 9,641                      | 725          |   | 23,322       |   | 0                        | 0                       | 0                      |
| 243 |   | Sep | 30 |   |   | 12,636             | 9,660                      | 851          |   | 23,148       |   | 0                        | 0                       | 0                      |
| 244 |   | Oct | 31 |   |   | 15,133             | 10,258                     | 778          |   | 26,169       |   | 0                        | 0                       | 0                      |
| 245 |   | Nov | 30 |   |   | 23,675             | 12,700                     | 782          |   | 37,157       |   | 0                        | 0                       | 0                      |
| 246 |   | Dec | 31 |   |   | 37,177             | 16,241                     | 781          |   | 54,199       |   | 0                        | 0                       | 0                      |
| 247 |   |     |    |   |   |                    |                            |              |   |              |   |                          |                         |                        |
| 248 | 2027  | Jan | 31 |   |   | 35,731             | 16,038                     | 821          |   | 52,589       |   | 0                        | 0                       | 0                      |
| 249 |   | Feb | 28 |   |   | 31,239             | 15,015                     | 784          |   | 47,037       |   | 0                        | 0                       | 0                      |
| 250 |   | Mar | 31 |   |   | 28,774             | 14,123                     | 400          |   | 43,298       |   | 0                        | 0                       | 0                      |
| 251 |   | Apr | 30 |   |   | 23,735             | 12,862                     | 619          |   | 37,217       |   | 0                        | 0                       | 0                      |
| 252 |   | May | 31 |   |   | 17,686             | 10,993                     | 759          |   | 29,438       |   | 0                        | 0                       | 0                      |
| 253 |   | Jun | 30 |   |   | 13,551             | 10,039                     | 752          |   | 24,341       |   | 0                        | 0                       | 0                      |
| 254 |   | Jul | 31 |   |   | 12,889             | 9,685                      | 775          |   | 23,349       |   | 0                        | 0                       | 0                      |
| 255 |   | Aug | 31 |   |   | 12,824             | 9,607                      | 725          |   | 23,157       |   | 0                        | 0                       | 0                      |
| 256 |   | Sep | 30 |   |   | 12,507             | 9,627                      | 851          |   | 22,985       |   | 0                        | 0                       | 0                      |
| 257 |   | Oct | 31 |   |   | 14,963             | 10,220                     | 778          |   | 25,961       |   | 0                        | 0                       | 0                      |
| 258 |   | Nov | 30 |   |   | 23,360             | 12,645                     | 782          |   | 36,787       |   | 0                        | 0                       | 0                      |
| 259 |   | Dec | 31 |   |   | 36,615             | 16,158                     | 781          |   | 53,554       |   | 0                        | 0                       | 0                      |
| 260 |   |     |    |   |   |                    |                            |              |   |              |   |                          |                         |                        |
| 261 | 2028  | Jan | 31 |   |   | 35,179             | 15,951                     | 821          |   | 51,951       |   | 0                        | 0                       | 0                      |
| 262 |   | Feb | 29 |   |   | 30,756             | 14,936                     | 784          |   | 46,476       |   | 0                        | 0                       | 0                      |
| 263 |   | Mar | 31 |   |   | 28,348             | 14,051                     | 400          |   | 42,799       |   | 0                        | 0                       | 0                      |
| 264 |   | Apr | 30 |   |   | 23,408             | 12,801                     | 619          |   | 36,828       |   | 0                        | 0                       | 0                      |
| 265 |   | May | 31 |   |   | 17,463             | 10,946                     | 759          |   | 29,168       |   | 0                        | 0                       | 0                      |
| 266 |   | Jun | 30 |   |   | 13,401             | 9,998                      | 752          |   | 24,151       |   | 0                        | 0                       | 0                      |
| 267 |   | Jul | 31 |   |   | 12,752             | 9,647                      | 775          |   | 23,175       |   | 0                        | 0                       | 0                      |
| 268 |   | Aug | 31 |   |   | 12,688             | 9,571                      | 725          |   | 22,984       |   | 0                        | 0                       | 0                      |
| 269 |   | Sep | 30 |   |   | 12,374             | 9,590                      | 851          |   | 22,816       |   | 0                        | 0                       | 0                      |
| 270 |   | Oct | 31 |   |   | 14,789             | 10,178                     | 778          |   | 25,744       |   | 0                        | 0                       | 0                      |
| 271 |   | Nov | 30 |   |   | 23,037             | 12,586                     | 782          |   | 36,405       |   | 0                        | 0                       | 0                      |
| 272 |   | Dec | 31 |   |   | 36,040             | 16,070                     | 781          |   | 52,891       |   | 0                        | 0                       | 0                      |

|     | A   | B   | C  | D | E | O                             | P                    | Q                    | R                     | S             | T              | U          | V           | W                 | X       | Y |
|-----|---|-----|----|---|---|-------------------------------|----------------------|----------------------|-----------------------|---------------|----------------|------------|-------------|-------------------|---------|---|
| 1   | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |     |    |   |   |                               |                      |                      |                       |               |                |            |             |                   |         |   |
| 167 | <b>MONTHLY FORECAST DATA</b>  |     |    |   |   |                               |                      |                      |                       |               |                |            |             |                   |         |   |
| 168 |   |     |    |   |   | Noncore - Electric Generation |                      |                      |                       |               |                | Noncore    | System-Wide | System Total      |         |   |
| 169 | <b>Average Year Sales (Mth)</b>   |     |    |   |   | EG-Dist. (<3MMThms)           | EG-Trans. (<3MMThms) | EG-Dist. (>=3MMThms) | EG-Trans. (>=3MMThms) | EG (<3MMThms) | EG (>=3MMThms) | EG (Total) | Total       | Total End-Use Dmd | (Mth/d) |   |
| 170 | 2021  | Jan | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 55,702            | 180     |   |
| 171 |   | Feb | 28 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 49,725            | 178     |   |
| 172 |   | Mar | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 45,619            | 147     |   |
| 173 |   | Apr | 30 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 38,967            | 130     |   |
| 174 |   | May | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 30,587            | 99      |   |
| 175 |   | Jun | 30 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 25,065            | 84      |   |
| 176 |   | Jul | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 23,995            | 77      |   |
| 177 |   | Aug | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 23,785            | 77      |   |
| 178 |   | Sep | 30 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 23,611            | 79      |   |
| 179 |   | Oct | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 26,830            | 87      |   |
| 180 |   | Nov | 30 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 38,526            | 128     |   |
| 181 |   | Dec | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 56,796            | 183     |   |
| 182 |   |     |    |   |   |                               |                      |                      |                       |               |                |            |             |                   |         |   |
| 183 | 2022  | Jan | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 55,516            | 179     |   |
| 184 |   | Feb | 28 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 49,591            | 177     |   |
| 185 |   | Mar | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 45,536            | 147     |   |
| 186 |   | Apr | 30 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 38,940            | 130     |   |
| 187 |   | May | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 30,613            | 99      |   |
| 188 |   | Jun | 30 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 25,138            | 84      |   |
| 189 |   | Jul | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 24,073            | 78      |   |
| 190 |   | Aug | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 23,867            | 77      |   |
| 191 |   | Sep | 30 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 23,689            | 79      |   |
| 192 |   | Oct | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 26,882            | 87      |   |
| 193 |   | Nov | 30 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 38,490            | 128     |   |
| 194 |   | Dec | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 56,591            | 183     |   |
| 195 |   |     |    |   |   |                               |                      |                      |                       |               |                |            |             |                   |         |   |
| 196 | 2023  | Jan | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 55,130            | 178     |   |
| 197 |   | Feb | 28 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 49,266            | 176     |   |
| 198 |   | Mar | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 45,256            | 146     |   |
| 199 |   | Apr | 30 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 38,748            | 129     |   |
| 200 |   | May | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 30,508            | 98      |   |
| 201 |   | Jun | 30 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 25,094            | 84      |   |
| 202 |   | Jul | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 24,040            | 78      |   |
| 203 |   | Aug | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 23,837            | 77      |   |
| 204 |   | Sep | 30 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 23,661            | 79      |   |
| 205 |   | Oct | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 26,818            | 87      |   |
| 206 |   | Nov | 30 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 38,303            | 128     |   |
| 207 |   | Dec | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 56,186            | 181     |   |
| 208 |   |     |    |   |   |                               |                      |                      |                       |               |                |            |             |                   |         |   |
| 209 | 2024  | Jan | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 54,521            | 176     |   |
| 210 |   | Feb | 29 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 48,735            | 168     |   |
| 211 |   | Mar | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 44,786            | 144     |   |
| 212 |   | Apr | 30 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 38,387            | 128     |   |
| 213 |   | May | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 30,264            | 98      |   |
| 214 |   | Jun | 30 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 24,929            | 83      |   |
| 215 |   | Jul | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 23,891            | 77      |   |
| 216 |   | Aug | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 23,690            | 76      |   |
| 217 |   | Sep | 30 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 23,517            | 78      |   |
| 218 |   | Oct | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 26,628            | 86      |   |
| 219 |   | Nov | 30 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 37,948            | 126     |   |
| 220 |   | Dec | 31 |   |   | 0                             | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0           | 55,553            | 179     |   |

|     | A   | B   | C  | D | E                   | O                    | P                    | Q                     | R             | S              | T          | U       | V                 | W            | X | Y |
|-----|---|-----|----|---|---------------------|----------------------|----------------------|-----------------------|---------------|----------------|------------|---------|-------------------|--------------|---|---|
| 1   | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |     |    |   |                     |                      |                      |                       |               |                |            |         |                   |              |   |   |
| 167 | <b>MONTHLY FORECAST DATA</b>  |     |    |   |                     |                      |                      |                       |               |                |            |         |                   |              |   |   |
| 168 | Noncore - Electric Generation   |     |    |   |                     |                      |                      |                       |               |                |            | Noncore | System-Wide       | System Total |   |   |
| 169 | Average Year Sales (Mth)  |     |    |   | EG-Dist. (<3MMThms) | EG-Trans. (<3MMThms) | EG-Dist. (>=3MMThms) | EG-Trans. (>=3MMThms) | EG (<3MMThms) | EG (>=3MMThms) | EG (Total) | Total   | Total End-Use Dmd | (Mth/d)      |   |   |
| 221 |   |     |    |   |                     |                      |                      |                       |               |                |            |         |                   |              |   |   |
| 222 | 2025  | Jan | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 53,808            | 174          |   |   |
| 223 |   | Feb | 28 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 48,107            | 172          |   |   |
| 224 |   | Mar | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 44,246            | 143          |   |   |
| 225 |   | Apr | 30 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 37,951            | 127          |   |   |
| 226 |   | May | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 29,945            | 97           |   |   |
| 227 |   | Jun | 30 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 24,695            | 82           |   |   |
| 228 |   | Jul | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 23,672            | 76           |   |   |
| 229 |   | Aug | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 23,476            | 76           |   |   |
| 230 |   | Sep | 30 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 23,299            | 78           |   |   |
| 231 |   | Oct | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 26,364            | 85           |   |   |
| 232 |   | Nov | 30 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 37,510            | 125          |   |   |
| 233 |   | Dec | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 54,819            | 177          |   |   |
| 234 |   |     |    |   |                     |                      |                      |                       |               |                |            |         |                   |              |   |   |
| 235 | 2026  | Jan | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 53,211            | 172          |   |   |
| 236 |   | Feb | 28 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 47,584            | 170          |   |   |
| 237 |   | Mar | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 43,783            | 141          |   |   |
| 238 |   | Apr | 30 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 37,593            | 125          |   |   |
| 239 |   | May | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 29,698            | 96           |   |   |
| 240 |   | Jun | 30 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 24,524            | 82           |   |   |
| 241 |   | Jul | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 23,516            | 76           |   |   |
| 242 |   | Aug | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 23,322            | 75           |   |   |
| 243 |   | Sep | 30 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 23,148            | 77           |   |   |
| 244 |   | Oct | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 26,169            | 84           |   |   |
| 245 |   | Nov | 30 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 37,157            | 124          |   |   |
| 246 |   | Dec | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 54,199            | 175          |   |   |
| 247 |   |     |    |   |                     |                      |                      |                       |               |                |            |         |                   |              |   |   |
| 248 | 2027  | Jan | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 52,589            | 170          |   |   |
| 249 |   | Feb | 28 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 47,037            | 168          |   |   |
| 250 |   | Mar | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 43,298            | 140          |   |   |
| 251 |   | Apr | 30 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 37,217            | 124          |   |   |
| 252 |   | May | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 29,438            | 95           |   |   |
| 253 |   | Jun | 30 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 24,341            | 81           |   |   |
| 254 |   | Jul | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 23,349            | 75           |   |   |
| 255 |   | Aug | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 23,157            | 75           |   |   |
| 256 |   | Sep | 30 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 22,985            | 77           |   |   |
| 257 |   | Oct | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 25,961            | 84           |   |   |
| 258 |   | Nov | 30 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 36,787            | 123          |   |   |
| 259 |   | Dec | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 53,554            | 173          |   |   |
| 260 |   |     |    |   |                     |                      |                      |                       |               |                |            |         |                   |              |   |   |
| 261 | 2028  | Jan | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 51,951            | 168          |   |   |
| 262 |   | Feb | 29 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 46,476            | 160          |   |   |
| 263 |   | Mar | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 42,799            | 138          |   |   |
| 264 |   | Apr | 30 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 36,828            | 123          |   |   |
| 265 |   | May | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 29,168            | 94           |   |   |
| 266 |   | Jun | 30 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 24,151            | 81           |   |   |
| 267 |   | Jul | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 23,175            | 75           |   |   |
| 268 |   | Aug | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 22,984            | 74           |   |   |
| 269 |   | Sep | 30 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 22,816            | 76           |   |   |
| 270 |   | Oct | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 25,744            | 83           |   |   |
| 271 |   | Nov | 30 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 36,405            | 121          |   |   |
| 272 |   | Dec | 31 | 0 | 0                   | 0                    | 0                    | 0                     | 0             | 0              | 0          | 0       | 52,891            | 171          |   |   |

|     | A   | B                   | C      | D     | E             | F             | G            | H            | I                      | J                    | K                    | L                     | M | N | O | P | Q | R |
|-----|---|---------------------|--------|-------|---------------|---------------|--------------|--------------|------------------------|----------------------|----------------------|-----------------------|---|---|---|---|---|---|
| 1   | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |                     |        |       |               |               |              |              |                        |                      |                      |                       |   |   |   |   |   |   |
| 275 | <b>MONTHLY FORECAST DATA</b>  |                     |        |       |               |               |              |              |                        |                      |                      |                       |   |   |   |   |   |   |
|     |   | Nonresidential Core |        |       | Total         | Noncore - C&I |              |              | Noncore - Electric Gen |                      |                      |                       |   |   |   |   |   |   |
| 276 |   | Residential         | GN-3   | G-NGV | Core          | C&I (Dist.)   | C&I (Trans.) | C&I (Total)  | EG-Dist. (<3MMThms)    | EG-Trans. (<3MMThms) | EG-Dist. (>=3MMThms) | EG-Trans. (>=3MMThms) |   |   |   |   |   |   |
| 277 | <b>Cold Year Throughput (Mth)</b>   |                     |        |       |               |               |              |              |                        |                      |                      |                       |   |   |   |   |   |   |
| 278 | 2021 Jan  | 45,096              | 20,171 | 2,002 | <b>67,270</b> | 3,053         | 1,149        | <b>4,202</b> | 2,693                  | 228                  | 2,975                | 23,986                |   |   |   |   |   |   |
| 279 | Feb   | 39,440              | 18,786 | 1,918 | <b>60,144</b> | 2,843         | 1,181        | <b>4,024</b> | 2,345                  | 134                  | 2,966                | 13,367                |   |   |   |   |   |   |
| 280 | Mar   | 35,602              | 17,522 | 1,301 | <b>54,425</b> | 3,769         | 1,399        | <b>5,168</b> | 2,663                  | 434                  | 3,245                | 21,653                |   |   |   |   |   |   |
| 281 | Apr   | 28,402              | 15,686 | 1,716 | <b>45,803</b> | 3,498         | 1,303        | <b>4,801</b> | 2,692                  | 388                  | 2,233                | 20,296                |   |   |   |   |   |   |
| 282 | May   | 20,331              | 13,167 | 1,897 | <b>35,394</b> | 3,252         | 1,047        | <b>4,299</b> | 2,819                  | 323                  | 2,999                | 28,708                |   |   |   |   |   |   |
| 283 | Jun   | 14,764              | 11,833 | 1,909 | <b>28,506</b> | 3,081         | 1,320        | <b>4,401</b> | 2,561                  | 826                  | 2,983                | 31,867                |   |   |   |   |   |   |
| 284 | Jul   | 13,813              | 11,362 | 2,222 | <b>27,397</b> | 2,516         | 993          | <b>3,509</b> | 3,083                  | 1,368                | 3,528                | 45,075                |   |   |   |   |   |   |
| 285 | Aug   | 13,730              | 11,260 | 2,030 | <b>27,020</b> | 2,673         | 1,124        | <b>3,797</b> | 2,646                  | 692                  | 3,467                | 34,330                |   |   |   |   |   |   |
| 286 | Sep   | 13,412              | 11,286 | 2,120 | <b>26,818</b> | 2,608         | 617          | <b>3,225</b> | 2,817                  | 648                  | 3,441                | 31,373                |   |   |   |   |   |   |
| 287 | Oct   | 16,665              | 12,109 | 2,024 | <b>30,798</b> | 2,952         | 1,068        | <b>4,020</b> | 2,538                  | 376                  | 2,809                | 39,206                |   |   |   |   |   |   |
| 288 | Nov   | 27,993              | 15,413 | 2,035 | <b>45,441</b> | 2,813         | 1,339        | <b>4,151</b> | 2,341                  | 675                  | 3,252                | 37,961                |   |   |   |   |   |   |
| 289 | Dec   | 46,568              | 20,399 | 1,995 | <b>68,963</b> | 3,081         | 1,742        | <b>4,824</b> | 2,496                  | 1,001                | 3,568                | 33,143                |   |   |   |   |   |   |
| 290 |   |                     |        |       |               |               |              |              |                        |                      |                      |                       |   |   |   |   |   |   |
| 291 | 2022 Jan  | 44,496              | 20,728 | 2,030 | <b>67,254</b> | 3,260         | 1,288        | <b>4,548</b> | 2,460                  | 0                    | 3,149                | 27,806                |   |   |   |   |   |   |
| 292 | Feb   | 38,914              | 19,314 | 1,945 | <b>60,174</b> | 3,257         | 1,287        | <b>4,544</b> | 2,529                  | 0                    | 3,237                | 24,362                |   |   |   |   |   |   |
| 293 | Mar   | 35,137              | 18,014 | 1,335 | <b>54,486</b> | 3,196         | 1,263        | <b>4,459</b> | 2,554                  | 0                    | 3,270                | 25,653                |   |   |   |   |   |   |
| 294 | Apr   | 28,044              | 16,135 | 1,749 | <b>45,928</b> | 3,173         | 1,254        | <b>4,427</b> | 2,603                  | 0                    | 3,332                | 24,377                |   |   |   |   |   |   |
| 295 | May   | 20,086              | 13,557 | 1,923 | <b>35,565</b> | 3,121         | 1,233        | <b>4,355</b> | 2,595                  | 0                    | 3,321                | 24,879                |   |   |   |   |   |   |
| 296 | Jun   | 14,599              | 12,186 | 1,936 | <b>28,721</b> | 3,108         | 1,228        | <b>4,337</b> | 2,638                  | 0                    | 3,377                | 25,888                |   |   |   |   |   |   |
| 297 | Jul   | 13,662              | 11,706 | 2,270 | <b>27,638</b> | 3,054         | 1,207        | <b>4,261</b> | 2,604                  | 0                    | 3,333                | 30,453                |   |   |   |   |   |   |
| 298 | Aug   | 13,579              | 11,604 | 2,071 | <b>27,254</b> | 3,027         | 1,196        | <b>4,223</b> | 2,596                  | 0                    | 3,322                | 32,896                |   |   |   |   |   |   |
| 299 | Sep   | 13,265              | 11,631 | 2,149 | <b>27,045</b> | 3,001         | 1,186        | <b>4,187</b> | 2,582                  | 0                    | 3,305                | 31,879                |   |   |   |   |   |   |
| 300 | Oct   | 16,472              | 12,473 | 2,055 | <b>31,000</b> | 3,024         | 1,195        | <b>4,219</b> | 2,608                  | 0                    | 3,338                | 29,223                |   |   |   |   |   |   |
| 301 | Nov   | 27,640              | 15,861 | 2,066 | <b>45,567</b> | 3,022         | 1,194        | <b>4,216</b> | 2,618                  | 0                    | 3,351                | 26,778                |   |   |   |   |   |   |
| 302 | Dec   | 45,943              | 20,966 | 2,023 | <b>68,932</b> | 3,000         | 1,186        | <b>4,186</b> | 2,629                  | 0                    | 3,355                | 29,309                |   |   |   |   |   |   |
| 303 |   |                     |        |       |               |               |              |              |                        |                      |                      |                       |   |   |   |   |   |   |
| 304 | 2023 Jan  | 43,965              | 20,894 | 2,030 | <b>66,888</b> | 2,926         | 1,156        | <b>4,082</b> | 2,577                  | 0                    | 3,298                | 25,135                |   |   |   |   |   |   |
| 305 | Feb   | 38,450              | 19,474 | 1,945 | <b>59,869</b> | 2,971         | 1,174        | <b>4,145</b> | 2,620                  | 0                    | 3,353                | 21,843                |   |   |   |   |   |   |
| 306 | Mar   | 34,728              | 18,163 | 1,335 | <b>54,226</b> | 2,968         | 1,173        | <b>4,141</b> | 2,627                  | 0                    | 3,362                | 22,854                |   |   |   |   |   |   |
| 307 | Apr   | 27,732              | 16,276 | 1,749 | <b>45,757</b> | 2,978         | 1,177        | <b>4,155</b> | 2,658                  | 0                    | 3,402                | 21,223                |   |   |   |   |   |   |
| 308 | May   | 19,875              | 13,682 | 1,923 | <b>35,480</b> | 2,966         | 1,172        | <b>4,138</b> | 2,644                  | 0                    | 3,385                | 22,169                |   |   |   |   |   |   |
| 309 | Jun   | 14,458              | 12,302 | 1,936 | <b>28,697</b> | 2,984         | 1,179        | <b>4,164</b> | 2,686                  | 0                    | 3,438                | 22,869                |   |   |   |   |   |   |
| 310 | Jul   | 13,534              | 11,820 | 2,270 | <b>27,624</b> | 2,964         | 1,172        | <b>4,136</b> | 2,667                  | 0                    | 3,413                | 26,610                |   |   |   |   |   |   |
| 311 | Aug   | 13,453              | 11,719 | 2,071 | <b>27,243</b> | 2,951         | 1,166        | <b>4,117</b> | 2,644                  | 0                    | 3,384                | 28,212                |   |   |   |   |   |   |
| 312 | Sep   | 13,141              | 11,747 | 2,149 | <b>27,037</b> | 2,935         | 1,160        | <b>4,095</b> | 2,617                  | 0                    | 3,349                | 27,900                |   |   |   |   |   |   |
| 313 | Oct   | 16,308              | 12,592 | 2,055 | <b>30,955</b> | 2,960         | 1,170        | <b>4,129</b> | 2,624                  | 0                    | 3,359                | 25,919                |   |   |   |   |   |   |
| 314 | Nov   | 27,331              | 16,002 | 2,066 | <b>45,400</b> | 2,967         | 1,173        | <b>4,140</b> | 2,629                  | 0                    | 3,365                | 23,976                |   |   |   |   |   |   |
| 315 | Dec   | 45,390              | 21,135 | 2,023 | <b>68,547</b> | 2,953         | 1,167        | <b>4,120</b> | 2,628                  | 0                    | 3,363                | 25,580                |   |   |   |   |   |   |
| 316 |   |                     |        |       |               |               |              |              |                        |                      |                      |                       |   |   |   |   |   |   |
| 317 | 2024 Jan  | 43,372              | 20,863 | 2,030 | <b>66,265</b> | 2,880         | 1,138        | <b>4,018</b> | 2,572                  | 0                    | 3,292                | 20,814                |   |   |   |   |   |   |
| 318 | Feb   | 37,931              | 19,450 | 1,945 | <b>59,326</b> | 2,933         | 1,159        | <b>4,093</b> | 2,614                  | 0                    | 3,345                | 19,467                |   |   |   |   |   |   |
| 319 | Mar   | 34,270              | 18,140 | 1,335 | <b>53,745</b> | 2,937         | 1,161        | <b>4,098</b> | 2,619                  | 0                    | 3,352                | 18,574                |   |   |   |   |   |   |
| 320 | Apr   | 27,379              | 16,261 | 1,749 | <b>45,389</b> | 2,953         | 1,167        | <b>4,120</b> | 2,649                  | 0                    | 3,390                | 17,203                |   |   |   |   |   |   |
| 321 | May   | 19,634              | 13,676 | 1,923 | <b>35,233</b> | 2,946         | 1,164        | <b>4,110</b> | 2,635                  | 0                    | 3,373                | 18,060                |   |   |   |   |   |   |
| 322 | Jun   | 14,295              | 12,299 | 1,936 | <b>28,530</b> | 2,969         | 1,173        | <b>4,142</b> | 2,677                  | 0                    | 3,427                | 19,005                |   |   |   |   |   |   |
| 323 | Jul   | 13,385              | 11,819 | 2,270 | <b>27,474</b> | 2,953         | 1,167        | <b>4,120</b> | 2,659                  | 0                    | 3,403                | 23,151                |   |   |   |   |   |   |
| 324 | Aug   | 13,305              | 11,720 | 2,071 | <b>27,095</b> | 2,942         | 1,163        | <b>4,105</b> | 2,636                  | 0                    | 3,374                | 23,739                |   |   |   |   |   |   |
| 325 | Sep   | 12,996              | 11,747 | 2,149 | <b>26,892</b> | 2,929         | 1,157        | <b>4,086</b> | 2,609                  | 0                    | 3,340                | 23,330                |   |   |   |   |   |   |
| 326 | Oct   | 16,118              | 12,589 | 2,055 | <b>30,763</b> | 2,956         | 1,168        | <b>4,125</b> | 2,618                  | 0                    | 3,351                | 22,249                |   |   |   |   |   |   |
| 327 | Nov   | 26,983              | 15,990 | 2,066 | <b>45,039</b> | 2,964         | 1,172        | <b>4,136</b> | 2,622                  | 0                    | 3,356                | 20,263                |   |   |   |   |   |   |
| 328 | Dec   | 44,773              | 21,104 | 2,023 | <b>67,900</b> | 2,951         | 1,166        | <b>4,117</b> | 2,620                  | 0                    | 3,353                | 21,810                |   |   |   |   |   |   |

|     | A   | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|     | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 275 | <b>MONTHLY FORECAST DATA</b>  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 276 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 277 | <b>Cold Year Throughput (Mth)</b>   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 329 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 330 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 331 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 332 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 333 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 334 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 335 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 336 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 337 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 338 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 339 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 340 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 341 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 342 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 343 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 344 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 345 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 346 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 347 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 348 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 349 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 350 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 351 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 352 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 353 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 354 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 355 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 356 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 357 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 358 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 359 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 360 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 361 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 362 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 363 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 364 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 365 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 366 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 367 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 368 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 369 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 370 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 371 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 372 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 373 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 374 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 375 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 376 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 377 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 378 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 379 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 380 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|     | A  | B              | C          | D             | E                             | S                     | T           | U                     | V                       | W       | X | Y | Z | AA | AB | AC |  |               |                |            |               |                               |                       |             |                       |                         |
|-----|--|----------------|------------|---------------|-------------------------------|-----------------------|-------------|-----------------------|-------------------------|---------|---|---|---|----|----|----|--|---------------|----------------|------------|---------------|-------------------------------|-----------------------|-------------|-----------------------|-------------------------|
| 1   | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b>  |                |            |               |                               |                       |             |                       |                         |         |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 275 | <b>MONTHLY FORECAST DATA</b>   |                |            |               |                               |                       |             |                       |                         |         |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 276 | <table border="0"> <thead> <tr> <th></th> <th>EG (&lt;3MMThms)</th> <th>EG (&gt;=3MMThms)</th> <th>EG (Total)</th> <th>Noncore Total</th> <th>System-Wide Total End-Use Dmd</th> <th>System Total (Mdth/d)</th> <th>Co-Use-Fuel</th> <th>"Un-Acnt'd-For" (UAF)</th> <th>Total System Throughput</th> </tr> </thead> </table> |                |            |               |                               |                       |             |                       |                         |         |   |   |   |    |    |    |  | EG (<3MMThms) | EG (>=3MMThms) | EG (Total) | Noncore Total | System-Wide Total End-Use Dmd | System Total (Mdth/d) | Co-Use-Fuel | "Un-Acnt'd-For" (UAF) | Total System Throughput |
|     | EG (<3MMThms)  | EG (>=3MMThms) | EG (Total) | Noncore Total | System-Wide Total End-Use Dmd | System Total (Mdth/d) | Co-Use-Fuel | "Un-Acnt'd-For" (UAF) | Total System Throughput |         |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 277 | <b>Cold Year Throughput (Mth)</b>  |                |            |               |                               |                       |             |                       |                         |         |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 278 | 2021 Jan   | 2,921          | 26,960     | 29,882        | 34,084                        | 101,353               | 327         | 404                   | 2,314                   | 104,071 |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 279 | Feb  | 2,478          | 16,333     | 18,811        | 22,835                        | 82,979                | 296         | 331                   | 1,894                   | 85,204  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 280 | Mar  | 3,097          | 24,898     | 27,995        | 33,162                        | 87,587                | 283         | 349                   | 2,000                   | 89,936  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 281 | Apr  | 3,080          | 22,529     | 25,609        | 30,411                        | 76,214                | 254         | 304                   | 1,740                   | 78,258  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 282 | May  | 3,142          | 31,706     | 34,849        | 39,147                        | 74,542                | 240         | 297                   | 1,702                   | 76,541  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 283 | Jun  | 3,387          | 34,850     | 38,237        | 42,638                        | 71,144                | 237         | 284                   | 1,624                   | 73,052  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 284 | Jul  | 4,451          | 48,603     | 53,054        | 56,563                        | 83,960                | 271         | 335                   | 1,917                   | 86,212  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 285 | Aug  | 3,338          | 37,797     | 41,135        | 44,932                        | 71,953                | 232         | 287                   | 1,643                   | 73,882  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 286 | Sep  | 3,465          | 34,814     | 38,279        | 41,504                        | 68,322                | 228         | 272                   | 1,560                   | 70,155  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 287 | Oct  | 2,914          | 42,015     | 44,929        | 48,949                        | 79,747                | 257         | 318                   | 1,821                   | 81,885  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 288 | Nov  | 3,016          | 41,213     | 44,229        | 48,380                        | 93,821                | 313         | 374                   | 2,142                   | 96,337  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 289 | Dec  | 3,497          | 36,711     | 40,208        | 45,032                        | 113,994               | 368         | 455                   | 2,602                   | 117,052 |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 290 |  |                |            |               |                               |                       |             |                       |                         |         |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 291 | 2022 Jan   | 2,460          | 30,955     | 33,415        | 37,963                        | 105,217               | 339         | 420                   | 2,402                   | 108,038 |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 292 | Feb  | 2,529          | 27,599     | 30,128        | 34,672                        | 94,845                | 339         | 378                   | 2,165                   | 97,389  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 293 | Mar  | 2,554          | 28,923     | 31,477        | 35,937                        | 90,422                | 292         | 361                   | 2,064                   | 92,847  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 294 | Apr  | 2,603          | 27,709     | 30,313        | 34,740                        | 80,668                | 269         | 322                   | 1,842                   | 82,832  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 295 | May  | 2,595          | 28,200     | 30,795        | 35,149                        | 70,715                | 228         | 282                   | 1,614                   | 72,611  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 296 | Jun  | 2,638          | 29,265     | 31,903        | 36,240                        | 64,961                | 217         | 259                   | 1,483                   | 66,703  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 297 | Jul  | 2,604          | 33,785     | 36,389        | 40,650                        | 68,287                | 220         | 272                   | 1,559                   | 70,119  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 298 | Aug  | 2,596          | 36,219     | 38,815        | 43,038                        | 70,292                | 227         | 280                   | 1,605                   | 72,177  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 299 | Sep  | 2,582          | 35,184     | 37,766        | 41,953                        | 68,998                | 230         | 275                   | 1,575                   | 70,848  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 300 | Oct  | 2,608          | 32,561     | 35,170        | 39,389                        | 70,389                | 227         | 281                   | 1,607                   | 72,276  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 301 | Nov  | 2,618          | 30,130     | 32,748        | 36,964                        | 82,530                | 275         | 329                   | 1,884                   | 84,744  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 302 | Dec  | 2,629          | 32,664     | 35,292        | 39,478                        | 108,410               | 350         | 432                   | 2,475                   | 111,317 |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 303 |  |                |            |               |                               |                       |             |                       |                         |         |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 304 | 2023 Jan   | 2,577          | 28,433     | 31,009        | 35,092                        | 101,980               | 329         | 407                   | 2,328                   | 104,715 |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 305 | Feb  | 2,620          | 25,196     | 27,816        | 31,961                        | 91,830                | 328         | 366                   | 2,096                   | 94,293  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 306 | Mar  | 2,627          | 26,216     | 28,843        | 32,984                        | 87,210                | 281         | 348                   | 1,991                   | 89,549  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 307 | Apr  | 2,658          | 24,625     | 27,284        | 31,439                        | 77,195                | 257         | 308                   | 1,762                   | 79,265  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 308 | May  | 2,644          | 25,554     | 28,198        | 32,336                        | 67,816                | 219         | 270                   | 1,548                   | 69,635  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 309 | Jun  | 2,686          | 26,307     | 28,994        | 33,157                        | 61,854                | 206         | 247                   | 1,412                   | 63,513  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 310 | Jul  | 2,667          | 30,024     | 32,690        | 36,826                        | 64,451                | 208         | 257                   | 1,471                   | 66,179  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 311 | Aug  | 2,644          | 31,597     | 34,241        | 38,358                        | 65,601                | 212         | 262                   | 1,498                   | 67,360  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 312 | Sep  | 2,617          | 31,249     | 33,866        | 37,961                        | 64,997                | 217         | 259                   | 1,484                   | 66,741  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 313 | Oct  | 2,624          | 29,278     | 31,902        | 36,031                        | 66,987                | 216         | 267                   | 1,529                   | 68,783  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 314 | Nov  | 2,629          | 27,342     | 29,971        | 34,111                        | 79,511                | 265         | 317                   | 1,815                   | 81,643  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 315 | Dec  | 2,628          | 28,943     | 31,571        | 35,691                        | 104,238               | 336         | 416                   | 2,380                   | 107,034 |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 316 |  |                |            |               |                               |                       |             |                       |                         |         |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 317 | 2024 Jan   | 2,572          | 24,106     | 26,677        | 30,696                        | 96,961                | 313         | 387                   | 2,214                   | 99,561  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 318 | Feb  | 2,614          | 22,813     | 25,426        | 29,519                        | 88,845                | 306         | 354                   | 2,028                   | 91,227  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 319 | Mar  | 2,619          | 21,926     | 24,545        | 28,643                        | 82,389                | 266         | 329                   | 1,881                   | 84,598  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 320 | Apr  | 2,649          | 20,593     | 23,242        | 27,362                        | 72,751                | 243         | 290                   | 1,661                   | 74,702  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 321 | May  | 2,635          | 21,433     | 24,069        | 28,179                        | 63,411                | 205         | 253                   | 1,448                   | 65,112  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 322 | Jun  | 2,677          | 22,432     | 25,109        | 29,251                        | 57,781                | 193         | 230                   | 1,319                   | 59,330  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 323 | Jul  | 2,659          | 26,554     | 29,213        | 33,333                        | 60,807                | 196         | 242                   | 1,388                   | 62,438  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 324 | Aug  | 2,636          | 27,113     | 29,750        | 33,855                        | 60,950                | 197         | 243                   | 1,391                   | 62,584  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 325 | Sep  | 2,609          | 26,669     | 29,279        | 33,365                        | 60,257                | 201         | 240                   | 1,376                   | 61,873  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 326 | Oct  | 2,618          | 25,599     | 28,217        | 32,342                        | 63,104                | 204         | 252                   | 1,441                   | 64,797  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 327 | Nov  | 2,622          | 23,619     | 26,241        | 30,377                        | 75,417                | 251         | 301                   | 1,722                   | 77,439  |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |
| 328 | Dec  | 2,620          | 25,163     | 27,783        | 31,900                        | 99,800                | 322         | 398                   | 2,278                   | 102,476 |   |   |   |    |    |    |  |               |                |            |               |                               |                       |             |                       |                         |

|            | A   | B | C | D | E | S | T | U | V | W | X | Y | Z | AA | AB | AC |
|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|----|
|            | <b>2024 CAP: SDG&amp;E Consolidated<br/>Gas Demand Forecast Summary<br/>(Mtherms)</b> |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>1</b>   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>275</b> | <b>MONTHLY FORECAST DATA</b>  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
|            |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>276</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>277</b> | <b>Cold Year Throughput (Mth)</b>   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>329</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>330</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>331</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>332</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>333</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>334</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>335</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>336</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>337</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>338</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>339</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>340</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>341</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>342</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>343</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>344</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>345</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>346</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>347</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>348</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>349</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>350</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>351</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>352</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>353</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>354</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>355</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>356</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>357</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>358</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>359</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>360</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>361</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>362</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>363</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>364</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>365</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>366</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>367</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>368</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>369</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>370</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>371</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>372</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>373</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>374</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>375</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>376</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>377</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>378</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>379</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| <b>380</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |



|     | A   | B                   | C     | D     | E            | F             | G            | H           | I                       | J                    | K                    | L                     | M | N | O | P | Q | R |
|-----|---|---------------------|-------|-------|--------------|---------------|--------------|-------------|-------------------------|----------------------|----------------------|-----------------------|---|---|---|---|---|---|
|     | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |                     |       |       |              |               |              |             |                         |                      |                      |                       |   |   |   |   |   |   |
| 1   |   |                     |       |       |              |               |              |             |                         |                      |                      |                       |   |   |   |   |   |   |
| 383 |   |                     |       |       |              |               |              |             |                         |                      |                      |                       |   |   |   |   |   |   |
|     |   | Nonresidential Core |       |       | Total        | Noncore - C&I |              |             | Noncore - Electric Gene |                      |                      |                       |   |   |   |   |   |   |
| 384 | <b>Peak Day Throughput (Mth/Day)</b>  | Residential         | GN-3  | G-NGV | Core         | C&I (Dist.)   | C&I (Trans.) | C&I (Total) | EG-Dist. (<3MMThms)     | EG-Trans. (<3MMThms) | EG-Dist. (>=3MMThms) | EG-Trans. (>=3MMThms) |   |   |   |   |   |   |
| 385 | 2021  | 3,106               | 993   | 64.4  | <b>4,164</b> | 112           | 44           | <b>156</b>  | 90                      | 115                  | 112                  | 1,950                 |   |   |   |   |   |   |
| 386 | 2022  | 3,091               | 1,012 | 65.3  | <b>4,168</b> | 97            | 38           | <b>135</b>  | <b>85</b>               | <b>0</b>             | <b>108</b>           | <b>1,007</b>          |   |   |   |   |   |   |
| 387 | 2023  | 3,077               | 1,018 | 65.3  | <b>4,161</b> | 95            | 38           | <b>133</b>  | <b>85</b>               | <b>0</b>             | <b>108</b>           | <b>879</b>            |   |   |   |   |   |   |
| 388 | 2024  | 3,062               | 1,018 | 65.3  | <b>4,145</b> | 95            | 38           | <b>133</b>  | <b>85</b>               | <b>0</b>             | <b>108</b>           | <b>773</b>            |   |   |   |   |   |   |
| 389 | 2025  | 3,046               | 1,017 | 63.8  | <b>4,126</b> | 95            | 38           | <b>133</b>  | <b>84</b>               | <b>0</b>             | <b>108</b>           | <b>816</b>            |   |   |   |   |   |   |
| 390 | 2026  | 3,032               | 1,014 | 63.8  | <b>4,111</b> | 95            | 38           | <b>133</b>  | <b>84</b>               | <b>0</b>             | <b>108</b>           | <b>861</b>            |   |   |   |   |   |   |
| 391 | 2027  | 3,019               | 1,012 | 63.8  | <b>4,094</b> | 95            | 38           | <b>133</b>  | <b>84</b>               | <b>0</b>             | <b>108</b>           | <b>862</b>            |   |   |   |   |   |   |
| 392 | 2028  | 3,004               | 1,009 | 63.8  | <b>4,077</b> | 95            | 38           | <b>133</b>  | <b>84</b>               | <b>0</b>             | <b>107</b>           | <b>611</b>            |   |   |   |   |   |   |

|     | A   | B | C | D | E | S | T | U | V | W | X | Y | Z | AA | AB | AC |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|----|
| 1   | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 383 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 384 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 385 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 386 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 387 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 388 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 389 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 390 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 391 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
| 392 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |

  

|     |                               | ratiion       |                |            | Noncore | System-Wide       |             |                       |                         |
|-----|-------------------------------|---------------|----------------|------------|---------|-------------------|-------------|-----------------------|-------------------------|
|     | Peak Day Throughput (Mth/Day) | EG (<3MMThms) | EG (>=3MMThms) | EG (Total) | Total   | Total End-Use Dmd | Co-Use-Fuel | "Un-Acnt'd-For" (UAF) | Total System Throughput |
| 385 | 2021                          | 205           | 2,062          | 2,267      | 2,422   | 6,586             | 26          | 150                   | 6,763                   |
| 386 | 2022                          | 85            | 1,115          | 1,200      | 1,335   | 5,503             | 22          | 126                   | 5,651                   |
| 387 | 2023                          | 85            | 987            | 1,072      | 1,205   | 5,366             | 21          | 123                   | 5,510                   |
| 388 | 2024                          | 85            | 881            | 965        | 1,098   | 5,244             | 21          | 120                   | 5,384                   |
| 389 | 2025                          | 84            | 924            | 1,008      | 1,140   | 5,267             | 21          | 120                   | 5,408                   |
| 390 | 2026                          | 84            | 969            | 1,053      | 1,186   | 5,297             | 21          | 121                   | 5,439                   |
| 391 | 2027                          | 84            | 969            | 1,053      | 1,186   | 5,281             | 21          | 121                   | 5,422                   |
| 392 | 2028                          | 84            | 718            | 802        | 935     | 5,012             | 20          | 114                   | 5,146                   |

|     | A   | B   | C       | D      | E  | F                   | G    | H     | I     | J             | K | L            | M           | N |
|-----|---|-----|---------|--------|----|---------------------|------|-------|-------|---------------|---|--------------|-------------|---|
|     | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |     |         |        |    |                     |      |       |       |               |   |              |             |   |
| 1   | <b>MONTHLY FORECAST DATA</b>  |     |         |        |    |                     |      |       |       |               |   |              |             |   |
| 395 |   |     |         |        |    | Nonresidential Core |      |       | Total | Noncore - C&I |   |              |             |   |
| 396 |   |     |         |        |    | Residential         | GN-3 | G-NGV | Core  | C&I (Dist.)   |   | C&I (Trans.) | C&I (Total) |   |
| 397 | <b>Forecast Number of Customers</b>   |     |         |        |    |                     |      |       |       |               |   |              |             |   |
| 398 | 2021  | Jan | 871,185 | 30,066 | 37 | 901,287             | 53   | 5     | 58    |               |   |              |             |   |
| 399 |   | Feb | 871,565 | 30,087 | 37 | 901,688             | 53   | 5     | 58    |               |   |              |             |   |
| 400 |   | Mar | 872,017 | 30,103 | 37 | 902,156             | 53   | 5     | 58    |               |   |              |             |   |
| 401 |   | Apr | 872,226 | 30,146 | 37 | 902,408             | 53   | 5     | 58    |               |   |              |             |   |
| 402 |   | May | 872,435 | 30,188 | 37 | 902,659             | 53   | 5     | 58    |               |   |              |             |   |
| 403 |   | Jun | 872,493 | 30,158 | 37 | 902,687             | 53   | 5     | 58    |               |   |              |             |   |
| 404 |   | Jul | 872,960 | 30,172 | 37 | 903,168             | 53   | 5     | 58    |               |   |              |             |   |
| 405 |   | Aug | 874,189 | 30,197 | 37 | 904,422             | 53   | 5     | 58    |               |   |              |             |   |
| 406 |   | Sep | 874,691 | 30,189 | 37 | 904,916             | 53   | 5     | 58    |               |   |              |             |   |
| 407 |   | Oct | 874,714 | 30,208 | 37 | 904,958             | 53   | 5     | 58    |               |   |              |             |   |
| 408 |   | Nov | 875,444 | 30,205 | 37 | 905,685             | 53   | 5     | 58    |               |   |              |             |   |
| 409 |   | Dec | 875,734 | 30,242 | 37 | 906,012             | 53   | 5     | 58    |               |   |              |             |   |
| 410 | 2022  | Jan | 876,952 | 30,348 | 37 | 907,337             | 53   | 5     | 58    |               |   |              |             |   |
| 412 |   | Feb | 877,558 | 30,347 | 37 | 907,942             | 53   | 5     | 58    |               |   |              |             |   |
| 413 |   | Mar | 878,164 | 30,346 | 37 | 908,547             | 53   | 5     | 58    |               |   |              |             |   |
| 414 |   | Apr | 878,772 | 30,364 | 37 | 909,173             | 53   | 5     | 58    |               |   |              |             |   |
| 415 |   | May | 879,376 | 30,345 | 37 | 909,758             | 53   | 5     | 58    |               |   |              |             |   |
| 416 |   | Jun | 879,980 | 30,325 | 37 | 910,342             | 53   | 5     | 58    |               |   |              |             |   |
| 417 |   | Jul | 880,402 | 30,281 | 37 | 910,720             | 53   | 5     | 58    |               |   |              |             |   |
| 418 |   | Aug | 881,189 | 30,285 | 37 | 911,511             | 53   | 5     | 58    |               |   |              |             |   |
| 419 |   | Sep | 881,976 | 30,289 | 37 | 912,302             | 53   | 5     | 58    |               |   |              |             |   |
| 420 |   | Oct | 882,766 | 30,258 | 37 | 913,061             | 53   | 5     | 58    |               |   |              |             |   |
| 421 |   | Nov | 883,550 | 30,298 | 37 | 913,885             | 53   | 5     | 58    |               |   |              |             |   |
| 422 |   | Dec | 884,334 | 30,339 | 37 | 914,710             | 53   | 5     | 58    |               |   |              |             |   |
| 423 | 2023  | Jan | 885,298 | 30,424 | 37 | 915,759             | 53   | 5     | 58    |               |   |              |             |   |
| 425 |   | Feb | 885,902 | 30,419 | 37 | 916,358             | 53   | 5     | 58    |               |   |              |             |   |
| 426 |   | Mar | 886,505 | 30,415 | 37 | 916,957             | 53   | 5     | 58    |               |   |              |             |   |
| 427 |   | Apr | 887,117 | 30,427 | 37 | 917,581             | 53   | 5     | 58    |               |   |              |             |   |
| 428 |   | May | 887,713 | 30,405 | 37 | 918,155             | 53   | 5     | 58    |               |   |              |             |   |
| 429 |   | Jun | 888,309 | 30,384 | 37 | 918,730             | 53   | 5     | 58    |               |   |              |             |   |
| 430 |   | Jul | 888,723 | 30,338 | 37 | 919,098             | 53   | 5     | 58    |               |   |              |             |   |
| 431 |   | Aug | 889,501 | 30,340 | 37 | 919,878             | 53   | 5     | 58    |               |   |              |             |   |
| 432 |   | Sep | 890,279 | 30,342 | 37 | 920,658             | 53   | 5     | 58    |               |   |              |             |   |
| 433 |   | Oct | 891,058 | 30,307 | 37 | 921,402             | 53   | 5     | 58    |               |   |              |             |   |
| 434 |   | Nov | 891,836 | 30,347 | 37 | 922,220             | 53   | 5     | 58    |               |   |              |             |   |
| 435 |   | Dec | 892,614 | 30,386 | 37 | 923,037             | 53   | 5     | 58    |               |   |              |             |   |
| 436 | 2024  | Jan | 893,570 | 30,470 | 37 | 924,077             | 53   | 5     | 58    |               |   |              |             |   |
| 438 |   | Feb | 894,170 | 30,465 | 37 | 924,672             | 53   | 5     | 58    |               |   |              |             |   |
| 439 |   | Mar | 894,770 | 30,461 | 37 | 925,268             | 53   | 5     | 58    |               |   |              |             |   |
| 440 |   | Apr | 895,378 | 30,474 | 37 | 925,889             | 53   | 5     | 58    |               |   |              |             |   |
| 441 |   | May | 895,971 | 30,452 | 37 | 926,460             | 53   | 5     | 58    |               |   |              |             |   |
| 442 |   | Jun | 896,564 | 30,431 | 37 | 927,032             | 53   | 5     | 58    |               |   |              |             |   |
| 443 |   | Jul | 896,976 | 30,385 | 37 | 927,398             | 53   | 5     | 58    |               |   |              |             |   |
| 444 |   | Aug | 897,749 | 30,387 | 37 | 928,173             | 53   | 5     | 58    |               |   |              |             |   |
| 445 |   | Sep | 898,523 | 30,389 | 37 | 928,949             | 53   | 5     | 58    |               |   |              |             |   |
| 446 |   | Oct | 899,296 | 30,354 | 37 | 929,687             | 53   | 5     | 58    |               |   |              |             |   |
| 447 |   | Nov | 900,069 | 30,393 | 37 | 930,499             | 53   | 5     | 58    |               |   |              |             |   |
| 448 |   | Dec | 900,843 | 30,432 | 37 | 931,312             | 53   | 5     | 58    |               |   |              |             |   |

|     | A   | B   | C | D | E | F                   | G      | H     | I       | J             | K | L           | M            | N           |
|-----|---|-----|---|---|---|---------------------|--------|-------|---------|---------------|---|-------------|--------------|-------------|
|     | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |     |   |   |   |                     |        |       |         |               |   |             |              |             |
| 1   |   |     |   |   |   |                     |        |       |         |               |   |             |              |             |
| 395 | <b><u>MONTHLY FORECAST DATA</u></b>   |     |   |   |   | Nonresidential Core |        |       | Total   | Noncore - C&I |   |             |              |             |
| 396 |   |     |   |   |   | Residential         | GN-3   | G-NGV | Core    |               |   | C&I (Dist.) | C&I (Trans.) | C&I (Total) |
| 397 | <b>Forecast Number of Customers</b>   |     |   |   |   |                     |        |       |         |               |   |             |              |             |
| 449 |   |     |   |   |   |                     |        |       |         |               |   |             |              |             |
| 450 | 2025  | Jan |   |   |   | 901,792             | 30,515 | 36    | 932,343 |               |   | 53          | 5            | 58          |
| 451 |   | Feb |   |   |   | 902,390             | 30,510 | 36    | 932,936 |               |   | 53          | 5            | 58          |
| 452 |   | Mar |   |   |   | 902,988             | 30,505 | 36    | 933,529 |               |   | 53          | 5            | 58          |
| 453 |   | Apr |   |   |   | 903,590             | 30,518 | 36    | 934,144 |               |   | 53          | 5            | 58          |
| 454 |   | May |   |   |   | 904,185             | 30,495 | 36    | 934,716 |               |   | 53          | 5            | 58          |
| 455 |   | Jun |   |   |   | 904,781             | 30,473 | 36    | 935,290 |               |   | 53          | 5            | 58          |
| 456 |   | Jul |   |   |   | 905,189             | 30,427 | 36    | 935,652 |               |   | 53          | 5            | 58          |
| 457 |   | Aug |   |   |   | 905,971             | 30,429 | 36    | 936,436 |               |   | 53          | 5            | 58          |
| 458 |   | Sep |   |   |   | 906,753             | 30,431 | 36    | 937,220 |               |   | 53          | 5            | 58          |
| 459 |   | Oct |   |   |   | 907,533             | 30,396 | 36    | 937,965 |               |   | 53          | 5            | 58          |
| 460 |   | Nov |   |   |   | 908,316             | 30,435 | 36    | 938,787 |               |   | 53          | 5            | 58          |
| 461 |   | Dec |   |   |   | 909,099             | 30,474 | 36    | 939,609 |               |   | 53          | 5            | 58          |
| 462 |   |     |   |   |   |                     |        |       |         |               |   |             |              |             |
| 463 | 2026  | Jan |   |   |   | 910,058             | 30,558 | 36    | 940,652 |               |   | 53          | 5            | 58          |
| 464 |   | Feb |   |   |   | 910,664             | 30,553 | 36    | 941,253 |               |   | 53          | 5            | 58          |
| 465 |   | Mar |   |   |   | 911,270             | 30,548 | 36    | 941,854 |               |   | 53          | 5            | 58          |
| 466 |   | Apr |   |   |   | 911,883             | 30,560 | 36    | 942,479 |               |   | 53          | 5            | 58          |
| 467 |   | May |   |   |   | 912,481             | 30,538 | 36    | 943,055 |               |   | 53          | 5            | 58          |
| 468 |   | Jun |   |   |   | 913,080             | 30,516 | 36    | 943,632 |               |   | 53          | 5            | 58          |
| 469 |   | Jul |   |   |   | 913,498             | 30,470 | 36    | 944,004 |               |   | 53          | 5            | 58          |
| 470 |   | Aug |   |   |   | 914,277             | 30,472 | 36    | 944,785 |               |   | 53          | 5            | 58          |
| 471 |   | Sep |   |   |   | 915,055             | 30,473 | 36    | 945,564 |               |   | 53          | 5            | 58          |
| 472 |   | Oct |   |   |   | 915,838             | 30,438 | 36    | 946,312 |               |   | 53          | 5            | 58          |
| 473 |   | Nov |   |   |   | 916,613             | 30,477 | 36    | 947,126 |               |   | 53          | 5            | 58          |
| 474 |   | Dec |   |   |   | 917,388             | 30,515 | 36    | 947,939 |               |   | 53          | 5            | 58          |
| 475 |   |     |   |   |   |                     |        |       |         |               |   |             |              |             |
| 476 | 2027  | Jan |   |   |   | 918,345             | 30,598 | 36    | 948,978 |               |   | 53          | 5            | 58          |
| 477 |   | Feb |   |   |   | 918,938             | 30,593 | 36    | 949,566 |               |   | 53          | 5            | 58          |
| 478 |   | Mar |   |   |   | 919,531             | 30,588 | 36    | 950,154 |               |   | 53          | 5            | 58          |
| 479 |   | Apr |   |   |   | 920,134             | 30,602 | 36    | 950,771 |               |   | 53          | 5            | 58          |
| 480 |   | May |   |   |   | 920,717             | 30,579 | 36    | 951,331 |               |   | 53          | 5            | 58          |
| 481 |   | Jun |   |   |   | 921,301             | 30,556 | 36    | 951,892 |               |   | 53          | 5            | 58          |
| 482 |   | Jul |   |   |   | 921,704             | 30,509 | 36    | 952,249 |               |   | 53          | 5            | 58          |
| 483 |   | Aug |   |   |   | 922,468             | 30,510 | 36    | 953,014 |               |   | 53          | 5            | 58          |
| 484 |   | Sep |   |   |   | 923,232             | 30,511 | 36    | 953,779 |               |   | 53          | 5            | 58          |
| 485 |   | Oct |   |   |   | 923,999             | 30,475 | 36    | 954,510 |               |   | 53          | 5            | 58          |
| 486 |   | Nov |   |   |   | 924,761             | 30,514 | 36    | 955,311 |               |   | 53          | 5            | 58          |
| 487 |   | Dec |   |   |   | 925,523             | 30,554 | 36    | 956,112 |               |   | 53          | 5            | 58          |
| 488 |   |     |   |   |   |                     |        |       |         |               |   |             |              |             |
| 489 | 2028  | Jan |   |   |   | 926,464             | 30,636 | 36    | 957,136 |               |   | 53          | 5            | 58          |
| 490 |   | Feb |   |   |   | 927,047             | 30,631 | 36    | 957,714 |               |   | 53          | 5            | 58          |
| 491 |   | Mar |   |   |   | 927,629             | 30,625 | 36    | 958,290 |               |   | 53          | 5            | 58          |
| 492 |   | Apr |   |   |   | 928,219             | 30,637 | 36    | 958,892 |               |   | 53          | 5            | 58          |
| 493 |   | May |   |   |   | 928,793             | 30,614 | 36    | 959,443 |               |   | 53          | 5            | 58          |
| 494 |   | Jun |   |   |   | 929,367             | 30,592 | 36    | 959,995 |               |   | 53          | 5            | 58          |
| 495 |   | Jul |   |   |   | 929,760             | 30,545 | 36    | 960,341 |               |   | 53          | 5            | 58          |
| 496 |   | Aug |   |   |   | 930,515             | 30,546 | 36    | 961,097 |               |   | 53          | 5            | 58          |
| 497 |   | Sep |   |   |   | 931,270             | 30,547 | 36    | 961,853 |               |   | 53          | 5            | 58          |
| 498 |   | Oct |   |   |   | 932,027             | 30,510 | 36    | 962,573 |               |   | 53          | 5            | 58          |
| 499 |   | Nov |   |   |   | 932,782             | 30,549 | 36    | 963,367 |               |   | 53          | 5            | 58          |
| 500 |   | Dec |   |   |   | 933,536             | 30,588 | 36    | 964,160 |               |   | 53          | 5            | 58          |

|     | A   | B   | C                    | D | E                    | O  | P                     | Q  | R             | S              | T          | U       | V           | W |
|-----|---|-----|----------------------|---|----------------------|----|-----------------------|----|---------------|----------------|------------|---------|-------------|---|
| 1   | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |     |                      |   |                      |    |                       |    |               |                |            |         |             |   |
| 395 | <b>MONTHLY FORECAST DATA</b>  |     |                      |   |                      |    |                       |    |               |                |            |         |             |   |
| 396 | Noncore - Electric Generation   |     |                      |   |                      |    |                       |    |               |                |            | Noncore | System-Wide |   |
| 397 | EG-Dist. (<3MMThms)   |     | EG-Trans. (<3MMThms) |   | EG-Dist. (>=3MMThms) |    | EG-Trans. (>=3MMThms) |    | EG (<3MMThms) | EG (>=3MMThms) | EG (Total) | Total   | Total       |   |
| 398 | <b>Forecast Number of Customers</b>   |     |                      |   |                      |    |                       |    |               |                |            |         |             |   |
| 399 | 2021  | Jan | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 901,443    |         |             |   |
| 400 |   | Feb | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 901,844    |         |             |   |
| 401 |   | Mar | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 902,312    |         |             |   |
| 402 |   | Apr | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 902,564    |         |             |   |
| 403 |   | May | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 902,815    |         |             |   |
| 404 |   | Jun | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 902,843    |         |             |   |
| 405 |   | Jul | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 903,324    |         |             |   |
| 406 |   | Aug | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 904,578    |         |             |   |
| 407 |   | Sep | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 905,072    |         |             |   |
| 408 |   | Oct | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 905,114    |         |             |   |
| 409 |   | Nov | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 905,841    |         |             |   |
| 410 |   | Dec | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 906,168    |         |             |   |
| 411 | 2022  | Jan | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 907,493    |         |             |   |
| 412 |   | Feb | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 908,098    |         |             |   |
| 413 |   | Mar | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 908,703    |         |             |   |
| 414 |   | Apr | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 909,329    |         |             |   |
| 415 |   | May | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 909,914    |         |             |   |
| 416 |   | Jun | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 910,498    |         |             |   |
| 417 |   | Jul | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 910,876    |         |             |   |
| 418 |   | Aug | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 911,667    |         |             |   |
| 419 |   | Sep | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 912,458    |         |             |   |
| 420 |   | Oct | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 913,217    |         |             |   |
| 421 |   | Nov | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 914,041    |         |             |   |
| 422 |   | Dec | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 914,866    |         |             |   |
| 423 | 2023  | Jan | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 915,915    |         |             |   |
| 424 |   | Feb | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 916,514    |         |             |   |
| 425 |   | Mar | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 917,113    |         |             |   |
| 426 |   | Apr | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 917,737    |         |             |   |
| 427 |   | May | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 918,311    |         |             |   |
| 428 |   | Jun | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 918,886    |         |             |   |
| 429 |   | Jul | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 919,254    |         |             |   |
| 430 |   | Aug | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 920,034    |         |             |   |
| 431 |   | Sep | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 920,814    |         |             |   |
| 432 |   | Oct | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 921,558    |         |             |   |
| 433 |   | Nov | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 922,376    |         |             |   |
| 434 |   | Dec | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 923,193    |         |             |   |
| 435 | 2024  | Jan | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 924,233    |         |             |   |
| 436 |   | Feb | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 924,828    |         |             |   |
| 437 |   | Mar | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 925,424    |         |             |   |
| 438 |   | Apr | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 926,045    |         |             |   |
| 439 |   | May | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 926,616    |         |             |   |
| 440 |   | Jun | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 927,188    |         |             |   |
| 441 |   | Jul | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 927,554    |         |             |   |
| 442 |   | Aug | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 928,329    |         |             |   |
| 443 |   | Sep | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 929,105    |         |             |   |
| 444 |   | Oct | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 929,843    |         |             |   |
| 445 |   | Nov | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 930,655    |         |             |   |
| 446 |   | Dec | 80                   | 3 | 5                    | 10 | 83                    | 15 | 98            | 156            | 931,468    |         |             |   |

|     | A   | B   | C  | D | E | O  | P  | Q  | R  | S   | T       | U                                    | V | W              |                    |
|-----|---|-----|----|---|---|----|----|----|----|-----|---------|--------------------------------------|---|----------------|--------------------|
| 1   | <b>2024 CAP: SDG&amp;E Consolidated Gas Demand Forecast Summary (Mtherms)</b> |     |    |   |   |    |    |    |    |     |         |                                      |   |                |                    |
| 395 | <b>MONTHLY FORECAST DATA</b>  |     |    |   |   |    |    |    |    |     |         |                                      |   |                |                    |
| 396 | <b>Forecast Number of Customers</b>   |     |    |   |   |    |    |    |    |     |         | <b>Noncore - Electric Generation</b> |   | <b>Noncore</b> | <b>System-Wide</b> |
| 397 |   |     |    |   |   |    |    |    |    |     |         |                                      |   |                |                    |
| 449 |   |     |    |   |   |    |    |    |    |     |         |                                      |   |                |                    |
| 450 | 2025  | Jan | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 932,499 |                                      |   |                |                    |
| 451 |   | Feb | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 933,092 |                                      |   |                |                    |
| 452 |   | Mar | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 933,685 |                                      |   |                |                    |
| 453 |   | Apr | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 934,300 |                                      |   |                |                    |
| 454 |   | May | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 934,872 |                                      |   |                |                    |
| 455 |   | Jun | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 935,446 |                                      |   |                |                    |
| 456 |   | Jul | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 935,808 |                                      |   |                |                    |
| 457 |   | Aug | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 936,592 |                                      |   |                |                    |
| 458 |   | Sep | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 937,376 |                                      |   |                |                    |
| 459 |   | Oct | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 938,121 |                                      |   |                |                    |
| 460 |   | Nov | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 938,943 |                                      |   |                |                    |
| 461 |   | Dec | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 939,765 |                                      |   |                |                    |
| 462 |   |     |    |   |   |    |    |    |    |     |         |                                      |   |                |                    |
| 463 | 2026  | Jan | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 940,808 |                                      |   |                |                    |
| 464 |   | Feb | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 941,409 |                                      |   |                |                    |
| 465 |   | Mar | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 942,010 |                                      |   |                |                    |
| 466 |   | Apr | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 942,635 |                                      |   |                |                    |
| 467 |   | May | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 943,211 |                                      |   |                |                    |
| 468 |   | Jun | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 943,788 |                                      |   |                |                    |
| 469 |   | Jul | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 944,160 |                                      |   |                |                    |
| 470 |   | Aug | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 944,941 |                                      |   |                |                    |
| 471 |   | Sep | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 945,720 |                                      |   |                |                    |
| 472 |   | Oct | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 946,468 |                                      |   |                |                    |
| 473 |   | Nov | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 947,282 |                                      |   |                |                    |
| 474 |   | Dec | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 948,095 |                                      |   |                |                    |
| 475 |   |     |    |   |   |    |    |    |    |     |         |                                      |   |                |                    |
| 476 | 2027  | Jan | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 949,134 |                                      |   |                |                    |
| 477 |   | Feb | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 949,722 |                                      |   |                |                    |
| 478 |   | Mar | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 950,310 |                                      |   |                |                    |
| 479 |   | Apr | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 950,927 |                                      |   |                |                    |
| 480 |   | May | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 951,487 |                                      |   |                |                    |
| 481 |   | Jun | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 952,048 |                                      |   |                |                    |
| 482 |   | Jul | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 952,405 |                                      |   |                |                    |
| 483 |   | Aug | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 953,170 |                                      |   |                |                    |
| 484 |   | Sep | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 953,935 |                                      |   |                |                    |
| 485 |   | Oct | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 954,666 |                                      |   |                |                    |
| 486 |   | Nov | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 955,467 |                                      |   |                |                    |
| 487 |   | Dec | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 956,268 |                                      |   |                |                    |
| 488 |   |     |    |   |   |    |    |    |    |     |         |                                      |   |                |                    |
| 489 | 2028  | Jan | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 957,292 |                                      |   |                |                    |
| 490 |   | Feb | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 957,870 |                                      |   |                |                    |
| 491 |   | Mar | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 958,446 |                                      |   |                |                    |
| 492 |   | Apr | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 959,048 |                                      |   |                |                    |
| 493 |   | May | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 959,599 |                                      |   |                |                    |
| 494 |   | Jun | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 960,151 |                                      |   |                |                    |
| 495 |   | Jul | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 960,497 |                                      |   |                |                    |
| 496 |   | Aug | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 961,253 |                                      |   |                |                    |
| 497 |   | Sep | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 962,009 |                                      |   |                |                    |
| 498 |   | Oct | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 962,729 |                                      |   |                |                    |
| 499 |   | Nov | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 963,523 |                                      |   |                |                    |
| 500 |   | Dec | 80 | 3 | 5 | 10 | 83 | 15 | 98 | 156 | 964,316 |                                      |   |                |                    |

## **SoCalGas Noncore Retail Gas Demand**

# **SoCalGas Noncore Retail Gas Demand**

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**SOCALGAS NONCORE COMMERCIAL  
GAS DEMAND FORECAST**

# SoCalGas Noncore Commercial Gas Demand

## Introduction

The purpose of these workpapers is to document the methodology used to forecast demand for SoCalGas' noncore commercial market. Noncore commercial customers are determined by the NAICS (North American Industrial Classification System) code on the billing record. The final demand forecast for the noncore commercial market is estimated by the output from a base econometric forecast and some "out-of-model" (post-model) adjustments, including CPUC-authorized energy efficiency goal and core to noncore migration.

## Data Sources

### A. Historical Billing Data

Monthly historical gas consumption for the noncore commercial market was obtained from SoCalGas' billing records for 2010-2021.

### B. Natural Gas Price

The natural gas prices used to forecast demand were based on the price of gas at the burner-tip for noncore commercial customers, which is composed of the gas commodity cost, transportation rate (G-30 tariff rate), and Public Purpose Program surcharge. The cost of gas delivered to the SoCalGas "city gate" was used for the gas commodity cost. Since the G-30 tariff rate is priced according to tier, calculations were made to arrive at the overall average transportation rates from historical usage in 2021. The average rate is calculated from the weighted average rate at each tier.

### C. HDD data

For the base econometric forecast model, SoCalGas recorded monthly system Hdd data are used for historical data, and average year weather design Hdd data are used for forecasting period.

### D. Employment

Employment, as a measure of economic activity, is used to drive the noncore commercial demand forecast models. The employment forecast through 2028 is based on Global Insight's November 2021 Regional forecast. Global Insight prepares regular regional employment forecast for California and the aggregated six largest counties' Metropolitan Statistical Area (MSA) in SoCalGas' service area. (The six counties – Kern, Los Angeles, Orange, Riverside, San Bernardino, and Ventura – account for about 85% of the service area's total population and employment). The historical employment data used was derived from the California Employment

Development Department (EDD) for the 12 counties served by SoCalGas. The monthly employment used in the model was generally by summing the employment data over the commercial and industrial NAICS codes.

### **E. Post-Model Adjustment**

Once the base econometric forecast model generated the base forecast, post-model adjustments were made to account for effects the model is not designed to simulate. Energy savings goals that were authorized by the CPUC in decision D.04-09-060 and migration of customers between noncore and core service has been observed to the extent that the net-migration is from core to noncore. An outlook for this net load migration, split between commercial and industrial sectors was developed and results in a *subtraction* from the respective core sector and a corresponding *addition* to the respective noncore sector.

### **Base Forecast Model**

Noncore Commercial consumption are forecasted using a base econometric employing monthly historical data from 2010 through 2021. To model the dependent variable (consumption as Mdth), the independent variables are HDD, Employment, Gas burner-tip price, monthly dummy variables, and autoregressive terms to correct for any autocorrelation that may be present in the model errors.

Noncore Commercial and Industrial Gas Transportation Rates

| Gas Transp. Forecast from Rate Design (Nominal Cents per Therm) |                |                         |            |            |            |            | Trans Option: "Class Average" |            |            | Trans Option: "Reservation"       |            |            |                       |       |            |
|---|----------------|-------------------------|------------|------------|------------|------------|-------------------------------|------------|------------|-----------------------------------|------------|------------|-----------------------|-------|------------|
| Year  | PPP<br>(¢/Thm) | Dcharge<br>(\$/mo /mtr) | D1 (¢/Thm) | D2 (¢/Thm) | D3 (¢/Thm) | D4 (¢/Thm) | Tcharge<br>(\$/mo /mtr)       | T1 (¢/Thm) | T2 (¢/Thm) | Tcharge<br>(¢/Thm/day<br>per Mtr) | T1 (¢/Thm) | T2 (¢/Thm) | GHG Credit<br>(¢/Thm) | CPI   | BTS \$/Dth |
| 2021  | 5.34           | \$350                   | 34.80      | 24.12      | 17.28      | 12.40      | \$0                           | 8.12       | 8.12       | 1.06                              | 6.55       | 6.55       | -4.529                | 1.000 | 0.401      |
| 2022  | 6.01           | \$350                   | 40.22      | 29.36      | 22.42      | 17.46      | \$0                           | 14.13      | 14.13      | 1.07                              | 12.55      | 12.55      | -10.911               | 1.050 | 0.368      |
| 2023  | 6.11           | \$350                   | 41.50      | 30.13      | 22.85      | 17.66      | \$0                           | 14.78      | 14.78      | 1.46                              | 12.61      | 12.61      | -10.911               | 1.071 | 0.547      |
| 2024  | 6.24           | \$350                   | 42.01      | 30.41      | 22.99      | 17.68      | \$0                           | 14.73      | 14.73      | 1.47                              | 12.56      | 12.56      | -10.911               | 1.093 | 0.547      |
| 2025  | 6.37           | \$350                   | 42.61      | 30.76      | 23.18      | 17.76      | \$0                           | 14.72      | 14.72      | 1.47                              | 12.55      | 12.55      | -10.911               | 1.116 | 0.547      |
| 2026  | 6.52           | \$350                   | 43.30      | 31.16      | 23.40      | 17.85      | \$0                           | 14.73      | 14.73      | 1.47                              | 12.55      | 12.55      | -10.911               | 1.140 | 0.547      |
| 2027  | 6.68           | \$350                   | 44.02      | 31.59      | 23.64      | 17.95      | \$0                           | 14.74      | 14.74      | 1.48                              | 12.55      | 12.55      | -10.911               | 1.167 | 0.547      |
| 2028  | 6.85           | \$350                   | 44.79      | 32.04      | 23.89      | 18.06      | \$0                           | 14.75      | 14.75      | 1.49                              | 12.55      | 12.55      | -10.911               | 1.194 | 0.547      |

### 2021 Noncore Commercial Weight of Usage by Tier

|              |        |
|--------------|--------|
| Distribution | 95.67% |
| Transmission | 4.33%  |

| Tier | % of Group | % of Total |
|------|------------|------------|
| D1   | 26.76%     | 25.6%      |
| D2   | 39.90%     | 38.2%      |
| D3   | 15.88%     | 15.2%      |
| D4   | 17.46%     | 16.7%      |
| T1   | 99.05%     | 4.3%       |
| T2   | 0.95%      | 0.0%       |
|      |            | 100.0%     |

## Example Calculation for 2025 August Noncore Commercial Gas Price

|  |               |  |
|--|---------------|--|
| <p><b>Transportation Charge (¢/Thm):</b><br/>(including GHG)</p> | <p>36.143</p> | <p>= + (95.67% Ind Dist of total Ind) * { ( 26.76%*42.61 ¢/Thm + 39.90%* 30.76 ¢/Thm + 15.88%* 23.18 ¢/Thm + 17.46%* 17.76 ¢/Thm ) }<br/>         + ( 4.33% Ind Trans of total Ind) * { ( 99.05%* 14.72 ¢/Thm+0.95%* 14.72¢/Thm) }<br/>         + PPP Surcharge (¢/Thm): 6.370¢/Thm, in 2025</p> |
| <p><b>Gas Commodity Price (¢/Thm):</b></p>                       | <p>39.473</p> | <p>= ( market price of gas at the SoCalGas City Gate)</p>  |
| <p><b>Customer's "Burner-Tip" Price:</b></p>                     | <p>75.616</p> | <p>= ( 36.143 + 39.473 ) ¢/Thm (Final Average nominal price)</p>   |
| <p><b>CPI (Yr 2021 = 100)</b></p>                                | <p>1.118</p>  |  |
| <p><b>Real Price -2021 (¢/Thm)</b></p>                           | <p>67.611</p> |  |
| <p><b>Real Price -2021 \$/Dth</b></p>                            | <p>6.761</p>  | <p>(Final Average 2021 real price)</p>   |

Below are SAS base econometric forecast model results.

**The AUTOREG Procedure**

| Maximum Likelihood Estimates |            |  |            |
|------------------------------|------------|--|------------|
| <b>SSE</b>                   | 577023.541 | <b>DFE</b>                             | 128        |
| <b>MSE</b>                   | 4508       | <b>Root MSE</b>                        | 67.14161   |
| <b>SBC</b>                   | 1683.32242 | <b>AIC</b>                             | 1635.80541 |
| <b>MAE</b>                   | 42.280703  | <b>AICC</b>                            | 1640.08887 |
| <b>MAPE</b>                  | 2.87197891 | <b>HQC</b>                             | 1655.11364 |
| <b>Log Likelihood</b>        | -801.90271 | <b>Transformed Regression R-Square</b> | 0.8652     |
| <b>Durbin-Watson</b>         | 1.8998     | <b>Total R-Square</b>                  | 0.9219     |
|                              |            | <b>Observations</b>                    | 144        |

| Parameter Estimates |    |           |                |         |                |
|---------------------|----|-----------|----------------|---------|----------------|
| Variable            | DF | Estimate  | Standard Error | t Value | Approx Pr >  t |
| <b>Intercept</b>    | 1  | 1351      | 254.4345       | 5.31    | <.0001         |
| <b>HDD</b>          | 1  | 1.2566    | 0.1547         | 8.12    | <.0001         |
| <b>Employment</b>   | 1  | 25.1886   | 28.0506        | 0.90    | 0.3709         |
| <b>Price</b>        | 1  | -10.9049  | 7.8618         | -1.39   | 0.1678         |
| <b>Month_01</b>     | 1  | 11.0762   | 23.3364        | 0.47    | 0.6359         |
| <b>Month_02</b>     | 1  | -131.2635 | 29.6171        | -4.43   | <.0001         |
| <b>Month_03</b>     | 1  | -35.7148  | 35.9421        | -0.99   | 0.3223         |
| <b>Month_04</b>     | 1  | -148.1492 | 44.9382        | -3.30   | 0.0013         |
| <b>Month_05</b>     | 1  | -178.6929 | 48.8993        | -3.65   | 0.0004         |
| <b>Month_06</b>     | 1  | -280.4717 | 53.4428        | -5.25   | <.0001         |
| <b>Month_07</b>     | 1  | -297.4440 | 54.2184        | -5.49   | <.0001         |
| <b>Month_08</b>     | 1  | -241.5884 | 53.1966        | -4.54   | <.0001         |
| <b>Month_09</b>     | 1  | 77.8645   | 52.6510        | 1.48    | 0.1416         |
| <b>Month_10</b>     | 1  | -51.8989  | 48.0246        | -1.08   | 0.2819         |
| <b>Month_11</b>     | 1  | -140.2687 | 32.2760        | -4.35   | <.0001         |
| <b>AR1</b>          | 1  | -0.6514   | 0.0674         | -9.67   | <.0001         |

The table below shows the base noncore Commercial gas demand forecast from econometric model before post-model adjustment.

### Base Forecast of Noncore Commercial Gas Demand (2022-2028)

| Month  | HDD   | Employment | Price | Month<br>_01 | Month<br>_02 | Month<br>_03 | Month<br>_04 | Month<br>_05 | Month<br>_06 | Month<br>_07 | Month<br>_08 | Month<br>_09 | Month<br>_10 | Month<br>_11 | Forecast<br>Mdth |
|--------|-------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|
| Jan-22 | 254.4 | 8.287      | 8.494 | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,783.2          |
| Feb-22 | 218.0 | 8.357      | 7.976 | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,607.7          |
| Mar-22 | 166.1 | 8.355      | 8.229 | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,638.6          |
| Apr-22 | 102.6 | 8.542      | 7.360 | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,462.9          |
| May-22 | 47.1  | 8.634      | 7.295 | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 1,367.0          |
| Jun-22 | 9.7   | 8.763      | 7.698 | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 1,218.0          |
| Jul-22 | 2.0   | 8.625      | 8.832 | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 1,176.2          |
| Aug-22 | 1.7   | 8.698      | 8.942 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 1,232.8          |
| Sep-22 | 4.5   | 8.769      | 8.352 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 1,564.1          |
| Oct-22 | 30.3  | 8.787      | 7.528 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 1,476.4          |
| Nov-22 | 123.3 | 8.863      | 8.301 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 1,498.6          |
| Dec-22 | 282.3 | 8.827      | 9.295 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,826.9          |
| Jan-23 | 253.2 | 8.474      | 7.950 | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,807.2          |
| Feb-23 | 216.9 | 8.547      | 8.861 | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,611.2          |
| Mar-23 | 165.2 | 8.545      | 7.750 | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,653.9          |
| Apr-23 | 102.1 | 8.645      | 6.472 | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,478.7          |
| May-23 | 46.9  | 8.736      | 6.347 | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 1,382.3          |
| Jun-23 | 9.6   | 8.865      | 6.388 | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 1,236.6          |
| Jul-23 | 2.0   | 8.652      | 7.461 | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 1,193.0          |
| Aug-23 | 1.7   | 8.725      | 7.533 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 1,249.5          |
| Sep-23 | 4.5   | 8.797      | 7.035 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 1,579.7          |
| Oct-23 | 30.2  | 8.830      | 8.235 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 1,470.0          |
| Nov-23 | 122.7 | 8.906      | 7.819 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 1,504.4          |
| Dec-23 | 280.9 | 8.870      | 8.389 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,836.3          |
| Jan-24 | 251.9 | 8.507      | 8.393 | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,801.7          |
| Feb-24 | 215.9 | 8.581      | 8.010 | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,620.1          |
| Mar-24 | 164.4 | 8.579      | 7.531 | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,656.2          |
| Apr-24 | 101.6 | 8.675      | 6.790 | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,475.4          |
| May-24 | 46.6  | 8.764      | 6.698 | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 1,379.0          |
| Jun-24 | 9.6   | 8.891      | 6.697 | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 1,233.8          |
| Jul-24 | 2.0   | 8.690      | 7.319 | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 1,195.5          |
| Aug-24 | 1.7   | 8.764      | 7.373 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 1,252.3          |
| Sep-24 | 4.4   | 8.836      | 7.212 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 1,578.7          |
| Oct-24 | 30.0  | 8.859      | 6.638 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 1,487.9          |
| Nov-24 | 122.2 | 8.934      | 6.929 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 1,514.0          |
| Dec-24 | 279.5 | 8.899      | 7.769 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,842.0          |



### Base Forecast of Noncore Commercial Gas Demand (2022-2028)

| Month  | HDD   | Employment | Price | Month<br>_01 | Month<br>_02 | Month<br>_03 | Month<br>_04 | Month<br>_05 | Month<br>_06 | Month<br>_07 | Month<br>_08 | Month<br>_09 | Month<br>_10 | Month<br>_11 | Forecast<br>Mdth |
|--------|-------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|
| Jan-25 | 250.7 | 8.544      | 7.759 | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,808.0          |
| Feb-25 | 214.8 | 8.618      | 7.552 | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,624.7          |
| Mar-25 | 163.6 | 8.617      | 7.033 | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,661.6          |
| Apr-25 | 101.1 | 8.720      | 6.454 | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,479.5          |
| May-25 | 46.4  | 8.809      | 6.327 | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 1,383.8          |
| Jun-25 | 9.5   | 8.934      | 6.365 | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 1,238.4          |
| Jul-25 | 2.0   | 8.738      | 6.638 | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 1,204.1          |
| Aug-25 | 1.7   | 8.813      | 6.761 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 1,260.1          |
| Sep-25 | 4.4   | 8.885      | 6.690 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 1,585.6          |
| Oct-25 | 29.9  | 8.914      | 6.549 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 1,490.1          |
| Nov-25 | 121.6 | 8.989      | 6.722 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 1,516.9          |
| Dec-25 | 278.2 | 8.955      | 7.328 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,846.5          |
| Jan-26 | 249.5 | 8.602      | 7.526 | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,810.5          |
| Feb-26 | 213.8 | 8.677      | 7.340 | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,627.2          |
| Mar-26 | 162.8 | 8.675      | 7.022 | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,662.2          |
| Apr-26 | 100.7 | 8.781      | 6.466 | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,480.3          |
| May-26 | 46.2  | 8.870      | 6.405 | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 1,384.2          |
| Jun-26 | 9.5   | 8.995      | 6.416 | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 1,239.3          |
| Jul-26 | 2.0   | 8.796      | 6.559 | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 1,206.4          |
| Aug-26 | 1.7   | 8.871      | 6.676 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 1,262.5          |
| Sep-26 | 4.4   | 8.944      | 6.592 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 1,588.1          |
| Oct-26 | 29.7  | 8.968      | 6.450 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 1,492.3          |
| Nov-26 | 121.0 | 9.043      | 6.750 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 1,517.2          |
| Dec-26 | 276.8 | 9.009      | 7.179 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,847.8          |
| Jan-27 | 248.3 | 8.651      | 7.383 | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,811.8          |
| Feb-27 | 212.7 | 8.727      | 7.219 | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,628.4          |
| Mar-27 | 162.0 | 8.725      | 6.959 | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,663.1          |
| Apr-27 | 100.2 | 8.826      | 6.404 | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,481.5          |
| May-27 | 46.0  | 8.915      | 6.361 | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 1,385.5          |
| Jun-27 | 9.4   | 9.039      | 6.365 | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 1,241.0          |
| Jul-27 | 2.0   | 8.835      | 6.497 | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 1,208.1          |
| Aug-27 | 1.7   | 8.910      | 6.600 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 1,264.3          |
| Sep-27 | 4.4   | 8.983      | 6.514 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 1,589.9          |
| Oct-27 | 29.6  | 9.006      | 6.363 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 1,494.0          |
| Nov-27 | 120.4 | 9.081      | 6.643 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 1,518.6          |
| Dec-27 | 275.5 | 9.047      | 7.062 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,848.3          |

**Base Forecast of Noncore Commercial Gas Demand (2022-2028)**

| Month  | HDD   | Employment | Price | Month<br>_01 | Month<br>_02 | Month<br>_03 | Month<br>_04 | Month<br>_05 | Month<br>_06 | Month<br>_07 | Month<br>_08 | Month<br>_09 | Month<br>_10 | Month<br>_11 | Forecast<br>Mdth |
|--------|-------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|
| Jan-28 | 247.0 | 8.687      | 7.276 | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,812.3          |
| Feb-28 | 211.6 | 8.763      | 7.141 | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,628.9          |
| Mar-28 | 161.2 | 8.761      | 6.905 | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,663.6          |
| Apr-28 | 99.7  | 8.862      | 6.374 | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,482.1          |
| May-28 | 45.7  | 8.951      | 6.323 | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 1,386.6          |
| Jun-28 | 9.4   | 9.075      | 6.325 | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 1,242.3          |
| Jul-28 | 2.0   | 8.869      | 6.457 | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 1,209.3          |
| Aug-28 | 1.7   | 8.944      | 6.561 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 1,265.6          |
| Sep-28 | 4.3   | 9.017      | 6.480 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 1,591.1          |
| Oct-28 | 29.4  | 9.038      | 6.316 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 1,495.2          |
| Nov-28 | 119.8 | 9.113      | 6.586 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 1,519.3          |
| Dec-28 | 274.1 | 9.079      | 6.949 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,848.7          |

**Noncore Commercial Annual Post-model Adjustment (2021-2028)**

| Year | Base<br>Econometric<br>Model Output<br>(MDth) | Vernon<br>Migration | EE<br>Program<br>(MDth) | Migration:<br>core --><br>noncore | Final Average<br>Year Forecast<br>(MDth) | Adjustment % |
|------|---|---------------------|-------------------------|-----------------------------------|--|--------------|
| 2021 | 17,982.5                                      | 0.0                 | 0.0                     | 0.0                               | 17,982.5                                 | 0.00%        |
| 2022 | 17,852.5                                      | 0.0                 | 22.3                    | 389.5                             | 18,219.7                                 | 2.06%        |
| 2023 | 18,002.7                                      | 0.0                 | 46.7                    | 389.5                             | 18,345.5                                 | 1.90%        |
| 2024 | 18,036.6                                      | 0.0                 | 70.7                    | 389.5                             | 18,355.4                                 | 1.77%        |
| 2025 | 18,099.5                                      | 0.0                 | 95.7                    | 389.5                             | 18,393.3                                 | 1.62%        |
| 2026 | 18,118.1                                      | 0.0                 | 116.6                   | 389.5                             | 18,391.0                                 | 1.51%        |
| 2027 | 18,134.6                                      | 0.0                 | 138.5                   | 389.5                             | 18,385.6                                 | 1.38%        |
| 2028 | 18,144.9                                      | 0.0                 | 160.5                   | 389.5                             | 18,373.9                                 | 1.26%        |

**Noncore Commercial Monthly Post-model Adjustment (2022-2028)**

| Month  | Base<br>Econometric<br>Model Output<br>(Mdth) | Average Year<br>Adjustment % | Final Average<br>Year Forecast<br>(Mdth) |
|--------|---|------------------------------|--|
| Jan-22 | 1,783.2                                       | 2.06%                        | 1,819.9                                  |
| Feb-22 | 1,607.7                                       | 2.06%                        | 1,640.8                                  |
| Mar-22 | 1,638.6                                       | 2.06%                        | 1,672.3                                  |
| Apr-22 | 1,462.9                                       | 2.06%                        | 1,493.0                                  |
| May-22 | 1,367.0                                       | 2.06%                        | 1,395.1                                  |
| Jun-22 | 1,218.0                                       | 2.06%                        | 1,243.1                                  |
| Jul-22 | 1,176.2                                       | 2.06%                        | 1,200.4                                  |
| Aug-22 | 1,232.8                                       | 2.06%                        | 1,258.1                                  |
| Sep-22 | 1,564.1                                       | 2.06%                        | 1,596.3                                  |
| Oct-22 | 1,476.4                                       | 2.06%                        | 1,506.8                                  |
| Nov-22 | 1,498.6                                       | 2.06%                        | 1,529.4                                  |
| Dec-22 | 1,826.9                                       | 2.06%                        | 1,864.4                                  |
| Jan-23 | 1,807.2                                       | 1.90%                        | 1,841.6                                  |
| Feb-23 | 1,611.2                                       | 1.90%                        | 1,641.9                                  |
| Mar-23 | 1,653.9                                       | 1.90%                        | 1,685.4                                  |
| Apr-23 | 1,478.7                                       | 1.90%                        | 1,506.8                                  |
| May-23 | 1,382.3                                       | 1.90%                        | 1,408.6                                  |
| Jun-23 | 1,236.6                                       | 1.90%                        | 1,260.1                                  |
| Jul-23 | 1,193.0                                       | 1.90%                        | 1,215.7                                  |
| Aug-23 | 1,249.5                                       | 1.90%                        | 1,273.3                                  |
| Sep-23 | 1,579.7                                       | 1.90%                        | 1,609.7                                  |
| Oct-23 | 1,470.0                                       | 1.90%                        | 1,497.9                                  |
| Nov-23 | 1,504.4                                       | 1.90%                        | 1,533.0                                  |
| Dec-23 | 1,836.3                                       | 1.90%                        | 1,871.2                                  |
| Jan-24 | 1,801.7                                       | 1.77%                        | 1,833.6                                  |
| Feb-24 | 1,620.1                                       | 1.77%                        | 1,648.7                                  |
| Mar-24 | 1,656.2                                       | 1.77%                        | 1,685.5                                  |
| Apr-24 | 1,475.4                                       | 1.77%                        | 1,501.4                                  |
| May-24 | 1,379.0                                       | 1.77%                        | 1,403.3                                  |
| Jun-24 | 1,233.8                                       | 1.77%                        | 1,255.6                                  |
| Jul-24 | 1,195.5                                       | 1.77%                        | 1,216.6                                  |
| Aug-24 | 1,252.3                                       | 1.77%                        | 1,274.4                                  |
| Sep-24 | 1,578.7                                       | 1.77%                        | 1,606.6                                  |
| Oct-24 | 1,487.9                                       | 1.77%                        | 1,514.2                                  |
| Nov-24 | 1,514.0                                       | 1.77%                        | 1,540.8                                  |
| Dec-24 | 1,842.0                                       | 1.77%                        | 1,874.6                                  |
| Jan-25 | 1,808.0                                       | 1.62%                        | 1,837.4                                  |
| Feb-25 | 1,624.7                                       | 1.62%                        | 1,651.1                                  |
| Mar-25 | 1,661.6                                       | 1.62%                        | 1,688.6                                  |
| Apr-25 | 1,479.5                                       | 1.62%                        | 1,503.6                                  |
| May-25 | 1,383.8                                       | 1.62%                        | 1,406.3                                  |
| Jun-25 | 1,238.4                                       | 1.62%                        | 1,258.5                                  |
| Jul-25 | 1,204.1                                       | 1.62%                        | 1,223.7                                  |
| Aug-25 | 1,260.1                                       | 1.62%                        | 1,280.6                                  |
| Sep-25 | 1,585.6                                       | 1.62%                        | 1,611.3                                  |
| Oct-25 | 1,490.1                                       | 1.62%                        | 1,514.3                                  |
| Nov-25 | 1,516.9                                       | 1.62%                        | 1,541.6                                  |
| Dec-25 | 1,846.5                                       | 1.62%                        | 1,876.5                                  |

**Noncore Commercial Monthly Post-model Adjustment (2022-2028)**

| Month  | Base<br>Econometric<br>Model Output<br>(Mdth) | Average Year<br>Adjustment % | Final Average<br>Year Forecast<br>(Mdth) |
|--------|---|------------------------------|--|
| Jan-26 | 1,810.5                                       | 1.51%                        | 1,837.8                                  |
| Feb-26 | 1,627.2                                       | 1.51%                        | 1,651.7                                  |
| Mar-26 | 1,662.2                                       | 1.51%                        | 1,687.2                                  |
| Apr-26 | 1,480.3                                       | 1.51%                        | 1,502.6                                  |
| May-26 | 1,384.2                                       | 1.51%                        | 1,405.1                                  |
| Jun-26 | 1,239.3                                       | 1.51%                        | 1,258.0                                  |
| Jul-26 | 1,206.4                                       | 1.51%                        | 1,224.6                                  |
| Aug-26 | 1,262.5                                       | 1.51%                        | 1,281.5                                  |
| Sep-26 | 1,588.1                                       | 1.51%                        | 1,612.0                                  |
| Oct-26 | 1,492.3                                       | 1.51%                        | 1,514.8                                  |
| Nov-26 | 1,517.2                                       | 1.51%                        | 1,540.1                                  |
| Dec-26 | 1,847.8                                       | 1.51%                        | 1,875.6                                  |
| Jan-27 | 1,811.8                                       | 1.38%                        | 1,836.8                                  |
| Feb-27 | 1,628.4                                       | 1.38%                        | 1,651.0                                  |
| Mar-27 | 1,663.1                                       | 1.38%                        | 1,686.1                                  |
| Apr-27 | 1,481.5                                       | 1.38%                        | 1,502.0                                  |
| May-27 | 1,385.5                                       | 1.38%                        | 1,404.7                                  |
| Jun-27 | 1,241.0                                       | 1.38%                        | 1,258.1                                  |
| Jul-27 | 1,208.1                                       | 1.38%                        | 1,224.8                                  |
| Aug-27 | 1,264.3                                       | 1.38%                        | 1,281.8                                  |
| Sep-27 | 1,589.9                                       | 1.38%                        | 1,611.9                                  |
| Oct-27 | 1,494.0                                       | 1.38%                        | 1,514.7                                  |
| Nov-27 | 1,518.6                                       | 1.38%                        | 1,539.6                                  |
| Dec-27 | 1,848.3                                       | 1.38%                        | 1,873.9                                  |
| Jan-28 | 1,812.3                                       | 1.26%                        | 1,835.1                                  |
| Feb-28 | 1,628.9                                       | 1.26%                        | 1,649.4                                  |
| Mar-28 | 1,663.6                                       | 1.26%                        | 1,684.6                                  |
| Apr-28 | 1,482.1                                       | 1.26%                        | 1,500.8                                  |
| May-28 | 1,386.6                                       | 1.26%                        | 1,404.1                                  |
| Jun-28 | 1,242.3                                       | 1.26%                        | 1,257.9                                  |
| Jul-28 | 1,209.3                                       | 1.26%                        | 1,224.6                                  |
| Aug-28 | 1,265.6                                       | 1.26%                        | 1,281.6                                  |
| Sep-28 | 1,591.1                                       | 1.26%                        | 1,611.2                                  |
| Oct-28 | 1,495.2                                       | 1.26%                        | 1,514.1                                  |
| Nov-28 | 1,519.3                                       | 1.26%                        | 1,538.5                                  |
| Dec-28 | 1,848.7                                       | 1.26%                        | 1,872.0                                  |

**SOCALGAS NONCORE INDUSTRIAL NON-REFINERY  
GAS DEMAND FORECAST**

# SoCalGas Noncore Industrial Non-Refinery Gas Demand

## Introduction

The purpose of these workpapers is to document the methodology used to forecast demand for SoCalGas' noncore industrial non-refinery market. Noncore industrial customers are determined by the NAICS (North American Industrial Classification System) code on the billing record. The final demand forecast for the noncore industrial non-refinery market is estimated by the output from a base econometric forecast and some "out-of-model" (post-model) adjustments, including CPUC-authorized energy efficiency goal, core to noncore migration, and expected load leaving SoCalGas' retail service for service by the City of Vernon.

## Data Sources

### A. Historical Billing Data

Monthly historical gas consumption for the noncore industrial non-refinery market was obtained from SoCalGas' billing records for 2010-2021.

### B. Natural Gas Price

The natural gas prices used to forecast demand were based on the price of gas at the burner-tip for noncore industrial non-refinery customers, which is composed of the gas commodity cost, transportation rate (G-30 tariff rate), and Public Purpose Program surcharge. The cost of gas delivered to the SoCalGas "city gate" was used for the gas commodity cost. Since the G-30 tariff rate is priced according to tier, calculations were made to arrive at the overall average transportation rates from historical usage in 2021. The average rate is calculated from the weighted average rate at each tier.

### C. HDD data

For the base econometric forecast model, SoCalGas recorded monthly system Hdd data are used for historical data, and average year weather design Hdd data are used for forecasting period.

### D. Employment

Employment, as a measure of economic activity, is used to drive the noncore industrial non-refinery demand forecast models. The employment forecast through 2028 is based on Global Insight's November 2021 Regional forecast. Global Insight prepares regular regional employment forecast for California and the aggregated six largest counties' Metropolitan Statistical Area (MSA) in SoCalGas' service area. (The six counties – Kern, Los Angeles, Orange, Riverside, San Bernardino, and

Ventura – account for about 85% of the service area’s total population and employment). The historical employment data used was derived from the California Employment Development Department (EDD) for the 12 counties served by SoCalGas. The monthly employment used in the model was generally by summing the employment data over the commercial and industrial NAICS codes.

#### **E. Post-Model Adjustment**

Once the base econometric forecast model generated the base forecast, post-model adjustments were made to account for effects the model is not designed to simulate. Energy savings goals that were authorized by the CPUC in decision D.04-09-060 and expected load leaving SoCalGas’ retail service for service by the City of Vernon were subtracted from the model forecast. The gas load for these customers essentially transfers from retail to wholesale service. Migration of customers between noncore and core service has been observed to the extent that the net-migration is from core to noncore. An outlook for this net load migration, split between commercial and industrial sectors was developed and results in a *subtraction* from the respective core sector and a corresponding *addition* to the respective noncore sector.

#### **Base Forecast Model**

Noncore Industrial non-refinery consumption is forecasted using a base econometric employing monthly historical data from 2010 through 2021. To model the dependent variable (consumption as Mdth), the independent variables are HDD, Employment, Gas burner-tip price, monthly dummy variables, and autoregressive terms to correct for any autocorrelation that may be present in the model errors.



Noncore Commercial and Industrial Gas Transportation Rates

| Gas Transp. Forecast from Rate Design (Nominal Cents per Therm) |                |                         |            |            |            |            | Trans Option: "Class Average" |            |            | Trans Option: "Reservation"       |            |            |                       |       |            |
|---|----------------|-------------------------|------------|------------|------------|------------|-------------------------------|------------|------------|-----------------------------------|------------|------------|-----------------------|-------|------------|
| Year  | PPP<br>(¢/Thm) | Dcharge<br>(\$/mo /mtr) | D1 (¢/Thm) | D2 (¢/Thm) | D3 (¢/Thm) | D4 (¢/Thm) | Tcharge<br>(\$/mo /mtr)       | T1 (¢/Thm) | T2 (¢/Thm) | Tcharge<br>(¢/Thm/day<br>per Mtr) | T1 (¢/Thm) | T2 (¢/Thm) | GHG Credit<br>(¢/Thm) | CPI   | BTS \$/Dth |
| 2021  | 5.34           | \$350                   | 34.80      | 24.12      | 17.28      | 12.40      | \$0                           | 8.12       | 8.12       | 1.06                              | 6.55       | 6.55       | -4.529                | 1.000 | 0.401      |
| 2022  | 6.01           | \$350                   | 40.22      | 29.36      | 22.42      | 17.46      | \$0                           | 14.13      | 14.13      | 1.07                              | 12.55      | 12.55      | -10.911               | 1.050 | 0.368      |
| 2023  | 6.11           | \$350                   | 41.50      | 30.13      | 22.85      | 17.66      | \$0                           | 14.78      | 14.78      | 1.46                              | 12.61      | 12.61      | -10.911               | 1.071 | 0.547      |
| 2024  | 6.24           | \$350                   | 42.01      | 30.41      | 22.99      | 17.68      | \$0                           | 14.73      | 14.73      | 1.47                              | 12.56      | 12.56      | -10.911               | 1.093 | 0.547      |
| 2025  | 6.37           | \$350                   | 42.61      | 30.76      | 23.18      | 17.76      | \$0                           | 14.72      | 14.72      | 1.47                              | 12.55      | 12.55      | -10.911               | 1.116 | 0.547      |
| 2026  | 6.52           | \$350                   | 43.30      | 31.16      | 23.40      | 17.85      | \$0                           | 14.73      | 14.73      | 1.47                              | 12.55      | 12.55      | -10.911               | 1.140 | 0.547      |
| 2027  | 6.68           | \$350                   | 44.02      | 31.59      | 23.64      | 17.95      | \$0                           | 14.74      | 14.74      | 1.48                              | 12.55      | 12.55      | -10.911               | 1.167 | 0.547      |
| 2028  | 6.85           | \$350                   | 44.79      | 32.04      | 23.89      | 18.06      | \$0                           | 14.75      | 14.75      | 1.49                              | 12.55      | 12.55      | -10.911               | 1.194 | 0.547      |

## 2021 Noncore Industrial Non-Refinery Weight of Usage by Tier

|              |        |
|--------------|--------|
| Distribution | 94.81% |
| Transmission | 5.19%  |

| Tier | % of Group | % of Total |
|------|------------|------------|
| D1   | 15.27%     | 14.5%      |
| D2   | 28.95%     | 27.4%      |
| D3   | 17.40%     | 16.5%      |
| D4   | 38.38%     | 36.4%      |
| T1   | 31.69%     | 1.6%       |
| T2   | 68.31%     | 3.5%       |
|      |            | 100.0%     |

## Example Calculation for 2025 August Noncore Industrial Non-Refinery Gas Price

|  |               |   |
|--|---------------|---|
| <p><b>Transportation Charge (¢/Thm):</b><br/>(including GHG)</p> | <p>32.029</p> | <p>= + (94.81% Ind Dist of total Ind) * { ( 15.27%*42.61 ¢/Thm + 28.95%* 30.76 ¢/Thm + 17.40%* 23.18 ¢/Thm + 38.38%* 17.76 ¢/Thm ) }<br/>         + ( 5.19% Ind Trans of total Ind) * { ( 31.69%* 14.72 ¢/Thm+68.31%* 14.72¢/Thm) }<br/>         + PPP Surcharge (¢/Thm): 6.370¢/Thm, in 2025</p> |
| <p><b>Gas Commodity Price (¢/Thm):</b></p>                       | <p>39.473</p> | <p>= ( market price of gas at the SoCalGas City Gate)</p>   |
| <p><b>Customer's "Burner-Tip" Price:</b></p>                     | <p>71.502</p> | <p>= ( 32.029 + 39.473 ) ¢/Thm (Final Average nominal price)</p>  |
| <p><b>CPI (Yr 2021 = 100)</b></p>                                | <p>1.118</p>  |   |
| <p><b>Real Price -2021 (¢/Thm)</b></p>                           | <p>63.932</p> |   |
| <p><b>Real Price -2021 \$/Dth</b></p>                            | <p>6.393</p>  | <p>(Final Average 2021 real price)</p>  |

Below are SAS base econometric forecast model results.

**The AUTOREG Procedure**

| Maximum Likelihood Estimates |            |  |            |
|------------------------------|------------|--|------------|
| <b>SSE</b>                   | 1812775.43 | <b>DFE</b>                             | 128        |
| <b>MSE</b>                   | 14162      | <b>Root MSE</b>                        | 119.00550  |
| <b>SBC</b>                   | 1847.89544 | <b>AIC</b>                             | 1800.37843 |
| <b>MAE</b>                   | 85.2368364 | <b>AICC</b>                            | 1804.66189 |
| <b>MAPE</b>                  | 1.98978163 | <b>HQC</b>                             | 1819.68666 |
| <b>Log Likelihood</b>        | -884.18921 | <b>Transformed Regression R-Square</b> | 0.8416     |
| <b>Durbin-Watson</b>         | 1.9781     | <b>Total R-Square</b>                  | 0.8989     |
|                              |            | <b>Observations</b>                    | 144        |

  

| Parameter Estimates |    |          |                |         |                |
|---------------------|----|----------|----------------|---------|----------------|
| Variable            | DF | Estimate | Standard Error | t Value | Approx Pr >  t |
| Intercept           | 1  | 1095     | 518.3556       | 2.11    | 0.0366         |
| HDD                 | 1  | 0.4092   | 0.2799         | 1.46    | 0.1462         |
| Employment          | 1  | 3.7778   | 0.6893         | 5.48    | <.0001         |
| Price               | 1  | -16.6990 | 11.8088        | -1.41   | 0.1598         |
| Month_01            | 1  | 273.4393 | 41.5605        | 6.58    | <.0001         |
| Month_02            | 1  | -18.8902 | 51.6922        | -0.37   | 0.7154         |
| Month_03            | 1  | 364.9462 | 61.2643        | 5.96    | <.0001         |
| Month_04            | 1  | 429.8263 | 76.0570        | 5.65    | <.0001         |
| Month_05            | 1  | 520.7200 | 83.3136        | 6.25    | <.0001         |
| Month_06            | 1  | 371.3747 | 91.9600        | 4.04    | <.0001         |
| Month_07            | 1  | 792.8907 | 93.0174        | 8.52    | <.0001         |
| Month_08            | 1  | 1150     | 92.4392        | 12.44   | <.0001         |
| Month_09            | 1  | 836.0985 | 91.7296        | 9.11    | <.0001         |
| Month_10            | 1  | 511.1468 | 85.2532        | 6.00    | <.0001         |
| Month_11            | 1  | 149.8781 | 58.5724        | 2.56    | 0.0117         |
| AR1                 | 1  | -0.4972  | 0.0794         | -6.26   | <.0001         |

The table below shows the base noncore Industrial non-refinery gas demand forecast from econometric model before post-model adjustment.

### Base Forecast of SoCalGas Noncore Industrial Non-Refinery Gas Demand (2022-2028)

| Month  | HDD   | Employment | Price | Month<br>_01 | Month<br>_02 | Month<br>_03 | Month<br>_04 | Month<br>_05 | Month<br>_06 | Month<br>_07 | Month<br>_08 | Month<br>_09 | Month<br>_10 | Month<br>_11 | Forecast<br>Mdth |
|--------|-------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|
| Jan-22 | 254.4 | 668.953    | 8.132 | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,937.7          |
| Feb-22 | 218.0 | 673.087    | 7.615 | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,617.6          |
| Mar-22 | 166.1 | 673.250    | 7.868 | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,958.1          |
| Apr-22 | 102.6 | 670.407    | 6.999 | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,991.6          |
| May-22 | 47.1  | 678.298    | 6.935 | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 4,086.1          |
| Jun-22 | 9.7   | 686.310    | 7.338 | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 3,942.7          |
| Jul-22 | 2.0   | 679.870    | 8.473 | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 4,316.7          |
| Aug-22 | 1.7   | 681.385    | 8.584 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 4,676.6          |
| Sep-22 | 4.5   | 681.279    | 7.994 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 4,373.4          |
| Oct-22 | 30.3  | 687.538    | 7.170 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 4,096.3          |
| Nov-22 | 123.3 | 687.315    | 7.944 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 3,759.2          |
| Dec-22 | 282.3 | 687.104    | 8.938 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,656.9          |
| Jan-23 | 253.2 | 680.148    | 7.578 | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,914.9          |
| Feb-23 | 216.9 | 684.485    | 8.490 | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,608.9          |
| Mar-23 | 165.2 | 684.692    | 7.379 | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,990.9          |
| Apr-23 | 102.1 | 680.541    | 6.102 | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 4,035.6          |
| May-23 | 46.9  | 688.821    | 5.978 | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 4,137.2          |
| Jun-23 | 9.6   | 697.006    | 6.019 | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 4,002.9          |
| Jul-23 | 2.0   | 691.845    | 7.092 | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 4,383.9          |
| Aug-23 | 1.7   | 693.311    | 7.165 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 4,744.8          |
| Sep-23 | 4.5   | 693.175    | 6.668 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 4,440.2          |
| Oct-23 | 30.2  | 689.041    | 7.868 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 4,090.1          |
| Nov-23 | 122.7 | 688.821    | 7.453 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 3,772.8          |
| Dec-23 | 280.9 | 688.575    | 8.024 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,677.2          |
| Jan-24 | 251.9 | 676.493    | 8.021 | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,893.2          |
| Feb-24 | 215.9 | 680.795    | 7.639 | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,608.7          |
| Mar-24 | 164.4 | 681.004    | 7.160 | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,980.3          |
| Apr-24 | 101.6 | 675.396    | 6.420 | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 4,010.6          |
| May-24 | 46.6  | 683.556    | 6.328 | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 4,111.4          |
| Jun-24 | 9.6   | 691.607    | 6.328 | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 3,977.3          |
| Jul-24 | 2.0   | 686.359    | 6.951 | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 4,365.5          |
| Aug-24 | 1.7   | 687.768    | 7.005 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 4,726.6          |
| Sep-24 | 4.4   | 687.665    | 6.845 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 4,416.4          |
| Oct-24 | 30.0  | 683.615    | 6.272 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 4,096.2          |
| Nov-24 | 122.2 | 683.377    | 6.564 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 3,766.8          |
| Dec-24 | 279.5 | 683.077    | 7.404 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,666.2          |

### Base Forecast of SoCalGas Noncore Industrial Non-Refinery Gas Demand (2022-2028)

| Month  | HDD   | Employment | Price | Month<br>_01 | Month<br>_02 | Month<br>_03 | Month<br>_04 | Month<br>_05 | Month<br>_06 | Month<br>_07 | Month<br>_08 | Month<br>_09 | Month<br>_10 | Month<br>_11 | Forecast<br>Mdth |
|--------|-------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|
| Jan-25 | 250.7 | 670.383    | 7.386 | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,880.2          |
| Feb-25 | 214.8 | 674.633    | 7.181 | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,592.6          |
| Mar-25 | 163.6 | 674.841    | 6.662 | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,965.0          |
| Apr-25 | 101.1 | 668.385    | 6.083 | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,989.6          |
| May-25 | 46.4  | 676.382    | 5.957 | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 4,090.4          |
| Jun-25 | 9.5   | 684.289    | 5.995 | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 3,955.2          |
| Jul-25 | 2.0   | 677.762    | 6.269 | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 4,344.4          |
| Aug-25 | 1.7   | 679.155    | 6.393 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 4,704.2          |
| Sep-25 | 4.4   | 679.091    | 6.323 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 4,392.7          |
| Oct-25 | 29.9  | 674.668    | 6.183 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 4,063.8          |
| Nov-25 | 121.6 | 674.399    | 6.356 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 3,736.2          |
| Dec-25 | 278.2 | 674.051    | 6.963 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,638.9          |
| Jan-26 | 249.5 | 662.324    | 7.153 | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,853.1          |
| Feb-26 | 213.8 | 666.507    | 6.968 | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,565.1          |
| Mar-26 | 162.8 | 666.717    | 6.650 | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,934.2          |
| Apr-26 | 100.7 | 661.968    | 6.094 | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,964.9          |
| May-26 | 46.2  | 669.755    | 6.035 | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 4,064.0          |
| Jun-26 | 9.5   | 677.549    | 6.046 | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 3,928.8          |
| Jul-26 | 2.0   | 672.590    | 6.190 | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 4,326.2          |
| Aug-26 | 1.7   | 673.993    | 6.307 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 4,686.2          |
| Sep-26 | 4.4   | 673.945    | 6.224 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 4,374.9          |
| Oct-26 | 29.7  | 671.355    | 6.082 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 4,052.9          |
| Nov-26 | 121.0 | 671.071    | 6.383 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 3,722.9          |
| Dec-26 | 276.8 | 670.696    | 6.813 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,628.2          |
| Jan-27 | 248.3 | 660.221    | 7.009 | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,847.1          |
| Feb-27 | 212.7 | 664.385    | 6.845 | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,558.7          |
| Mar-27 | 162.0 | 664.607    | 6.587 | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,926.9          |
| Apr-27 | 100.2 | 660.904    | 6.032 | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,961.8          |
| May-27 | 46.0  | 668.544    | 5.990 | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 4,060.0          |
| Jun-27 | 9.4   | 676.301    | 5.995 | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 3,925.0          |
| Jul-27 | 2.0   | 671.998    | 6.127 | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 4,325.0          |
| Aug-27 | 1.7   | 673.406    | 6.231 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 4,685.2          |
| Sep-27 | 4.4   | 673.360    | 6.145 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 4,374.0          |
| Oct-27 | 29.6  | 670.269    | 5.996 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 4,050.2          |
| Nov-27 | 120.4 | 669.976    | 6.276 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 3,720.3          |
| Dec-27 | 275.5 | 669.590    | 6.696 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,625.4          |

### Base Forecast of SoCalGas Noncore Industrial Non-Refinery Gas Demand (2022-2028)

| Month  | HDD   | Employment | Price | Month<br>_01 | Month<br>_02 | Month<br>_03 | Month<br>_04 | Month<br>_05 | Month<br>_06 | Month<br>_07 | Month<br>_08 | Month<br>_09 | Month<br>_10 | Month<br>_11 | Forecast<br>Mdth |
|--------|-------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|
| Jan-28 | 247.0 | 657.843    | 6.902 | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,839.4          |
| Feb-28 | 211.6 | 661.986    | 6.767 | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,550.5          |
| Mar-28 | 161.2 | 662.210    | 6.532 | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,918.5          |
| Apr-28 | 99.7  | 657.660    | 6.001 | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,949.8          |
| May-28 | 45.7  | 665.196    | 5.951 | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 4,047.9          |
| Jun-28 | 9.4   | 672.908    | 5.954 | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 3,912.8          |
| Jul-28 | 2.0   | 667.981    | 6.087 | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 4,310.5          |
| Aug-28 | 1.7   | 669.410    | 6.192 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 0            | 4,670.8          |
| Sep-28 | 4.3   | 669.380    | 6.111 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 4,359.5          |
| Oct-28 | 29.4  | 666.274    | 5.948 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 4,035.8          |
| Nov-28 | 119.8 | 665.967    | 6.218 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 3,705.9          |
| Dec-28 | 274.1 | 665.575    | 6.583 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3,611.6          |

**SoCalGas Noncore Industrial Non-Refinery Annual Post-model Adjustment (2021-2028)**

| Year | Base Econometric Model Output (MDth) | Vernon Migration | EE Program (MDth) | Migration: core --> noncore | Final Average Year Forecast (MDth) | Adjustment % |
|------|--------------------------------------|------------------|-------------------|-----------------------------|------------------------------------|--------------|
| 2021 | 48,478.3                             | 0.0              | 0.0               | 0.0                         | 48,478.3                           | 0.00%        |
| 2022 | 48,412.9                             | 28.7             | 69.8              | 495.7                       | 48,810.1                           | 0.82%        |
| 2023 | 48,799.3                             | 57.4             | 146.6             | 495.7                       | 49,091.1                           | 0.60%        |
| 2024 | 48,619.1                             | 86.1             | 221.7             | 495.7                       | 48,807.1                           | 0.39%        |
| 2025 | 48,353.2                             | 114.8            | 300.0             | 495.7                       | 48,434.1                           | 0.17%        |
| 2026 | 48,101.3                             | 143.5            | 365.7             | 495.7                       | 48,088.0                           | -0.03%       |
| 2027 | 48,059.5                             | 172.2            | 434.5             | 495.7                       | 47,948.7                           | -0.23%       |
| 2028 | 47,913.0                             | 200.8            | 503.3             | 495.7                       | 47,704.6                           | -0.43%       |



**SoCalGas Noncore Industrial Non-Refinery Monthly Post-model Adjustment (2022-2028)**

| Month  | Base<br>Econometric<br>Model Output<br>(Mdth) | Average Year<br>Adjustment % | Final Average<br>Year Forecast<br>(Mdth) |
|--------|---|------------------------------|--|
| Jan-22 | 3,937.7                                       | 0.82%                        | 3,970.0                                  |
| Feb-22 | 3,617.6                                       | 0.82%                        | 3,647.3                                  |
| Mar-22 | 3,958.1                                       | 0.82%                        | 3,990.6                                  |
| Apr-22 | 3,991.6                                       | 0.82%                        | 4,024.4                                  |
| May-22 | 4,086.1                                       | 0.82%                        | 4,119.6                                  |
| Jun-22 | 3,942.7                                       | 0.82%                        | 3,975.0                                  |
| Jul-22 | 4,316.7                                       | 0.82%                        | 4,352.1                                  |
| Aug-22 | 4,676.6                                       | 0.82%                        | 4,715.0                                  |
| Sep-22 | 4,373.4                                       | 0.82%                        | 4,409.3                                  |
| Oct-22 | 4,096.3                                       | 0.82%                        | 4,129.9                                  |
| Nov-22 | 3,759.2                                       | 0.82%                        | 3,790.1                                  |
| Dec-22 | 3,656.9                                       | 0.82%                        | 3,686.9                                  |
| Jan-23 | 3,914.9                                       | 0.60%                        | 3,938.3                                  |
| Feb-23 | 3,608.9                                       | 0.60%                        | 3,630.5                                  |
| Mar-23 | 3,990.9                                       | 0.60%                        | 4,014.8                                  |
| Apr-23 | 4,035.6                                       | 0.60%                        | 4,059.7                                  |
| May-23 | 4,137.2                                       | 0.60%                        | 4,162.0                                  |
| Jun-23 | 4,002.9                                       | 0.60%                        | 4,026.8                                  |
| Jul-23 | 4,383.9                                       | 0.60%                        | 4,410.1                                  |
| Aug-23 | 4,744.8                                       | 0.60%                        | 4,773.2                                  |
| Sep-23 | 4,440.2                                       | 0.60%                        | 4,466.7                                  |
| Oct-23 | 4,090.1                                       | 0.60%                        | 4,114.5                                  |
| Nov-23 | 3,772.8                                       | 0.60%                        | 3,795.4                                  |
| Dec-23 | 3,677.2                                       | 0.60%                        | 3,699.2                                  |
| Jan-24 | 3,893.2                                       | 0.39%                        | 3,908.2                                  |
| Feb-24 | 3,608.7                                       | 0.39%                        | 3,622.7                                  |
| Mar-24 | 3,980.3                                       | 0.39%                        | 3,995.7                                  |
| Apr-24 | 4,010.6                                       | 0.39%                        | 4,026.1                                  |
| May-24 | 4,111.4                                       | 0.39%                        | 4,127.3                                  |
| Jun-24 | 3,977.3                                       | 0.39%                        | 3,992.7                                  |
| Jul-24 | 4,365.5                                       | 0.39%                        | 4,382.4                                  |
| Aug-24 | 4,726.6                                       | 0.39%                        | 4,744.8                                  |
| Sep-24 | 4,416.4                                       | 0.39%                        | 4,433.5                                  |
| Oct-24 | 4,096.2                                       | 0.39%                        | 4,112.0                                  |
| Nov-24 | 3,766.8                                       | 0.39%                        | 3,781.4                                  |
| Dec-24 | 3,666.2                                       | 0.39%                        | 3,680.4                                  |
| Jan-25 | 3,880.2                                       | 0.17%                        | 3,886.7                                  |
| Feb-25 | 3,592.6                                       | 0.17%                        | 3,598.7                                  |
| Mar-25 | 3,965.0                                       | 0.17%                        | 3,971.6                                  |
| Apr-25 | 3,989.6                                       | 0.17%                        | 3,996.3                                  |
| May-25 | 4,090.4                                       | 0.17%                        | 4,097.2                                  |
| Jun-25 | 3,955.2                                       | 0.17%                        | 3,961.8                                  |
| Jul-25 | 4,344.4                                       | 0.17%                        | 4,351.7                                  |
| Aug-25 | 4,704.2                                       | 0.17%                        | 4,712.1                                  |
| Sep-25 | 4,392.7                                       | 0.17%                        | 4,400.1                                  |
| Oct-25 | 4,063.8                                       | 0.17%                        | 4,070.6                                  |
| Nov-25 | 3,736.2                                       | 0.17%                        | 3,742.4                                  |
| Dec-25 | 3,638.9                                       | 0.17%                        | 3,645.0                                  |

**SoCalGas Noncore Industrial Non-Refinery Monthly Post-model Adjustment (2022-2028)**

| Month  | Base<br>Econometric<br>Model Output<br>(Mdth) | Average Year<br>Adjustment % | Final Average<br>Year Forecast<br>(Mdth) |
|--------|---|------------------------------|--|
| Jan-26 | 3,853.1                                       | -0.03%                       | 3,852.1                                  |
| Feb-26 | 3,565.1                                       | -0.03%                       | 3,564.1                                  |
| Mar-26 | 3,934.2                                       | -0.03%                       | 3,933.1                                  |
| Apr-26 | 3,964.9                                       | -0.03%                       | 3,963.8                                  |
| May-26 | 4,064.0                                       | -0.03%                       | 4,062.8                                  |
| Jun-26 | 3,928.8                                       | -0.03%                       | 3,927.8                                  |
| Jul-26 | 4,326.2                                       | -0.03%                       | 4,325.0                                  |
| Aug-26 | 4,686.2                                       | -0.03%                       | 4,684.9                                  |
| Sep-26 | 4,374.9                                       | -0.03%                       | 4,373.7                                  |
| Oct-26 | 4,052.9                                       | -0.03%                       | 4,051.8                                  |
| Nov-26 | 3,722.9                                       | -0.03%                       | 3,721.8                                  |
| Dec-26 | 3,628.2                                       | -0.03%                       | 3,627.2                                  |
| Jan-27 | 3,847.1                                       | -0.23%                       | 3,838.2                                  |
| Feb-27 | 3,558.7                                       | -0.23%                       | 3,550.5                                  |
| Mar-27 | 3,926.9                                       | -0.23%                       | 3,917.9                                  |
| Apr-27 | 3,961.8                                       | -0.23%                       | 3,952.6                                  |
| May-27 | 4,060.0                                       | -0.23%                       | 4,050.7                                  |
| Jun-27 | 3,925.0                                       | -0.23%                       | 3,915.9                                  |
| Jul-27 | 4,325.0                                       | -0.23%                       | 4,315.0                                  |
| Aug-27 | 4,685.2                                       | -0.23%                       | 4,674.4                                  |
| Sep-27 | 4,374.0                                       | -0.23%                       | 4,363.9                                  |
| Oct-27 | 4,050.2                                       | -0.23%                       | 4,040.8                                  |
| Nov-27 | 3,720.3                                       | -0.23%                       | 3,711.7                                  |
| Dec-27 | 3,625.4                                       | -0.23%                       | 3,617.0                                  |
| Jan-28 | 3,839.4                                       | -0.43%                       | 3,822.7                                  |
| Feb-28 | 3,550.5                                       | -0.43%                       | 3,535.0                                  |
| Mar-28 | 3,918.5                                       | -0.43%                       | 3,901.4                                  |
| Apr-28 | 3,949.8                                       | -0.43%                       | 3,932.6                                  |
| May-28 | 4,047.9                                       | -0.43%                       | 4,030.3                                  |
| Jun-28 | 3,912.8                                       | -0.43%                       | 3,895.8                                  |
| Jul-28 | 4,310.5                                       | -0.43%                       | 4,291.7                                  |
| Aug-28 | 4,670.8                                       | -0.43%                       | 4,650.5                                  |
| Sep-28 | 4,359.5                                       | -0.43%                       | 4,340.6                                  |
| Oct-28 | 4,035.8                                       | -0.43%                       | 4,018.3                                  |
| Nov-28 | 3,705.9                                       | -0.43%                       | 3,689.7                                  |
| Dec-28 | 3,611.6                                       | -0.43%                       | 3,595.9                                  |

**SOCALGAS NONCORE REFINERY  
NON-COGENERATION AND COGENERATION  
GAS DEMAND FORECAST**

# **SoCalGas Refinery Non-Cogeneration and Cogeneration Gas Demand**

## **INTRODUCTION**

Gas demand for refineries is developed from a base econometric forecast for both non-cogeneration (rate class G-30) load and cogeneration (rate class G-50) load. The separation into G-30 and G-50 categories is based on the historical 2021 average monthly proportions of each rate class.

For the non-cogeneration load component, there is an “out-of-model” adjustment to reflect expected implementation of mandated Energy Efficiency for this customer segment.

## **BASE FORECAST EQUATION**

The base econometric forecast is generated from an equation that uses the natural logarithm of average daily monthly refinery gas consumption as the dependent variable. The key explanatory variable is the natural logarithm of the monthly ratio of burner-tip natural gas rates (e.g., transportation rate + commodity price) relative to the propane prices. The second component of the forecast equation is a constant term.

The base forecast equation is shown below:

$$\text{LN(Ref\_MDth/d)} = 5.7598439 + (-0.0435752) \times \text{LN(G/P)}$$

where

G = Gas burner-tip price, and  
P = Propane price.

The parameters of this equation were estimated from monthly data for Jan-2010 through Dec-2021.

## **EXAMPLE OF FORECAST CALCULATIONS**

The refinery gas demand in a particular month is calculated as:

$$\text{Ref\_MDth/mo} = (\text{\#days in month}) \times \text{EXP}[\text{LN(Ref\_MDth/d)}].$$

For example, the calculation of total refinery gas demand for August 2024 is as follows:

$$\begin{aligned} \text{LN}[\text{Ref\_MDth/d}] &= 5.7598439 + (-0.0435752) \times \text{LN}(5.49350 / 12.27700) \\ \text{LN}[\text{Ref\_MDth/d}] &= 5.7948854 \end{aligned}$$

$$\begin{aligned} \text{Ref\_MDth} &= (31 \text{ days}) \times (\text{EXP}[5.7948854]) \\ &= (31 \text{ days}) \times (328.61452 \text{ MDth/d}) \\ &= (10,187.1 \text{ MDth}) \end{aligned}$$

This total refinery gas demand was “split” between G-30 and G-50 load using the 2021 monthly proportions that the G-30 load represented relative to the total refinery load. The table below provides these proportions.

| Month | 2021 G-30 % of total Refinery |
|-------|-------------------------------|
| Jan   | 83.969%                       |
| Feb   | 79.660%                       |
| Mar   | 79.009%                       |
| Apr   | 78.973%                       |
| May   | 76.545%                       |
| Jun   | 78.816%                       |
| Jul   | 78.048%                       |
| Aug   | 79.134%                       |
| Sep   | 78.899%                       |
| Oct   | 81.714%                       |
| Nov   | 81.193%                       |
| Dec   | 82.512%                       |

Based on the August 2024 example above, the total refinery gas demand is split into G-30 and G-50 values:

$$\begin{aligned} \text{Ref\_G-30} &= (8,061.5 \text{ MDth}) = (10,187.1 \text{ MDth}) \times (79.134\%), \text{ and} \\ \text{Ref\_G-50} &= (2,125.6 \text{ MDth}) = (10,187.1 \text{ MDth}) \times (20.866\%) \end{aligned}$$

The table below shows the entire base refinery gas demand forecast and the split into G-30 and G-50 rate class component loads.

### Base Forecast of Refinery Gas Demand (2021-2028)

| Month  | Ref G30 % | #Days per month | Month # | Total Ref Mdth | Total Ref Mdth/Day | Ln(Mdth_D) | ln(G/P) | Burner_tip_Gas (G) \$/dth | Propane (P) \$/dth |
|--------|-----------|-----------------|---------|----------------|--------------------|------------|---------|---------------------------|--------------------|
| Jan-21 | 83.97%    | 31              | 1       | 10,665.1       | 344.0              | 5.8407     | -0.7184 | 4.9214                    | 10.0949            |
| Feb-21 | 79.66%    | 28              | 2       | 8,252.0        | 294.7              | 5.6860     | -0.8974 | 4.6061                    | 11.2993            |
| Mar-21 | 79.01%    | 31              | 3       | 10,887.2       | 351.2              | 5.8614     | -0.8497 | 4.6108                    | 10.7847            |
| Apr-21 | 78.97%    | 30              | 4       | 9,895.2        | 329.8              | 5.7986     | -0.8251 | 4.0731                    | 9.2956             |
| May-21 | 76.55%    | 31              | 5       | 9,469.0        | 305.5              | 5.7218     | -0.6963 | 4.4966                    | 9.0219             |
| Jun-21 | 78.82%    | 30              | 6       | 9,722.6        | 324.1              | 5.7810     | -0.7594 | 4.8672                    | 10.4015            |
| Jul-21 | 78.05%    | 31              | 7       | 8,978.2        | 289.6              | 5.6686     | -0.8298 | 5.1333                    | 11.7701            |
| Aug-21 | 79.13%    | 31              | 8       | 10,091.5       | 325.5              | 5.7855     | -0.8178 | 5.3647                    | 12.1533            |
| Sep-21 | 78.90%    | 30              | 9       | 9,668.9        | 322.3              | 5.7755     | -0.9622 | 5.3540                    | 14.0146            |
| Oct-21 | 81.71%    | 31              | 10      | 10,446.2       | 337.0              | 5.8200     | -0.8830 | 6.6103                    | 15.9854            |
| Nov-21 | 81.19%    | 30              | 11      | 9,830.8        | 327.7              | 5.7921     | -0.7000 | 7.2261                    | 14.5511            |
| Dec-21 | 82.51%    | 31              | 12      | 10,530.6       | 339.7              | 5.8281     | -0.5271 | 7.3680                    | 12.4818            |
| Jan-22 | 83.97%    | 31              | 1       | 10,116.6       | 326.3              | 5.7879     | -0.6448 | 6.3534                    | 12.1071            |
| Feb-22 | 79.66%    | 28              | 2       | 9,195.9        | 328.4              | 5.7943     | -0.7909 | 5.7978                    | 12.7865            |
| Mar-22 | 79.01%    | 31              | 3       | 10,111.0       | 326.2              | 5.7874     | -0.6323 | 6.0679                    | 11.4194            |
| Apr-22 | 78.97%    | 30              | 4       | 9,798.7        | 326.6              | 5.7888     | -0.6647 | 5.1669                    | 10.0442            |
| May-22 | 76.55%    | 31              | 5       | 10,149.5       | 327.4              | 5.7912     | -0.7193 | 5.0956                    | 10.4617            |
| Jun-22 | 78.82%    | 30              | 6       | 9,844.2        | 328.1              | 5.7934     | -0.7709 | 5.5438                    | 11.9843            |
| Jul-22 | 78.05%    | 31              | 7       | 10,119.8       | 326.4              | 5.7883     | -0.6521 | 6.7462                    | 12.9502            |
| Aug-22 | 79.13%    | 31              | 8       | 10,128.6       | 326.7              | 5.7891     | -0.6721 | 6.8802                    | 13.4741            |
| Sep-22 | 78.90%    | 30              | 9       | 9,879.2        | 329.3              | 5.7970     | -0.8525 | 6.2683                    | 14.7020            |
| Oct-22 | 81.71%    | 31              | 10      | 10,334.2       | 333.4              | 5.8092     | -1.1333 | 5.4217                    | 16.8386            |
| Nov-22 | 81.19%    | 30              | 11      | 9,917.9        | 330.6              | 5.8009     | -0.9423 | 6.2501                    | 16.0363            |
| Dec-22 | 82.51%    | 31              | 12      | 10,156.0       | 327.6              | 5.7918     | -0.7341 | 7.3270                    | 15.2669            |
| Jan-23 | 83.97%    | 31              | 1       | 10,098.9       | 325.8              | 5.7862     | -0.6048 | 5.9099                    | 10.8204            |
| Feb-23 | 79.66%    | 28              | 2       | 9,083.8        | 324.4              | 5.7820     | -0.5095 | 6.8655                    | 11.4276            |
| Mar-23 | 79.01%    | 31              | 3       | 10,089.5       | 325.5              | 5.7853     | -0.5835 | 5.6945                    | 10.2059            |
| Apr-23 | 78.97%    | 30              | 4       | 9,824.8        | 327.5              | 5.7915     | -0.7257 | 4.3448                    | 8.9768             |
| May-23 | 76.55%    | 31              | 5       | 10,184.4       | 328.5              | 5.7946     | -0.7982 | 4.2087                    | 9.3499             |
| Jun-23 | 78.82%    | 30              | 6       | 9,907.4        | 330.2              | 5.7998     | -0.9179 | 4.2774                    | 10.7107            |
| Jul-23 | 78.05%    | 31              | 7       | 10,165.7       | 327.9              | 5.7928     | -0.7560 | 5.4344                    | 11.5740            |
| Aug-23 | 79.13%    | 31              | 8       | 10,175.4       | 328.2              | 5.7937     | -0.7779 | 5.5316                    | 12.0422            |
| Sep-23 | 78.90%    | 30              | 9       | 9,927.6        | 330.9              | 5.8019     | -0.9647 | 5.0074                    | 13.1396            |
| Oct-23 | 81.71%    | 31              | 10      | 10,214.8       | 329.5              | 5.7976     | -0.8667 | 6.3259                    | 15.0491            |
| Nov-23 | 81.19%    | 30              | 11      | 9,895.0        | 329.8              | 5.7986     | -0.8891 | 5.8909                    | 14.3321            |
| Dec-23 | 82.51%    | 31              | 12      | 10,157.1       | 327.6              | 5.7919     | -0.7367 | 6.5317                    | 13.6444            |
| Jan-24 | 83.97%    | 31              | 1       | 10,063.4       | 324.6              | 5.7827     | -0.5239 | 6.5328                    | 11.0314            |
| Feb-24 | 79.66%    | 29              | 2       | 9,464.4        | 326.4              | 5.7880     | -0.6460 | 6.1065                    | 11.6505            |
| Mar-24 | 79.01%    | 31              | 3       | 10,105.7       | 326.0              | 5.7869     | -0.6201 | 5.5969                    | 10.4049            |
| Apr-24 | 78.97%    | 30              | 4       | 9,790.0        | 326.3              | 5.7879     | -0.6442 | 4.8055                    | 9.1518             |
| May-24 | 76.55%    | 31              | 5       | 10,143.9       | 327.2              | 5.7906     | -0.7068 | 4.7014                    | 9.5322             |
| Jun-24 | 78.82%    | 30              | 6       | 9,872.7        | 329.1              | 5.7963     | -0.8374 | 4.7265                    | 10.9195            |
| Jul-24 | 78.05%    | 31              | 7       | 10,175.9       | 328.3              | 5.7938     | -0.7790 | 5.4143                    | 11.7996            |
| Aug-24 | 79.13%    | 31              | 8       | 10,187.1       | 328.6              | 5.7949     | -0.8042 | 5.4935                    | 12.2770            |
| Sep-24 | 78.90%    | 30              | 9       | 9,909.1        | 330.3              | 5.8000     | -0.9219 | 5.3285                    | 13.3958            |
| Oct-24 | 81.71%    | 31              | 10      | 10,353.9       | 334.0              | 5.8111     | -1.1769 | 4.7289                    | 15.3425            |
| Nov-24 | 81.19%    | 30              | 11      | 9,969.3        | 332.3              | 5.8061     | -1.0607 | 5.0585                    | 14.6116            |
| Dec-24 | 82.51%    | 31              | 12      | 10,202.9       | 329.1              | 5.7964     | -0.8399 | 6.0058                    | 13.9105            |
| Jan-25 | 83.97%    | 31              | 1       | 10,106.8       | 326.0              | 5.7870     | -0.6226 | 5.9850                    | 11.1545            |
| Feb-25 | 79.66%    | 28              | 2       | 9,166.8        | 327.4              | 5.7911     | -0.7183 | 5.7440                    | 11.7804            |
| Mar-25 | 79.01%    | 31              | 3       | 10,144.8       | 327.3              | 5.7907     | -0.7087 | 5.1791                    | 10.5210            |
| Apr-25 | 78.97%    | 30              | 4       | 9,818.2        | 327.3              | 5.7908     | -0.7103 | 4.5483                    | 9.2539             |
| May-25 | 76.55%    | 31              | 5       | 10,177.7       | 328.3              | 5.7940     | -0.7832 | 4.4043                    | 9.6385             |
| Jun-25 | 78.82%    | 30              | 6       | 9,901.2        | 330.0              | 5.7992     | -0.9035 | 4.4733                    | 11.0413            |
| Jul-25 | 78.05%    | 31              | 7       | 10,235.8       | 330.2              | 5.7997     | -0.9137 | 4.7850                    | 11.9313            |
| Aug-25 | 79.13%    | 31              | 8       | 10,238.9       | 330.3              | 5.8000     | -0.9207 | 4.9438                    | 12.4140            |
| Sep-25 | 78.90%    | 30              | 9       | 9,952.3        | 331.7              | 5.8044     | -1.0216 | 4.8765                    | 13.5453            |
| Oct-25 | 81.71%    | 31              | 10      | 10,356.8       | 334.1              | 5.8114     | -1.1834 | 4.7507                    | 15.5137            |
| Nov-25 | 81.19%    | 30              | 11      | 9,983.1        | 332.8              | 5.8075     | -1.0926 | 4.9546                    | 14.7746            |
| Dec-25 | 82.51%    | 31              | 12      | 10,234.3       | 330.1              | 5.7995     | -0.9103 | 5.6600                    | 14.0656            |

### Base Forecast of Refinery Gas Demand (2021-2028)

| Month  | Ref G30 % | #Days per month | Month # | Total Ref Mdth | Total Ref Mdth/Day | Ln(Mdth_D) | ln(G/P) | Burner_tip_Gas (G) \$/dth | Propane (P) \$/dth |
|--------|-----------|-----------------|---------|----------------|--------------------|------------|---------|---------------------------|--------------------|
| Jan-26 | 83.97%    | 31              | 1       | 10,130.2       | 326.8              | 5.7893     | -0.6757 | 5.8698                    | 11.5369            |
| Feb-26 | 79.66%    | 28              | 2       | 9,187.1        | 328.1              | 5.7933     | -0.7689 | 5.6477                    | 12.1843            |
| Mar-26 | 79.01%    | 31              | 3       | 10,149.6       | 327.4              | 5.7912     | -0.7197 | 5.2985                    | 10.8817            |
| Apr-26 | 78.97%    | 30              | 4       | 9,820.3        | 327.3              | 5.7910     | -0.7152 | 4.6812                    | 9.5712             |
| May-26 | 76.55%    | 31              | 5       | 10,172.4       | 328.1              | 5.7934     | -0.7712 | 4.6104                    | 9.9690             |
| Jun-26 | 78.82%    | 30              | 6       | 9,898.9        | 330.0              | 5.7990     | -0.8982 | 4.6512                    | 11.4199            |
| Jul-26 | 78.05%    | 31              | 7       | 10,247.3       | 330.6              | 5.8008     | -0.9394 | 4.8232                    | 12.3404            |
| Aug-26 | 79.13%    | 31              | 8       | 10,250.9       | 330.7              | 5.8011     | -0.9476 | 4.9773                    | 12.8396            |
| Sep-26 | 78.90%    | 30              | 9       | 9,965.4        | 332.2              | 5.8057     | -1.0518 | 4.8937                    | 14.0097            |
| Oct-26 | 81.71%    | 31              | 10      | 10,370.9       | 334.5              | 5.8128     | -1.2147 | 4.7621                    | 16.0456            |
| Nov-26 | 81.19%    | 30              | 11      | 9,983.6        | 332.8              | 5.8075     | -1.0937 | 5.1187                    | 15.2811            |
| Dec-26 | 82.51%    | 31              | 12      | 10,251.1       | 330.7              | 5.8012     | -0.9480 | 5.6373                    | 14.5479            |
| Jan-27 | 83.97%    | 31              | 1       | 10,155.0       | 327.6              | 5.7917     | -0.7319 | 5.8610                    | 12.1850            |
| Feb-27 | 79.66%    | 28              | 2       | 9,208.2        | 328.9              | 5.7956     | -0.8217 | 5.6582                    | 12.8688            |
| Mar-27 | 79.01%    | 31              | 3       | 10,168.0       | 328.0              | 5.7930     | -0.7611 | 5.3688                    | 11.4929            |
| Apr-27 | 78.97%    | 30              | 4       | 9,838.5        | 327.9              | 5.7929     | -0.7577 | 4.7386                    | 10.1089            |
| May-27 | 76.55%    | 31              | 5       | 10,189.3       | 328.7              | 5.7951     | -0.8093 | 4.6874                    | 10.5290            |
| Jun-27 | 78.82%    | 30              | 6       | 9,916.0        | 330.5              | 5.8007     | -0.9379 | 4.7215                    | 12.0614            |
| Jul-27 | 78.05%    | 31              | 7       | 10,266.1       | 331.2              | 5.8026     | -0.9815 | 4.8844                    | 13.0336            |
| Aug-27 | 79.13%    | 31              | 8       | 10,271.0       | 331.3              | 5.8031     | -0.9924 | 5.0267                    | 13.5609            |
| Sep-27 | 78.90%    | 30              | 9       | 9,985.1        | 332.8              | 5.8077     | -1.0972 | 4.9391                    | 14.7967            |
| Oct-27 | 81.71%    | 31              | 10      | 10,392.5       | 335.2              | 5.8148     | -1.2623 | 4.7959                    | 16.9470            |
| Nov-27 | 81.19%    | 30              | 11      | 10,005.9       | 333.5              | 5.8097     | -1.1449 | 5.1364                    | 16.1396            |
| Dec-27 | 82.51%    | 31              | 12      | 10,274.1       | 331.4              | 5.8034     | -0.9995 | 5.6552                    | 15.3651            |
| Jan-28 | 83.97%    | 31              | 1       | 10,181.8       | 328.4              | 5.7944     | -0.7923 | 5.8932                    | 13.0152            |
| Feb-28 | 79.66%    | 29              | 2       | 9,560.0        | 329.7              | 5.7980     | -0.8767 | 5.7203                    | 13.7456            |
| Mar-28 | 79.01%    | 31              | 3       | 10,190.3       | 328.7              | 5.7952     | -0.8114 | 5.4536                    | 12.2760            |
| Apr-28 | 78.97%    | 30              | 4       | 9,857.9        | 328.6              | 5.7948     | -0.8029 | 4.8377                    | 10.7976            |
| May-28 | 76.55%    | 31              | 5       | 10,210.3       | 329.4              | 5.7972     | -0.8565 | 4.7756                    | 11.2464            |
| Jun-28 | 78.82%    | 30              | 6       | 9,936.7        | 331.2              | 5.8028     | -0.9856 | 4.8082                    | 12.8832            |
| Jul-28 | 78.05%    | 31              | 7       | 10,287.2       | 331.8              | 5.8047     | -1.0287 | 4.9764                    | 13.9216            |
| Aug-28 | 79.13%    | 31              | 8       | 10,291.9       | 332.0              | 5.8051     | -1.0392 | 5.1236                    | 14.4848            |
| Sep-28 | 78.90%    | 30              | 9       | 10,005.1       | 333.5              | 5.8097     | -1.1430 | 5.0393                    | 15.8048            |
| Oct-28 | 81.71%    | 31              | 10      | 10,414.8       | 336.0              | 5.8170     | -1.3115 | 4.8767                    | 18.1016            |
| Nov-28 | 81.19%    | 30              | 11      | 10,028.2       | 334.3              | 5.8120     | -1.1960 | 5.2134                    | 17.2392            |
| Dec-28 | 82.51%    | 31              | 12      | 10,302.0       | 332.3              | 5.8061     | -1.0616 | 5.6768                    | 16.4120            |

## ADJUSTMENTS TO THE BASE FORECAST

### A. Energy Efficiency/DSM Program Savings

Adjustments for energy efficiency/DSM (EE/DSM) programs for refinery customers are applied to the G-30 load portion of the refinery gas demand. The cogeneration (G-50) load is exempt from participating in these programs. The values applied to the refinery G-30 load have been noted in the earlier discussion of the overall G-30 load forecast.

### B. Refinery Industrial G-30 Gas Demand

The noncore industrial refinery gas demand receives G-30 rate treatment. It is basically the non-cogeneration gas load at refinery facilities served by SoCalGas. The details of how the gas demand forecast for total gas demand at refineries is provided above as the Base forecast of refinery gas demand. In this part of the noncore C&I only the refinery load billed at G-30 rates is discussed.

Continuing with the August 2024 month as an example and using the data from the following two tables, the G-30 industrial refinery demand was projected to be:

G-30 Refinery Gas Demand, Aug-2024 = (8,061.5) - (6.0) = (8,055.5 MDth).

The reduction of 6.0 MDth is the accumulated EE/DSM program impact for refineries.

### C. Refinery Cogeneration Gas Demand

Gas used for cogeneration at refineries receives G-50 rate treatment does not have out-of-model adjustment. The G-50 gas demand forecast for cogeneration for August 2024 is:

G-50 Refinery Gas Demand, Aug-2024 = (2,125.6 MDth).

Cogeneration (G-50) refinery gas demand is billed according to the two-tiered EG rate structure. The projected refinery cogeneration gas demand by tier assigns 98.727% of the base refinery cogeneration to tier 2. The cogeneration gas demand to tier 1 is 1.273% of the base refinery cogeneration demand. These ratios are calculated based on 2021 historical data.

Using August 2024 as an example:

Tier 1: = (2,125.6 MDth) x (1.273%) = 27.1 MDth

Tier 2: = (2,125.6 MDth) x (98.727%) = 2,098.5 MDth



## **REFINERY GAS DEMAND FORECASTS**

### **A. Annual Forecast Table**

The first table below provides annual gas demand for the refinery segment. Recorded data are for year 2021, while forecasts cover years 2022-2028.

### **B. Monthly Forecast Tables**

The second table below provide monthly gas demand for the refinery segment. Recorded data are for year 2021, while forecasts cover years 2022-2028.

**Annual Refinery Gas Demand: Recorded (2021)  
Forecast (2022-2028) (MDth)**

|      |   | Refinery Industrial (G-30) Gas Demand |  |  | Refinery Cogeneration (G-50) Gas Demand |                                     |  |  |
|------|---|---------------------------------------|--|--|---|-------------------------------------|--|--|
| Year | Total Refinery<br>(G30 + G50)<br>(MDth) | Ref <b>G30</b> , Base<br>Econ. Fcst   | Accum. EE/DSM<br>Scg Pgm Savings<br>for Refinery <b>G-30</b> | Base Ref <b>G30</b> ,<br>less EE/DSM<br>(MDth) | Cal. Days per<br>Year                   | Ref <b>G50</b> , Base<br>Econ. Fcst | Out-of-model Adj.<br>for Refinery <b>G-<br/>50</b> | Base Ref <b>G50</b><br>plus Out-of-<br>model Adj<br>(MDth) |
| 2021 | <b>118,437</b>                          | 94,685                                | 0  | 94,685   | 365                                     | 23,752                              | 0  | 23,752   |
| 2022 | <b>119,729</b>                          | 95,660                                | 22   | 95,638   | 365                                     | 24,092                              | 0  | 24,092   |
| 2023 | <b>119,678</b>                          | 95,632                                | 47   | 95,585   | 365                                     | 24,093                              | 0  | 24,093   |
| 2024 | <b>120,167</b>                          | 96,046                                | 71   | 95,976   | 366                                     | 24,192                              | 0  | 24,192   |
| 2025 | <b>120,221</b>                          | 96,109                                | 96   | 96,013   | 365                                     | 24,208                              | 0  | 24,208   |
| 2026 | <b>120,311</b>                          | 96,199                                | 117  | 96,082   | 365                                     | 24,229                              | 0  | 24,229   |
| 2027 | <b>120,531</b>                          | 96,393                                | 139  | 96,254   | 365                                     | 24,277                              | 0  | 24,277   |
| 2028 | <b>121,106</b>                          | 96,869                                | 160  | 96,708   | 366                                     | 24,397                              | 0  | 24,397   |

**Monthly Refinery Gas Demand: Recorded (2021)**

**Forecast (2022-2028) (MDth)**

| Month  | Total Refinery (G30 + G50) (MDth) | Refinery Industrial (G-30) Gas Demand |   |                    | Refinery Cogeneration (G-50) Gas Demand |                          |                                     |   |
|--------|-----------------------------------|---------------------------------------|---|--------------------|---|--------------------------|-------------------------------------|---|
|        |                                   | Ref G30, Base Econ. Fcst              | Accum. EE/DSM Scg Pgm Savings for Refinery G-30 | Cal. Days per Year | Cal. Days per Month                     | Ref G50, Base Econ. Fcst | Out-of-model Adj. for Refinery G-50 | Base Ref G50 plus Out-of-model Adj (MDth) |
| Jan-21 | 10,665                            | 8,955                                 | 0   | 8,955              | 31                                      | 1,710                    | 0                                   | 1,710                                     |
| Feb-21 | 8,252                             | 6,574                                 | 0   | 6,574              | 28                                      | 1,678                    | 0                                   | 1,678                                     |
| Mar-21 | 10,887                            | 8,602                                 | 0   | 8,602              | 31                                      | 2,285                    | 0                                   | 2,285                                     |
| Apr-21 | 9,895                             | 7,814                                 | 0   | 7,814              | 30                                      | 2,081                    | 0                                   | 2,081                                     |
| May-21 | 9,469                             | 7,248                                 | 0   | 7,248              | 31                                      | 2,221                    | 0                                   | 2,221                                     |
| Jun-21 | 9,723                             | 7,663                                 | 0   | 7,663              | 30                                      | 2,060                    | 0                                   | 2,060                                     |
| Jul-21 | 8,978                             | 7,007                                 | 0   | 7,007              | 31                                      | 1,971                    | 0                                   | 1,971                                     |
| Aug-21 | 10,091                            | 7,986                                 | 0   | 7,986              | 31                                      | 2,106                    | 0                                   | 2,106                                     |
| Sep-21 | 9,669                             | 7,629                                 | 0   | 7,629              | 30                                      | 2,040                    | 0                                   | 2,040                                     |
| Oct-21 | 10,446                            | 8,536                                 | 0   | 8,536              | 31                                      | 1,910                    | 0                                   | 1,910                                     |
| Nov-21 | 9,831                             | 7,982                                 | 0   | 7,982              | 30                                      | 1,849                    | 0                                   | 1,849                                     |
| Dec-21 | 10,531                            | 8,689                                 | 0   | 8,689              | 31                                      | 1,842                    | 0                                   | 1,842                                     |
| Jan-22 | 10,115                            | 8,495                                 | 2   | 8,493              | 31                                      | 1,622                    | 0                                   | 1,622                                     |
| Feb-22 | 9,194                             | 7,325                                 | 2   | 7,324              | 28                                      | 1,870                    | 0                                   | 1,870                                     |
| Mar-22 | 10,109                            | 7,989                                 | 2   | 7,987              | 31                                      | 2,122                    | 0                                   | 2,122                                     |
| Apr-22 | 9,797                             | 7,738                                 | 2   | 7,736              | 30                                      | 2,060                    | 0                                   | 2,060                                     |
| May-22 | 10,148                            | 7,769                                 | 2   | 7,767              | 31                                      | 2,381                    | 0                                   | 2,381                                     |
| Jun-22 | 9,842                             | 7,759                                 | 2   | 7,757              | 30                                      | 2,085                    | 0                                   | 2,085                                     |
| Jul-22 | 10,118                            | 7,898                                 | 2   | 7,896              | 31                                      | 2,222                    | 0                                   | 2,222                                     |
| Aug-22 | 10,127                            | 8,015                                 | 2   | 8,013              | 31                                      | 2,113                    | 0                                   | 2,113                                     |
| Sep-22 | 9,877                             | 7,795                                 | 2   | 7,793              | 30                                      | 2,085                    | 0                                   | 2,085                                     |
| Oct-22 | 10,332                            | 8,444                                 | 2   | 8,443              | 31                                      | 1,890                    | 0                                   | 1,890                                     |
| Nov-22 | 9,916                             | 8,053                                 | 2   | 8,051              | 30                                      | 1,865                    | 0                                   | 1,865                                     |
| Dec-22 | 10,154                            | 8,380                                 | 2   | 8,378              | 31                                      | 1,776                    | 0                                   | 1,776                                     |
| Jan-23 | 10,095                            | 8,480                                 | 4   | 8,476              | 31                                      | 1,619                    | 0                                   | 1,619                                     |
| Feb-23 | 9,080                             | 7,236                                 | 4   | 7,233              | 28                                      | 1,848                    | 0                                   | 1,848                                     |
| Mar-23 | 10,086                            | 7,972                                 | 4   | 7,968              | 31                                      | 2,118                    | 0                                   | 2,118                                     |
| Apr-23 | 9,821                             | 7,759                                 | 4   | 7,755              | 30                                      | 2,066                    | 0                                   | 2,066                                     |
| May-23 | 10,180                            | 7,796                                 | 4   | 7,792              | 31                                      | 2,389                    | 0                                   | 2,389                                     |
| Jun-23 | 9,904                             | 7,809                                 | 4   | 7,805              | 30                                      | 2,099                    | 0                                   | 2,099                                     |
| Jul-23 | 10,162                            | 7,934                                 | 4   | 7,930              | 31                                      | 2,232                    | 0                                   | 2,232                                     |
| Aug-23 | 10,171                            | 8,052                                 | 4   | 8,048              | 31                                      | 2,123                    | 0                                   | 2,123                                     |
| Sep-23 | 9,924                             | 7,833                                 | 4   | 7,829              | 30                                      | 2,095                    | 0                                   | 2,095                                     |
| Oct-23 | 10,211                            | 8,347                                 | 4   | 8,343              | 31                                      | 1,868                    | 0                                   | 1,868                                     |
| Nov-23 | 9,891                             | 8,034                                 | 4   | 8,030              | 30                                      | 1,861                    | 0                                   | 1,861                                     |
| Dec-23 | 10,153                            | 8,381                                 | 4   | 8,377              | 31                                      | 1,776                    | 0                                   | 1,776                                     |
| Jan-24 | 10,057                            | 8,450                                 | 6   | 8,444              | 31                                      | 1,613                    | 0                                   | 1,613                                     |
| Feb-24 | 9,459                             | 7,539                                 | 6   | 7,534              | 29                                      | 1,925                    | 0                                   | 1,925                                     |
| Mar-24 | 10,100                            | 7,984                                 | 6   | 7,978              | 31                                      | 2,121                    | 0                                   | 2,121                                     |
| Apr-24 | 9,784                             | 7,731                                 | 6   | 7,726              | 30                                      | 2,059                    | 0                                   | 2,059                                     |
| May-24 | 10,138                            | 7,765                                 | 6   | 7,759              | 31                                      | 2,379                    | 0                                   | 2,379                                     |
| Jun-24 | 9,867                             | 7,781                                 | 6   | 7,775              | 30                                      | 2,091                    | 0                                   | 2,091                                     |
| Jul-24 | 10,170                            | 7,942                                 | 6   | 7,936              | 31                                      | 2,234                    | 0                                   | 2,234                                     |
| Aug-24 | 10,181                            | 8,061                                 | 6   | 8,055              | 31                                      | 2,126                    | 0                                   | 2,126                                     |
| Sep-24 | 9,903                             | 7,818                                 | 6   | 7,812              | 30                                      | 2,091                    | 0                                   | 2,091                                     |
| Oct-24 | 10,348                            | 8,461                                 | 6   | 8,455              | 31                                      | 1,893                    | 0                                   | 1,893                                     |
| Nov-24 | 9,963                             | 8,094                                 | 6   | 8,089              | 30                                      | 1,875                    | 0                                   | 1,875                                     |
| Dec-24 | 10,197                            | 8,419                                 | 6   | 8,413              | 31                                      | 1,784                    | 0                                   | 1,784                                     |
| Jan-25 | 10,099                            | 8,487                                 | 8   | 8,478              | 31                                      | 1,620                    | 0                                   | 1,620                                     |
| Feb-25 | 9,159                             | 7,302                                 | 7   | 7,295              | 28                                      | 1,865                    | 0                                   | 1,865                                     |
| Mar-25 | 10,137                            | 8,015                                 | 8   | 8,007              | 31                                      | 2,130                    | 0                                   | 2,130                                     |
| Apr-25 | 9,810                             | 7,754                                 | 8   | 7,746              | 30                                      | 2,064                    | 0                                   | 2,064                                     |
| May-25 | 10,170                            | 7,791                                 | 8   | 7,782              | 31                                      | 2,387                    | 0                                   | 2,387                                     |
| Jun-25 | 9,893                             | 7,804                                 | 8   | 7,796              | 30                                      | 2,097                    | 0                                   | 2,097                                     |
| Jul-25 | 10,228                            | 7,989                                 | 8   | 7,981              | 31                                      | 2,247                    | 0                                   | 2,247                                     |
| Aug-25 | 10,231                            | 8,102                                 | 8   | 8,094              | 31                                      | 2,136                    | 0                                   | 2,136                                     |
| Sep-25 | 9,944                             | 7,852                                 | 8   | 7,844              | 30                                      | 2,100                    | 0                                   | 2,100                                     |
| Oct-25 | 10,349                            | 8,463                                 | 8   | 8,455              | 31                                      | 1,894                    | 0                                   | 1,894                                     |
| Nov-25 | 9,975                             | 8,106                                 | 8   | 8,098              | 30                                      | 1,877                    | 0                                   | 1,877                                     |
| Dec-25 | 10,226                            | 8,445                                 | 8   | 8,436              | 31                                      | 1,790                    | 0                                   | 1,790                                     |

**Monthly Refinery Gas Demand: Recorded (2021)**

**Forecast (2022-2028) (MDth)**

| Month  | Total Refinery<br>(G30 + G50)<br>(MDth) | Refinery Industrial (G-30) Gas Demand |   |                       | Refinery Cogeneration (G-50) Gas Demand |                             |  |  |
|--------|---|---------------------------------------|---|-----------------------|---|-----------------------------|--|--|
|        |   | Ref G30, Base<br>Econ. Fcst           | Accum. EE/DSM<br>Scg Pgm Savings<br>for Refinery G-30 | Cal. Days per<br>Year | Cal. Days per<br>Month                  | Ref G50, Base<br>Econ. Fcst | Out-of-model Adj.<br>for Refinery G-<br>50 | Base Ref G50<br>plus Out-of-<br>model Adj (MDth) |
| Jan-26 | 10,120                                  | 8,506                                 | 10  | 8,496                 | 31                                      | 1,624                       | 0  | 1,624  |
| Feb-26 | 9,178                                   | 7,318                                 | 9   | 7,309                 | 28                                      | 1,869                       | 0  | 1,869  |
| Mar-26 | 10,140                                  | 8,019                                 | 10  | 8,009                 | 31                                      | 2,131                       | 0  | 2,131  |
| Apr-26 | 9,811                                   | 7,755                                 | 10  | 7,746                 | 30                                      | 2,065                       | 0  | 2,065  |
| May-26 | 10,163                                  | 7,786                                 | 10  | 7,777                 | 31                                      | 2,386                       | 0  | 2,386  |
| Jun-26 | 9,889                                   | 7,802                                 | 10  | 7,792                 | 30                                      | 2,097                       | 0  | 2,097  |
| Jul-26 | 10,237                                  | 7,998                                 | 10  | 7,988                 | 31                                      | 2,250                       | 0  | 2,250  |
| Aug-26 | 10,241                                  | 8,112                                 | 10  | 8,102                 | 31                                      | 2,139                       | 0  | 2,139  |
| Sep-26 | 9,956                                   | 7,863                                 | 10  | 7,853                 | 30                                      | 2,103                       | 0  | 2,103  |
| Oct-26 | 10,361                                  | 8,475                                 | 10  | 8,465                 | 31                                      | 1,896                       | 0  | 1,896  |
| Nov-26 | 9,974                                   | 8,106                                 | 10  | 8,096                 | 30                                      | 1,878                       | 0  | 1,878  |
| Dec-26 | 10,241                                  | 8,458                                 | 10  | 8,449                 | 31                                      | 1,793                       | 0  | 1,793  |
| Jan-27 | 10,143                                  | 8,527                                 | 12  | 8,515                 | 31                                      | 1,628                       | 0  | 1,628  |
| Feb-27 | 9,198                                   | 7,335                                 | 11  | 7,325                 | 28                                      | 1,873                       | 0  | 1,873  |
| Mar-27 | 10,156                                  | 8,034                                 | 12  | 8,022                 | 31                                      | 2,134                       | 0  | 2,134  |
| Apr-27 | 9,827                                   | 7,770                                 | 11  | 7,758                 | 30                                      | 2,069                       | 0  | 2,069  |
| May-27 | 10,178                                  | 7,799                                 | 12  | 7,788                 | 31                                      | 2,390                       | 0  | 2,390  |
| Jun-27 | 9,905                                   | 7,815                                 | 11  | 7,804                 | 30                                      | 2,101                       | 0  | 2,101  |
| Jul-27 | 10,254                                  | 8,012                                 | 12  | 8,001                 | 31                                      | 2,254                       | 0  | 2,254  |
| Aug-27 | 10,259                                  | 8,128                                 | 12  | 8,116                 | 31                                      | 2,143                       | 0  | 2,143  |
| Sep-27 | 9,974                                   | 7,878                                 | 11  | 7,867                 | 30                                      | 2,107                       | 0  | 2,107  |
| Oct-27 | 10,381                                  | 8,492                                 | 12  | 8,480                 | 31                                      | 1,900                       | 0  | 1,900  |
| Nov-27 | 9,995                                   | 8,124                                 | 11  | 8,113                 | 30                                      | 1,882                       | 0  | 1,882  |
| Dec-27 | 10,262                                  | 8,477                                 | 12  | 8,466                 | 31                                      | 1,797                       | 0  | 1,797  |
| Jan-28 | 10,168                                  | 8,550                                 | 14  | 8,536                 | 31                                      | 1,632                       | 0  | 1,632  |
| Feb-28 | 9,547                                   | 7,615                                 | 13  | 7,603                 | 29                                      | 1,945                       | 0  | 1,945  |
| Mar-28 | 10,177                                  | 8,051                                 | 14  | 8,038                 | 31                                      | 2,139                       | 0  | 2,139  |
| Apr-28 | 9,845                                   | 7,785                                 | 13  | 7,772                 | 30                                      | 2,073                       | 0  | 2,073  |
| May-28 | 10,197                                  | 7,816                                 | 14  | 7,802                 | 31                                      | 2,395                       | 0  | 2,395  |
| Jun-28 | 9,924                                   | 7,832                                 | 13  | 7,819                 | 30                                      | 2,105                       | 0  | 2,105  |
| Jul-28 | 10,274                                  | 8,029                                 | 14  | 8,015                 | 31                                      | 2,258                       | 0  | 2,258  |
| Aug-28 | 10,278                                  | 8,144                                 | 14  | 8,131                 | 31                                      | 2,147                       | 0  | 2,147  |
| Sep-28 | 9,992                                   | 7,894                                 | 13  | 7,881                 | 30                                      | 2,111                       | 0  | 2,111  |
| Oct-28 | 10,401                                  | 8,510                                 | 14  | 8,497                 | 31                                      | 1,904                       | 0  | 1,904  |
| Nov-28 | 10,015                                  | 8,142                                 | 13  | 8,129                 | 30                                      | 1,886                       | 0  | 1,886  |
| Dec-28 | 10,288                                  | 8,500                                 | 14  | 8,487                 | 31                                      | 1,802                       | 0  | 1,802  |

## SoCalGas Consolidated G-30 Noncore C&I Gas Demand Forecast

### A. “Out-of-Model” Gas Demand Forecasts

This final category of gas demand for the G-30 load is associated with customers who are included in the large cogeneration, EWG or UEG market segments but who have gas consumption not used to generate electricity. This gas consumption is charged under G30 rates rather than the electric generation rate that applies for most of their G50 consumption.

The following table shows the monthly load for year 2021. These values were used as the profile for these customers for each year of 2022 through 2028.

| Month  | Mdth  |
|--------|-------|
| Jan-21 | 153.3 |
| Feb-21 | 136.3 |
| Mar-21 | 164.9 |
| Apr-21 | 128.9 |
| May-21 | 91.4  |
| Jun-21 | 149.8 |
| Jul-21 | 71.4  |
| Aug-21 | 90.3  |
| Sep-21 | 180.9 |
| Oct-21 | 122.5 |
| Nov-21 | 145.0 |
| Dec-21 | 292.7 |

For example, the projected G-30 “out-of-model” gas demand for August 2024 would simply be: 90.3 MDth.

### B. Combined G-30 Noncore Commercial and Industrial Gas Demand Forecast

A final adjustment to the noncore C&I G30 load forecast was done to account for “Rule-38” gas load. According to SoCalGas Rule No. 38: “Pursuant to Decision 18-05-006, effective May 10, 2018, this Schedule is closed to new contracts.” A small “Rule-38” amount here is projected forward using Rule-38 existing G-30 C&I customers’ load.

Using the August 2024 data example, the resulting total noncore C&I G30 forecast of demand would be:

$$\begin{aligned} &= \text{Noncore Commercial} + \text{Noncore Industrial (Non-Refinery)} + \\ &\quad + \text{Noncore Industrial (Refinery)} + \text{Out-of-Model} - \text{Rule 38} \\ &= 1,274.4 + 4,744.8 + 8,055.5 + 90.3 - 2.6 \\ &= 14,162.4 \text{ MDth} \end{aligned}$$

This value checks with the value (141,624 MTh) shown in the SoCalGas consolidated gas demand forecast work papers for August 2024.

**SOCALGAS**  
**SMALL COGENERATION / SELF-GENERATION**  
**(CAPACITY < 20 MW)**  
**GAS DEMAND FORECAST**

## Small Cogeneration / Self-Generation (Capacity < 20 Mw) Gas Demand

### INTRODUCTION

The gas demand forecast for small cogeneration / self-generation (capacity < 20 Mw) is based on an econometric relationship from analysis of annual historical data together with a monthly profile of how the annual consumption is split over the months of a year. In addition to the econometric projection, there is a contribution of gas demand expected from the Self Generation Incentive Program (SGIP) attributed to noncore gas customers who are expected to participate.

Although these customers are associated with G-50 transportation rates their gas demand in total is split into two tiers based on a customer's annual consumption (tier 1 for  $\leq 3,000,000$  Thm/yr; and tier 2 for  $> 3,000,000$  Thm/yr). As electric generation customers their consumption is billed at the EG rate structure.

### BASE EQUATION TO FORECAST ANNUAL DEMAND

The base forecast equation for annual demand is shown below:

$$\text{LN}(\text{SmCoGen\_MDth/yr}) = 8.1913656 + \text{LN}(\#\text{Cust}) \times (0.3428311) \\ + \text{LN}(G/E) \times (-0.0794262), \text{ where}$$

#Cust = Number of active meters/customers,  
G = SCG's "EG tier1" Burner-Tip Price converted to ¢/Kwh  
at 10,000 Btu/Kwh, and  
E = SCE-Retail Ind Elec. Price. ¢/Kwh

The small cogeneration gas demand in a particular year is calculated as:

$$\text{SmCoGen\_MDth/yr} = \text{EXP}[\text{LN}(\text{SmCoGen\_MDth/yr})].$$

For example, the calculation of small cogeneration gas demand for 2024 is as follows:

$$\text{LN}[\text{SmCoGen\_MDth/yr}] = 8.1913656 + \text{LN}(320) \times 0.3428311 \\ + \text{LN}[(7.319161 \text{ ¢/Kwh}) / (16.661679 \text{ ¢/Kwh})] \times (-0.0794262)$$

$$\text{LN}[\text{SmCoGen\_MDth/yr}] = 10.234263$$

$$(\text{EXP}[10.24835]) = 27,840.9 \text{ MDth/yr}$$

The table below shows the base annual small cogeneration gas demand forecast.

### Base Annual Forecast of Small Cogeneration Gas Demand

| Year | Annual Load (Mdth) | Cust cnt | LN( Ann. Mdth/Yr) | LN( Cust cnt ) | LN (G/E) | Gas/Elec. (G/E) Price Ratio | SCE-Retail Ind Elec. Price | SCG's "EG tier1" Burner-Tip Price cnv. to ¢/Kwh |
|------|--------------------|----------|-------------------|----------------|----------|-----------------------------|----------------------------|---|
| 2021 | 26,174.4           | 320      | 10.173            | 5.768          | -0.741   | 0.48                        | 14.31                      | 6.82  |
| 2022 | 27,542.6           | 320      | 10.223            | 5.768          | -0.687   | 0.50                        | 15.89                      | 7.99  |
| 2023 | 27,763.5           | 320      | 10.231            | 5.768          | -0.788   | 0.45                        | 16.32                      | 7.43  |
| 2024 | 27,840.9           | 320      | 10.234            | 5.768          | -0.823   | 0.44                        | 16.66                      | 7.32  |
| 2025 | 28,043.8           | 320      | 10.242            | 5.768          | -0.914   | 0.40                        | 17.44                      | 6.99  |
| 2026 | 28,109.3           | 320      | 10.244            | 5.768          | -0.943   | 0.39                        | 18.17                      | 7.07  |
| 2027 | 28,137.6           | 320      | 10.245            | 5.768          | -0.956   | 0.38                        | 18.59                      | 7.14  |
| 2028 | 28,210.5           | 320      | 10.247            | 5.768          | -0.989   | 0.37                        | 19.49                      | 7.25  |

### NONCORE SELF-GENERATION INCENTIVE PROGRAM (G-50, SGIP LOAD)

The table below shows the annual demand forecasted by accumulated program years for noncore SGIP:

#### Noncore SGIP Annual Forecast of Gas Demand

| Year | G50 SGIP (Mdth) |
|------|-----------------|
| 2021 | 0.0             |
| 2022 | 5.6             |
| 2023 | 11.2            |
| 2024 | 16.8            |
| 2025 | 22.4            |
| 2026 | 28.0            |
| 2027 | 33.6            |
| 2028 | 39.2            |



## TOTAL ANNUAL DEMAND FOR SMALL COGENERATION

The table below shows the total (econometric + noncore SGIP G50) combined gas demand for small cogeneration gas demand:

| Year | Econometric Model Fcst (Mdth) | SGIP (G50) Fcst (Mdth) | Final Sm. CoGen (Mdth) |
|------|-------------------------------|------------------------|------------------------|
| 2021 | 26,174.4                      | 0.0                    | 26,174.4               |
| 2022 | 27,542.6                      | 5.6                    | 27,548.2               |
| 2023 | 27,763.5                      | 11.2                   | 27,774.7               |
| 2024 | 27,840.9                      | 16.8                   | 27,857.7               |
| 2025 | 28,043.8                      | 22.4                   | 28,066.2               |
| 2026 | 28,109.3                      | 28.0                   | 28,137.3               |
| 2027 | 28,137.6                      | 33.6                   | 28,171.2               |
| 2028 | 28,210.5                      | 39.2                   | 28,249.7               |

## MONTHLY PATTERN FOR TOTAL SMALL COGEN LOAD

This total annual small cogeneration gas demand was “allocated” into monthly load using the monthly proportions in the table below.

| Month # | Month        | Smoothed Monthly Load as % of Annual (2019-2021) |
|---------|--------------|--|
| 1       | Jan          | 8.566%   |
| 2       | Feb          | 7.216%   |
| 3       | Mar          | 8.152%   |
| 4       | Apr          | 7.936%   |
| 5       | May          | 8.506%   |
| 6       | Jun          | 8.407%   |
| 7       | Jul          | 8.791%   |
| 8       | Aug          | 8.996%   |
| 9       | Sep          | 8.416%   |
| 10      | Oct          | 8.230%   |
| 11      | Nov          | 8.287%   |
| 12      | Dec          | 8.496%   |
|         | <b>Total</b> | <b>100.000%</b>                                  |

## FORECAST RESULTS

Based on the year 2024 example above together with the monthly percentages of annual total load in the table above, the August 2024 small cogeneration (G-50) gas demand is calculated as:

$$\begin{aligned}\text{SmCoGen\_G-50} &= (27,840.9 \text{ MDth/yr, base forecast} + 16.8 \text{ MDth/yr, from G-50 SGIP}) \\ &\quad \times (8.996\%, \text{ monthly \% of annual}) \\ &= 2,506 \text{ MDth}\end{aligned}$$

Small cogeneration (G-50) gas demand is billed according to the two-tiered EG rate structure. The projected gas demand by tier assigns 60.399% of the total cogeneration demand to tier 2; the remaining 39.601% is assigned to tier 1. These ratios are calculated based on 2021 historical data.

Using August 2024 as an example:

$$\text{Tier 2: } (1,513.6 \text{ MDth}) = (2,506 \text{ MDth}) \times (60.399\%)$$

$$\text{Tier 1: } (992.4 \text{ MDth}) = (2,506 \text{ MDth}) \times (39.601\%)$$

The tables below provide the small cogeneration annual and monthly gas demand forecasts. Recorded data are for year 2021, while forecasts cover years from 2022 through 2028.

**Annual Small Cogeneration / Self-Generation Gas Demand:  
Recorded (2021) and  
Forecast (2022-2028) (MDth)**

| Small Cogen (C&I)<br>(G-50) Gas Demand |        |
|--|--------|
| Year                                   | (MDth) |
| 2021                                   | 26,174 |
| 2022                                   | 27,548 |
| 2023                                   | 27,775 |
| 2024                                   | 27,858 |
| 2025                                   | 28,066 |
| 2026                                   | 28,137 |
| 2027                                   | 28,171 |
| 2028                                   | 28,250 |

**Monthly Small Cogeneration / Self-Generation Gas Demand:  
Recorded (2021) and Forecast (2022-2028)  
(MDth)**

| Year | Month  | Small Cogen (C&I)<br>(G-50) Gas Demand<br>(MDth) | Small CoGen<br>- Tier 1<br>(Mdtth) | Small CoGen<br>- Tier 2<br>(Mdtth) |
|------|--------|--|------------------------------------|------------------------------------|
| 2021 | Jan-21 | 2,242.1  | 887.9                              | 1,354.2                            |
| 2021 | Feb-21 | 1,888.9  | 748.0                              | 1,140.8                            |
| 2021 | Mar-21 | 2,133.9  | 845.0                              | 1,288.8                            |
| 2021 | Apr-21 | 2,077.3  | 822.6                              | 1,254.7                            |
| 2021 | May-21 | 2,226.4  | 881.7                              | 1,344.7                            |
| 2021 | Jun-21 | 2,200.5  | 871.4                              | 1,329.1                            |
| 2021 | Jul-21 | 2,300.9  | 911.2                              | 1,389.7                            |
| 2021 | Aug-21 | 2,354.5  | 932.4                              | 1,422.1                            |
| 2021 | Sep-21 | 2,202.8  | 872.3                              | 1,330.4                            |
| 2021 | Oct-21 | 2,154.2  | 853.1                              | 1,301.1                            |
| 2021 | Nov-21 | 2,169.0  | 858.9                              | 1,310.0                            |
| 2021 | Dec-21 | 2,223.9  | 880.7                              | 1,343.2                            |
| 2022 | Jan-22 | 2,359.8  | 934.5                              | 1,425.3                            |
| 2022 | Feb-22 | 1,988.0  | 787.3                              | 1,200.7                            |
| 2022 | Mar-22 | 2,245.9  | 889.4                              | 1,356.5                            |
| 2022 | Apr-22 | 2,186.4  | 865.8                              | 1,320.5                            |
| 2022 | May-22 | 2,343.3  | 928.0                              | 1,415.3                            |
| 2022 | Jun-22 | 2,316.0  | 917.2                              | 1,398.8                            |
| 2022 | Jul-22 | 2,421.7  | 959.0                              | 1,462.7                            |
| 2022 | Aug-22 | 2,478.1  | 981.4                              | 1,496.8                            |
| 2022 | Sep-22 | 2,318.4  | 918.1                              | 1,400.3                            |
| 2022 | Oct-22 | 2,267.2  | 897.9                              | 1,369.4                            |
| 2022 | Nov-22 | 2,282.8  | 904.0                              | 1,378.8                            |
| 2022 | Dec-22 | 2,340.6  | 926.9                              | 1,413.7                            |
| 2023 | Jan-23 | 2,379.2  | 942.2                              | 1,437.0                            |
| 2023 | Feb-23 | 2,004.3  | 793.7                              | 1,210.6                            |
| 2023 | Mar-23 | 2,264.3  | 896.7                              | 1,367.6                            |
| 2023 | Apr-23 | 2,204.3  | 872.9                              | 1,331.4                            |
| 2023 | May-23 | 2,362.6  | 935.6                              | 1,427.0                            |
| 2023 | Jun-23 | 2,335.0  | 924.7                              | 1,410.3                            |
| 2023 | Jul-23 | 2,441.6  | 966.9                              | 1,474.7                            |
| 2023 | Aug-23 | 2,498.5  | 989.4                              | 1,509.1                            |
| 2023 | Sep-23 | 2,337.5  | 925.7                              | 1,411.8                            |
| 2023 | Oct-23 | 2,285.9  | 905.2                              | 1,380.6                            |
| 2023 | Nov-23 | 2,301.6  | 911.5                              | 1,390.1                            |
| 2023 | Dec-23 | 2,359.8  | 934.5                              | 1,425.3                            |
| 2024 | Jan-24 | 2,386.3  | 945.0                              | 1,441.3                            |
| 2024 | Feb-24 | 2,010.3  | 796.1                              | 1,214.2                            |
| 2024 | Mar-24 | 2,271.1  | 899.4                              | 1,371.7                            |
| 2024 | Apr-24 | 2,210.9  | 875.6                              | 1,335.4                            |
| 2024 | May-24 | 2,369.6  | 938.4                              | 1,431.2                            |
| 2024 | Jun-24 | 2,342.0  | 927.5                              | 1,414.6                            |
| 2024 | Jul-24 | 2,448.9  | 969.8                              | 1,479.1                            |
| 2024 | Aug-24 | 2,506.0  | 992.4                              | 1,513.6                            |
| 2024 | Sep-24 | 2,344.4  | 928.4                              | 1,416.0                            |
| 2024 | Oct-24 | 2,292.7  | 907.9                              | 1,384.8                            |
| 2024 | Nov-24 | 2,308.5  | 914.2                              | 1,394.3                            |
| 2024 | Dec-24 | 2,366.9  | 937.3                              | 1,429.6                            |
| 2025 | Jan-25 | 2,404.2  | 952.1                              | 1,452.1                            |
| 2025 | Feb-25 | 2,025.4  | 802.1                              | 1,223.3                            |
| 2025 | Mar-25 | 2,288.1  | 906.1                              | 1,382.0                            |
| 2025 | Apr-25 | 2,227.5  | 882.1                              | 1,345.4                            |
| 2025 | May-25 | 2,387.4  | 945.4                              | 1,441.9                            |
| 2025 | Jun-25 | 2,359.6  | 934.4                              | 1,425.1                            |
| 2025 | Jul-25 | 2,467.3  | 977.1                              | 1,490.2                            |
| 2025 | Aug-25 | 2,524.7  | 999.8                              | 1,524.9                            |
| 2025 | Sep-25 | 2,362.0  | 935.4                              | 1,426.6                            |
| 2025 | Oct-25 | 2,309.9  | 914.7                              | 1,395.1                            |
| 2025 | Nov-25 | 2,325.7  | 921.0                              | 1,404.7                            |
| 2025 | Dec-25 | 2,384.6  | 944.3                              | 1,440.3                            |

**Monthly Small Cogeneration / Self-Generation Gas Demand:  
Recorded (2021) and Forecast (2022-2028)  
(MDth)**

| Year | Month  | Small Cogen (C&I)<br>(G-50) Gas Demand<br>(MDth) | Small CoGen<br>- Tier 1<br>(Mdt) | Small CoGen<br>- Tier 2<br>(Mdt) |
|------|--------|--|----------------------------------|----------------------------------|
| 2026 | Jan-26 | 2,410.3  | 954.5                            | 1,455.8                          |
| 2026 | Feb-26 | 2,030.5  | 804.1                            | 1,226.4                          |
| 2026 | Mar-26 | 2,293.9  | 908.4                            | 1,385.5                          |
| 2026 | Apr-26 | 2,233.1  | 884.3                            | 1,348.8                          |
| 2026 | May-26 | 2,393.4  | 947.8                            | 1,445.6                          |
| 2026 | Jun-26 | 2,365.5  | 936.8                            | 1,428.8                          |
| 2026 | Jul-26 | 2,473.5  | 979.5                            | 1,494.0                          |
| 2026 | Aug-26 | 2,531.1  | 1,002.4                          | 1,528.8                          |
| 2026 | Sep-26 | 2,368.0  | 937.8                            | 1,430.2                          |
| 2026 | Oct-26 | 2,315.7  | 917.1                            | 1,398.7                          |
| 2026 | Nov-26 | 2,331.6  | 923.4                            | 1,408.3                          |
| 2026 | Dec-26 | 2,390.6  | 946.7                            | 1,443.9                          |
| 2027 | Jan-27 | 2,413.2  | 955.7                            | 1,457.5                          |
| 2027 | Feb-27 | 2,033.0  | 805.1                            | 1,227.9                          |
| 2027 | Mar-27 | 2,296.7  | 909.5                            | 1,387.1                          |
| 2027 | Apr-27 | 2,235.8  | 885.4                            | 1,350.4                          |
| 2027 | May-27 | 2,396.3  | 949.0                            | 1,447.3                          |
| 2027 | Jun-27 | 2,368.4  | 937.9                            | 1,430.5                          |
| 2027 | Jul-27 | 2,476.5  | 980.7                            | 1,495.8                          |
| 2027 | Aug-27 | 2,534.2  | 1,003.6                          | 1,530.6                          |
| 2027 | Sep-27 | 2,370.8  | 938.9                            | 1,431.9                          |
| 2027 | Oct-27 | 2,318.5  | 918.2                            | 1,400.3                          |
| 2027 | Nov-27 | 2,334.4  | 924.5                            | 1,410.0                          |
| 2027 | Dec-27 | 2,393.5  | 947.9                            | 1,445.7                          |
| 2028 | Jan-28 | 2,419.9  | 958.3                            | 1,461.6                          |
| 2028 | Feb-28 | 2,038.6  | 807.3                            | 1,231.3                          |
| 2028 | Mar-28 | 2,303.1  | 912.0                            | 1,391.0                          |
| 2028 | Apr-28 | 2,242.0  | 887.9                            | 1,354.2                          |
| 2028 | May-28 | 2,403.0  | 951.6                            | 1,451.4                          |
| 2028 | Jun-28 | 2,375.0  | 940.5                            | 1,434.5                          |
| 2028 | Jul-28 | 2,483.4  | 983.5                            | 1,499.9                          |
| 2028 | Aug-28 | 2,541.2  | 1,006.4                          | 1,534.9                          |
| 2028 | Sep-28 | 2,377.4  | 941.5                            | 1,435.9                          |
| 2028 | Oct-28 | 2,325.0  | 920.7                            | 1,404.2                          |
| 2028 | Nov-28 | 2,340.9  | 927.0                            | 1,413.9                          |
| 2028 | Dec-28 | 2,400.2  | 950.5                            | 1,449.7                          |

**SOCALGAS LARGE COGENERATION (CAPACITY > 20 MW),  
UTILITY ELECTRIC GENERATION (UEG) AND  
EXEMPT WHOLESALE GENERATION (EWG)  
GAS DEMAND FORECAST**

**SoCalGas Large Cogeneration (Capacity > 20 Mw),  
Utility Electric Generation (UEG) and  
Exempt Wholesale Generation (EWG)  
Natural Gas Demand**

The gas demand forecasts for large cogeneration (capacity > 20 Mw), utility electric generation (UEG) and exempt wholesale generation (EWG) are provided by Mr. Huang (Chapter 4) based on the power market simulation model he uses. Forecast details are discussed by Mr. Huang in his prepared testimony and his workpapers.

## **SoCalGas Consolidated Gas Demand Forecasts for Electric Generation Rate By EG Rate Tier**

The over-all gas demand forecasts for electric generation (under the EG rate category) are aggregated from the previous individual market segment forecasts together with a final small adjustment to this total to account for “Rule-38” eligible G-50 gas load. According to SoCalGas Rule No. 38: “Pursuant to Decision 18-05-006, effective May 10, 2018, this Schedule is closed to new contracts.” A small “Rule-38” amount is projected forward using 2021 Rule-38 existing G-50 customers’ load. “Rule-38” demands are subtracted from the tier totals of gas demand forecasts for Small Cogeneration, Refinery Cogeneration, and combined Large Cogeneration and UEG/EWG gas demand.

Using the August 2024 data as an example, the resulting EG-tier1 and EG-tier 2 forecasts of gas demand would be:

### Tier 1:

$$\begin{aligned} \text{EG-Tier1\_MDth} &= ( 992.4 \text{ MDth for SmCoGen}) \\ &+ ( 27.1 \text{ MDth for RefCoGen}) \\ &+ ( 126.7 \text{ MDth for LgCoGen/UEG/EWG}) \\ &- ( 17.9 \text{ MDth for Rule-38 Eligible G-50 load}) \\ &= (1,128.3 \text{ MDth}). \end{aligned}$$

### Tier 2:

$$\begin{aligned} \text{EG-Tier2\_MDth} &= ( 1,513.6 \text{ MDth for SmCoGen}) \\ &+ ( 2,098.5 \text{ MDth for RefCoGen}) \\ &+ ( 18,073.7 \text{ MDth for LgCoGen/UEG/EWG}) \\ &- ( 0.0 \text{ MDth for Rule-38 Eligible G-50 load}) \\ &= ( 21,685.8 \text{ MDth}). \end{aligned}$$

Note that the calculations above may reflect small rounding errors.

These results (noting that 1 MDth = 10 MTherms) for tier1 and tier2 gas demand are shown in the SoCalGas consolidated gas demand forecast work papers for August 2024.



**SOCALGAS ENHANCED OIL RECOVERY (EOR)**

**GAS DEMAND FORECAST**

## **SoCalGas Enhanced Oil Recovery Forecasting Methodology**

The Enhanced Oil Recovery (EOR) demand forecast is prepared based on historical throughput and general market conditions. For the 2022 to 2028, we expect EOR customers' demand to be stable and then gradually decrease. Combined EOR cogeneration and steaming usage are forecasted to average 15,407 MDth per year in this CAP period (2024-2027).

The table below shows EOR monthly gas demand forecast from 2021 through 2028.

### Monthly EOR Gas Demand

| Year | Month | Mdth    | Customer # | Year | Month | Mdth    | Customer # |
|------|-------|---------|------------|------|-------|---------|------------|
| 2021 | Jan   | 1,104.6 | 32         | 2025 | Jan   | 1,338.3 | 32         |
| 2021 | Feb   | 997.7   | 32         | 2025 | Feb   | 1,208.8 | 32         |
| 2021 | Mar   | 1,104.6 | 32         | 2025 | Mar   | 1,338.3 | 32         |
| 2021 | Apr   | 1,069.0 | 32         | 2025 | Apr   | 1,295.2 | 32         |
| 2021 | May   | 1,104.6 | 32         | 2025 | May   | 1,338.3 | 32         |
| 2021 | Jun   | 1,069.0 | 32         | 2025 | Jun   | 1,295.2 | 32         |
| 2021 | Jul   | 1,104.6 | 32         | 2025 | Jul   | 1,338.3 | 32         |
| 2021 | Aug   | 1,104.6 | 32         | 2025 | Aug   | 1,338.3 | 32         |
| 2021 | Sep   | 1,069.0 | 32         | 2025 | Sep   | 1,295.2 | 32         |
| 2021 | Oct   | 1,104.6 | 32         | 2025 | Oct   | 1,338.3 | 32         |
| 2021 | Nov   | 1,069.0 | 32         | 2025 | Nov   | 1,295.2 | 32         |
| 2021 | Dec   | 1,104.6 | 32         | 2025 | Dec   | 1,338.3 | 32         |
| 2022 | Jan   | 1,338.3 | 32         | 2026 | Jan   | 1,298.2 | 32         |
| 2022 | Feb   | 1,208.8 | 32         | 2026 | Feb   | 1,172.5 | 32         |
| 2022 | Mar   | 1,338.3 | 32         | 2026 | Mar   | 1,298.2 | 32         |
| 2022 | Apr   | 1,295.2 | 32         | 2026 | Apr   | 1,256.3 | 32         |
| 2022 | May   | 1,338.3 | 32         | 2026 | May   | 1,298.2 | 32         |
| 2022 | Jun   | 1,295.2 | 32         | 2026 | Jun   | 1,256.3 | 32         |
| 2022 | Jul   | 1,338.3 | 32         | 2026 | Jul   | 1,298.2 | 32         |
| 2022 | Aug   | 1,338.3 | 32         | 2026 | Aug   | 1,298.2 | 32         |
| 2022 | Sep   | 1,295.2 | 32         | 2026 | Sep   | 1,256.3 | 32         |
| 2022 | Oct   | 1,338.3 | 32         | 2026 | Oct   | 1,298.2 | 32         |
| 2022 | Nov   | 1,295.2 | 32         | 2026 | Nov   | 1,256.3 | 32         |
| 2022 | Dec   | 1,338.3 | 32         | 2026 | Dec   | 1,298.2 | 32         |
| 2023 | Jan   | 1,338.3 | 32         | 2027 | Jan   | 1,259.2 | 32         |
| 2023 | Feb   | 1,208.8 | 32         | 2027 | Feb   | 1,137.4 | 32         |
| 2023 | Mar   | 1,338.3 | 32         | 2027 | Mar   | 1,259.2 | 32         |
| 2023 | Apr   | 1,295.2 | 32         | 2027 | Apr   | 1,218.6 | 32         |
| 2023 | May   | 1,338.3 | 32         | 2027 | May   | 1,259.2 | 32         |
| 2023 | Jun   | 1,295.2 | 32         | 2027 | Jun   | 1,218.6 | 32         |
| 2023 | Jul   | 1,338.3 | 32         | 2027 | Jul   | 1,259.2 | 32         |
| 2023 | Aug   | 1,338.3 | 32         | 2027 | Aug   | 1,259.2 | 32         |
| 2023 | Sep   | 1,295.2 | 32         | 2027 | Sep   | 1,218.6 | 32         |
| 2023 | Oct   | 1,338.3 | 32         | 2027 | Oct   | 1,259.2 | 32         |
| 2023 | Nov   | 1,295.2 | 32         | 2027 | Nov   | 1,218.6 | 32         |
| 2023 | Dec   | 1,338.3 | 32         | 2027 | Dec   | 1,259.2 | 32         |
| 2024 | Jan   | 1,338.3 | 32         | 2028 | Jan   | 1,221.5 | 32         |
| 2024 | Feb   | 1,208.8 | 32         | 2028 | Feb   | 1,103.2 | 32         |
| 2024 | Mar   | 1,338.3 | 32         | 2028 | Mar   | 1,221.5 | 32         |
| 2024 | Apr   | 1,295.2 | 32         | 2028 | Apr   | 1,182.0 | 32         |
| 2024 | May   | 1,338.3 | 32         | 2028 | May   | 1,221.5 | 32         |
| 2024 | Jun   | 1,295.2 | 32         | 2028 | Jun   | 1,182.0 | 32         |
| 2024 | Jul   | 1,338.3 | 32         | 2028 | Jul   | 1,221.5 | 32         |
| 2024 | Aug   | 1,338.3 | 32         | 2028 | Aug   | 1,221.5 | 32         |
| 2024 | Sep   | 1,295.2 | 32         | 2028 | Sep   | 1,182.0 | 32         |
| 2024 | Oct   | 1,338.3 | 32         | 2028 | Oct   | 1,221.5 | 32         |
| 2024 | Nov   | 1,295.2 | 32         | 2028 | Nov   | 1,182.0 | 32         |
| 2024 | Dec   | 1,338.3 | 32         | 2028 | Dec   | 1,221.5 | 32         |

**SOCALGAS EXCHANGE  
GAS DEMAND FORECAST**

## SoCalGas Exchange Gas Demand

The Master Exchange Agreement (MEA) was made and entered into on the March 1<sup>st</sup>, 1990, by and between Pacific Gas and Electric Company (PG&E) and Southern California Gas Company (SoCalGas). The MEA sets the terms and conditions of any delivery or redelivery of natural gas for standby or for ongoing deliveries.

For the purposes of the forecast, the monthly exchange volumes for SoCalGas deliveries to PG&E and PG&E deliveries to SoCalGas at various exchange taps were tracked. The historical exchange deliveries formed the basis for the exchange forecast.

The forecasts of Exchange volumes are:

| Year | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | TOTAL        |
|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------|
| 2022 | 62.6 | 50.2 | 39.0 | 27.6 | 19.4 | 20.3 | 16.7 | 22.0 | 18.8 | 28.7 | 39.7 | 67.2 | <b>411.9</b> |
| 2023 | 62.6 | 50.2 | 39.0 | 27.6 | 19.4 | 20.3 | 16.7 | 22.0 | 18.8 | 28.7 | 39.7 | 67.2 | <b>411.9</b> |
| 2024 | 62.6 | 50.2 | 39.0 | 27.6 | 19.4 | 20.3 | 16.7 | 22.0 | 18.8 | 28.7 | 39.7 | 67.2 | <b>411.9</b> |
| 2025 | 62.6 | 50.2 | 39.0 | 27.6 | 19.4 | 20.3 | 16.7 | 22.0 | 18.8 | 28.7 | 39.7 | 67.2 | <b>411.9</b> |
| 2026 | 62.6 | 50.2 | 39.0 | 27.6 | 19.4 | 20.3 | 16.7 | 22.0 | 18.8 | 28.7 | 39.7 | 67.2 | <b>411.9</b> |
| 2027 | 62.6 | 50.2 | 39.0 | 27.6 | 19.4 | 20.3 | 16.7 | 22.0 | 18.8 | 28.7 | 39.7 | 67.2 | <b>411.9</b> |
| 2028 | 62.6 | 50.2 | 39.0 | 27.6 | 19.4 | 20.3 | 16.7 | 22.0 | 18.8 | 28.7 | 39.7 | 67.2 | <b>411.9</b> |

## **SDG&E Noncore Retail Gas Demand**

## **SDG&E Noncore Commercial, Noncore Industrial and Small Cogeneration (Self-generation) Gas Demand Forecast**

Forecasts of gas demand for these market segments were calculated from relationships developed from monthly consumption data and employment in the San Diego area.

The estimated equations are provided in the next page followed by the historical and calculated forecasts.

## SDG&E Non-Core Demand Equations, before energy efficiency and carbon-fee adjustments (MDth)

### Cogeneration (MDTH\_CGNNC\_SD)

Cochrane-Orcutt

MONTHLY data for 191 periods from FEB 2006 to DEC 2021

mdth\_cgnnc\_sd

$$= 5.71533 * eisd/1000$$

(36.9604)

|          |        |          |         |          |               |
|----------|--------|----------|---------|----------|---------------|
| Sum Sq   | 736551 | Std Err  | 62.4267 | LHS Mean | 600.549       |
| R Sq     | 0.6150 | R Bar Sq | 0.6130  | F        | 1,189 301.903 |
| D.W.( 1) | 2.2305 | D.W.(12) | 1.6529  |          |               |

$$AR_0 = + 0.72374 * AR_1$$

(14.6347)

\*\*\*\*\*

### Commercial (MDTH\_COMNC\_SD)

Cochrane-Orcutt

MONTHLY data for 191 periods from FEB 2006 to DEC 2021

mdth\_comnc\_sd

$$= 0.15232 * ecsd/1000 + 103.108 * dum2006janmay$$

(22.3410)                      (3.59493)

|          |        |          |         |          |               |          |         |
|----------|--------|----------|---------|----------|---------------|----------|---------|
| Sum Sq   | 120859 | Std Err  | 25.3529 | LHS Mean | 198.113       | Res Mean | 0.3062  |
| R Sq     | 0.7152 | R Bar Sq | 0.7122  | F        | 3,188 157.359 | %RMSE    | 12.3654 |
| D.W.( 1) | 2.3181 | D.W.(12) | 1.1606  |          |               |          |         |

$$AR_0 = + 0.78718 * AR_1$$

(19.1190)

\*\*\*\*\*

### Industrial (MDTH\_INDNC\_SD)

Cochrane-Orcutt

MONTHLY data for 190 periods from MAR 2006 to DEC 2021

Date: 18 APR 2050

mdth\_indnc\_sd

$$= 1.70458 * eisd/1000 - 40.7312 * dum2013sepoct$$

(23.3199)                      (3.54474)

$$+ 86.1081 * dum2015mar$$

(4.79250)

|          |         |          |         |          |               |
|----------|---------|----------|---------|----------|---------------|
| Sum Sq   | 79187.6 | Std Err  | 20.6891 | LHS Mean | 177.106       |
| R Sq     | 0.6707  | R Bar Sq | 0.6636  | F        | 5,185 75.3558 |
| D.W.( 1) | 2.0965  | D.W.(12) | 1.3721  |          |               |

$$AR_0 = + 0.46526 * AR_1 + 0.33976 * AR_2$$

(6.66787)                      (4.88571)



**ANNUAL SUMMARY**

|      | <b>SDG&amp;E Noncore Commercial &amp; Industrial Demand (MDth)</b> |                   |                   |   |                   |                   | <b>San Diego County Employment</b> |                   | <b>Cumulative</b> | <b>Cumulative</b> | <b>Carbon Fee Impact</b> |                   |
|------|--|-------------------|-------------------|---|-------------------|-------------------|------------------------------------|-------------------|-------------------|-------------------|--------------------------|-------------------|
|      | <b>Adjusted with DSM and Carbon-Fee Impacts</b>                    |                   |                   | <b>Unadjusted (from regression equations)</b> |                   |                   | <b>Commercial</b>                  | <b>Industrial</b> | <b>DSM Cmcl</b>   | <b>DSM Indl.</b>  | <b>Cogen</b>             | <b>Industrial</b> |
|      | <b>Cogeneration</b>  | <b>Commercial</b> | <b>Industrial</b> | <b>Cogeneration</b>                           | <b>Commercial</b> | <b>Industrial</b> | <b>ECSD</b>                        | <b>EISD</b>       | <b>(MDth)</b>     | <b>(MDth)</b>     | <b>(MDth)</b>            | <b>(MDth)</b>     |
| 2006 | 6,253  | 3,757             | 1,374             | 6,253   | 3,757             | 1,374             | 1,219,908                          | 104,800           | 0                 | 0                 | 0                        | 0                 |
| 2007 | 6,353  | 2,560             | 1,483             | 6,353   | 2,560             | 1,483             | 1,229,900                          | 103,292           | 0                 | 0                 | 0                        | 0                 |
| 2008 | 6,861  | 2,546             | 1,886             | 6,861   | 2,546             | 1,886             | 1,221,750                          | 103,658           | 0                 | 0                 | 0                        | 0                 |
| 2009 | 7,268  | 2,536             | 1,670             | 7,268   | 2,536             | 1,670             | 1,161,733                          | 97,558            | 0                 | 0                 | 0                        | 0                 |
| 2010 | 6,371  | 2,559             | 1,912             | 6,371   | 2,559             | 1,912             | 1,154,933                          | 96,058            | 0                 | 0                 | 0                        | 0                 |
| 2011 | 6,577  | 2,525             | 2,019             | 6,577   | 2,525             | 2,019             | 1,163,158                          | 96,892            | 0                 | 0                 | 0                        | 0                 |
| 2012 | 7,015  | 2,390             | 2,262             | 7,015   | 2,390             | 2,262             | 1,193,900                          | 98,675            | 0                 | 0                 | 0                        | 0                 |
| 2013 | 6,872  | 2,193             | 2,162             | 6,872   | 2,193             | 2,162             | 1,225,875                          | 99,858            | 0                 | 0                 | 0                        | 0                 |
| 2014 | 6,616  | 1,912             | 2,088             | 6,616   | 1,912             | 2,088             | 1,251,275                          | 102,800           | 0                 | 0                 | 0                        | 0                 |
| 2015 | 6,526  | 2,066             | 2,289             | 6,526   | 2,066             | 2,289             | 1,287,017                          | 106,867           | 0                 | 0                 | 0                        | 0                 |
| 2016 | 7,460  | 2,155             | 2,336             | 7,460   | 2,155             | 2,336             | 1,322,825                          | 108,692           | 0                 | 0                 | 0                        | 0                 |
| 2017 | 8,829  | 2,010             | 2,361             | 8,829   | 2,010             | 2,361             | 1,351,275                          | 109,700           | 0                 | 0                 | 0                        | 0                 |
| 2018 | 10,130   | 2,016             | 2,476             | 10,130  | 2,016             | 2,476             | 1,378,792                          | 112,708           | 0                 | 0                 | 0                        | 0                 |
| 2019 | 7,234  | 2,328             | 2,438             | 7,234   | 2,328             | 2,438             | 1,396,850                          | 116,017           | 0                 | 0                 | 0                        | 0                 |
| 2020 | 7,433  | 2,319             | 2,522             | 7,433   | 2,319             | 2,522             | 1,280,325                          | 114,150           | 0                 | 0                 | 0                        | 0                 |
| 2021 | 7,346  | 2,422             | 2,620             | 7,346   | 2,422             | 2,620             | 1,304,200                          | 114,221           | 0                 | 0                 | 0                        | 0                 |
| 2022 | 7,783  | 2,602             | 2,594             | 7,846   | 2,610             | 2,615             | 1,372,426                          | 115,716           | -8                | -7                | -64                      | -14               |
| 2023 | 7,936  | 2,554             | 2,402             | 8,016   | 2,572             | 2,432             | 1,403,960                          | 116,902           | -18               | -15               | -80                      | -16               |
| 2024 | 7,913  | 2,570             | 2,357             | 8,021   | 2,598             | 2,399             | 1,421,305                          | 116,949           | -28               | -22               | -108                     | -20               |
| 2025 | 7,883  | 2,586             | 2,337             | 8,006   | 2,625             | 2,389             | 1,436,209                          | 116,738           | -39               | -28               | -123                     | -23               |
| 2026 | 7,876  | 2,603             | 2,330             | 8,012   | 2,653             | 2,390             | 1,451,643                          | 116,822           | -50               | -35               | -136                     | -25               |
| 2027 | 7,879  | 2,613             | 2,325             | 8,030   | 2,675             | 2,395             | 1,463,673                          | 117,088           | -62               | -42               | -151                     | -28               |
| 2028 | 7,847  | 2,621             | 2,310             | 8,014   | 2,696             | 2,390             | 1,474,754                          | 116,843           | -75               | -49               | -167                     | -31               |

**MONTHLY**

| <b>SDG&amp;E Noncore Commercial &amp; Industrial Demand (MDth)</b> |   |                   |                   |   |                   |                   | <b>San Diego County Employment</b> |                   | <b>Cumulative</b> | <b>Cumulative</b> | <b>Carbon Fee Impact</b> |                   |
|--|---|-------------------|-------------------|---|-------------------|-------------------|------------------------------------|-------------------|-------------------|-------------------|--------------------------|-------------------|
| <b>Month</b>   | <b>Adjusted with DSM and Carbon-Fee Impacts</b> |                   |                   | <b>Unadjusted (from regression equations)</b> |                   |                   | <b>Commercial</b>                  | <b>Industrial</b> | <b>DSM Cmcl</b>   | <b>DSM Incl.</b>  | <b>Cogen</b>             | <b>Industrial</b> |
|  | <b>Cogeneration</b>                             | <b>Commercial</b> | <b>Industrial</b> | <b>Cogeneration</b>                           | <b>Commercial</b> | <b>Industrial</b> | <b>ECSD</b>                        | <b>EISD</b>       | <b>(MDth)</b>     | <b>(MDth)</b>     | <b>(MDth)</b>            | <b>(MDth)</b>     |
| Jan-06   | 440.5   | 453.7             | 119.7             | 440.5   | 453.7             | 119.7             | 1,195,300                          | 104,100           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Feb-06   | 482.3   | 449.3             | 128.8             | 482.3   | 449.3             | 128.8             | 1,204,900                          | 104,600           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Mar-06   | 452.1   | 409.3             | 108.2             | 452.1   | 409.3             | 108.2             | 1,211,500                          | 105,200           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Apr-06   | 458.3   | 474.6             | 130.8             | 458.3   | 474.6             | 130.8             | 1,213,500                          | 104,800           | 0.0               | 0.0               | 0.0                      | 0.0               |
| May-06   | 478.6   | 351.8             | 134.1             | 478.6   | 351.8             | 134.1             | 1,222,000                          | 105,100           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jun-06   | 509.0   | 244.8             | 126.5             | 509.0   | 244.8             | 126.5             | 1,230,200                          | 105,600           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jul-06   | 515.5   | 231.9             | 133.6             | 515.5   | 231.9             | 133.6             | 1,215,600                          | 105,400           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Aug-06   | 575.8   | 206.3             | 98.9              | 575.8   | 206.3             | 98.9              | 1,220,200                          | 105,000           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Sep-06   | 586.2   | 222.2             | 117.8             | 586.2   | 222.2             | 117.8             | 1,225,400                          | 104,800           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Oct-06   | 642.8   | 214.9             | 97.9              | 642.8   | 214.9             | 97.9              | 1,226,300                          | 104,200           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Nov-06   | 557.5   | 257.5             | 96.4              | 557.5   | 257.5             | 96.4              | 1,236,100                          | 104,400           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Dec-06   | 554.0   | 240.2             | 80.9              | 554.0   | 240.2             | 80.9              | 1,237,900                          | 104,400           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jan-07   | 534.6   | 235.9             | 100.4             | 534.6   | 235.9             | 100.4             | 1,208,000                          | 103,500           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Feb-07   | 521.6   | 274.8             | 127.9             | 521.6   | 274.8             | 127.9             | 1,217,200                          | 103,300           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Mar-07   | 505.7   | 236.5             | 97.4              | 505.7   | 236.5             | 97.4              | 1,225,300                          | 103,600           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Apr-07   | 529.4   | 263.3             | 123.3             | 529.4   | 263.3             | 123.3             | 1,224,900                          | 102,400           | 0.0               | 0.0               | 0.0                      | 0.0               |
| May-07   | 492.1   | 228.3             | 122.3             | 492.1   | 228.3             | 122.3             | 1,233,700                          | 102,500           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jun-07   | 552.0   | 207.0             | 123.9             | 552.0   | 207.0             | 123.9             | 1,241,900                          | 102,600           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jul-07   | 516.9   | 169.5             | 118.6             | 516.9   | 169.5             | 118.6             | 1,231,600                          | 103,500           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Aug-07   | 561.6   | 167.8             | 127.4             | 561.6   | 167.8             | 127.4             | 1,232,700                          | 103,200           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Sep-07   | 573.0   | 172.0             | 141.3             | 573.0   | 172.0             | 141.3             | 1,232,800                          | 102,900           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Oct-07   | 547.2   | 162.9             | 118.7             | 547.2   | 162.9             | 118.7             | 1,231,200                          | 103,500           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Nov-07   | 526.8   | 201.1             | 140.0             | 526.8   | 201.1             | 140.0             | 1,237,500                          | 104,000           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Dec-07   | 492.6   | 240.6             | 142.0             | 492.6   | 240.6             | 142.0             | 1,242,000                          | 104,500           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jan-08   | 512.7   | 244.4             | 138.1             | 512.7   | 244.4             | 138.1             | 1,211,600                          | 103,500           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Feb-08   | 531.0   | 263.2             | 147.7             | 531.0   | 263.2             | 147.7             | 1,220,800                          | 103,500           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Mar-08   | 488.8   | 233.0             | 165.5             | 488.8   | 233.0             | 165.5             | 1,226,200                          | 103,900           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Apr-08   | 517.9   | 234.3             | 164.5             | 517.9   | 234.3             | 164.5             | 1,226,500                          | 103,800           | 0.0               | 0.0               | 0.0                      | 0.0               |
| May-08   | 495.9   | 192.1             | 166.6             | 495.9   | 192.1             | 166.6             | 1,230,600                          | 103,900           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jun-08   | 547.0   | 208.4             | 171.5             | 547.0   | 208.4             | 171.5             | 1,234,200                          | 104,200           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jul-08   | 608.1   | 171.2             | 169.1             | 608.1   | 171.2             | 169.1             | 1,222,300                          | 104,000           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Aug-08   | 638.6   | 182.4             | 172.7             | 638.6   | 182.4             | 172.7             | 1,222,100                          | 104,200           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Sep-08   | 665.8   | 196.6             | 170.8             | 665.8   | 196.6             | 170.8             | 1,218,800                          | 103,800           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Oct-08   | 657.2   | 209.0             | 150.2             | 657.2   | 209.0             | 150.2             | 1,217,500                          | 103,700           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Nov-08   | 618.7   | 238.4             | 145.6             | 618.7   | 238.4             | 145.6             | 1,217,200                          | 103,000           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Dec-08   | 579.8   | 172.6             | 124.2             | 579.8   | 172.6             | 124.2             | 1,213,200                          | 102,400           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jan-09   | 552.8   | 216.3             | 117.6             | 552.8   | 216.3             | 117.6             | 1,175,700                          | 102,500           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Feb-09   | 520.2   | 224.2             | 123.4             | 520.2   | 224.2             | 123.4             | 1,173,100                          | 101,500           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Mar-09   | 523.1   | 232.7             | 149.7             | 523.1   | 232.7             | 149.7             | 1,171,800                          | 100,400           | 0.0               | 0.0               | 0.0                      | 0.0               |
| Apr-09   | 603.3   | 235.2             | 143.8             | 603.3   | 235.2             | 143.8             | 1,167,400                          | 98,900            | 0.0               | 0.0               | 0.0                      | 0.0               |
| May-09   | 598.0   | 274.0             | 118.7             | 598.0   | 274.0             | 118.7             | 1,170,700                          | 97,700            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jun-09   | 651.5   | 181.9             | 110.2             | 651.5   | 181.9             | 110.2             | 1,169,900                          | 97,100            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jul-09   | 610.6   | 176.4             | 147.9             | 610.6   | 176.4             | 147.9             | 1,146,400                          | 96,400            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Aug-09   | 713.0   | 174.7             | 146.0             | 713.0   | 174.7             | 146.0             | 1,147,100                          | 95,900            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Sep-09   | 664.7   | 204.6             | 159.0             | 664.7   | 204.6             | 159.0             | 1,143,000                          | 95,400            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Oct-09   | 670.1   | 204.3             | 146.9             | 670.1   | 204.3             | 146.9             | 1,154,200                          | 95,100            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Nov-09   | 659.9   | 198.1             | 171.5             | 659.9   | 198.1             | 171.5             | 1,160,300                          | 94,900            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Dec-09   | 501.0   | 214.1             | 135.5             | 501.0   | 214.1             | 135.5             | 1,161,200                          | 94,900            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jan-10   | 545.7   | 223.0             | 144.0             | 545.7   | 223.0             | 144.0             | 1,131,900                          | 95,100            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Feb-10   | 544.5   | 220.6             | 138.3             | 544.5   | 220.6             | 138.3             | 1,136,200                          | 95,000            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Mar-10   | 493.1   | 206.2             | 128.2             | 493.1   | 206.2             | 128.2             | 1,140,900                          | 95,600            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Apr-10   | 562.2   | 207.0             | 157.0             | 562.2   | 207.0             | 157.0             | 1,153,600                          | 96,400            | 0.0               | 0.0               | 0.0                      | 0.0               |
| May-10   | 518.4   | 202.3             | 142.8             | 518.4   | 202.3             | 142.8             | 1,164,900                          | 96,400            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jun-10   | 519.9   | 221.2             | 169.0             | 519.9   | 221.2             | 169.0             | 1,166,800                          | 96,300            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jul-10   | 532.8   | 204.3             | 178.4             | 532.8   | 204.3             | 178.4             | 1,154,600                          | 96,100            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Aug-10   | 551.2   | 216.1             | 169.4             | 551.2   | 216.1             | 169.4             | 1,157,300                          | 96,400            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Sep-10   | 531.0   | 207.9             | 177.2             | 531.0   | 207.9             | 177.2             | 1,156,100                          | 96,100            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Oct-10   | 520.2   | 199.5             | 176.3             | 520.2   | 199.5             | 176.3             | 1,162,000                          | 96,200            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Nov-10   | 501.0   | 228.3             | 176.5             | 501.0   | 228.3             | 176.5             | 1,166,100                          | 96,300            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Dec-10   | 550.5   | 223.0             | 155.0             | 550.5   | 223.0             | 155.0             | 1,168,800                          | 96,800            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jan-11   | 545.1   | 246.1             | 144.0             | 545.1   | 246.1             | 144.0             | 1,146,900                          | 96,400            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Feb-11   | 532.2   | 229.5             | 168.8             | 532.2   | 229.5             | 168.8             | 1,155,100                          | 96,300            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Mar-11   | 473.1   | 226.4             | 167.9             | 473.1   | 226.4             | 167.9             | 1,159,100                          | 96,500            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Apr-11   | 560.3   | 223.0             | 165.2             | 560.3   | 223.0             | 165.2             | 1,161,700                          | 96,400            | 0.0               | 0.0               | 0.0                      | 0.0               |
| May-11   | 538.6   | 196.6             | 152.3             | 538.6   | 196.6             | 152.3             | 1,164,500                          | 96,600            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jun-11   | 574.3   | 197.8             | 175.0             | 574.3   | 197.8             | 175.0             | 1,167,500                          | 97,200            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jul-11   | 557.5   | 189.0             | 179.9             | 557.5   | 189.0             | 179.9             | 1,156,200                          | 97,000            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Aug-11   | 579.9   | 203.0             | 186.5             | 579.9   | 203.0             | 186.5             | 1,158,500                          | 97,100            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Sep-11   | 592.4   | 186.9             | 190.3             | 592.4   | 186.9             | 190.3             | 1,162,500                          | 97,200            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Oct-11   | 569.8   | 186.4             | 169.1             | 569.8   | 186.4             | 169.1             | 1,168,400                          | 97,100            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Nov-11   | 508.9   | 235.3             | 176.8             | 508.9   | 235.3             | 176.8             | 1,177,500                          | 97,200            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Dec-11   | 544.5   | 205.2             | 143.1             | 544.5   | 205.2             | 143.1             | 1,180,000                          | 97,700            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jan-12   | 550.3   | 211.5             | 178.1             | 550.3   | 211.5             | 178.1             | 1,157,100                          | 96,500            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Feb-12   | 536.4   | 199.7             | 191.4             | 536.4   | 199.7             | 191.4             | 1,166,400                          | 96,800            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Mar-12   | 572.9   | 216.2             | 193.5             | 572.9   | 216.2             | 193.5             | 1,173,700                          | 96,900            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Apr-12   | 543.7   | 194.9             | 192.6             | 543.7   | 194.9             | 192.6             | 1,190,700                          | 97,800            | 0.0               | 0.0               | 0.0                      | 0.0               |
| May-12   | 583.8   | 193.8             | 204.5             | 583.8   | 193.8             | 204.5             | 1,199,900                          | 98,300            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jun-12   | 577.0   | 181.4             | 184.8             | 577.0   | 181.4             | 184.8             | 1,207,600                          | 98,600            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Jul-12   | 614.6   | 183.3             | 201.1             | 614.6   | 183.3             | 201.1             | 1,191,300                          | 99,500            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Aug-12   | 648.5   | 170.2             | 213.0             | 648.5   | 170.2             | 213.0             | 1,196,700                          | 99,900            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Sep-12   | 637.5   | 153.4             | 187.7             | 637.5   | 153.4             | 187.7             | 1,197,100                          | 99,600            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Oct-12   | 593.8   | 207.1             | 195.8             | 593.8   | 207.1             | 195.8             | 1,207,500                          | 99,700            | 0.0               | 0.0               | 0.0                      | 0.0               |
| Nov-12   | 579.8   | 246.2             | 175.4             | 579.8   | 246.2             | 175.4             | 1,218,200                          | 100,100           | 0.0               | 0.0               | 0.0                      | 0.0               |

## SDGE Noncore Commercial, Industrial and Small Cogeneration Gas Demand (Monthly)

|        |         |       |       |         |       |       |           |         |     |     |     |     |
|--------|---------|-------|-------|---------|-------|-------|-----------|---------|-----|-----|-----|-----|
| Dec-12 | 576.3   | 231.9 | 144.1 | 576.3   | 231.9 | 144.1 | 1,220,600 | 100,400 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan-13 | 570.7   | 261.6 | 180.2 | 570.7   | 261.6 | 180.2 | 1,197,700 | 99,200  | 0.0 | 0.0 | 0.0 | 0.0 |
| Feb-13 | 517.6   | 222.7 | 174.0 | 517.6   | 222.7 | 174.0 | 1,206,200 | 99,500  | 0.0 | 0.0 | 0.0 | 0.0 |
| Mar-13 | 590.1   | 205.1 | 189.7 | 590.1   | 205.1 | 189.7 | 1,213,900 | 99,700  | 0.0 | 0.0 | 0.0 | 0.0 |
| Apr-13 | 564.5   | 210.2 | 199.8 | 564.5   | 210.2 | 199.8 | 1,219,800 | 99,600  | 0.0 | 0.0 | 0.0 | 0.0 |
| May-13 | 596.3   | 165.6 | 181.8 | 596.3   | 165.6 | 181.8 | 1,225,200 | 99,400  | 0.0 | 0.0 | 0.0 | 0.0 |
| Jun-13 | 585.2   | 144.9 | 195.6 | 585.2   | 144.9 | 195.6 | 1,231,900 | 99,300  | 0.0 | 0.0 | 0.0 | 0.0 |
| Jul-13 | 632.1   | 138.9 | 182.3 | 632.1   | 138.9 | 182.3 | 1,219,900 | 99,800  | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug-13 | 605.3   | 140.7 | 195.8 | 605.3   | 140.7 | 195.8 | 1,225,400 | 99,800  | 0.0 | 0.0 | 0.0 | 0.0 |
| Sep-13 | 589.2   | 149.1 | 126.8 | 589.2   | 149.1 | 126.8 | 1,225,800 | 99,900  | 0.0 | 0.0 | 0.0 | 0.0 |
| Oct-13 | 610.1   | 158.8 | 202.2 | 610.1   | 158.8 | 202.2 | 1,240,500 | 100,300 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nov-13 | 480.3   | 198.8 | 183.2 | 480.3   | 198.8 | 183.2 | 1,251,500 | 100,700 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dec-13 | 530.8   | 196.8 | 150.5 | 530.8   | 196.8 | 150.5 | 1,252,700 | 101,100 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan-14 | 554.7   | 176.7 | 203.1 | 554.7   | 176.7 | 203.1 | 1,222,900 | 100,700 | 0.0 | 0.0 | 0.0 | 0.0 |
| Feb-14 | 464.9   | 171.6 | 164.5 | 464.9   | 171.6 | 164.5 | 1,232,600 | 100,900 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mar-14 | 535.6   | 215.1 | 143.6 | 535.6   | 215.1 | 143.6 | 1,239,800 | 101,000 | 0.0 | 0.0 | 0.0 | 0.0 |
| Apr-14 | 553.0   | 171.6 | 189.7 | 553.0   | 171.6 | 189.7 | 1,243,200 | 101,800 | 0.0 | 0.0 | 0.0 | 0.0 |
| May-14 | 562.2   | 142.8 | 187.1 | 562.2   | 142.8 | 187.1 | 1,249,700 | 102,100 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jun-14 | 555.6   | 131.4 | 178.0 | 555.6   | 131.4 | 178.0 | 1,256,800 | 102,600 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jul-14 | 577.1   | 132.8 | 198.2 | 577.1   | 132.8 | 198.2 | 1,244,800 | 103,200 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug-14 | 579.6   | 131.7 | 165.5 | 579.6   | 131.7 | 165.5 | 1,253,300 | 103,500 | 0.0 | 0.0 | 0.0 | 0.0 |
| Sep-14 | 598.3   | 122.9 | 175.8 | 598.3   | 122.9 | 175.8 | 1,253,300 | 103,600 | 0.0 | 0.0 | 0.0 | 0.0 |
| Oct-14 | 545.5   | 189.5 | 191.0 | 545.5   | 189.5 | 191.0 | 1,264,000 | 104,200 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nov-14 | 556.4   | 152.7 | 164.3 | 556.4   | 152.7 | 164.3 | 1,276,600 | 104,700 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dec-14 | 533.4   | 173.1 | 127.6 | 533.4   | 173.1 | 127.6 | 1,278,300 | 105,300 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan-15 | 531.8   | 175.6 | 175.7 | 531.8   | 175.6 | 175.7 | 1,256,100 | 104,800 | 0.0 | 0.0 | 0.0 | 0.0 |
| Feb-15 | 499.5   | 143.8 | 167.7 | 499.5   | 143.8 | 167.7 | 1,262,400 | 105,100 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mar-15 | 579.2   | 149.7 | 273.4 | 579.2   | 149.7 | 273.4 | 1,268,600 | 105,800 | 0.0 | 0.0 | 0.0 | 0.0 |
| Apr-15 | 539.7   | 180.0 | 203.6 | 539.7   | 180.0 | 203.6 | 1,275,000 | 105,700 | 0.0 | 0.0 | 0.0 | 0.0 |
| May-15 | 573.7   | 149.0 | 200.2 | 573.7   | 149.0 | 200.2 | 1,285,000 | 106,200 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jun-15 | 590.9   | 142.7 | 186.3 | 590.9   | 142.7 | 186.3 | 1,288,200 | 106,800 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jul-15 | 595.0   | 148.3 | 203.9 | 595.0   | 148.3 | 203.9 | 1,287,400 | 107,800 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug-15 | 586.5   | 157.1 | 175.1 | 586.5   | 157.1 | 175.1 | 1,290,300 | 108,200 | 0.0 | 0.0 | 0.0 | 0.0 |
| Sep-15 | 561.7   | 147.7 | 159.3 | 561.7   | 147.7 | 159.3 | 1,290,900 | 107,900 | 0.0 | 0.0 | 0.0 | 0.0 |
| Oct-15 | 546.8   | 195.0 | 169.0 | 546.8   | 195.0 | 169.0 | 1,307,100 | 107,900 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nov-15 | 452.0   | 225.6 | 180.2 | 452.0   | 225.6 | 180.2 | 1,316,700 | 108,000 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dec-15 | 469.7   | 251.3 | 194.0 | 469.7   | 251.3 | 194.0 | 1,316,500 | 108,200 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan-16 | 525.5   | 247.4 | 178.3 | 525.5   | 247.4 | 178.3 | 1,291,600 | 107,800 | 0.0 | 0.0 | 0.0 | 0.0 |
| Feb-16 | 529.4   | 201.9 | 191.9 | 529.4   | 201.9 | 191.9 | 1,302,700 | 107,900 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mar-16 | 554.3   | 202.2 | 201.0 | 554.3   | 202.2 | 201.0 | 1,303,300 | 107,900 | 0.0 | 0.0 | 0.0 | 0.0 |
| Apr-16 | 542.0   | 171.6 | 193.5 | 542.0   | 171.6 | 193.5 | 1,317,700 | 108,200 | 0.0 | 0.0 | 0.0 | 0.0 |
| May-16 | 575.3   | 161.4 | 203.6 | 575.3   | 161.4 | 203.6 | 1,323,000 | 108,300 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jun-16 | 555.0   | 151.0 | 219.0 | 555.0   | 151.0 | 219.0 | 1,323,500 | 108,700 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jul-16 | 657.4   | 155.6 | 183.8 | 657.4   | 155.6 | 183.8 | 1,320,200 | 109,400 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug-16 | 706.9   | 154.9 | 213.4 | 706.9   | 154.9 | 213.4 | 1,325,400 | 108,900 | 0.0 | 0.0 | 0.0 | 0.0 |
| Sep-16 | 675.6   | 160.3 | 196.9 | 675.6   | 160.3 | 196.9 | 1,328,800 | 108,600 | 0.0 | 0.0 | 0.0 | 0.0 |
| Oct-16 | 643.6   | 170.4 | 194.8 | 643.6   | 170.4 | 194.8 | 1,339,100 | 109,500 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nov-16 | 728.6   | 189.0 | 178.9 | 728.6   | 189.0 | 178.9 | 1,349,400 | 109,500 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dec-16 | 766.3   | 189.1 | 180.5 | 766.3   | 189.1 | 180.5 | 1,349,200 | 109,600 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan-17 | 677.2   | 209.9 | 218.6 | 677.2   | 209.9 | 218.6 | 1,324,200 | 108,300 | 0.0 | 0.0 | 0.0 | 0.0 |
| Feb-17 | 677.7   | 163.8 | 204.6 | 677.7   | 163.8 | 204.6 | 1,333,100 | 108,500 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mar-17 | 756.2   | 186.8 | 208.1 | 756.2   | 186.8 | 208.1 | 1,337,200 | 108,500 | 0.0 | 0.0 | 0.0 | 0.0 |
| Apr-17 | 682.2   | 176.6 | 216.4 | 682.2   | 176.6 | 216.4 | 1,345,700 | 108,700 | 0.0 | 0.0 | 0.0 | 0.0 |
| May-17 | 672.0   | 161.4 | 193.2 | 672.0   | 161.4 | 193.2 | 1,351,300 | 108,800 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jun-17 | 754.3   | 150.6 | 219.2 | 754.3   | 150.6 | 219.2 | 1,358,700 | 109,600 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jul-17 | 687.2   | 171.4 | 195.5 | 687.2   | 171.4 | 195.5 | 1,343,400 | 110,900 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug-17 | 833.1   | 153.5 | 205.4 | 833.1   | 153.5 | 205.4 | 1,347,700 | 110,800 | 0.0 | 0.0 | 0.0 | 0.0 |
| Sep-17 | 750.5   | 132.5 | 153.1 | 750.5   | 132.5 | 153.1 | 1,352,600 | 110,300 | 0.0 | 0.0 | 0.0 | 0.0 |
| Oct-17 | 748.3   | 154.5 | 180.6 | 748.3   | 154.5 | 180.6 | 1,367,000 | 110,500 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nov-17 | 832.7   | 158.8 | 173.3 | 832.7   | 158.8 | 173.3 | 1,377,000 | 110,300 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dec-17 | 758.0   | 190.1 | 193.3 | 758.0   | 190.1 | 193.3 | 1,377,400 | 111,200 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan-18 | 793.0   | 177.9 | 218.8 | 793.0   | 177.9 | 218.8 | 1,357,000 | 111,000 | 0.0 | 0.0 | 0.0 | 0.0 |
| Feb-18 | 729.9   | 155.3 | 156.1 | 729.9   | 155.3 | 156.1 | 1,367,400 | 111,300 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mar-18 | 667.5   | 184.2 | 192.8 | 667.5   | 184.2 | 192.8 | 1,371,200 | 111,700 | 0.0 | 0.0 | 0.0 | 0.0 |
| Apr-18 | 660.2   | 171.2 | 226.2 | 660.2   | 171.2 | 226.2 | 1,375,900 | 111,500 | 0.0 | 0.0 | 0.0 | 0.0 |
| May-18 | 835.7   | 160.6 | 236.0 | 835.7   | 160.6 | 236.0 | 1,379,100 | 112,200 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jun-18 | 752.8   | 153.9 | 209.3 | 752.8   | 153.9 | 209.3 | 1,385,300 | 113,200 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jul-18 | 970.1   | 160.6 | 189.1 | 970.1   | 160.6 | 189.1 | 1,371,200 | 113,800 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug-18 | 1,055.9 | 130.5 | 238.1 | 1,055.9 | 130.5 | 238.1 | 1,376,700 | 113,600 | 0.0 | 0.0 | 0.0 | 0.0 |
| Sep-18 | 915.2   | 140.2 | 209.2 | 915.2   | 140.2 | 209.2 | 1,375,500 | 113,000 | 0.0 | 0.0 | 0.0 | 0.0 |
| Oct-18 | 723.7   | 181.1 | 210.3 | 723.7   | 181.1 | 210.3 | 1,389,000 | 113,400 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nov-18 | 1,072.2 | 187.9 | 202.8 | 1,072.2 | 187.9 | 202.8 | 1,398,100 | 113,700 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dec-18 | 953.2   | 212.5 | 187.7 | 953.2   | 212.5 | 187.7 | 1,399,100 | 114,100 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan-19 | 638.6   | 208.4 | 260.4 | 638.6   | 208.4 | 260.4 | 1,377,400 | 113,100 | 0.0 | 0.0 | 0.0 | 0.0 |
| Feb-19 | 572.1   | 217.0 | 209.7 | 572.1   | 217.0 | 209.7 | 1,383,100 | 113,800 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mar-19 | 414.6   | 198.1 | 240.5 | 414.6   | 198.1 | 240.5 | 1,386,600 | 114,000 | 0.0 | 0.0 | 0.0 | 0.0 |
| Apr-19 | 621.6   | 178.4 | 212.6 | 621.6   | 178.4 | 212.6 | 1,392,800 | 114,300 | 0.0 | 0.0 | 0.0 | 0.0 |
| May-19 | 612.2   | 185.3 | 202.7 | 612.2   | 185.3 | 202.7 | 1,397,600 | 114,900 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jun-19 | 587.5   | 175.9 | 176.5 | 587.5   | 175.9 | 176.5 | 1,402,600 | 115,900 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jul-19 | 621.7   | 169.8 | 177.3 | 621.7   | 169.8 | 177.3 | 1,390,200 | 117,300 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug-19 | 640.6   | 171.7 | 222.4 | 640.6   | 171.7 | 222.4 | 1,395,300 | 117,500 | 0.0 | 0.0 | 0.0 | 0.0 |
| Sep-19 | 626.6   | 168.5 | 190.4 | 626.6   | 168.5 | 190.4 | 1,392,100 | 117,100 | 0.0 | 0.0 | 0.0 | 0.0 |
| Oct-19 | 658.9   | 193.9 | 192.8 | 658.9   | 193.9 | 192.8 | 1,408,700 | 117,600 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nov-19 | 619.5   | 216.8 | 179.9 | 619.5   | 216.8 | 179.9 | 1,420,500 | 118,200 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dec-19 | 620.2   | 243.9 | 173.1 | 620.2   | 243.9 | 173.1 | 1,415,300 | 118,500 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan-20 | 626.5   | 243.6 | 217.6 | 626.5   | 243.6 | 217.6 | 1,395,400 | 118,100 | 0.0 | 0.0 | 0.0 | 0.0 |
| Feb-20 | 595.6   | 225.7 | 193.5 | 595.6   | 225.7 | 193.5 | 1,406,000 | 118,700 | 0.0 | 0.0 | 0.0 | 0.0 |

SDGE Noncore Commercial, Industrial and Small Cogeneration Gas Demand (Monthly)

|        |       |       |       |       |       |       |           |         |      |      |       |      |
|--------|-------|-------|-------|-------|-------|-------|-----------|---------|------|------|-------|------|
| Mar-20 | 589.6 | 235.9 | 220.6 | 589.6 | 235.9 | 220.6 | 1,391,200 | 118,300 | 0.0  | 0.0  | 0.0   | 0.0  |
| Apr-20 | 548.4 | 191.1 | 248.0 | 548.4 | 191.1 | 248.0 | 1,165,200 | 110,400 | 0.0  | 0.0  | 0.0   | 0.0  |
| May-20 | 625.7 | 165.1 | 198.3 | 625.7 | 165.1 | 198.3 | 1,179,500 | 111,000 | 0.0  | 0.0  | 0.0   | 0.0  |
| Jun-20 | 571.1 | 167.2 | 193.0 | 571.1 | 167.2 | 193.0 | 1,235,300 | 113,000 | 0.0  | 0.0  | 0.0   | 0.0  |
| Jul-20 | 688.4 | 160.9 | 222.2 | 688.4 | 160.9 | 222.2 | 1,234,600 | 113,600 | 0.0  | 0.0  | 0.0   | 0.0  |
| Aug-20 | 700.8 | 164.1 | 187.4 | 700.8 | 164.1 | 187.4 | 1,243,900 | 113,500 | 0.0  | 0.0  | 0.0   | 0.0  |
| Sep-20 | 669.2 | 162.8 | 208.7 | 669.2 | 162.8 | 208.7 | 1,258,300 | 113,300 | 0.0  | 0.0  | 0.0   | 0.0  |
| Oct-20 | 671.8 | 171.0 | 216.1 | 671.8 | 171.0 | 216.1 | 1,278,500 | 113,200 | 0.0  | 0.0  | 0.0   | 0.0  |
| Nov-20 | 575.8 | 203.3 | 207.0 | 575.8 | 203.3 | 207.0 | 1,291,300 | 113,500 | 0.0  | 0.0  | 0.0   | 0.0  |
| Dec-20 | 570.2 | 228.6 | 209.6 | 570.2 | 228.6 | 209.6 | 1,284,700 | 113,200 | 0.0  | 0.0  | 0.0   | 0.0  |
| Jan-21 | 612.3 | 218.1 | 202.1 | 612.3 | 218.1 | 202.1 | 1,246,700 | 113,300 | 0.0  | 0.0  | 0.0   | 0.0  |
| Feb-21 | 568.8 | 191.3 | 211.1 | 568.8 | 191.3 | 211.1 | 1,276,500 | 114,600 | 0.0  | 0.0  | 0.0   | 0.0  |
| Mar-21 | 626.4 | 274.4 | 242.3 | 626.4 | 274.4 | 242.3 | 1,284,400 | 114,300 | 0.0  | 0.0  | 0.0   | 0.0  |
| Apr-21 | 535.1 | 237.2 | 242.9 | 535.1 | 237.2 | 242.9 | 1,293,200 | 114,500 | 0.0  | 0.0  | 0.0   | 0.0  |
| May-21 | 630.0 | 213.6 | 216.2 | 630.0 | 213.6 | 216.2 | 1,297,100 | 113,900 | 0.0  | 0.0  | 0.0   | 0.0  |
| Jun-21 | 597.9 | 189.3 | 250.8 | 597.9 | 189.3 | 250.8 | 1,301,100 | 115,700 | 0.0  | 0.0  | 0.0   | 0.0  |
| Jul-21 | 664.4 | 154.7 | 196.2 | 664.4 | 154.7 | 196.2 | 1,296,900 | 114,500 | 0.0  | 0.0  | 0.0   | 0.0  |
| Aug-21 | 659.5 | 163.3 | 216.4 | 659.5 | 163.3 | 216.4 | 1,305,400 | 113,900 | 0.0  | 0.0  | 0.0   | 0.0  |
| Sep-21 | 661.7 | 158.6 | 163.9 | 661.7 | 158.6 | 163.9 | 1,312,800 | 113,100 | 0.0  | 0.0  | 0.0   | 0.0  |
| Oct-21 | 566.7 | 213.4 | 188.7 | 566.7 | 213.4 | 188.7 | 1,339,600 | 113,800 | 0.0  | 0.0  | 0.0   | 0.0  |
| Nov-21 | 603.3 | 174.5 | 240.7 | 603.3 | 174.5 | 240.7 | 1,350,829 | 114,381 | 0.0  | 0.0  | 0.0   | 0.0  |
| Dec-21 | 620.3 | 234.2 | 248.2 | 620.3 | 234.2 | 248.2 | 1,345,873 | 114,668 | 0.0  | 0.0  | 0.0   | 0.0  |
| Jan-22 | 617.4 | 223.4 | 231.4 | 622.5 | 224.0 | 233.3 | 1,320,023 | 113,358 | -0.7 | -0.6 | -5.1  | -1.3 |
| Feb-22 | 634.8 | 223.4 | 231.0 | 640.0 | 224.0 | 232.9 | 1,352,041 | 115,187 | -0.7 | -0.6 | -5.2  | -1.3 |
| Mar-22 | 641.1 | 220.4 | 225.5 | 646.4 | 221.1 | 227.3 | 1,358,158 | 115,417 | -0.7 | -0.6 | -5.3  | -1.2 |
| Apr-22 | 653.4 | 218.6 | 224.1 | 658.7 | 219.2 | 226.0 | 1,365,722 | 116,935 | -0.7 | -0.6 | -5.4  | -1.2 |
| May-22 | 651.2 | 216.6 | 218.9 | 656.5 | 217.3 | 220.7 | 1,368,506 | 116,088 | -0.7 | -0.6 | -5.3  | -1.2 |
| Jun-22 | 662.1 | 215.2 | 218.5 | 667.6 | 215.9 | 220.3 | 1,371,720 | 117,684 | -0.7 | -0.6 | -5.4  | -1.2 |
| Jul-22 | 653.5 | 213.3 | 212.7 | 658.9 | 214.0 | 214.5 | 1,369,114 | 115,917 | -0.7 | -0.6 | -5.4  | -1.2 |
| Aug-22 | 651.5 | 212.8 | 209.5 | 656.8 | 213.5 | 211.2 | 1,373,462 | 115,384 | -0.7 | -0.6 | -5.3  | -1.1 |
| Sep-22 | 648.0 | 212.5 | 206.2 | 653.3 | 213.2 | 207.9 | 1,377,508 | 114,646 | -0.7 | -0.6 | -5.3  | -1.1 |
| Oct-22 | 654.6 | 215.6 | 206.3 | 660.0 | 216.3 | 208.0 | 1,402,438 | 115,715 | -0.7 | -0.6 | -5.4  | -1.1 |
| Nov-22 | 657.1 | 216.2 | 205.4 | 662.5 | 216.8 | 207.1 | 1,409,808 | 116,091 | -0.7 | -0.6 | -5.4  | -1.1 |
| Dec-22 | 657.8 | 214.3 | 204.3 | 663.2 | 215.0 | 206.0 | 1,400,614 | 116,169 | -0.7 | -0.6 | -5.4  | -1.1 |
| Jan-23 | 646.7 | 208.9 | 199.3 | 653.2 | 210.4 | 201.8 | 1,372,723 | 114,382 | -1.5 | -1.2 | -6.5  | -1.3 |
| Feb-23 | 657.5 | 213.0 | 201.5 | 664.1 | 214.4 | 204.1 | 1,400,995 | 116,270 | -1.5 | -1.2 | -6.6  | -1.3 |
| Mar-23 | 659.2 | 212.9 | 201.2 | 665.8 | 214.4 | 203.7 | 1,402,099 | 116,546 | -1.5 | -1.2 | -6.6  | -1.3 |
| Apr-23 | 667.2 | 212.7 | 202.8 | 673.9 | 214.1 | 205.4 | 1,401,673 | 117,938 | -1.5 | -1.2 | -6.7  | -1.3 |
| May-23 | 663.7 | 212.6 | 201.2 | 670.3 | 214.1 | 203.7 | 1,402,228 | 117,310 | -1.5 | -1.2 | -6.7  | -1.3 |
| Jun-23 | 674.1 | 212.6 | 203.8 | 680.9 | 214.0 | 206.3 | 1,402,660 | 119,155 | -1.5 | -1.2 | -6.8  | -1.3 |
| Jul-23 | 669.3 | 211.7 | 201.9 | 676.0 | 213.2 | 204.4 | 1,397,562 | 118,290 | -1.5 | -1.2 | -6.7  | -1.3 |
| Aug-23 | 663.6 | 212.0 | 199.8 | 670.3 | 213.4 | 202.3 | 1,399,552 | 117,282 | -1.5 | -1.2 | -6.7  | -1.3 |
| Sep-23 | 656.8 | 212.1 | 197.4 | 663.4 | 213.5 | 199.9 | 1,400,617 | 116,076 | -1.5 | -1.2 | -6.6  | -1.3 |
| Oct-23 | 658.6 | 215.2 | 197.7 | 665.3 | 216.7 | 200.2 | 1,421,682 | 116,403 | -1.5 | -1.2 | -6.6  | -1.3 |
| Nov-23 | 659.9 | 216.2 | 197.8 | 666.5 | 217.6 | 200.3 | 1,428,053 | 116,624 | -1.5 | -1.2 | -6.6  | -1.3 |
| Dec-23 | 659.5 | 214.6 | 197.5 | 666.1 | 216.0 | 200.0 | 1,417,672 | 116,545 | -1.5 | -1.2 | -6.6  | -1.3 |
| Jan-24 | 645.4 | 209.0 | 192.8 | 654.2 | 211.4 | 196.2 | 1,387,319 | 114,466 | -2.4 | -1.8 | -8.8  | -1.7 |
| Feb-24 | 655.9 | 213.5 | 195.8 | 664.9 | 215.8 | 199.3 | 1,416,673 | 116,331 | -2.4 | -1.8 | -8.9  | -1.7 |
| Mar-24 | 657.4 | 213.7 | 196.1 | 666.3 | 216.1 | 199.6 | 1,418,421 | 116,581 | -2.4 | -1.8 | -8.9  | -1.7 |
| Apr-24 | 664.8 | 213.8 | 198.2 | 673.8 | 216.2 | 201.7 | 1,418,927 | 117,899 | -2.4 | -1.8 | -9.0  | -1.7 |
| May-24 | 661.4 | 214.0 | 197.0 | 670.4 | 216.3 | 200.6 | 1,419,930 | 117,296 | -2.4 | -1.8 | -9.0  | -1.7 |
| Jun-24 | 671.9 | 214.1 | 200.1 | 681.1 | 216.4 | 203.7 | 1,420,630 | 119,164 | -2.4 | -1.8 | -9.1  | -1.7 |
| Jul-24 | 667.3 | 213.4 | 198.7 | 676.3 | 215.7 | 202.2 | 1,416,015 | 118,338 | -2.4 | -1.8 | -9.1  | -1.7 |
| Aug-24 | 661.6 | 213.6 | 196.9 | 670.6 | 216.0 | 200.4 | 1,417,799 | 117,340 | -2.4 | -1.8 | -9.0  | -1.7 |
| Sep-24 | 654.9 | 213.8 | 194.8 | 663.8 | 216.1 | 198.3 | 1,418,775 | 116,142 | -2.4 | -1.8 | -8.9  | -1.7 |
| Oct-24 | 657.0 | 217.1 | 195.4 | 665.9 | 219.4 | 198.9 | 1,440,402 | 116,514 | -2.4 | -1.8 | -8.9  | -1.7 |
| Nov-24 | 658.1 | 217.9 | 195.7 | 667.0 | 220.3 | 199.2 | 1,445,956 | 116,710 | -2.4 | -1.8 | -8.9  | -1.7 |
| Dec-24 | 657.5 | 216.2 | 195.5 | 666.4 | 218.6 | 199.0 | 1,434,816 | 116,606 | -2.4 | -1.8 | -8.9  | -1.7 |
| Jan-25 | 644.4 | 210.6 | 191.1 | 654.5 | 213.9 | 195.4 | 1,403,938 | 114,518 | -3.3 | -2.4 | -10.1 | -1.9 |
| Feb-25 | 654.7 | 215.0 | 194.2 | 664.9 | 218.3 | 198.5 | 1,433,172 | 116,342 | -3.3 | -2.4 | -10.3 | -1.9 |
| Mar-25 | 655.9 | 215.2 | 194.5 | 666.1 | 218.5 | 198.8 | 1,434,464 | 116,551 | -3.3 | -2.4 | -10.3 | -1.9 |
| Apr-25 | 663.2 | 215.1 | 196.7 | 673.6 | 218.4 | 201.0 | 1,433,871 | 117,858 | -3.3 | -2.4 | -10.4 | -1.9 |
| May-25 | 659.4 | 215.3 | 195.5 | 669.7 | 218.5 | 199.8 | 1,434,683 | 117,181 | -3.3 | -2.4 | -10.3 | -1.9 |
| Jun-25 | 669.5 | 215.3 | 198.6 | 680.0 | 218.6 | 202.9 | 1,435,154 | 118,972 | -3.3 | -2.4 | -10.5 | -2.0 |
| Jul-25 | 664.1 | 214.5 | 196.9 | 674.5 | 217.8 | 201.3 | 1,429,841 | 118,021 | -3.3 | -2.4 | -10.4 | -2.0 |
| Aug-25 | 658.4 | 214.8 | 195.2 | 668.7 | 218.1 | 199.5 | 1,431,665 | 117,003 | -3.3 | -2.4 | -10.3 | -1.9 |
| Sep-25 | 651.6 | 215.0 | 193.1 | 661.8 | 218.3 | 197.4 | 1,432,855 | 115,786 | -3.3 | -2.4 | -10.2 | -1.9 |
| Oct-25 | 653.1 | 218.3 | 193.6 | 663.3 | 221.6 | 197.9 | 1,454,897 | 116,062 | -3.3 | -2.4 | -10.2 | -1.9 |
| Nov-25 | 654.5 | 219.2 | 194.0 | 664.7 | 222.5 | 198.3 | 1,460,536 | 116,307 | -3.3 | -2.4 | -10.3 | -1.9 |
| Dec-25 | 654.2 | 217.5 | 193.9 | 664.4 | 220.8 | 198.2 | 1,449,434 | 116,253 | -3.3 | -2.4 | -10.2 | -1.9 |
| Jan-26 | 641.6 | 211.9 | 189.7 | 652.6 | 216.1 | 194.7 | 1,418,527 | 114,189 | -4.2 | -2.9 | -11.1 | -2.1 |
| Feb-26 | 652.3 | 216.4 | 192.9 | 663.5 | 220.6 | 197.9 | 1,448,144 | 116,089 | -4.2 | -2.9 | -11.2 | -2.1 |
| Mar-26 | 653.9 | 216.6 | 193.4 | 665.1 | 220.8 | 198.4 | 1,449,760 | 116,379 | -4.2 | -2.9 | -11.3 | -2.1 |
| Apr-26 | 661.6 | 216.6 | 195.7 | 673.0 | 220.8 | 200.8 | 1,449,414 | 117,760 | -4.2 | -2.9 | -11.4 | -2.1 |
| May-26 | 658.3 | 216.7 | 194.7 | 669.7 | 220.9 | 199.7 | 1,450,371 | 117,174 | -4.2 | -2.9 | -11.3 | -2.1 |
| Jun-26 | 668.9 | 216.8 | 197.9 | 680.5 | 221.0 | 203.0 | 1,450,940 | 119,057 | -4.2 | -2.9 | -11.5 | -2.2 |
| Jul-26 | 664.5 | 216.0 | 196.6 | 675.9 | 220.2 | 201.6 | 1,445,858 | 118,265 | -4.2 | -2.9 | -11.4 | -2.2 |
| Aug-26 | 658.9 | 216.3 | 194.9 | 670.2 | 220.5 | 199.9 | 1,447,308 | 117,267 | -4.2 | -2.9 | -11.3 | -2.1 |
| Sep-26 | 652.1 | 216.4 | 192.9 | 663.4 | 220.6 | 197.9 | 1,448,392 | 116,070 | -4.2 | -2.9 | -11.2 | -2.1 |
| Oct-26 | 653.9 | 220.0 | 193.4 | 665.1 | 224.1 | 198.4 | 1,471,498 | 116,376 | -4.2 | -2.9 | -11.3 | -2.1 |
| Nov-26 | 655.3 | 220.6 | 193.8 | 666.6 | 224.8 | 198.8 | 1,475,947 | 116,638 | -4.2 | -2.9 | -11.3 | -2.1 |
| Dec-26 | 655.1 | 218.7 | 193.7 | 666.4 | 222.9 | 198.8 | 1,463,560 | 116,599 | -4.2 | -2.9 | -11.3 | -2.1 |
| Jan-27 | 642.5 | 212.6 | 189.5 | 654.9 | 217.8 | 195.3 | 1,429,739 | 114,583 | -5.2 | -3.5 | -12.4 | -2.3 |
| Feb-27 | 653.1 | 217.2 | 192.7 | 665.6 | 222.4 | 198.5 | 1,460,071 | 116,467 | -5.2 | -3.5 | -12.6 | -2.4 |
| Mar-27 | 654.6 | 217.5 | 193.1 | 667.2 | 222.7 | 199.0 | 1,462,236 | 116,735 | -5.2 | -3.5 | -12.6 | -2.4 |
| Apr-27 | 662.3 | 217.7 | 195.4 | 675.0 | 222.9 | 201.3 | 1,463,349 | 118,104 | -5.2 | -3.5 | -12.7 | -2.4 |
| May-27 | 658.8 | 217.8 | 194.4 | 671.5 | 223.0 | 200.3 | 1,463,814 | 117,485 | -5.2 | -3.5 | -12.7 | -2.4 |

SDGE Noncore Commercial, Industrial and Small Cogeneration Gas Demand (Monthly)

|        |       |       |       |       |       |       |           |         |      |      |       |      |
|--------|-------|-------|-------|-------|-------|-------|-----------|---------|------|------|-------|------|
| Jun-27 | 669.2 | 217.8 | 197.5 | 682.1 | 223.0 | 203.4 | 1,463,849 | 119,341 | -5.2 | -3.5 | -12.9 | -2.4 |
| Jul-27 | 664.5 | 216.9 | 196.1 | 677.3 | 222.1 | 202.0 | 1,457,832 | 118,504 | -5.2 | -3.5 | -12.8 | -2.4 |
| Aug-27 | 658.8 | 217.0 | 194.4 | 671.5 | 222.2 | 200.3 | 1,459,015 | 117,484 | -5.2 | -3.5 | -12.7 | -2.4 |
| Sep-27 | 652.0 | 217.2 | 192.3 | 664.5 | 222.4 | 198.2 | 1,459,875 | 116,266 | -5.2 | -3.5 | -12.5 | -2.4 |
| Oct-27 | 653.8 | 220.5 | 192.9 | 666.4 | 225.7 | 198.8 | 1,481,872 | 116,599 | -5.2 | -3.5 | -12.6 | -2.4 |
| Nov-27 | 654.9 | 221.3 | 193.2 | 667.5 | 226.5 | 199.1 | 1,487,092 | 116,795 | -5.2 | -3.5 | -12.6 | -2.4 |
| Dec-27 | 654.3 | 219.5 | 193.1 | 666.9 | 224.7 | 198.9 | 1,475,333 | 116,690 | -5.2 | -3.5 | -12.6 | -2.4 |
| Jan-28 | 641.3 | 213.7 | 188.7 | 655.0 | 219.9 | 195.3 | 1,443,748 | 114,596 | -6.2 | -4.1 | -13.6 | -2.6 |
| Feb-28 | 651.5 | 218.2 | 191.8 | 665.4 | 224.4 | 198.5 | 1,473,461 | 116,425 | -6.2 | -4.1 | -13.9 | -2.6 |
| Mar-28 | 652.7 | 218.4 | 192.2 | 666.6 | 224.6 | 198.8 | 1,474,743 | 116,637 | -6.2 | -4.1 | -13.9 | -2.6 |
| Apr-28 | 660.0 | 218.3 | 194.3 | 674.1 | 224.5 | 201.0 | 1,474,098 | 117,939 | -6.2 | -4.1 | -14.0 | -2.6 |
| May-28 | 656.3 | 218.4 | 193.2 | 670.3 | 224.6 | 199.9 | 1,474,424 | 117,274 | -6.2 | -4.1 | -14.0 | -2.6 |
| Jun-28 | 666.4 | 218.4 | 196.3 | 680.6 | 224.6 | 203.0 | 1,474,352 | 119,080 | -6.2 | -4.1 | -14.2 | -2.7 |
| Jul-28 | 661.2 | 217.4 | 194.7 | 675.3 | 223.6 | 201.4 | 1,468,032 | 118,159 | -6.2 | -4.1 | -14.1 | -2.6 |
| Aug-28 | 655.5 | 217.6 | 193.0 | 669.5 | 223.8 | 199.7 | 1,469,206 | 117,134 | -6.2 | -4.1 | -14.0 | -2.6 |
| Sep-28 | 648.7 | 217.7 | 190.9 | 662.5 | 223.9 | 197.6 | 1,470,044 | 115,910 | -6.2 | -4.1 | -13.8 | -2.6 |
| Oct-28 | 650.3 | 221.1 | 191.4 | 664.2 | 227.3 | 198.1 | 1,492,217 | 116,210 | -6.2 | -4.1 | -13.8 | -2.6 |
| Nov-28 | 651.5 | 221.9 | 191.8 | 665.4 | 228.1 | 198.4 | 1,497,342 | 116,421 | -6.2 | -4.1 | -13.9 | -2.6 |
| Dec-28 | 651.0 | 220.0 | 191.6 | 664.9 | 226.3 | 198.3 | 1,485,380 | 116,332 | -6.2 | -4.1 | -13.9 | -2.6 |

## **Gas Demand Forecasts for the Combined, Electric Generation Rate Group By EG Rate Tier**

The over-all gas demand forecasts for electric generation (under the EG rate category) are aggregated from the individual market segment forecasts for small cogeneration (capacity < 20 Mw), large cogeneration (capacity > 20 Mw) and Power Plant gas demand.

The gas demand forecast for small cogeneration is discussed in previous section. Small cogeneration gas demand is billed according to the two-tiered EG rate structure. The projected gas demand by tier assigns 39.845% of the total cogeneration demand to tier 1; the remaining 60.155% is assigned to tier 2. These ratios are calculated based on 2021 historical data. Tables 1a and 1b show the monthly forecasts of cogeneration gas demand by EG rate tier.

The gas demand forecasts for large cogeneration and Power Plant are provided by Mr. Huang based on the power market simulation model he uses. Forecast details are discussed by Mr. Huang in his prepared testimony and his workpapers. Large cogeneration and Power plant gas demand is also billed at the EG rate structure. Tables 2a and 2b show the monthly forecasts of power plant gas demand by EG rate tier

Using the August 2024 data as an example, the resulting EG-tier1 and EG-tier 2 forecasts of gas demand would be:

### Tier 1:

$$\begin{aligned} \text{EG-Tier1\_MDth} &= ( 263.6 \text{ MDth for Small CoGen}) \\ &+ ( 0.0 \text{ MDth for Large CoGen/Power Plant}) \\ &= ( 263.6 \text{ MDth}). \end{aligned}$$

### Tier 2:

$$\begin{aligned} \text{EG-Tier2\_MDth} &= ( 398.0 \text{ MDth for Small CoGen}) \\ &+ ( 2,313.3 \text{ MDth for Large CoGen/Power Plant}) \\ &= ( 2,711.3 \text{ MDth}). \end{aligned}$$

Note that the calculations above may reflect small rounding errors.

These results (noting that 1 MDth = 10 MTherms) are consistent with values 2,636 MTherms and data 27,113 MTherms, respectively, for tier1 and tier2 gas demand shown in the SDG&E consolidated gas demand forecast work papers for August 2024.

**Table 1a Small Cogeneration Gas Demand (1/2)**

| Year | Month | Total Small CoGen<br>( MDth ) | Small CoGen<br>Tier 1 (Mdth) | Small CoGen<br>Tier 2 (Mdth) |
|------|-------|-------------------------------|------------------------------|------------------------------|
| 2022 | Jan   | 617.4                         | 246.0                        | 371.4                        |
| 2022 | Feb   | 634.8                         | 252.9                        | 381.8                        |
| 2022 | Mar   | 641.1                         | 255.4                        | 385.7                        |
| 2022 | Apr   | 653.4                         | 260.3                        | 393.0                        |
| 2022 | May   | 651.2                         | 259.5                        | 391.7                        |
| 2022 | Jun   | 662.1                         | 263.8                        | 398.3                        |
| 2022 | Jul   | 653.5                         | 260.4                        | 393.1                        |
| 2022 | Aug   | 651.5                         | 259.6                        | 391.9                        |
| 2022 | Sep   | 648.0                         | 258.2                        | 389.8                        |
| 2022 | Oct   | 654.6                         | 260.8                        | 393.8                        |
| 2022 | Nov   | 657.1                         | 261.8                        | 395.3                        |
| 2022 | Dec   | 657.8                         | 262.1                        | 395.7                        |
| 2023 | Jan   | 646.7                         | 257.7                        | 389.0                        |
| 2023 | Feb   | 657.5                         | 262.0                        | 395.6                        |
| 2023 | Mar   | 659.2                         | 262.7                        | 396.6                        |
| 2023 | Apr   | 667.2                         | 265.8                        | 401.3                        |
| 2023 | May   | 663.7                         | 264.4                        | 399.2                        |
| 2023 | Jun   | 674.1                         | 268.6                        | 405.5                        |
| 2023 | Jul   | 669.3                         | 266.7                        | 402.6                        |
| 2023 | Aug   | 663.6                         | 264.4                        | 399.2                        |
| 2023 | Sep   | 656.8                         | 261.7                        | 395.1                        |
| 2023 | Oct   | 658.6                         | 262.4                        | 396.2                        |
| 2023 | Nov   | 659.9                         | 262.9                        | 397.0                        |
| 2023 | Dec   | 659.5                         | 262.8                        | 396.7                        |
| 2024 | Jan   | 645.4                         | 257.2                        | 388.3                        |
| 2024 | Feb   | 655.9                         | 261.4                        | 394.6                        |
| 2024 | Mar   | 657.4                         | 261.9                        | 395.4                        |
| 2024 | Apr   | 664.8                         | 264.9                        | 399.9                        |
| 2024 | May   | 661.4                         | 263.5                        | 397.9                        |
| 2024 | Jun   | 671.9                         | 267.7                        | 404.2                        |
| 2024 | Jul   | 667.3                         | 265.9                        | 401.4                        |
| 2024 | Aug   | 661.6                         | 263.6                        | 398.0                        |
| 2024 | Sep   | 654.9                         | 260.9                        | 394.0                        |
| 2024 | Oct   | 657.0                         | 261.8                        | 395.2                        |
| 2024 | Nov   | 658.1                         | 262.2                        | 395.9                        |
| 2024 | Dec   | 657.5                         | 262.0                        | 395.5                        |
| 2025 | Jan   | 644.4                         | 256.8                        | 387.7                        |
| 2025 | Feb   | 654.7                         | 260.9                        | 393.8                        |
| 2025 | Mar   | 655.9                         | 261.3                        | 394.5                        |
| 2025 | Apr   | 663.2                         | 264.3                        | 399.0                        |
| 2025 | May   | 659.4                         | 262.7                        | 396.7                        |
| 2025 | Jun   | 669.5                         | 266.8                        | 402.7                        |
| 2025 | Jul   | 664.1                         | 264.6                        | 399.5                        |
| 2025 | Aug   | 658.4                         | 262.3                        | 396.1                        |
| 2025 | Sep   | 651.6                         | 259.6                        | 391.9                        |
| 2025 | Oct   | 653.1                         | 260.2                        | 392.9                        |
| 2025 | Nov   | 654.5                         | 260.8                        | 393.7                        |
| 2025 | Dec   | 654.2                         | 260.7                        | 393.5                        |

**Table 1b Small Cogeneration Gas Demand (2/2)**

| Year | Month | Total Small CoGen<br>( MDth ) | Small CoGen<br>Tier 1 (Mdt) | Small CoGen<br>Tier 2 (Mdt) |
|------|-------|-------------------------------|-----------------------------|-----------------------------|
| 2026 | Jan   | 641.6                         | 255.6                       | 385.9                       |
| 2026 | Feb   | 652.3                         | 259.9                       | 392.4                       |
| 2026 | Mar   | 653.9                         | 260.5                       | 393.3                       |
| 2026 | Apr   | 661.6                         | 263.6                       | 398.0                       |
| 2026 | May   | 658.3                         | 262.3                       | 396.0                       |
| 2026 | Jun   | 668.9                         | 266.5                       | 402.4                       |
| 2026 | Jul   | 664.5                         | 264.8                       | 399.7                       |
| 2026 | Aug   | 658.9                         | 262.5                       | 396.3                       |
| 2026 | Sep   | 652.1                         | 259.8                       | 392.3                       |
| 2026 | Oct   | 653.9                         | 260.5                       | 393.3                       |
| 2026 | Nov   | 655.3                         | 261.1                       | 394.2                       |
| 2026 | Dec   | 655.1                         | 261.0                       | 394.1                       |
| 2027 | Jan   | 642.5                         | 256.0                       | 386.5                       |
| 2027 | Feb   | 653.1                         | 260.2                       | 392.9                       |
| 2027 | Mar   | 654.6                         | 260.8                       | 393.8                       |
| 2027 | Apr   | 662.3                         | 263.9                       | 398.4                       |
| 2027 | May   | 658.8                         | 262.5                       | 396.3                       |
| 2027 | Jun   | 669.2                         | 266.6                       | 402.6                       |
| 2027 | Jul   | 664.5                         | 264.8                       | 399.7                       |
| 2027 | Aug   | 658.8                         | 262.5                       | 396.3                       |
| 2027 | Sep   | 652.0                         | 259.8                       | 392.2                       |
| 2027 | Oct   | 653.8                         | 260.5                       | 393.3                       |
| 2027 | Nov   | 654.9                         | 261.0                       | 394.0                       |
| 2027 | Dec   | 654.3                         | 260.7                       | 393.6                       |
| 2028 | Jan   | 641.3                         | 255.5                       | 385.8                       |
| 2028 | Feb   | 651.5                         | 259.6                       | 391.9                       |
| 2028 | Mar   | 652.7                         | 260.1                       | 392.7                       |
| 2028 | Apr   | 660.0                         | 263.0                       | 397.0                       |
| 2028 | May   | 656.3                         | 261.5                       | 394.8                       |
| 2028 | Jun   | 666.4                         | 265.5                       | 400.9                       |
| 2028 | Jul   | 661.2                         | 263.5                       | 397.8                       |
| 2028 | Aug   | 655.5                         | 261.2                       | 394.3                       |
| 2028 | Sep   | 648.7                         | 258.5                       | 390.2                       |
| 2028 | Oct   | 650.3                         | 259.1                       | 391.2                       |
| 2028 | Nov   | 651.5                         | 259.6                       | 391.9                       |
| 2028 | Dec   | 651.0                         | 259.4                       | 391.6                       |



**Table 2a Large Cogeneration / Power Plant Gas Demand (1/2)**

| Year | Month | Total Lg CoGen/PowerPlant<br>( MDth ) | Lg CoGen/PowerPlant<br>Tier 1 (Mdt) | Lg CoGen/PowerPlant<br>Tier 2 (Mdt) |
|------|-------|---------------------------------------|-------------------------------------|-------------------------------------|
| 2022 | Jan   | 2,724.0                               | 0.0                                 | 2,724.0                             |
| 2022 | Feb   | 2,378.0                               | 0.0                                 | 2,378.0                             |
| 2022 | Mar   | 2,506.6                               | 0.0                                 | 2,506.6                             |
| 2022 | Apr   | 2,377.9                               | 0.0                                 | 2,377.9                             |
| 2022 | May   | 2,428.3                               | 0.0                                 | 2,428.3                             |
| 2022 | Jun   | 2,528.2                               | 0.0                                 | 2,528.2                             |
| 2022 | Jul   | 2,985.4                               | 0.0                                 | 2,985.4                             |
| 2022 | Aug   | 3,230.0                               | 0.0                                 | 3,230.0                             |
| 2022 | Sep   | 3,128.5                               | 0.0                                 | 3,128.5                             |
| 2022 | Oct   | 2,862.4                               | 0.0                                 | 2,862.4                             |
| 2022 | Nov   | 2,617.7                               | 0.0                                 | 2,617.7                             |
| 2022 | Dec   | 2,871.4                               | 0.8                                 | 2,870.6                             |
| 2023 | Jan   | 2,454.2                               | 0.0                                 | 2,454.2                             |
| 2023 | Feb   | 2,124.1                               | 0.0                                 | 2,124.1                             |
| 2023 | Mar   | 2,225.1                               | 0.0                                 | 2,225.1                             |
| 2023 | Apr   | 2,061.2                               | 0.0                                 | 2,061.2                             |
| 2023 | May   | 2,156.1                               | 0.0                                 | 2,156.1                             |
| 2023 | Jun   | 2,225.2                               | 0.0                                 | 2,225.2                             |
| 2023 | Jul   | 2,599.8                               | 0.0                                 | 2,599.8                             |
| 2023 | Aug   | 2,760.5                               | 0.0                                 | 2,760.5                             |
| 2023 | Sep   | 2,729.8                               | 0.0                                 | 2,729.8                             |
| 2023 | Oct   | 2,531.6                               | 0.0                                 | 2,531.6                             |
| 2023 | Nov   | 2,337.2                               | 0.0                                 | 2,337.2                             |
| 2023 | Dec   | 2,497.6                               | 0.0                                 | 2,497.6                             |
| 2024 | Jan   | 2,022.3                               | 0.0                                 | 2,022.3                             |
| 2024 | Feb   | 1,886.7                               | 0.0                                 | 1,886.7                             |
| 2024 | Mar   | 1,797.2                               | 0.0                                 | 1,797.2                             |
| 2024 | Apr   | 1,659.4                               | 0.0                                 | 1,659.4                             |
| 2024 | May   | 1,745.5                               | 0.0                                 | 1,745.5                             |
| 2024 | Jun   | 1,839.0                               | 0.0                                 | 1,839.0                             |
| 2024 | Jul   | 2,254.0                               | 0.0                                 | 2,254.0                             |
| 2024 | Aug   | 2,313.3                               | 0.0                                 | 2,313.3                             |
| 2024 | Sep   | 2,273.0                               | 0.0                                 | 2,273.0                             |
| 2024 | Oct   | 2,164.7                               | 0.0                                 | 2,164.7                             |
| 2024 | Nov   | 1,966.1                               | 0.0                                 | 1,966.1                             |
| 2024 | Dec   | 2,120.8                               | 0.0                                 | 2,120.8                             |
| 2025 | Jan   | 1,908.5                               | 0.0                                 | 1,908.5                             |
| 2025 | Feb   | 1,545.5                               | 0.0                                 | 1,545.5                             |
| 2025 | Mar   | 1,565.5                               | 0.0                                 | 1,565.5                             |
| 2025 | Apr   | 1,388.0                               | 0.0                                 | 1,388.0                             |
| 2025 | May   | 1,527.7                               | 0.0                                 | 1,527.7                             |
| 2025 | Jun   | 1,782.1                               | 0.0                                 | 1,782.1                             |
| 2025 | Jul   | 2,074.9                               | 0.0                                 | 2,074.9                             |
| 2025 | Aug   | 2,067.8                               | 0.0                                 | 2,067.8                             |
| 2025 | Sep   | 1,928.7                               | 0.0                                 | 1,928.7                             |
| 2025 | Oct   | 1,893.9                               | 0.0                                 | 1,893.9                             |
| 2025 | Nov   | 1,752.2                               | 0.0                                 | 1,752.2                             |
| 2025 | Dec   | 1,952.0                               | 0.0                                 | 1,952.0                             |

**Table 2b Large Cogeneration / Power Plant Gas Demand (2/2)**

| Year | Month | Total Lg CoGen/PowerPlant<br>( MDth ) | Lg CoGen/PowerPlant<br>Tier 1 (Mdt) | Lg CoGen/PowerPlant<br>Tier 2 (Mdt) |
|------|-------|---------------------------------------|-------------------------------------|-------------------------------------|
| 2026 | Jan   | 1,777.1                               | 0.0                                 | 1,777.1                             |
| 2026 | Feb   | 1,545.2                               | 0.0                                 | 1,545.2                             |
| 2026 | Mar   | 1,611.2                               | 0.0                                 | 1,611.2                             |
| 2026 | Apr   | 1,424.3                               | 0.0                                 | 1,424.3                             |
| 2026 | May   | 1,422.8                               | 0.0                                 | 1,422.8                             |
| 2026 | Jun   | 1,659.7                               | 0.0                                 | 1,659.7                             |
| 2026 | Jul   | 2,032.3                               | 0.0                                 | 2,032.3                             |
| 2026 | Aug   | 2,265.3                               | 0.0                                 | 2,265.3                             |
| 2026 | Sep   | 2,090.9                               | 0.0                                 | 2,090.9                             |
| 2026 | Oct   | 1,913.0                               | 0.0                                 | 1,913.0                             |
| 2026 | Nov   | 1,662.7                               | 0.0                                 | 1,662.7                             |
| 2026 | Dec   | 1,822.1                               | 0.0                                 | 1,822.1                             |
| 2027 | Jan   | 1,769.6                               | 0.0                                 | 1,769.6                             |
| 2027 | Feb   | 1,419.0                               | 0.0                                 | 1,419.0                             |
| 2027 | Mar   | 1,591.4                               | 0.0                                 | 1,591.4                             |
| 2027 | Apr   | 1,237.4                               | 0.0                                 | 1,237.4                             |
| 2027 | May   | 1,391.0                               | 0.0                                 | 1,391.0                             |
| 2027 | Jun   | 1,756.5                               | 0.0                                 | 1,756.5                             |
| 2027 | Jul   | 2,089.7                               | 0.0                                 | 2,089.7                             |
| 2027 | Aug   | 1,954.4                               | 0.0                                 | 1,954.4                             |
| 2027 | Sep   | 2,183.3                               | 0.0                                 | 2,183.3                             |
| 2027 | Oct   | 1,955.0                               | 0.0                                 | 1,955.0                             |
| 2027 | Nov   | 1,674.4                               | 0.0                                 | 1,674.4                             |
| 2027 | Dec   | 1,812.1                               | 0.0                                 | 1,812.1                             |
| 2028 | Jan   | 1,663.7                               | 0.0                                 | 1,663.7                             |
| 2028 | Feb   | 1,385.1                               | 0.0                                 | 1,385.1                             |
| 2028 | Mar   | 1,351.8                               | 0.0                                 | 1,351.8                             |
| 2028 | Apr   | 1,274.1                               | 0.0                                 | 1,274.1                             |
| 2028 | May   | 1,326.1                               | 0.0                                 | 1,326.1                             |
| 2028 | Jun   | 1,591.6                               | 0.0                                 | 1,591.6                             |
| 2028 | Jul   | 1,841.1                               | 0.0                                 | 1,841.1                             |
| 2028 | Aug   | 2,045.1                               | 0.0                                 | 2,045.1                             |
| 2028 | Sep   | 1,913.6                               | 0.0                                 | 1,913.6                             |
| 2028 | Oct   | 1,797.0                               | 0.0                                 | 1,797.0                             |
| 2028 | Nov   | 1,584.0                               | 0.0                                 | 1,584.0                             |
| 2028 | Dec   | 1,719.3                               | 0.0                                 | 1,719.3                             |

## **SoCalGas Other Wholesale Gas Demand**

## Gas Demand Forecast for Wholesale Customers Other than SDG&E

Workpapers for SDG&E are provided in separate sections as indicated in the table of contents. The supporting material provided below are for the following additional wholesale customers of SoCalGas: the City of Long Beach, Southwest Gas (SWG), the City of Vernon (COV) and ECOGAS, a wholesale customer located in Mexicali, Mexico.

### THE CITY OF LONG BEACH

The forecast developed by the City of Long Beach’s gas demand for this CAP is provided below. The tables below show the monthly data from 2022 through 2028. The gas consumption shown for 2021 in the consolidated gas demand tables are recorded (billing month basis) deliveries to the City of Long Beach by SoCalGas.

**Table CLB-1a - City of Long Beach Gas Demand (2022-2028) Average Year HDD:**

| Temp    | Year | MDTH1 | MDTH2 | MDTH3 | MDTH4 | MDTH5 | MDTH6 |
|---------|------|-------|-------|-------|-------|-------|-------|
| Avg Hdd | 2022 | 913.4 | 963.5 | 758.3 | 744.9 | 726.5 | 611.0 |
| Avg Hdd | 2023 | 917.5 | 967.8 | 762.0 | 748.9 | 730.4 | 614.5 |
| Avg Hdd | 2024 | 921.5 | 972.1 | 765.8 | 752.9 | 734.4 | 618.1 |
| Avg Hdd | 2025 | 925.6 | 976.4 | 769.6 | 756.9 | 738.3 | 621.7 |
| Avg Hdd | 2026 | 929.7 | 980.7 | 773.5 | 760.9 | 742.4 | 625.3 |
| Avg Hdd | 2027 | 933.8 | 985.1 | 777.3 | 765.0 | 746.4 | 628.9 |
| Avg Hdd | 2028 | 938.0 | 989.4 | 781.2 | 769.1 | 750.5 | 632.6 |

**Table CLB-1b**

| Temp    | Year | MDTH7 | MDTH8 | MDTH9 | MDTH10 | MDTH11 | MDTH12  | TOTAL          |
|---------|------|-------|-------|-------|--------|--------|---------|----------------|
| Avg Hdd | 2022 | 602.7 | 549.9 | 571.6 | 614.8  | 808.6  | 1,149.5 | <b>9,014.7</b> |
| Avg Hdd | 2023 | 605.9 | 552.9 | 574.5 | 617.9  | 812.1  | 1,154.4 | <b>9,058.7</b> |
| Avg Hdd | 2024 | 609.1 | 555.8 | 577.4 | 621.0  | 815.7  | 1,159.5 | <b>9,103.1</b> |
| Avg Hdd | 2025 | 612.3 | 558.8 | 580.3 | 624.1  | 819.2  | 1,164.5 | <b>9,147.7</b> |
| Avg Hdd | 2026 | 615.5 | 561.8 | 583.3 | 627.2  | 822.7  | 1,169.6 | <b>9,192.7</b> |
| Avg Hdd | 2027 | 618.8 | 564.9 | 586.2 | 630.4  | 826.3  | 1,174.7 | <b>9,237.9</b> |
| Avg Hdd | 2028 | 622.1 | 567.9 | 589.2 | 633.6  | 829.9  | 1,179.8 | <b>9,283.4</b> |

**Table CLB-2a - City of Long Beach Gas Demand (2022-2028) Cold Year HDD:**

| Temp     | Year | MDTH1   | MDTH2   | MDTH3 | MDTH4 | MDTH5 | MDTH6 |
|----------|------|---------|---------|-------|-------|-------|-------|
| Cold Hdd | 2022 | 1,022.8 | 1,073.2 | 827.6 | 798.0 | 758.0 | 629.5 |
| Cold Hdd | 2023 | 1,027.5 | 1,080.9 | 832.3 | 801.8 | 761.8 | 632.3 |
| Cold Hdd | 2024 | 1,031.3 | 1,085.6 | 836.1 | 806.6 | 765.7 | 636.1 |
| Cold Hdd | 2025 | 1,036.1 | 1,090.4 | 839.9 | 810.4 | 770.4 | 640.9 |
| Cold Hdd | 2026 | 1,040.9 | 1,093.2 | 844.7 | 814.2 | 774.2 | 643.8 |
| Cold Hdd | 2027 | 1,044.7 | 1,099.9 | 848.5 | 819.9 | 778.0 | 647.6 |
| Cold Hdd | 2028 | 1,049.4 | 1,104.7 | 853.3 | 822.8 | 782.8 | 651.4 |

**Table CLB-2b**

| Temp     | Year | MDTH7 | MDTH8 | MDTH9 | MDTH10 | MDTH11 | MDTH12  | TOTAL          |
|----------|------|-------|-------|-------|--------|--------|---------|----------------|
| Cold Hdd | 2022 | 619.0 | 564.7 | 587.6 | 638.0  | 877.1  | 1,292.3 | <b>9,687.8</b> |
| Cold Hdd | 2023 | 622.8 | 567.6 | 589.5 | 641.9  | 880.9  | 1,297.0 | <b>9,736.3</b> |
| Cold Hdd | 2024 | 625.7 | 570.4 | 592.3 | 643.8  | 884.7  | 1,302.8 | <b>9,781.1</b> |
| Cold Hdd | 2025 | 628.5 | 574.2 | 596.1 | 647.6  | 888.5  | 1,308.5 | <b>9,831.6</b> |
| Cold Hdd | 2026 | 632.3 | 577.1 | 599.0 | 650.4  | 892.3  | 1,314.2 | <b>9,876.3</b> |
| Cold Hdd | 2027 | 635.2 | 580.0 | 602.8 | 654.2  | 896.1  | 1,320.8 | <b>9,927.8</b> |
| Cold Hdd | 2028 | 639.0 | 582.8 | 604.7 | 657.1  | 900.9  | 1,326.6 | <b>9,975.4</b> |

## SOUTHWEST GAS

The gas demand forecasts for Southwest Gas (SWG) were provided by SWG for 2022 through 2028; the gas consumption shown for 2021 in the consolidated gas demand tables are recorded deliveries (billing month basis and excluded exchange deliveries) to SWG by SoCalGas. The gas demand shown for SWG represents the gas deliveries that SoCalGas makes to SWG and does not include gas transacted under the exchange agreement between SoCalGas and SWG.

**Table SWG-1a - SCG Deliveries to SWG (2022-2028) Average Year HDD:**

| Temp    | Year | MDTH1   | MDTH2   | MDTH3 | MDTH4 | MDTH5 | MDTH6 |
|---------|------|---------|---------|-------|-------|-------|-------|
| Avg Hdd | 2022 | 1,160.7 | 948.6   | 749.9 | 524.9 | 424.1 | 301.0 |
| Avg Hdd | 2023 | 1,172.0 | 957.8   | 757.1 | 529.9 | 428.2 | 303.9 |
| Avg Hdd | 2024 | 1,183.6 | 979.0   | 764.5 | 535.0 | 432.4 | 306.8 |
| Avg Hdd | 2025 | 1,195.2 | 976.6   | 771.9 | 540.2 | 436.5 | 309.7 |
| Avg Hdd | 2026 | 1,206.8 | 986.0   | 779.3 | 545.3 | 440.7 | 312.7 |
| Avg Hdd | 2027 | 1,218.4 | 995.4   | 786.6 | 550.4 | 444.8 | 315.6 |
| Avg Hdd | 2028 | 1,230.0 | 1,017.2 | 794.0 | 555.5 | 449.0 | 318.5 |

**Table SWG-1b**

| Temp    | Year | MDTH7 | MDTH8 | MDTH9 | MDTH10 | MDTH11 | MDTH12  | TOTAL          |
|---------|------|-------|-------|-------|--------|--------|---------|----------------|
| Avg Hdd | 2022 | 257.9 | 280.2 | 285.7 | 425.5  | 710.3  | 1,149.4 | <b>7,218.2</b> |
| Avg Hdd | 2023 | 260.3 | 282.8 | 288.5 | 429.5  | 717.2  | 1,160.8 | <b>7,288.1</b> |
| Avg Hdd | 2024 | 262.8 | 285.5 | 291.2 | 433.7  | 724.2  | 1,172.2 | <b>7,370.9</b> |
| Avg Hdd | 2025 | 265.3 | 288.2 | 293.9 | 437.8  | 731.2  | 1,183.6 | <b>7,430.0</b> |
| Avg Hdd | 2026 | 267.7 | 290.9 | 296.7 | 441.9  | 738.1  | 1,195.0 | <b>7,501.0</b> |
| Avg Hdd | 2027 | 270.2 | 293.6 | 299.4 | 446.0  | 745.1  | 1,206.4 | <b>7,572.0</b> |
| Avg Hdd | 2028 | 272.7 | 296.2 | 302.2 | 450.1  | 752.0  | 1,217.8 | <b>7,655.3</b> |

**Table SWG-2a - SCG Deliveries to SWG (2022-2028) Cold Year HDD:**

| Temp     | Year | MDTH1   | MDTH2   | MDTH3 | MDTH4 | MDTH5 | MDTH6 |
|----------|------|---------|---------|-------|-------|-------|-------|
| Cold Hdd | 2022 | 1,270.0 | 1,012.1 | 852.7 | 583.8 | 442.3 | 307.5 |
| Cold Hdd | 2023 | 1,282.4 | 1,021.9 | 860.9 | 589.4 | 446.6 | 310.4 |
| Cold Hdd | 2024 | 1,295.1 | 1,044.6 | 869.3 | 595.1 | 450.9 | 313.4 |
| Cold Hdd | 2025 | 1,307.8 | 1,042.0 | 877.7 | 600.8 | 455.2 | 316.3 |
| Cold Hdd | 2026 | 1,320.5 | 1,052.0 | 886.1 | 606.5 | 459.6 | 319.3 |
| Cold Hdd | 2027 | 1,333.2 | 1,062.1 | 894.5 | 612.2 | 463.9 | 322.3 |
| Cold Hdd | 2028 | 1,345.9 | 1,085.3 | 902.9 | 617.9 | 468.3 | 325.3 |

**Table SWG-2b**

| Temp     | Year | MDTH7 | MDTH8 | MDTH9 | MDTH10 | MDTH11 | MDTH12  | TOTAL          |
|----------|------|-------|-------|-------|--------|--------|---------|----------------|
| Cold Hdd | 2022 | 257.9 | 280.2 | 294.6 | 449.0  | 796.8  | 1,229.4 | <b>7,776.2</b> |
| Cold Hdd | 2023 | 260.3 | 282.8 | 297.4 | 453.3  | 804.5  | 1,241.6 | <b>7,851.5</b> |
| Cold Hdd | 2024 | 262.8 | 285.5 | 300.2 | 457.6  | 812.3  | 1,253.8 | <b>7,940.6</b> |
| Cold Hdd | 2025 | 265.3 | 288.2 | 303.0 | 462.0  | 820.1  | 1,266.0 | <b>8,004.4</b> |
| Cold Hdd | 2026 | 267.7 | 290.9 | 305.9 | 466.3  | 827.9  | 1,278.2 | <b>8,080.9</b> |
| Cold Hdd | 2027 | 270.2 | 293.6 | 308.7 | 470.6  | 835.7  | 1,290.4 | <b>8,157.5</b> |
| Cold Hdd | 2028 | 272.7 | 296.2 | 311.5 | 475.0  | 843.5  | 1,302.6 | <b>8,247.0</b> |

## THE CITY OF VERNON

The two tables below show the monthly forecast for the city of Vernon’s gas demand.

**Table COV-a - City of Vernon Demand (2022-2028):**

| Year | MDTH1 | MDTH2 | MDTH3 | MDTH4 | MDTH5 | MDTH6 |
|------|-------|-------|-------|-------|-------|-------|
| 2022 | 804.0 | 666.5 | 714.9 | 769.1 | 770.2 | 804.7 |
| 2023 | 788.7 | 686.3 | 671.9 | 729.7 | 747.7 | 794.8 |
| 2024 | 790.6 | 721.9 | 730.6 | 691.3 | 739.2 | 782.2 |
| 2025 | 827.0 | 704.8 | 721.3 | 729.5 | 735.3 | 810.7 |
| 2026 | 874.3 | 703.8 | 730.2 | 738.2 | 761.6 | 826.8 |
| 2027 | 806.2 | 729.3 | 739.7 | 761.5 | 765.9 | 842.0 |
| 2028 | 840.1 | 739.4 | 754.0 | 745.5 | 755.6 | 795.3 |

**Table COV-b**

| Year | MDTH7 | MDTH8 | MDTH9 | MDTH10 | MDTH11 | MDTH12 | TOTAL          |
|------|-------|-------|-------|--------|--------|--------|----------------|
| 2022 | 857.8 | 872.6 | 816.5 | 856.5  | 750.6  | 810.1  | <b>9,493.4</b> |
| 2023 | 847.5 | 878.0 | 802.9 | 871.0  | 818.8  | 792.1  | <b>9,429.3</b> |
| 2024 | 912.2 | 859.7 | 821.1 | 903.6  | 775.0  | 826.3  | <b>9,553.7</b> |
| 2025 | 877.3 | 876.1 | 867.7 | 870.1  | 792.7  | 817.8  | <b>9,630.3</b> |
| 2026 | 912.4 | 854.6 | 855.0 | 874.3  | 806.7  | 805.2  | <b>9,743.1</b> |
| 2027 | 893.5 | 900.5 | 858.7 | 870.0  | 853.0  | 868.6  | <b>9,888.9</b> |
| 2028 | 895.9 | 857.7 | 845.2 | 919.5  | 831.0  | 827.8  | <b>9,807.1</b> |



## ECOGAS

The monthly data for year 2021 shown in the consolidated gas demand tables are from SoCalGas' recorded data; the monthly forecasts for years 2022 through 2028 were provided from this wholesale customer's staff. These values are the same as those shown in the SoCalGas Consolidated Gas Demand Forecast workpapers.

**Table ECOGAS-a Demand (2022-2028):**

| Year | MDTH1   | MDTH2 | MDTH3   | MDTH4   | MDTH5   | MDTH6   |
|------|---------|-------|---------|---------|---------|---------|
| 2022 | 973.0   | 865.2 | 1,079.9 | 1,057.7 | 1,087.2 | 1,296.7 |
| 2023 | 1,044.4 | 937.0 | 1,151.7 | 1,061.1 | 1,090.6 | 1,300.1 |
| 2024 | 1,048.0 | 940.7 | 1,155.5 | 1,065.0 | 1,094.5 | 1,304.1 |
| 2025 | 1,052.2 | 944.9 | 1,159.7 | 1,069.2 | 1,098.8 | 1,308.4 |
| 2026 | 1,056.7 | 949.5 | 1,164.4 | 1,073.9 | 1,103.5 | 1,313.1 |
| 2027 | 1,060.8 | 953.7 | 1,168.6 | 1,078.2 | 1,107.9 | 1,317.5 |
| 2028 | 1,065.0 | 957.9 | 1,172.9 | 1,082.5 | 1,112.2 | 1,321.8 |

**Table ECOGAS-b**

| Year | MDTH7   | MDTH8   | MDTH9   | MDTH10  | MDTH11  | MDTH12  | TOTAL           |
|------|---------|---------|---------|---------|---------|---------|-----------------|
| 2022 | 1,327.2 | 1,341.4 | 1,278.6 | 1,099.5 | 1,072.7 | 1,096.5 | <b>13,575.7</b> |
| 2023 | 1,330.6 | 1,344.9 | 1,282.0 | 1,102.9 | 1,076.1 | 1,100.0 | <b>13,821.6</b> |
| 2024 | 1,334.6 | 1,348.9 | 1,286.1 | 1,107.0 | 1,080.3 | 1,104.2 | <b>13,868.8</b> |
| 2025 | 1,338.9 | 1,353.2 | 1,290.4 | 1,111.4 | 1,084.6 | 1,108.6 | <b>13,920.4</b> |
| 2026 | 1,343.7 | 1,358.0 | 1,295.2 | 1,116.2 | 1,089.5 | 1,113.6 | <b>13,977.3</b> |
| 2027 | 1,348.0 | 1,362.4 | 1,299.6 | 1,120.7 | 1,094.0 | 1,118.2 | <b>14,029.6</b> |
| 2028 | 1,352.4 | 1,366.8 | 1,304.1 | 1,125.1 | 1,098.5 | 1,122.8 | <b>14,082.1</b> |

**SoCalGas Company Use Fuel,  
UAF and “Dth/Mcf” Conversion**

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- I. SoCalGas Conversion Between Energy and Volumetric Units
- II. SoCalGas Company-Use-Fuel (Co-Use-Fuel) as Percent of Receipts
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- IV. SoCalGas Calculations of Company Use Fuel and Un-Accounted-For Load

## **I. SoCalGas Conversion Between Energy and Volumetric Units**

The estimated conversion of Dth to Mcf was calculated from SoCalGas' system-wide gas consumption for year 2021. The value we've used is 1.0322.

This conversion factor is used to develop a volumetric (e.g., Mcf unit) load estimate from the gas demand forecasts which are developed on an energy (e.g., Dth unit) basis.

## II. SoCalGas Company-Use-Fuel (Co-Use-Fuel) as Percent of Receipts

For SoCalGas, data on gas consumed for Company uses are tracked via the SoCalGas' gas accounting system. Three categories of use are identified: Transmission, Storage and "Other". Further, to facilitate the calculations of gas consumed for Company uses, a simple percentage is calculated using the total gas available for disposition as the denominator. These percentages are calculated over the time frame of April 2019 through March 2022. Table 1 below shows the monthly data and the summary calculations.

**Table 1**

SoCalGas Company Use Fuel Data as Percentage of Receipts

| Month                                    | Transmission<br>( Dth) | Storage<br>( Dth) | "Other"<br>( Dth) | Total<br>( Dth)  | Receipts<br>Net Avail.-for<br>Disposition<br>( Dth) |
|--|------------------------|-------------------|-------------------|------------------|---|
| Apr-19                                   | 79,184                 | 41,514            | 24,046            | 144,744          | 65,390,992  |
| May-19                                   | 93,234                 | 118,592           | 23,920            | 235,747          | 66,468,400  |
| Jun-19                                   | 84,102                 | 123,463           | 26,962            | 234,527          | 60,568,601  |
| Jul-19                                   | 104,006                | 93,736            | 25,078            | 222,820          | 66,211,604  |
| Aug-19                                   | 129,226                | 85,474            | 20,490            | 235,190          | 73,041,906  |
| Sep-19                                   | 131,481                | 106,399           | 21,705            | 259,584          | 67,805,793  |
| Oct-19                                   | 134,140                | 91,312            | 19,151            | 244,602          | 69,261,592  |
| Nov-19                                   | 107,600                | 40,752            | 27,001            | 175,353          | 80,354,491  |
| Dec-19                                   | 159,579                | 40,202            | 18,443            | 218,224          | 97,661,275  |
| Jan-20                                   | 131,602                | 34,468            | 21,555            | 187,625          | 95,721,417  |
| Feb-20                                   | 116,458                | 64,516            | 22,142            | 203,116          | 80,987,482  |
| Mar-20                                   | 94,422                 | 50,109            | 18,024            | 162,555          | 85,589,247  |
| Apr-20                                   | 84,306                 | 66,520            | 19,661            | 170,487          | 67,546,814  |
| May-20                                   | 96,806                 | 73,928            | 27,523            | 198,257          | 58,872,847  |
| Jun-20                                   | 115,129                | 101,789           | 25,982            | 242,900          | 60,438,885  |
| Jul-20                                   | 112,198                | 68,450            | 20,472            | 201,120          | 69,356,992  |
| Aug-20                                   | 150,943                | 65,658            | 21,335            | 237,936          | 77,381,192  |
| Sep-20                                   | 115,220                | 78,645            | 28,634            | 222,499          | 72,043,277  |
| Oct-20                                   | 120,813                | 61,207            | 25,645            | 207,665          | 74,742,738  |
| Nov-20                                   | 113,283                | 41,672            | 26,732            | 181,686          | 80,127,713  |
| Dec-20                                   | 139,364                | 39,096            | 22,317            | 200,778          | 92,908,234  |
| Jan-21                                   | 146,098                | 38,555            | 23,153            | 207,806          | 92,101,106  |
| Feb-21                                   | 77,553                 | 25,721            | 23,901            | 127,175          | 72,214,251  |
| Mar-21                                   | 131,824                | 44,865            | 24,162            | 200,851          | 87,085,590  |
| Apr-21                                   | 107,384                | 70,065            | 25,959            | 203,409          | 69,800,043  |
| May-21                                   | 136,419                | 95,386            | 23,050            | 254,856          | 66,779,838  |
| Jun-21                                   | 173,968                | 95,805            | 22,143            | 291,916          | 68,362,660  |
| Jul-21                                   | 165,236                | 69,571            | 24,164            | 258,971          | 76,767,304  |
| Aug-21                                   | 138,828                | 65,966            | 25,130            | 229,924          | 73,667,337  |
| Sep-21                                   | 153,768                | 55,311            | 25,878            | 234,957          | 67,783,363  |
| Oct-21                                   | 44,553                 | 31,137            | 25,772            | 101,462          | 72,857,374  |
| Nov-21                                   | 156,007                | 51,905            | 24,698            | 232,611          | 73,645,417  |
| Dec-21                                   | 197,539                | 22,983            | 23,209            | 243,731          | 100,232,953   |
| Jan-22                                   | 170,017                | 41,856            | 24,590            | 236,463          | 92,634,461  |
| Feb-22                                   | 73,885                 | 43,516            | 25,865            | 143,266          | 79,127,817  |
| Mar-22                                   | 90,307                 | 56,402            | 24,514            | 171,223          | 76,822,888  |
| <b>36-Month (Apr-19 - Mar-22) Total:</b> | <b>4,376,484</b>       | <b>2,296,546</b>  | <b>853,006</b>    | <b>7,526,036</b> | <b>2,732,363,897</b>                                |
| As %-of-Receipts:                        | 0.160%                 | 0.084%            | 0.031%            | <b>0.275%</b>    |   |

### III. SoCalGas Un-Accounted-For (UAF) as a Percent of Receipts

The data in Table 2 below provide monthly data to calculate UAF. UAF is calculated from this data as:  $UAF = \text{Recorded Receipts} - \text{Recorded Deliveries}$ . The percentage we use is based on the 36-month sums of the respective component terms of the formula above.

**Table 2**

**SoCalGas Company Monthly Un-Accounted-For (UAF)**

| Month        | Recorded Receipts<br>( Dth ) | Recorded Deliveries<br>( Dth ) | Un-Accounted-For<br>(UAF) = Receipts - Deliveries<br>( Dth ) | UAF as % of Receipts<br>( % ) |
|--------------|------------------------------|--------------------------------|--|-------------------------------|
| Apr-19       | 65,390,992                   | 65,070,265                     | 320,728  | 0.49%                         |
| May-19       | 66,468,400                   | 66,891,017                     | -422,617   | -0.64%                        |
| Jun-19       | 60,568,601                   | 59,746,120                     | 822,481  | 1.36%                         |
| Jul-19       | 66,211,604                   | 66,347,048                     | -135,443   | -0.20%                        |
| Aug-19       | 73,041,906                   | 73,194,313                     | -152,406   | -0.21%                        |
| Sep-19       | 67,805,793                   | 68,170,696                     | -364,904   | -0.54%                        |
| Oct-19       | 69,261,592                   | 69,600,296                     | -338,704   | -0.49%                        |
| Nov-19       | 80,354,491                   | 80,054,268                     | 300,223  | 0.37%                         |
| Dec-19       | 97,661,275                   | 95,302,242                     | 2,359,033  | 2.42%                         |
| Jan-20       | 95,721,417                   | 94,127,780                     | 1,593,637  | 1.66%                         |
| Feb-20       | 80,987,482                   | 79,596,132                     | 1,391,350  | 1.72%                         |
| Mar-20       | 85,589,247                   | 85,746,561                     | -157,314   | -0.18%                        |
| Apr-20       | 67,546,814                   | 67,648,265                     | -101,451   | -0.15%                        |
| May-20       | 58,872,847                   | 58,701,700                     | 171,148  | 0.29%                         |
| Jun-20       | 60,438,885                   | 59,908,403                     | 530,482  | 0.88%                         |
| Jul-20       | 69,356,992                   | 69,621,091                     | -264,099   | -0.38%                        |
| Aug-20       | 77,381,192                   | 77,361,839                     | 19,353   | 0.03%                         |
| Sep-20       | 72,043,277                   | 71,049,512                     | 993,765  | 1.38%                         |
| Oct-20       | 74,742,738                   | 74,408,070                     | 334,669  | 0.45%                         |
| Nov-20       | 80,127,713                   | 79,679,523                     | 448,190  | 0.56%                         |
| Dec-20       | 92,908,234                   | 90,560,804                     | 2,347,429  | 2.53%                         |
| Jan-21       | 92,101,106                   | 90,695,611                     | 1,405,495  | 1.53%                         |
| Feb-21       | 72,214,251                   | 70,641,294                     | 1,572,958  | 2.18%                         |
| Mar-21       | 87,085,590                   | 86,260,893                     | 824,697  | 0.95%                         |
| Apr-21       | 69,800,043                   | 69,209,180                     | 590,863  | 0.85%                         |
| May-21       | 66,779,838                   | 66,207,467                     | 572,372  | 0.86%                         |
| Jun-21       | 68,362,660                   | 68,561,208                     | -198,547   | -0.29%                        |
| Jul-21       | 76,767,304                   | 77,309,368                     | -542,064   | -0.71%                        |
| Aug-21       | 73,667,337                   | 73,471,409                     | 195,927  | 0.27%                         |
| Sep-21       | 67,783,363                   | 67,715,056                     | 68,307   | 0.10%                         |
| Oct-21       | 72,857,374                   | 71,900,967                     | 956,407  | 1.31%                         |
| Nov-21       | 73,645,417                   | 72,296,984                     | 1,348,433  | 1.83%                         |
| Dec-21       | 100,232,953                  | 99,462,614                     | 770,340  | 0.77%                         |
| Jan-22       | 92,634,461                   | 89,811,057                     | 2,823,404  | 3.05%                         |
| Feb-22       | 79,127,817                   | 78,860,998                     | 266,819  | 0.34%                         |
| Mar-22       | 76,822,888                   | 75,672,277                     | 1,150,611  | 1.50%                         |
| <b>Total</b> | <b>2,732,363,897</b>         | <b>2,710,862,327</b>           | <b>21,501,570</b>  | <b>0.787%</b>                 |

#### IV. SoCalGas Calculations of Company Use and Un-Accounted-For Load

SoCalGas prepares forecasts of gas demand—gas received through customers’ meters. Consequently, to calculate the projected quantities of Co-Use-Fuel and UAF, the basis (denominator) for the percentages developed above needs to be changed so they represent gas load as a *percentage of gas demand*—not gas receipts (or gas available for disposition).

The equation below states an identity:

$$(1) \quad Q_{\text{out}} = Q_{\text{in}} - (\text{Co-Use-Fuel}) - (\text{UAF}), \text{ where}$$

$Q_{\text{out}}$  = Gas Demand through customers’ meters,

$Q_{\text{in}}$  = Gas Available for Disposition (“receipts”),

Co-Use-Fuel =  $F \times Q_{\text{in}}$ ,

UAF =  $U \times Q_{\text{in}}$ ,

$F$  = Co-Use-Fuel as a proportion (or %) of  $Q_{\text{in}}$ , and

$U$  = UAF as a proportion (or %) of  $Q_{\text{in}}$ .

By substituting the relationships for Co-Use-Fuel and UAF into equation (1), the following result yields a relationship between  $Q_{\text{out}}$  and  $Q_{\text{in}}$ :

$$(2) \quad Q_{\text{out}} = Q_{\text{in}} (1 - F - U), \text{ and}$$

$$(3) \quad Q_{\text{in}} = Q_{\text{out}} [1 / (1 - F - U)].$$

These equations will be used to change the basis (denominator) of the percentages of Co-Use-Fuel and UAF from a “receipts basis” to a “demand basis.”

The total amount of gas load for Co-Use-Fuel or UAF is numerically the same regardless of the basis for the respective percentages:

$$(4) \quad \text{Co-Use-Fuel} = F \times Q_{in} = f \times Q_{out}, \text{ and substituting for } Q_{in} \text{ from (3) yields,}$$

$$(5) \quad F \times Q_{out} [1 / (1 - F - U)] = f \times Q_{out},$$

$$(5') \quad [F / (1 - F - U)] \times Q_{out} = f \times Q_{out}.$$

Consequently, the percentage of gas demand to use to calculate Co-Use-Fuel is:

$$(6) \quad f = [F / (1 - F - U)]; \text{ similarly,}$$

the percentage of gas demand to use to calculate UAF is:

$$(7) \quad u = [U / (1 - F - U)].$$

Since Co-Use-Fuel is separated into several components (denoted with subscript "c" in the formulas below), the component loads also can be calculated from gas demand using the following formula:

$$(8) \quad f_c = [F_c / (1 - F - U)]; \text{ where } F = \sum_{i=1, \dots, N} (F_i), \text{ or}$$

$$(9) \quad f_c = (F_c / F) \times f.$$

**Example:** From the Co-Use-Fuel percentage in Table 1 and the UAF percentage of Table 2, we calculate:

$$f = 0.278\% = [0.275\% / (100\% - 0.275\% - 0.787\%)],$$

$$u = 0.795\% = [0.787\% / (100\% - 0.275\% - 0.787\%)], \text{ and}$$

Therefore, the Co-Use-Fuel percentage of gas demand (denominator) is 0.278%; and UAF percentage of gas demand (denominator) is 0.795%.



**SDG&E Company Use Fuel,  
UAF and “Dth/Mcf” Conversion**

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- IV. SDG&E Calculations of Company Use Fuel and Un-Accounted-For Load

## **I. SDG&E Conversion Between Energy and Volumetric Units**

The estimated conversion of Dth to Mcf was calculated from SDG&E's system-wide gas consumption for year 2021. The value is 1.0298 Dth/Mcf.

This conversion factor is used to develop a volumetric (e.g., Mcf unit) load estimate from the gas demand forecasts which are developed on an energy (e.g., Dth unit) basis.

## II. SDG&E Company-Use-Fuel (Co-Use-Fuel) as Percent of Receipts

For SDG&E, data on gas consumed for Company uses are tracked via the SDG&E gas accounting system. Three categories of use are identified: Transmission, Storage and "Other". Further, to facilitate the calculations of gas consumed for Company uses, a simple percentage is calculated using the total gas available for disposition as the denominator. These percentages were calculated over the time frame of April 2019 through March 2022. Table 1 below shows the monthly data and the summary calculations.

**Table 1**

SDG&E Company Use Fuel Data as Percentage of "Receipts"

| Month                                    | Transmission<br>(Dth) | Storage<br>(Dth) | "Other"<br>(Dth) | Total<br>(Dth)   | Receipts<br>PGA: Net Avail.-<br>for Disposition<br>(Dth) |
|--|-----------------------|------------------|------------------|------------------|--|
| Apr-19                                   | 6,345                 | 0                | 5,158            | 11,502           | 6,352,940  |
| May-19                                   | 8,772                 | 0                | 5,322            | 14,094           | 6,104,559  |
| Jun-19                                   | 4,666                 | 0                | 5,837            | 10,504           | 5,738,661  |
| Jul-19                                   | 6,260                 | 0                | 4,784            | 11,044           | 5,544,210  |
| Aug-19                                   | 12,312                | 0                | 4,998            | 17,310           | 7,031,821  |
| Sep-19                                   | 9,162                 | 0                | 4,946            | 14,109           | 6,270,459  |
| Oct-19                                   | 9,917                 | 0                | 5,143            | 15,060           | 6,919,305  |
| Nov-19                                   | 35,704                | 0                | 5,362            | 41,066           | 8,141,931  |
| Dec-19                                   | 33,746                | 0                | 6,003            | 39,749           | 8,833,814  |
| Jan-20                                   | 30,796                | 0                | 6,880            | 37,676           | 8,702,959  |
| Feb-20                                   | 42,873                | 0                | 6,350            | 49,223           | 8,882,870  |
| Mar-20                                   | 42,231                | 0                | 5,609            | 47,840           | 10,027,297   |
| Apr-20                                   | 19,826                | 0                | 5,851            | 25,677           | 7,252,146  |
| May-20                                   | 18,520                | 0                | 3,735            | 22,255           | 6,357,878  |
| Jun-20                                   | 17,002                | 0                | 5,922            | 22,924           | 6,615,059  |
| Jul-20                                   | 23,744                | 0                | 5,417            | 29,161           | 7,843,425  |
| Aug-20                                   | 20,872                | 0                | 6,059            | 26,931           | 8,196,267  |
| Sep-20                                   | 25,511                | 0                | 4,967            | 30,478           | 8,220,492  |
| Oct-20                                   | 30,478                | 0                | 4,485            | 34,962           | 8,318,188  |
| Nov-20                                   | 39,325                | 0                | 4,020            | 43,345           | 9,523,187  |
| Dec-20                                   | 48,017                | 0                | 5,073            | 53,091           | 10,710,917   |
| Jan-21                                   | 46,976                | 0                | 5,619            | 52,595           | 9,988,415  |
| Feb-21                                   | 26,100                | 0                | 6,634            | 32,734           | 7,540,819  |
| Mar-21                                   | 33,850                | 0                | 5,541            | 39,390           | 9,138,854  |
| Apr-21                                   | 2,449                 | 0                | 6,120            | 8,569            | 6,996,368  |
| May-21                                   | 2,458                 | 0                | 5,907            | 8,364            | 7,535,691  |
| Jun-21                                   | 21,236                | 0                | 6,055            | 27,291           | 7,380,343  |
| Jul-21                                   | 20,414                | 0                | 5,781            | 26,195           | 8,485,147  |
| Aug-21                                   | 6,952                 | 0                | 5,899            | 12,851           | 7,262,875  |
| Sep-21                                   | 3,284                 | 0                | 6,028            | 9,312            | 6,967,082  |
| Oct-21                                   | 2,656                 | 0                | 6,499            | 9,155            | 8,547,130  |
| Nov-21                                   | 1,919                 | 0                | 6,680            | 8,599            | 8,841,932  |
| Dec-21                                   | 115,257               | 0                | 7,962            | 123,219          | 11,123,855   |
| Jan-22                                   | 54,015                | 0                | 7,362            | 61,376           | 9,742,724  |
| Feb-22                                   | 50,591                | 0                | 6,957            | 57,548           | 9,522,151  |
| Mar-22                                   | 42,540                | 0                | 9,198            | 51,738           | 9,513,677  |
| <b>36-Month (Apr-19 - Mar-22) Total:</b> | 916,776               | 0                | 210,161          | <b>1,126,937</b> | <b>290,175,445</b>                                       |
| As %-of-Receipts:                        | 0.316%                | 0.000%           | 0.072%           | <b>0.388%</b>    |  |

### **III. SDG&E Un-Accounted-For (UAF) as a Percent of Receipts**

The data in Table 2 below provide monthly data to calculate UAF. UAF is calculated from this data as:

Adjusted-UAF = Recorded Receipts – Recorded Deliveries

+ Billing Adjustments-to-UAF.

The UAF percentages in Table 2 are calculated as Adjusted-UAF relative to Recorded Receipts. The percentage we use is based on the sums of the respective component terms of the formula above for all months of the data.

**Table 2****SDG&E Monthly Un-Accounted-For (UAF)**

| Month         | Recorded Receipts  | Recorded Deliveries | Billing Adjustments to UAF | Adjusted UAF<br>= (Receipts less Deliveries)<br>plus Bill Adj | UAF % of Receipts |
|---------------|--------------------|---------------------|----------------------------|---|-------------------|
|               | (Dth)              | (Dth)               | (Dth)                      | (Dth)   | (%)               |
| Apr-19        | 6,352,940          | 7,281,423           | 900,456                    | -28,027   | -0.44%            |
| May-19        | 6,104,559          | 6,071,322           | -200,232                   | -166,995  | -2.74%            |
| Jun-19        | 5,738,661          | 6,210,527           | 628,683                    | 156,817   | 2.73%             |
| Jul-19        | 5,544,210          | 5,586,768           | 182,324                    | 139,767   | 2.52%             |
| Aug-19        | 7,031,821          | 6,299,589           | -621,360                   | 110,871   | 1.58%             |
| Sep-19        | 6,270,459          | 5,837,344           | -260,401                   | 172,714   | 2.75%             |
| Oct-19        | 6,919,305          | 5,876,557           | -905,801                   | 136,947   | 1.98%             |
| Nov-19        | 8,141,931          | 6,290,350           | -1,554,247                 | 297,334   | 3.65%             |
| Dec-19        | 8,833,814          | 8,492,759           | 79,927                     | 420,982   | 4.77%             |
| Jan-20        | 8,702,959          | 10,160,053          | 1,897,398                  | 440,305   | 5.06%             |
| Feb-20        | 8,882,870          | 9,270,561           | 714,605                    | 326,914   | 3.68%             |
| Mar-20        | 10,027,297         | 6,417,071           | -3,306,571                 | 303,655   | 3.03%             |
| Apr-20        | 7,252,146          | 10,732,296          | 3,732,008                  | 251,858   | 3.47%             |
| May-20        | 6,357,878          | 6,734,504           | 509,027                    | 132,401   | 2.08%             |
| Jun-20        | 6,615,059          | 6,698,430           | 192,732                    | 109,361   | 1.65%             |
| Jul-20        | 7,843,425          | 6,905,321           | -898,373                   | 39,731  | 0.51%             |
| Aug-20        | 8,196,267          | 8,097,433           | -45,767                    | 53,067  | 0.65%             |
| Sep-20        | 8,220,492          | 8,312,195           | 249,432                    | 157,729   | 1.92%             |
| Oct-20        | 8,318,188          | 7,540,108           | -721,190                   | 56,890  | 0.68%             |
| Nov-20        | 9,523,187          | 9,820,749           | 569,099                    | 271,536   | 2.85%             |
| Dec-20        | 10,710,917         | 10,352,932          | 124,769                    | 482,754   | 4.51%             |
| Jan-21        | 9,988,415          | 9,942,112           | 462,311                    | 508,614   | 5.09%             |
| Feb-21        | 7,540,819          | 8,367,578           | 1,150,503                  | 323,745   | 4.29%             |
| Mar-21        | 9,138,854          | 8,101,465           | -675,278                   | 362,111   | 3.96%             |
| Apr-21        | 6,996,368          | 7,004,213           | -326,875                   | -334,720  | -4.78%            |
| May-21        | 7,535,691          | 7,318,204           | 341,542                    | 559,029   | 7.42%             |
| Jun-21        | 7,380,343          | 8,145,077           | 846,884                    | 82,150  | 1.11%             |
| Jul-21        | 8,485,147          | 7,503,050           | -1,029,725                 | -47,628   | -0.56%            |
| Aug-21        | 7,262,875          | 6,924,806           | -406,757                   | -68,688   | -0.95%            |
| Sep-21        | 6,967,082          | 7,763,558           | 874,639                    | 78,163  | 1.12%             |
| Oct-21        | 8,547,130          | 7,812,673           | -558,939                   | 175,518   | 2.05%             |
| Nov-21        | 8,841,932          | 8,609,829           | 50,588                     | 282,692   | 3.20%             |
| Dec-21        | 11,123,855         | 9,870,412           | -1,046,655                 | 206,789   | 1.86%             |
| Jan-22        | 9,742,724          | 10,104,547          | 994,614                    | 632,791   | 6.50%             |
| Feb-22        | 9,522,151          | 8,615,565           | -755,618                   | 150,968   | 1.59%             |
| Mar-22        | 9,513,677          | 10,780,563          | 940,437                    | -326,448  | -3.43%            |
| <b>Totals</b> | <b>290,175,445</b> | <b>285,851,943</b>  | <b>2,128,192</b>           | <b>6,451,694</b>  | <b>2.223%</b>     |

#### IV. SDG&E Calculations of Company Use and Un-Accounted-For Load

SDG&E prepares forecasts of gas demand—gas received through customers’ meters. Consequently, to calculate the projected quantities of Co-Use-Fuel and UAF, the basis (denominator) for the percentages developed above needs to be changed so they represent gas load as a *percentage of gas demand*—not gas receipts (or gas available for disposition).

The equation below states an identity:

$$(1) \quad Q_{\text{out}} = Q_{\text{in}} - (\text{Co-Use-Fuel}) - (\text{UAF}), \text{ where}$$

$Q_{\text{out}}$  = Gas Demand through customers’ meters,

$Q_{\text{in}}$  = Gas Available for Disposition (“receipts”),

Co-Use-Fuel =  $F \times Q_{\text{in}}$ ,

UAF =  $U \times Q_{\text{in}}$ ,

$F$  = Co-Use-Fuel as a proportion (or %) of  $Q_{\text{in}}$ , and

$U$  = UAF as a proportion (or %) of  $Q_{\text{in}}$ .

By substituting the relationships for Co-Use-Fuel and UAF into equation (1), the following result yields a relationship between  $Q_{\text{out}}$  and  $Q_{\text{in}}$ :

$$(2) \quad Q_{\text{out}} = Q_{\text{in}} (1 - F - U), \text{ and}$$

$$(3) \quad Q_{\text{in}} = Q_{\text{out}} [1 / (1 - F - U)].$$

These equations will be used to change the basis (denominator) of the percentages of Co-Use-Fuel and UAF from a “receipts basis” to a “demand basis.”

The total amount of gas load for Co-Use-Fuel or UAF is numerically the same regardless of the basis for the respective percentages:

$$(4) \quad \text{Co-Use-Fuel} = F \times Q_{in} = f \times Q_{out}, \text{ and substituting for } Q_{in} \text{ from (3) yields,}$$

$$(5) \quad F \times Q_{out} [1 / (1 - F - U)] = f \times Q_{out},$$

$$(5') \quad [F / (1 - F - U)] \times Q_{out} = f \times Q_{out}.$$

Consequently, the percentage of gas demand to use to calculate Co-Use-Fuel is:

$$(6) \quad f = [F / (1 - F - U)]; \text{ similarly,}$$

the percentage of gas demand to use to calculate Co-Use-Fuel is:

$$(7) \quad u = [U / (1 - F - U)].$$

Since Co-Use-Fuel is separated into several components (denoted with subscript “c” in the formulas below), the component loads also can be calculated from gas demand using the following formula:

$$(8) \quad f_c = [F_c / (1 - F - U)]; \text{ where } F = \sum_{i=1, \dots, N} (F_i), \text{ or}$$

$$(9) \quad f_c = (F_c / F) \times f.$$

**Example:** From the Co-Use-Fuel percentages in Table 1 and the UAF percentage, 1.178%, of Table 2, we calculate:

$$f = 0.399\% = [0.388\% / (100\% - 0.388\% - 2.223\%)],$$

$$u = 2.283\% = [2.223\% / (100\% - 0.388\% - 2.223\%)], \text{ and}$$

Therefore, the Co-Use-Fuel percentage of gas demand (denominator) is 0.399%; and UAF percentage of gas demand (denominator) is 2.283%.



## **Core Storage Asset Allocation**

## **Gas Demand Forecast Measures Used to Allocate Storage Inventory and Withdrawal Capacity Among Core Rate Classes**

In general, the allocation of core storage inventory and core withdrawal capacity among each respective Company's core rate classes is performed based on core gas demand forecast results for the 4-year CAP period 2024-2027.

To allocate core storage inventory and core injection, a gas demand measure we call "Excess Winter Gas Demand" is calculated for each Company's core rate class.

$$\begin{aligned} (\text{Excess Winter Gas Demand})_t & \\ &= (\text{Cold-Year Gas Demand})_t \\ &\quad - (\text{CAP Period Cold-Year Gas Demand per Month}), \end{aligned}$$

where the subscript "t" is a month specified as *month-year* combination (e.g., Dec-2025) from Jan-2024 through Dec-2027. For example, using the December 2025 specific month and the residential core market segment for each Company the following specific results are obtained:

### **SoCalGas' Residential Core:**

$$\begin{aligned} (\text{Residential Excess Winter Gas Demand})_{\text{Dec-2025}} & \\ &= (\text{Cold-Year Gas Demand})_{\text{Dec-2025}} \\ &\quad - (\text{CAP Period Cold-Year Gas Demand per Month}) \\ &= (360,674 \text{ MTherms}) - (2,362,310 \text{ MTherms} / 12) \\ &= (360,674 \text{ MTherms}) - (196,859 \text{ MTherms}) \\ &= (163,815 \text{ MTherms})_{\text{Dec-2025}} \end{aligned}$$

### **SDG&E's Residential Core:**

$$\begin{aligned} (\text{Residential Excess Winter Gas Demand})_{\text{Dec-2025}} & \\ &= (\text{Cold-Year Gas Demand})_{\text{Dec-2025}} \\ &\quad - (\text{CAP Period Cold-Year Gas Demand per Month}) \\ &= (44,126 \text{ MTherms}) - (298,718 \text{ MTherms} / 12) \\ &= (44,126 \text{ MTherms}) - (24,893 \text{ MTherms}) \\ &= (19,233 \text{ MTherms})_{\text{Dec-2025}} \end{aligned}$$

The data in Table 1 and Table 2, below show the Excess Winter Gas Demand calculation results for SoCalGas and for SDG&E, respectively, by each Company's core market segments. The monthly gas demand forecasts for Cold-Year HDD design conditions are provided in the Consolidated Gas Demand material of these work papers.

**Table 1: SoCalGas Excess Winter Gas Demand**

|  | Residential | Nonresidential Core |      |       |       | Total Core |
|--|-------------|---------------------|------|-------|-------|------------|
|  |             | G-10                | G-AC | G-GE  | G-NGV |            |
| <b>Excess Winter Demand--EWD (Mth)</b> |             |                     |      |       |       |            |
| 2024 Jan                               | 151,106     | 27,751              | 0    | 0     | 0     | 178,857    |
| Feb                                    | 105,672     | 21,363              | 0    | 0     | 0     | 127,035    |
| Mar                                    | 63,994      | 13,025              | 0    | 0     | 0     | 77,019     |
| Apr                                    | 14,270      | 4,735               | 0    | 0     | 0     | 19,005     |
| May                                    | 0           | 0                   | 0    | 79    | 0     | 79         |
| Jun                                    | 0           | 0                   | 0    | 652   | 0     | 652        |
| Jul                                    | 0           | 0                   | 3    | 1,035 | 16    | 1,054      |
| Aug                                    | 0           | 0                   | 6    | 1,096 | 782   | 1,884      |
| Sep                                    | 0           | 0                   | 4    | 801   | 595   | 1,400      |
| Oct                                    | 0           | 0                   | 3    | 163   | 697   | 864        |
| Nov                                    | 27,671      | 7,437               | 1    | 0     | 240   | 35,350     |
| Dec                                    | 170,603     | 30,258              | 0    | 0     | 398   | 201,260    |
| 2025 Jan                               | 144,730     | 25,166              | 0    | 0     | 0     | 169,895    |
| Feb                                    | 100,141     | 18,950              | 0    | 0     | 0     | 119,091    |
| Mar                                    | 59,313      | 10,846              | 0    | 0     | 0     | 70,159     |
| Apr                                    | 10,609      | 2,790               | 0    | 0     | 0     | 13,400     |
| May                                    | 0           | 0                   | 0    | 79    | 0     | 79         |
| Jun                                    | 0           | 0                   | 0    | 652   | 0     | 652        |
| Jul                                    | 0           | 0                   | 3    | 1,035 | 329   | 1,366      |
| Aug                                    | 0           | 0                   | 6    | 1,096 | 1,118 | 2,219      |
| Sep                                    | 0           | 0                   | 4    | 801   | 926   | 1,731      |
| Oct                                    | 0           | 0                   | 3    | 163   | 1,037 | 1,204      |
| Nov                                    | 23,721      | 5,418               | 1    | 0     | 578   | 29,717     |
| Dec                                    | 163,815     | 27,592              | 0    | 0     | 740   | 192,147    |
| 2026 Jan                               | 138,706     | 22,888              | 0    | 0     | 0     | 161,594    |
| Feb                                    | 94,917      | 16,828              | 0    | 0     | 0     | 111,744    |
| Mar                                    | 54,895      | 8,933               | 0    | 0     | 0     | 63,829     |
| Apr                                    | 7,161       | 1,089               | 0    | 0     | 0     | 8,250      |
| May                                    | 0           | 0                   | 0    | 79    | 0     | 79         |
| Jun                                    | 0           | 0                   | 0    | 652   | 228   | 880        |
| Jul                                    | 0           | 0                   | 3    | 1,035 | 657   | 1,695      |
| Aug                                    | 0           | 0                   | 6    | 1,096 | 1,471 | 2,573      |
| Sep                                    | 0           | 0                   | 4    | 801   | 1,274 | 2,079      |
| Oct                                    | 0           | 0                   | 3    | 163   | 1,396 | 1,562      |
| Nov                                    | 19,997      | 3,649               | 1    | 0     | 934   | 24,581     |
| Dec                                    | 157,400     | 25,240              | 0    | 0     | 1,100 | 183,740    |
| 2027 Jan                               | 132,330     | 20,731              | 0    | 0     | 0     | 153,061    |
| Feb                                    | 89,385      | 14,819              | 0    | 0     | 0     | 104,204    |
| Mar                                    | 50,206      | 7,128               | 0    | 0     | 35    | 57,368     |
| Apr                                    | 3,481       | 0                   | 0    | 0     | 0     | 3,481      |
| May                                    | 0           | 0                   | 0    | 79    | 15    | 95         |
| Jun                                    | 0           | 0                   | 0    | 652   | 580   | 1,232      |
| Jul                                    | 0           | 0                   | 3    | 1,035 | 1,021 | 2,059      |
| Aug                                    | 0           | 0                   | 6    | 1,096 | 1,862 | 2,964      |
| Sep                                    | 0           | 0                   | 4    | 801   | 1,659 | 2,464      |
| Oct                                    | 0           | 0                   | 3    | 163   | 1,793 | 1,959      |
| Nov                                    | 16,032      | 1,982               | 1    | 0     | 1,328 | 19,343     |
| Dec                                    | 150,617     | 23,009              | 0    | 0     | 1,499 | 175,125    |
| <b>CAP Period:</b>                     |             |                     |      |       |       |            |
| Total EWD (Mth):                       | 487,693     | 85,407              | 17   | 3,826 | 6,078 | 583,020    |
| Total EWD (Bcf):                       | 47.2        | 8.3                 | 0.0  | 0.4   | 0.6   | 56.5       |

**Table 2: SDG&E Excess Winter Gas Demand**

| Excess Winter Demand--EWD (Mth) | Residential | Nonresidential Core |       | Total Core |
|---------------------------------|-------------|---------------------|-------|------------|
|                                 |             | GN-3                | G-NGV |            |
| 2024 Jan                        | 18,479      | 5,465               | 99    | 24,043     |
| Feb                             | 13,038      | 4,052               | 14    | 17,104     |
| Mar                             | 9,377       | 2,743               | 0     | 12,120     |
| Apr                             | 2,486       | 863                 | 0     | 3,349      |
| May                             | 0           | 0                   | 0     | 0          |
| Jun                             | 0           | 0                   | 5     | 5          |
| Jul                             | 0           | 0                   | 338   | 338        |
| Aug                             | 0           | 0                   | 139   | 139        |
| Sep                             | 0           | 0                   | 218   | 218        |
| Oct                             | 0           | 0                   | 124   | 124        |
| Nov                             | 2,090       | 592                 | 135   | 2,817      |
| Dec                             | 19,880      | 5,707               | 91    | 25,678     |
| 2025 Jan                        | 17,857      | 5,401               | 52    | 23,310     |
| Feb                             | 12,494      | 3,996               | 0     | 16,490     |
| Mar                             | 8,895       | 2,691               | 0     | 11,586     |
| Apr                             | 2,114       | 822                 | 0     | 2,937      |
| May                             | 0           | 0                   | 0     | 0          |
| Jun                             | 0           | 0                   | 0     | 0          |
| Jul                             | 0           | 0                   | 294   | 294        |
| Aug                             | 0           | 0                   | 98    | 98         |
| Sep                             | 0           | 0                   | 169   | 169        |
| Oct                             | 0           | 0                   | 80    | 80         |
| Nov                             | 1,723       | 554                 | 91    | 2,367      |
| Dec                             | 19,233      | 5,642               | 48    | 24,922     |
| 2026 Jan                        | 17,329      | 5,309               | 52    | 22,689     |
| Feb                             | 12,032      | 3,913               | 0     | 15,945     |
| Mar                             | 8,488       | 2,616               | 0     | 11,104     |
| Apr                             | 1,804       | 760                 | 0     | 2,564      |
| May                             | 0           | 0                   | 0     | 0          |
| Jun                             | 0           | 0                   | 0     | 0          |
| Jul                             | 0           | 0                   | 294   | 294        |
| Aug                             | 0           | 0                   | 98    | 98         |
| Sep                             | 0           | 0                   | 169   | 169        |
| Oct                             | 0           | 0                   | 80    | 80         |
| Nov                             | 1,417       | 493                 | 91    | 2,000      |
| Dec                             | 18,683      | 5,548               | 48    | 24,278     |
| 2027 Jan                        | 16,782      | 5,208               | 52    | 22,041     |
| Feb                             | 11,554      | 3,821               | 0     | 15,375     |
| Mar                             | 8,066       | 2,532               | 0     | 10,599     |
| Apr                             | 1,481       | 690                 | 0     | 2,171      |
| May                             | 0           | 0                   | 0     | 0          |
| Jun                             | 0           | 0                   | 0     | 0          |
| Jul                             | 0           | 0                   | 294   | 294        |
| Aug                             | 0           | 0                   | 98    | 98         |
| Sep                             | 0           | 0                   | 169   | 169        |
| Oct                             | 0           | 0                   | 80    | 80         |
| Nov                             | 1,098       | 426                 | 91    | 1,614      |
| Dec                             | 18,113      | 5,445               | 48    | 23,606     |
| TCAP Period:                    |             |                     |       |            |
| Total EWD (Mth):                | 61,128      | 18,822              | 915   | 80,864     |
| Total EWD (Bcf):                | 5.9         | 1.8                 | 0.1   | 7.9        |

The tables below show the Excess Winter Gas Demand totals that are used to allocate 74.16 Bcf core storage inventory and 346 MMcfd summer injection capacity. Specifically, the percentages in line “% for total inventory allocation” are used for core storage inventory and summer injection.

| SoCalGas                         | Residential | Nonresidential Core |       |            |       | Total          |
|----------------------------------|-------------|---------------------|-------|------------|-------|----------------|
|                                  |             | G-10                | G-AC  | G-GE       | G-NGV | SCG Core       |
| "Excess Winter Demand"           | 47.2        | 8.3                 | 0.002 | 0.4        | 0.6   | <b>56.5</b>    |
| % for total inventory allocation | 73.44%      | 12.86%              | 0.00% | 0.58%      | 0.92% | <b>87.79%</b>  |
| % of SoCalGas core               | 83.65%      | 14.65%              | 0.00% | 0.66%      | 1.04% | <b>100.00%</b> |
|                                  |             |                     |       |            |       |                |
| SDG&E                            | Residential | Nonresidential Core |       | Total      |       | SCG & SDG&E    |
|                                  |             | GN-3                | G-NGV | SDG&E Core |       | Core Totals    |
| "Excess Winter Demand"           | 5.9         | 1.8                 | 0.1   | 7.9        |       | <b>64.3</b>    |
| % for total inventory allocation | 9.23%       | 2.84%               | 0.14% | 12.21%     |       | <b>100.00%</b> |
| % of SDG&E core                  | 75.59%      | 23.28%              | 1.13% | 100.00%    |       |                |

To allocate core withdrawal capacity, the respective company’s core peak day gas demands over the CAP period are used. The values and proportions of SoCalGas’ and SDG&E’s respective core peak day load totals are shown below: The percentages in line “% for Withdrawal Allocation” are used to allocate 1,174 MMcfd winter withdrawal capacity.

| SoCalGas                    | Residential | Nonresidential Core |        |            |        | Total           |
|-----------------------------|-------------|---------------------|--------|------------|--------|-----------------|
|                             |             | G-10                | G-AC   | G-GE       | G-NGV  | SCG Core        |
| Peak Day Demand             | 22,262.2    | 5,242.0             | 0.3    | 29.0       | 479.3  | <b>28,012.8</b> |
| % for Withdrawal Allocation | 69.284%     | 16.314%             | 0.001% | 0.090%     | 1.492% | <b>87.180%</b>  |
| % of SoCalGas core          | 79.47%      | 18.71%              | 0.00%  | 0.10%      | 1.71%  | <b>100.00%</b>  |
|                             |             |                     |        |            |        |                 |
| SDG&E                       | Residential | Nonresidential Core |        | Total      |        | SCG & SDG&E     |
|                             |             | GN-3                | G-NGV  | SDG&E Core |        | Core Totals     |
| Peak Day Demand             | 3,039.7     | 1,015.3             | 64.2   | 4,119.2    |        | <b>32,132.0</b> |
| % for Withdrawal Allocation | 9.460%      | 3.160%              | 0.200% | 12.82%     |        | <b>100.00%</b>  |
| % of SDG&E core             | 73.79%      | 24.65%              | 1.56%  | 100.00%    |        |                 |

The resulting allocations of core storage assets to the various core rate classes are shown in the tables below:

**SoCalGas Core Storage Allocations by Customer Class**

| Storage Asset              | Residential | G-10  | G-AC  | G-GE | G-NGV | Total SCG Core |
|----------------------------|-------------|-------|-------|------|-------|----------------|
| Inventory Allocation (BCF) | 54.46       | 9.54  | 0.002 | 0.43 | 0.68  | 65.11          |
| Injection (MMcfd)          | 254.1       | 44.5  | 0.009 | 2.0  | 3.2   | 303.8          |
| Withdrawal (MMcfd)         | 813.4       | 191.5 | 0.011 | 1.1  | 17.5  | 1,023.5        |

**SDG&E Core Storage Allocations by Customer Class & Combined SCG & SDG&E**

| Storage Asset              | Residential | GN-3 | G-NGV | Total SDG&E Core |  | Total SCG & SDG&E Core |
|----------------------------|-------------|------|-------|------------------|--|------------------------|
| Inventory Allocation (BCF) | 6.84        | 2.11 | 0.10  | 9.05             |  | 74.160                 |
| Injection (MMcfd)          | 31.9        | 9.8  | 0.5   | 42.2             |  | 346.0                  |
| Withdrawal (MMcfd)         | 111.1       | 37.1 | 2.3   | 150.5            |  | 1,174.0                |

For example, the storage assets allocated to SoCalGas' residential market segment are calculated below:

Inventory:

$$54.46 \text{ Bcf} = 74.16 \text{ Bcf} \times 73.44\%$$

Injection:

$$254.1 \text{ MMcf/d} = 346 \text{ MMcf/d} \times 73.44\%$$

Withdrawal:

$$813.4 \text{ MMcf/d} = 1,214 \text{ MMcf/d} \times 69.284\%$$

**2006 LUAF Study for SoCalGas  
And  
SDG&E**



**Year 2006 Lost and Unaccounted-For  
Gas at Southern California  
Gas Company and San Diego Gas & Electric Company**

**2006 Addendum to: "A Study of the 1991 Unaccounted-For Gas Volume at the  
Southern California Gas Company"**

**Prepared by: Southern California Gas Company  
Gas Engineering-Measurement Regulation & Control**

**November 30th, 2007**



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## EXECUTIVE SUMMARY:

This document provides a summary of component and customer class allocations for Southern California Gas Company (SoCalGas) and San Diego Gas & Electric Company's (SDG&E) lost and unaccounted-for (LUAF) gas. The allocations are based on a review of reported year 2006 LUAF gas for the companies on areas of LUAF gas contribution as identified in a comprehensive 1991 LUAF gas study conducted by SoCalGas.

SoCalGas' 2006 LUAF gas was 7,273,043 MMBtu, representing 0.73% of all system gas receipts while SDG&E's 2006 LUAF gas was 1,542,472 MMBtu, representing 1.27% of all system receipts.

Tables 1 and 2 on the following pages show year 2006 line-item core and non-core allocations of LUAF gas by component type for SoCalGas and SDG&E, respectively.

The Tables show the following allocations:

| <i>LUAF Gas Allocations:</i> |                   |                       |             |                 |
|------------------------------|-------------------|-----------------------|-------------|-----------------|
| <u>Company</u>               | <u>Core MMBtu</u> | <u>Non-Core MMBtu</u> | <u>Core</u> | <u>Non-Core</u> |
| SoCalGas:                    | 5,170,794         | 2,102,249             | 71.1%       | 28.9%           |
| SDG&E:                       | 1,183,217         | 359,235               | 76.7%       | 23.3%           |

The analytical approach used to derive these allocations follows.

Table 1

SoCalGas 2006 LUAF Gas Component Allocation

| Line Item    | Department                       | 1991 Subcomponents                             | 1991 LAUF Volumes (MCF) | SoCalGas1991 % of LAUF | 2006 LAUF Volumes (MCF) | SoCal Gas 2006 % of LAUF | 2006 vs.1991 LAUF Volumes (MCF) | 2006 % of LAUF Change | 2006 LAUF MMBtus | SoCal % Non-core | SoCal 2006 Non-core LAUF MMBtus | SoCal 2006 Core LAUF MMBtus | SoCal Core %  |
|--------------|----------------------------------|--|-------------------------|------------------------|-------------------------|--------------------------|---------------------------------|-----------------------|------------------|------------------|---------------------------------|-----------------------------|---------------|
| A            | Accounting                       | Cycle Billing Adjustments                      | 201,666                 | 1.86%                  | 0                       | 0.00%                    | -201,666                        | -1.86%                | -                | -                | -                               | -                           | -             |
| B            | Accounting                       | Company-Use Gas                                | 61,928                  | 0.57%                  | 35,065                  | 0.50%                    | -26,863                         | -0.07%                | 36,176           | 62.90%           | 22,755                          | 13,421                      | 37.10%        |
| C            | Accounting                       | Bypass   | 3,047                   | 0.03%                  | 0                       | 0.00%                    | -3,047                          | -0.03%                | -                | 0.00%            | -                               | -                           | -             |
| D            | Accounting                       | Slow Meters                                    | 246                     | 0.00%                  | 302                     | 0.00%                    | 56                              | 0.00%                 | 312              | 0.00%            | -                               | 312                         | 100.00%       |
| E            | Accounting                       | DR Meters                                      | 5,008                   | 0.05%                  | 3,250                   | 0.05%                    | -1,758                          | 0.00%                 | 3,353            | 0.00%            | -                               | 3,353                       | 100.00%       |
| F            | Accounting                       | No-Close Policy                                | 3,479                   | 0.03%                  | 477,006                 | 6.77%                    | 473,527                         | 6.73%                 | 492,115          | 0.00%            | -                               | 492,115                     | 100.00%       |
| G            | Accounting                       | Other Estimated                                | 2,323                   | 0.02%                  | 0                       | 0.00%                    | -2,323                          | -0.02%                | -                | 0.00%            | -                               | -                           | -             |
| H            | Accounting                       | Other Actual                                   | 12,460                  | 0.11%                  | 0                       | 0.00%                    | -12,460                         | -0.11%                | -                | 0.00%            | -                               | -                           | -             |
| I            | Measurement Regulation & Control | Fixed-Factor Temperature                       | -1,331,123              | -12.27%                | -1,539,192              | -21.83%                  | -208,069                        | -9.56%                | (1,587,947)      | 0.00%            | -                               | (1,587,947)                 | 100.00%       |
| J            | Measurement Regulation & Control | Fixed-Factor Pressure                          | 271,007                 | 2.50%                  | 312,599                 | 4.43%                    | 41,592                          | 1.94%                 | 322,501          | 0.00%            | -                               | 322,501                     | 100.00%       |
| K            | Measurement Regulation & Control | Elevation and Barometric Pressure              | 1,603,207               | 14.78%                 | 1,205,718               | 17.10%                   | -397,489                        | 2.33%                 | 1,243,910        | 0.00%            | -                               | 1,243,910                   | 100.00%       |
| L            | Measurement Regulation & Control | Fixed-Factor For Calculation of Z              | -425,932                | -3.93%                 | -44,947                 | -0.64%                   | 380,985                         | 3.29%                 | (46,371)         | 0.00%            | -                               | (46,371)                    | 100.00%       |
| M            | Measurement Regulation & Control | Positive Displacement Meter Accuracy           | 2,957,299               | 27.26%                 | 2,244,479               | 31.84%                   | -712,820                        | 4.58%                 | 2,315,574        | 0.00%            | -                               | 2,315,574                   | 100.00%       |
| N            | Measurement Regulation & Control | Orifice Meter Accuracy                         | 5,849,534               | 53.91%                 | 4,137,346               | 58.69%                   | -1,712,188                      | 4.77%                 | 4,268,399        | 69.88%           | 2,982,757                       | 1,285,642                   | 30.12%        |
| O            | Measurement Regulation & Control | Ultrasonic Meter Accuracy                      | 0                       | 0.00%                  | -205,780                | -2.92%                   | -205,780                        | -2.92%                | (212,298)        | 207.85%          | (441,261)                       | 228,963                     | -107.85%      |
| P            | Measurement Regulation & Control | Turbine Meter Accuracy                         | -912,157                | -8.41%                 | -797,839                | -11.32%                  | 114,318                         | -2.91%                | (823,111)        | 97.33%           | (801,134)                       | (21,977)                    | 2.67%         |
| Q            | Measurement Regulation & Control | Instrument Calibration Bias                    | -28,031                 | -0.26%                 | -261,961                | -3.72%                   | -233,930                        | -3.46%                | (270,259)        | 99.10%           | (267,826)                       | (2,432)                     | 0.90%         |
| R            | Measurement Regulation & Control | Ambient Temperature Effect on Instrumentation* | 116,012                 | 1.07%                  | 0                       | 0.00%                    | -116,012                        | -1.07%                | -                | 0.00%            | -                               | -                           | -             |
| S            | Measurement Regulation & Control | Chart Integration Bias                         | -50,999                 | -0.47%                 | 0                       | 0.00%                    | 50,999                          | 0.47%                 | -                | 0.00%            | -                               | -                           | -             |
| T            | Distribution Pipeline            | Distribution Leakage                           | 804,662                 | 7.42%                  | 566,861                 | 8.04%                    | -237,801                        | 0.62%                 | 584,817          | 23.52%           | 137,549                         | 447,268                     | 76.48%        |
| U            | Transmission Pipeline            | Transmission Leakage                           | 67,174                  | 0.62%                  | 29,755                  | 0.42%                    | -37,419                         | -0.20%                | 30,698           | 62.90%           | 19,309                          | 11,389                      | 37.10%        |
| V            | Accounting                       | Theft  | 644,529                 | 5.94%                  | 397,288                 | 5.64%                    | -247,241                        | -0.30%                | 409,872          | 32.27%           | 132,266                         | 277,606                     | 67.73%        |
| W            | NA                               | Non-Study Components                           | 994,461                 | 9.17%                  | 489,786                 | 6.95%                    | -504,673                        | -2.22%                | 505,303          | 62.90%           | 317,835                         | 187,467                     | 37.10%        |
| <b>Total</b> |                                  |  | <b>10,849,800</b>       | <b>100.00%</b>         | <b>7,049,738</b>        | <b>100.00%</b>           | <b>-3,800,062</b>               | <b>-0.30%</b>         | <b>7,273,043</b> | <b>28.90%</b>    | <b>2,102,249</b>                | <b>5,170,794</b>            | <b>71.10%</b> |

1991 Total Gas Delivered: 1,052,063,306

2006 Total Gas Delivered MCF: 963,340,871

1991 LUAF % of Total Gas Delivered: 1.03%

2006 LUAF % of Total Gas Delivered: 0.73180%

1991 Total LUAF: 10,849,800

2006 Total LUAF MCF: 7,049,738

The following is included in Instrument Calibration Bias in the 2007 LUAF Study:  
\*Ambient Temperature Effect on Instrumentation

2006 Total MMBtus Delivered: 993,855,331

| LUAF Factor Total | LUAF Factor NC | LUAF Factor Core |
|-------------------|----------------|------------------|
| 0.73%             | 0.21%          | 0.52%            |

2006 Total MMBtu LUAF: 7,273,043

| Allocation | Allocation NC | Allocation Core |
|------------|---------------|-----------------|
| 100%       | 28.90%        | 71.10%          |

2006 System Average BTU Factor: 1.0316757

Table 2  
SDG&E 2006 LUAF Gas Component Allocation

| Line Item | Department                       | 1991 Subcomponents                            | SDG&E 2006 % of LUAF | 2006 LAUF Volumes (MCF) | 2006 LUAF MMBtus | SD % Non-core | SD 2006 Non-core LUAF MMBtus | SD 2006 Core LUAF MMBtus | SD % core     |
|-----------|----------------------------------|---|----------------------|-------------------------|------------------|---------------|------------------------------|--------------------------|---------------|
| A         | Accounting                       | Cycle Billing Adjustments                     | 0.00%                | 0                       | 0                | 0.00%         | -                            | -                        |               |
| B         | Accounting                       | Company-Use Gas                               | 0.20%                | 3,021                   | 3,074            | 59.45%        | 1,827                        | 1,246                    | 40.55%        |
| C         | Accounting                       | Bypass  | 0.00%                | 0                       | 0                | 0.00%         | -                            | -                        |               |
| D         | Accounting                       | Slow Meters                                   | 0.00%                | 38                      | 38               | 0.00%         | -                            | 38                       | 100.00%       |
| E         | Accounting                       | DR Meters                                     | 0.03%                | 403                     | 410              | 0.00%         | -                            | 410                      | 100.00%       |
| F         | Accounting                       | No-Close Policy                               | 3.92%                | 59,368                  | 60,400           | 0.00%         | -                            | 60,400                   | 100.00%       |
| G         | Accounting                       | Other Estimated                               | 0.00%                | 0                       | 0                | 0.00%         | -                            | -                        |               |
| H         | Accounting                       | Other Actual                                  | 0.00%                | 0                       | 0                | 0.00%         | -                            | -                        |               |
| I         | Measurement Regulation & Control | Fixed-Factor Temperature                      | -11.62%              | -176,217                | -179,281         | 0.00%         | -                            | (179,281)                | 100.00%       |
| J         | Measurement Regulation & Control | Fixed-Factor Pressure                         | 3.30%                | 50,035                  | 50,905           | 0.00%         | -                            | 50,905                   | 100.00%       |
| K         | Measurement Regulation & Control | Elevation and Barometric Pressure             | 12.83%               | 194,497                 | 197,879          | 0.00%         | -                            | 197,879                  | 100.00%       |
| L         | Measurement Regulation & Control | Fixed-Factor For Calculation of Z             | -1.07%               | -16,164                 | -16,445          | 0.00%         | -                            | (16,445)                 | 100.00%       |
| M         | Measurement Regulation & Control | Positive Displacement Meter Accuracy          | 35.90%               | 544,219                 | 553,681          | 0.07%         | 376                          | 553,305                  | 99.93%        |
| N         | Measurement Regulation & Control | Orifice Meter Accuracy                        | -1.72%               | -26,052                 | -26,505          | 57.55%        | (15,255)                     | (11,250)                 | 42.45%        |
| O         | Measurement Regulation & Control | Ultrasonic Meter Accuracy                     | 33.58%               | 509,059                 | 517,910          | 44.83%        | 232,171                      | 285,739                  | 55.17%        |
| P         | Measurement Regulation & Control | Turbine Meter Accuracy                        | -4.83%               | -73,178                 | -74,450          | 96.69%        | (71,985)                     | (2,465)                  | 3.31%         |
| Q         | Measurement Regulation & Control | Instrument Calibration Bias                   | -0.75%               | -11,325                 | -11,522          | 89.04%        | (10,260)                     | (1,262)                  | 10.96%        |
| R         | Measurement Regulation & Control | Ambient Temperature Effect on Instrumentation | 0.00%                | 0                       | 0                | 0.00%         | -                            | -                        |               |
| S         | Measurement Regulation & Control | Chart Integration Bias                        | 0.00%                | 0                       | 0                | 0.00%         | -                            | -                        |               |
| T         | Distribution Pipeline            | Distribution Leakage                          | 6.55%                | 99,378                  | 101,106          | 23.52%        | 23,780                       | 77,326                   | 76.48%        |
| U         | Transmission Pipeline            | Transmission Leakage                          | 0.19%                | 2,948                   | 2,999            | 59.45%        | 1,783                        | 1,216                    | 40.55%        |
| V         | Accounting                       | Theft   | 3.57%                | 54,134                  | 55,075           | 25.72%        | 14,168                       | 40,908                   | 74.28%        |
| W         | Accounting                       | NA  | 19.92%               | 301,947                 | 307,197          | 59.45%        | 182,629                      | 124,569                  | 40.55%        |
|           | <b>Total</b>                     |   | <b>100.00%</b>       | <b>1,516,111</b>        | <b>1,542,472</b> | <b>23.29%</b> | <b>359,235</b>               | <b>1,183,237</b>         | <b>76.71%</b> |

|  |                    |
|--|--------------------|
| <b>2006 Total Gas Delivered MCF:</b>       | <b>119,689,634</b> |
| <b>2006 LUAF % of Total Gas Delivered:</b> | <b>1.2667%</b>     |
| <b>2006 Total LUAF MCF:</b>                | <b>1,516,111</b>   |
| <b>2006 Total MMBtus Delivered:</b>        | <b>121,770,685</b> |
| <b>2006 Total MMBtu LUAF:</b>              | <b>1,542,472</b>   |
| <b>2006 System Average BTU Factor:</b>     | <b>1.017</b>       |

|                          |
|--------------------------|
| <b>LUAF Factor Total</b> |
| <b>1.27%</b>             |
| <b>Allocation</b>        |
| <b>100%</b>              |

|                       |                         |
|-----------------------|-------------------------|
| <b>LUAF Factor NC</b> | <b>LUAF Factor Core</b> |
| <b>0.30%</b>          | <b>0.97%</b>            |
| <b>Allocation NC</b>  | <b>Allocation Core</b>  |
| <b>23.29%</b>         | <b>76.71%</b>           |

## **ANALYTICAL APPROACH:**

SoCalGas' Gas Engineering Department formulated year 2006 LUAF gas components for both SoCalGas and SDG&E by employing the methods and assessment mechanics from SoCalGas' 1991 study entitled: "A Study of the 1991 Unaccounted For Gas Volume At the Southern California Gas Company". This comprehensive 1991 Study, which provided the framework for SoCalGas' LUAF gas component and customer assignment, was conducted over a two-year period. The study incorporated detailed testing, sampling and inspection of many of SoCalGas' metering, billing and accounting systems in 1990 and 1991. Gas Engineering personnel reviewed the base calculations and assumptions contained in the 1991 Report and modified/updated relevant calculations with year 2006 data sets to arrive at 2006 component allocations. The results are summarized in Table 1 for SoCalGas and Table 2 for SDG&E. An overview of the approach used to develop these numbers is discussed in this report under the Results and LUAF Gas Component Assignment Overview section. The specific methods, factors and calculations used to arrive at the figures in these tables are described in greater detail in Appendices A through W. These identifying Appendix letters are mapped to the specific Line Item designations A through W in the left columns of Tables 1 and 2.

Key base-data changes from 1991 to 2006 which influenced results included the new type of meters used to serve large customers and to receive gas supplies into the system, the change in families of small meters used by SoCalGas, the location of customers and growth in the Inland areas of the service territory, and temperature differences between the analysis years.

There is no companion study of SDG&E's LUAF gas which matches the SoCalGas 1991 study in detail and scope. As such, SDG&E's LUAF gas allocations for year 2006 constitute a derivative of SoCalGas' study results, with allowances incorporated when known dissimilar utilities practices, employed technologies, or other differences, warrant acknowledgement.

The 1991 Study identified four major contributors to SoCalGas' LUAF gas. The four major contributors were:

- Accounting
- Measurement
- Leakage
- Theft

Within these four major contributory areas, 23 sub-components were identified. These sub-component LUAF gas contributors have been reviewed for changes from 1991 to 2006 in operational practices, technologies, weather and other considerations. Some sub-component derivations are still relevant today and required no alteration while others have been updated or eliminated completely. In many instances, updated calculations to reflect differences between 1991 and 2006 data were performed to arrive at the 2006 LUAF gas components for each company.

## **RESULTS AND LUAF GAS COMPONENT ASSIGNMENT OVERVIEW:**

Tables 1 and 2 provide a summary of specific LUAF gas components and their apportionment to the core or non-core customer classes. Each line item (A through W) constitutes one of the 23 sub-components calculated in the 1991 report, which has been updated with 2006 data where applicable. A summary of each sub-component and a brief description of the rationale and methodology applied to each 1991 line item to arrive at each 2006 updated LUAF gas result and customer class allocation follows:

Accounting:

**A) Cycle Billing Adjustments** – This component has been removed from the LUAF gas calculation due to the fact that SoCalGas and SDG&E have controlled/adjusted for this effect by incorporating an unbilled revenue calculation several years ago.

**B) Company - Use Gas** – This is gas used by the utilities to support operations which are not metered directly or otherwise not included in operational engineering calculations. These are very nominal volumes involving gas used for operating valves, controllers, gas measuring instruments, equipment start-up and small gas purging operations. Appendix B shows the line item contributors to this use category.

|                                  |                |
|----------------------------------|----------------|
| SoCalGas percent of LUAF: 0.50%, | MMBtus: 36,176 |
| SDG&E percent of LUAF: 0.20%,    | MMBtus: 1,827  |

Computed SoCalGas customer allocation is 62.9% to non-core and 37.1% to core. SDG&E's allocation is 59.5% to non-core and a 40.5% to core. This gas use is shared by customers based on the ratio of their aggregate class use to total system deliveries.

**C) Bypass** – This is gas which bypasses meters under normal operations (e.g., testing change-outs and other related operations) where the affected gas volumes necessarily cannot be metered. This gas is no longer unreported and unaccounted-for. Estimates of bypass gas volume are placed on work orders. The totals from these forms are included in Company-Use Fuel ledgers.

**D) Slow Meters** – The SoCalGas year 2006 volume is based on 180,000+ small meter in-testing results and detailed testing performed on small diaphragm meters as part of the 1991 LUAF study. This sub-component represents gas delivery which did not get billed as a result of: a) meters operating at times in slow flow ranges as a function of their design and/or as observed in empirical testing and b) meters which are removed from service, tested and confirmed as operating slow, but which do not reach the procedural



threshold requiring a billing adjustment. It includes only slow meters removed from service. Known meter families which run slow but which remain in service are covered under Line item “M” – *Positive Displacement Meter Accuracy*. This statistically negligible Slow Meter component has shown virtually insignificant change since the 1991 Study. Slow meter-associated LUAF gas was calculated for SDG&E by applying SoCalGas’ meter testing results to SDG&E’s similar family in-service meter populations.

|                                   |             |
|-----------------------------------|-------------|
| SoCalGas percent of LUAF: <0.00%, | MMBtus: 312 |
| SDG&E percent of LUAF: <0.00%,    | MMBtus: 38  |

Allocation for this slow meter volume is 100% to the core market for both utilities. Slow meter considerations affecting larger meter technologies serving non-core customers are covered under other specific metering categories in this report.

**E) *Did Not Register (DR) Meters*** – The SoCalGas 2006 volume is based on actual 2006 customer billing adjustments associated with small meters which failed and required replacement. This sub-component has shown insignificant change at SoCalGas since 1991. DR meter LUAF gas was calculated for SDG&E based on SoCalGas’ proportion of LUAF gas for the same meter categories.

|                                  |               |
|----------------------------------|---------------|
| SoCalGas percent of LUAF: 0.05%, | MMBtus: 3,353 |
| SDG&E percent of LUAF: 0.03%,    | MMBtus: 410   |

Assignment is 100% to core customers for this component, as any required DR meter adjustments affecting non-core customers are performed directly for each non-core meter site.

**F) *Authorized No-Close Policy*** – The 2006 SoCalGas allocation is based on 2006 recorded data from SoCalGas’ billing system and has shown significant change since the 1991 study due to residential customer growth and expansion of the no-close process. The policy was merely a pilot study in 1991. This 2006 component was calculated by

taking the aggregate of initial meter reads when a new customer moves into a location and subtracting the final meter reads associated with the previous customer's usage. The results of these calculations are shown below.

|                                  |                 |
|----------------------------------|-----------------|
| SoCalGas percent of LUAF: 6.77%, | MMBtus: 492,115 |
| SDG&E percent of LUAF: 3.92%,    | MMBtus: 60,400  |

No close policy LUAF gas is assigned fully to core customers, as they are the customer group for which this practice is authorized.

**G) *Other Estimated*** – This is no longer a calculated LUAF gas sub-component. The 2006 allocation is zero for both companies.

**H) *Other Actual*** – This is no longer a LUAF gas sub-component due to changes in measuring, estimating and accounting practices. The 2006 allocation is zero for both companies.

**Measurement:**

**I) *Fixed-Factor Temperature*** – This component represents the over-registration of small gas meters without gas temperature correction. In 2006, the net effect was to lower overall LUAF gas. Customer growth in the Inland area and warmer temperatures in year 2006 were the major causes which changed this number by 10% from 1991 levels for SoCalGas. SDG&E's component was apportioned based on relative numbers of meters which are subject to this phenomenon in comparable temperature zones.

|                                    |                    |
|------------------------------------|--------------------|
| SoCalGas percent of LUAF: -21.83%, | MMBtus: -1,587,947 |
| SDG&E percent of LUAF: -11.62%,    | MMBtus: -179,281   |

This entire component is assigned to core customers. Non-Core customers' meters ordinarily have compensation for both flowing gas pressure and temperature.

**J) Fixed-Factor Pressure** – This component represents under-billing which occurs due to gas regulation pressure upstream of meters being higher than the as-billed pressure. Based on the results of regulator inspections in 2006, the average fixed factor pressure customer still experiences this slight under-registration.

|                           |        |         |         |
|---------------------------|--------|---------|---------|
| SoCalGas percent of LUAF: | 4.43%, | MMBtus: | 322,501 |
| SDG&E percent of LUAF:    | 3.30%, | MMBtus: | 50,905  |

This component is assigned 100% to core customers as non-core customers have electronic devices which measure and compensate for meter pressure (see Line Item “Q” - *Instrument Calibration Bias* discussion below.)

**K) Elevation and Barometric Pressure** – Elevation-based LUAF gas results from the elevation where customers actually are served, in the aggregate, being slightly different than the mean altitude assumed in their billing “altitude zone”- used for billing standard pressure customers or "elevation zone"- used for above standard pressure customers. When the aggregate of customers within a zone are situated at an altitude below the mean elevation of that zone used for barometric pressure billing correction, customers on average are under-billed. When they reside above the elevation zone median, their delivered gas pressure is slightly less than assumed, and thus a slight over-registration occurs.

An analysis of each of SoCalGas elevation and altitude zone was performed in 1991. The results showed that customers were on-average situated slightly below their zone mean resulting in higher delivery pressure (and barometric pressure) than employed in billing calculations. SoCalGas 2006 data for this component was calculated by applying updated meter and load information for each of eight standard pressure Altitude Zones (1000' increments) where statistical determination of customer elevation was performed in 1991. This result was applied to standard pressure customer volumes to compute a 2006 result. A similar analysis was performed for above standard pressure customers by

updating information for each of 16 "elevation zones" (400' increments). The contributions to LUAF gas for this phenomenon in 2006 were as follows:

|                           |         |         |           |
|---------------------------|---------|---------|-----------|
| SoCalGas percent of LUAF: | 17.10%, | MMBtus: | 1,243,910 |
| SDG&E percent of LUAF:    | 12.83%, | MMBtus: | 197,879   |

SDG&E LUAF contribution was computed by applying SoCalGas altitude zone elevation biases for comparable SDG&E geographic areas. This gas LUAF component is assigned 100% to the core market, as non-core accounts are assigned a barometric read which is site specific, or the pressure at the metering site is an absolute reading from an electronic transmitter registering in units of absolute pressure.

**L) Fixed-Factor For Calculation of Z** – Bias associated with the fixed factor calculation of super-compressibility changed from 1991, as the temperature associated with the delivery of gas to this class of customers was slightly different. This calculated bias occurs because the assumed system temperature used for the small customer super-compressibility calculation is 60 degrees Fahrenheit while the actual average gas temperature is approximately 64 degrees Fahrenheit for affected meter sets. This resulted in some minor over-registration of gas flows. SDG&E's LUAF gas was calculated using the same method, using a gas temperature of 62.7 degrees F and applying the results to fixed temperature SDG&E customer volumes. The resulting LUAF gas reductions are as follows:

|                           |         |         |         |
|---------------------------|---------|---------|---------|
| SoCalGas percent of LUAF: | -0.64%, | MMBtus: | -46,371 |
| SDG&E percent of LUAF:    | -1.07%, | MMBtus: | -16,445 |

This component is allocated 100% to core customers, as non-core customer's super-compressibility and volumes are computed using the measured flowing gas temperature at the meter site.

**M) Positive Displacement Meter Accuracy** – This LUAF gas component reflects the impact of small meter families which have been shown to run slow, but which remain in service as they are not outside of SoCalGas and SDG&E’s, CPUC-approved, Meter Performance Control Program criteria for replacement. The LUAF contributions are based on the in-testing of 180,000 meters and applying the results to both SoCalGas and SDG&E in-service meter families in order to statistically compute the system-wide impact of slow meters. Testing of meter performance at different flow rates and matching of registration biases with customer use profiles was also used to determine this LUAF contribution. Since the 1991 study, many slow meter families have been taken out of service resulting in a reduction in LUAF gas for this sub-component.

|                                   |                   |
|-----------------------------------|-------------------|
| SoCalGas percent of LUAF: 31.84%, | MMBtus: 2,315,574 |
| SDG&E percent of LUAF: 35.90%,    | MMBtus: 553,681   |

This component is assigned 100% to core customers, since those customers are affected exclusively by the Meter Performance Control Program.

**N) Orifice Meter Accuracy** – There has been a migration of some SoCalGas retail and receipt-point orifice meters to ultrasonic meters since 1991. This includes the meters at the primary interconnection between SoCalGas and SDG&E at Rainbow. The net effect is a reduction in SoCalGas LUAF gas as a result of fewer “slow” orifice meters at retail delivery locations. SDG&E has a lesser percentage of retail deliveries through orifice meters compared to SoCalGas. SDG&E’s largest orifice meter impact is from its gas receipt point at San Onofre. Slight under-measurement of this meter results in a favorable LUAF gas component for SDG&E.

|                                   |                   |
|-----------------------------------|-------------------|
| SoCalGas percent of LUAF: 58.69%, | MMBtus: 4,268,399 |
| SDG&E percent of LUAF: -1.72%,    | MMBtus: -26,505   |

This component is assigned to both core and non-core customers based on volume weighted orifice-meter supplies and retail delivery meters considerations. All customer

class' supplies are received by orifice meters, but only non-core customers are served by this metering technology.

**O) Ultrasonic Meter Accuracy** – SoCalGas' finding is that ultrasonic meters can exhibit a positive calibration shift over time and also can exhibit a bias from calibration factor parameters when operating with a single meter factor (and operating at lower than average flow rates.) Maintenance work and repair can also have an upward bias of such metering when probes are replaced in the field due to failure. SoCalGas has used its field findings to project minor upward bias on some of its ultrasonic meters. The associated 2006 LUAF gas impact are:

|                           |         |         |          |
|---------------------------|---------|---------|----------|
| SoCalGas percent of LUAF: | -2.92%, | MMBtus: | -212,298 |
| SDG&E percent of LUAF:    | 33.58%, | MMBtus: | 517,910  |

The allocation of this component to customers is a volume-weighted calculation which takes into consideration that both core and non-core customers receive their gas into SoCalGas and SDG&E's transmission lines via ultrasonic meters, while all direct retail deliveries to customers via such meters are for non-core service only. The SoCalGas LUAF gas allocation is a 441,261 MMBtu credit to the non-core market and a 228,963 MMBtu LUAF gas contribution to the core market. The SDG&E LUAF gas allocations are 232,171 MMBtu to the non-core market and a 285,739 MMBtu to core customers.

**P) Turbine Meter Accuracy** – This component is based on the results of lab calibration tests for meters removed from service and includes field calibration (Aux) factor consideration, which places the lab calibration bias number in the field devices to provide true zero meter error upon installation. Overall these results show a slight over-registration effect for turbine meters in 2006. SDG&E's turbine meter-associated LUAF gas was based on similar results and also compensated for the fact that SDG&E does not include a meter aux factor in its field configuration.

|                                    |                  |
|------------------------------------|------------------|
| SoCalGas percent of LUAF: -11.32%, | MMBtus: -823,111 |
| SDG&E percent of LUAF: -4.83%,     | MMBtus: -74,450  |

This component is assigned 97% to non-core customers for both utilities, based on the volume weighting of customers served by turbine meters.

**Q) Instrument Calibration Bias** – This component is calculated from actual field audits performed in 2006 (using “as-found” data from electronic instruments providing pressure and temperature correction for large customers) and now includes the sub-component *Ambient Temperature Effect on Instrumentation*.

|                                   |                  |
|-----------------------------------|------------------|
| SoCalGas percent of LUAF: -3.72%, | MMBtus: -261,961 |
| SDG&E percent of LUAF: -0.75%,    | MMBtus: -11,522  |

This component is assigned 99% to SoCalGas' non-core customers, based on the error type associated with the specific equipment in-service at the different customer classes and volume weighting the allocated bias effect. The allocation to SDG&E's non-core customers is 89% based on symmetric criteria.

**R) Ambient Temperature Effect on Instrumentation** – Ambient temperature effect is now included in the above referenced subcomponent “*Instrument Calibration Bias*”.

**S) Chart Integration Bias** – Charts are an outdated technology and are no longer used for custody transfer billing. The 2006 LUAF gas component contribution is zero for both utilities.

Leakage:

T) **Distribution Leakage** – Year 2006 leakage data for mains and services was derived from 2006 mileage, pipe type and updated leak per mile factors for the associated pipe. SDG&E’s pipeline leakage rate were computed in the same manner as SoCalGas’, with SDG&E’s miles of pipe used instead of SoCalGas. Details are provided in Appendix T/U.

|                                  |                 |
|----------------------------------|-----------------|
| SoCalGas percent of LUAF: 8.04%, | MMBtus: 584,817 |
| SDG&E percent of LUAF: 6.55%,    | MMBtus: 101,106 |

The allocation to customer class for both companies was computed based on the relative volume of gas used by core and non-core customers served off of the distribution system. The allocation for distribution leakage is 76% core and 24% non-core for both utilities.

U) **Transmission Leakage** – SoCalGas 2006 LUAF gas attributable to this component was derived by adjusting transmission pipeline mileages between 1991 and 2006 and applying the 1991 per mile leak rate. Leakage for compressor stations was computed by using 1991 Mcf/hour leak factors for each compressor station with actual 2006 operational hours used as the multiplier. SDG&E’s 2006 LUAF gas for this component was computed using SDG&E’s pipeline mileage and comparable-type SoCalGas leak factors for pipeline contribution. Comparable SoCalGas compressor leakage rates and SDG&E’s actual operating hours were used to compute SDG&E’s compressor station contributions.

|                                  |                |
|----------------------------------|----------------|
| SoCalGas percent of LUAF: 0.42%, | MMBtus: 30,698 |
| SDG&E percent of LUAF: 0.19%,    | MMBtus: 2,999  |

Transmission pipelines and compressors serve all customers; as such gas LUAF gas component allocations are based on customer class percentage of total gas deliveries. The results are: SDG&E: non-core 59% and core 41%; SoCalGas: non-core 63% and core 37%.



Theft:

V) *Theft* – Two calculation methods were used in the 1991 study and the method with the larger amount of LUAF gas was chosen for the analysis in that era. After updating these calculations for customer growth and other factors in 2006, an average of the two calculation methods (entailing percentage of customers who steal gas and the average amount per episode) was used for this revision, resulting in a slight decrease in the percentage of this sub-component. Theft component LUAF contribution was calculated for SDG&E by applying SoCalGas’ customer behavior findings/results to SDG&E customer meter counts.

|                                  |                 |
|----------------------------------|-----------------|
| SoCalGas percent of LUAF: 5.64%, | MMBtus: 409,872 |
| SDG&E percent of LUAF: 3.57%,    | MMBtus: 55,075  |

Theft-related LUAF gas allocation was allocated to core and non-core customers based on residential/non-residential end use designation use in the theft calculations. Residential theft was assigned to core while non-residential theft was assigned to non-core for both Companies. The results are: SoCalGas: non-core 32%, core 68%; and SDG&E: non-core 26%, core 74%.

Non-Study Components:

W) *Non-Study Components* – This category represents the remainder of LUAF gas for each utility which has not been specifically assigned to a known LUAF gas contribution area. It represents those contributions which might be assignable in any of the other areas, but for which more study would be required to provide such definitive allocations. These numbers also represent the practical limits of certainty for each of the utilities’ LUAF gas analyses.

|                                  |                 |
|----------------------------------|-----------------|
| SoCalGas percent of LUAF: 6.95%, | MMBtus: 505,303 |
| SDG&E percent of LUAF: 19.92%,   | MMBtus: 307,197 |

Non-study components were assigned to customer class based on aggregate customer class energy use in 2006.

## **CONCLUSIONS:**

SoCalGas' 2006 LUAF gas was 7,273,043 MMBtu, representing 0.73% of all system deliveries; while SDG&E's 2006 LUAF gas was 1,542,472 MMBtu, constituting 1.27% of all system deliveries. Assignment of these LUAF gas figures to customer class, based on the volume-weighted results of all sub-component allocations, is as follows:

| <b><u>Description</u></b>        | <b><u>SoCalGas</u></b> | <b><u>SDG&amp;E:</u></b> |
|----------------------------------|------------------------|--------------------------|
| <b>2006 LUAF MMBtu</b>           | 7,273,043              | 1,542,472                |
| <b>Core Allocation MMBtu</b>     | 5,170,794              | 1,183,237                |
| <b>Non-Core Allocation MMBtu</b> | 2,102,249              | 359,235                  |
| <b>Core Allocation%</b>          | 71.1%                  | 76.7%                    |
| <b>Non-Core Allocation%</b>      | 28.9%                  | 23.3%                    |

## **APPENDIX A**

### **Cycle Billing Adjustments**

Cycle billing adjustment was historically used to refine the formal annual LUAF number for end of year and beginning of year meter reads. This component has been removed from the LUAF gas calculation due to the fact that SoCalGas and SDG&E controlled/adjusted for this effect by incorporating an unbilled revenue calculation into the reported LUAF numbers several years ago. It is integral to the reported number.

## APPENDIX B

### Company Use Gas

Company use gas LUAF contribution is associated with gas which is used in operations but not sufficiently large enough to report on special accounting forms. Volume II (Accounting-P.43) of the 1991 LUAF study discusses the SoCalGas Company Use gas LUAF contribution of 61,928 Mcf in that year and the method employed to arrive at this figure. The base methodology for calculating Company Use gas LUAF in 2006 remained unchanged for 2006, although several technology changes from 1991 to 2006 did impact this figure favorably. High-bleed gas quality measurement devices have been replaced by gas chromatographs. Turbine start figures have been reduced substantially as gas used for such purposes is now measured for most of the two companies' gas turbine-driven compressors. Tables B-1 and B-2 show the data sets and calculation results for this gas LUAF component in 2006 for SoCalGas (35,065 Mcf : 36,176 MMBtu) and SDGE (3,021 Mcf : 3,074 MMBtu), respectively.

Table B-1

#### SoCalGas

| Item                        | Unit# | cf/day | Mcf/yr        | MMBtu         | Notes  |
|-----------------------------|-------|--------|---------------|---------------|--|
| pneumatic controls-trans    |       |        | 22,129        | 22,830        | 91 study numbers unaltered                                 |
| pneumatic controls-dist     |       |        | 5,909         | 6,096         | 91 study numbers unaltered                                 |
| gas sampling-GCs            | 113   | 4      | 168           | 174           | updated GC sampler number, 0.17 cf/hr/gc                   |
| gas sampling YZ samp        | 104   | 0      | 5             | 5             | updated YZ number, 91 per sampler rate                     |
| facility blow and gas purge |       |        | 3,314         | 3,418         | 30% of 91 numbers due to form capture of significant blows |
| drip operations             |       |        | 1,240         | 1,279         | 91 unaltered   |
| wet gas effect              |       |        | 2,300         | 2,373         | 91 unaltered   |
| turbine starts              |       |        | -             | -             | all metered except Kelso unaltered                         |
| <b>Totals</b>               |       |        | <b>35,065</b> | <b>36,176</b> |  |

  

|                                 |        |          |          |
|---------------------------------|--------|----------|----------|
| SoCalGas Allocation to non-core | 37.10% | 13,009.1 | 13,421.2 |
| SoCalGas Allocation to core     | 62.90% | 22,055.9 | 22,754.6 |

Table B-2

#### SDGE

| Item                        | Unit# | cf/day | Mcf/yr       | MMBtu        | Notes  |
|-----------------------------|-------|--------|--------------|--------------|--|
| pneumatic controls-trans    |       |        | 1,353        | 1,376        | 91 scg*sdge trans mi/Socalgas trans mi         |
| pneumatic controls-dist     |       |        | 1,036        | 1,054        | 91 study numbers*sdge dist mi/socalgas dist mi |
| gas sampling-GCs            | 2     | 4      | 3            | 3            | updated CG sampler number, 0.17cf/hr/gc        |
| gas sampling YZ samp        | 4     | 0      | 0            | 0            | updated YZ number, 91 per sampler rate         |
| facility blow and gas purge |       |        | 412          | 420          | 2006 SCG Number*sendout ratio SDGE/SCG         |
| drip operations             |       |        | 76           | 77           | 91 SCG total * ratio transmission line mileage |
| wet gas effect              |       |        | 141          | 143          | 91 SCG total * ratio transmission line mileage |
| turbine starts              |       |        | -            | -            | Moreno turbines start fuel metered             |
| <b>Totals</b>               |       |        | <b>3,021</b> | <b>3,073</b> |  |

  

|                             |        |         |         |
|-----------------------------|--------|---------|---------|
| SDGE Allocation to Core     | 40.55% | 1,224.9 | 1,264.1 |
| SDGE Allocation to non-Core | 59.45% | 1,795.8 | 1,853.3 |

Allocation to customer class for each company is based on 2006 relative delivered energy to core and non-core customers.

## **APPENDIX C**

### **Bypass Gas LUAF**

Bypass gas contribution to gas LUAF, as reported in 1991, is now fully reported and accounted for in Company Use gas for 2006. As a result, it is no longer a LUAF component for SoCalGas. It is similarly not a LUAF component for SDG&E in 2006.

## APPENDIX D

### Slow Meter Gas LUAF

Slow Meter gas LUAF contribution is associated with gas meters which have been in-  
tested (after removal from a customers premise, approximately 180,000 per year) and  
found to be operating slow, but which are below the threshold for SoCalGas/SDGE to  
provide the customers billing adjustments.

Volume II (Accounting-P.69) of the 1991 LUAF study discusses the Slow Meter gas  
LUAF contribution of 246 Mcf in that year. Accounting processes for calculating Bypass  
gas LUAF in 2006 remained unchanged. The value is simply the summation of all  
identified slow meters which were not re-billed as-compiled in CIS report E12P02-3  
LUAF. The 2006 value, shown below in Table D-1 is 302.3 Mcf. SDG&E slow meter  
data was calculated using SoCalGas LUAF and multiplying by the ratio of contributing  
meter types/sizes between the two companies. The SDGE contribution is 38 Mcf.

Table D-1

|  |
|--|
| <b>Slow Meter Allowance</b><br><b>302.3</b> MCF/Year for 2006  |
| <b>Source</b><br>System Report: E12P02-3 Allowances Report   |
| <b>Definition</b><br>Slow meter volumes not billed   |
| <b>Explanation</b><br><br>This report identified slow meter volumes marked as<br>too small to rebill.<br><br>A residential meter that is less than 25% slow<br>or when the calculated unregistered<br>volume<br>is 25 ccf or less is not rebilled<br><br>A non-residential meter that is less than 2% slow<br>or when the calculated unregistered<br>volume<br>is 25 ccf or less is not rebilled |

As-found slow meters which do not trigger billing adjustments are generally limited to  
small volume use meters and customers. Therefore this component is assigned 100% to  
core customers for both Companies.

## APPENDIX E

### DR Meter Gas LUAF

DR Meter gas LUAF contribution is associated with gas meters serving customers which do not register and are removed, but for which estimated volumes are not fully billed to customers due to billing procedural requirements - estimated quantity less than 25 ccf.

The 1991 LUAF study discusses the DR gas LUAF contribution of 5,008 Mcf in that year. Accounting processes for calculating DR Meter gas LUAF in 2006 remained unchanged at SoCalGas. The DR Meter 2006 gas LUAF component is the summation of all DR gas estimates as-compiled in CIS report E12P02-3 LUAF. Table E-1 below, and excerpt from this report, shows this value to be 3,250 Mcf (3,353 MMBtu).

E-1

|                                    |  |
|------------------------------------|--|
| <b>Unbilled DR Meter Volumes</b>   |  |
| <b>3250</b> MCF/Year for 2006      |  |
| <b>Source</b>                      | System Report: E12P02-3 Allowances Report<br>DW Query of Meter Changes for reason DR |
| <b>Definition</b>                  | Volumes not billed for meters that stopped registering usage                         |
| <b>Explanation</b>                 | When the calculated unregistered volume is 25 ccf or less, it is not rebilled        |
| <b>Calculation</b>                 |  |
| <b>Total No. of DR Txns Billed</b> | 11739 CIS report e12P02-3  |
| <b>Average Billed Txn/Meter</b>    | 2.75 Estimated   |
| <b>No. of Meters Billed</b>        | 4269 (1) ÷ (2)   |
| <b>Total No of DR meters</b>       | 6869 Per DW Query  |
| <b>No of DR Meters Not Billed</b>  | 2600 (4) - (5)   |
| <b>Usage per meter not billed</b>  | 12.5 Midpoint between 0-25<br>based on 25 ccf<br>threshold for rebilling             |
| <b>Total Usage not billed</b>      | 32500 (5) - (6)  |
| <b>Usage in MCF</b>                | 3250 (7) ÷ 10  |

SDG&E DR meter data was calculated using SoCalGas LUAF and multiplying by the ratio of contributing meter types/sizes between the two companies. The 2006 SDGE gas LUAF contribution associated with DR meters was 403 Mcf (410 MMBtu).

DR Meter gas LUAF is allocated 100% to core customers, as non-core customers DR meters are identified and fully reconciled for billing purposes.

## APPENDIX F

### No-Close Policy gas LUAF

No Close gas LUAF contribution is associated with authorized procedures which allow both companies to leave gas service active when customers vacate a premise. The gas use (typically pilot lights) at a facility between the time a customer moves out and the subsequent occupant orders gas service is not billed to any customer. The result is a significant LUAF contribution attributable to this phenomenon. The total contribution for this Policy is calculated in SoCalGas' CIS report E12P02-5 LUAF to be 477,006 MCF (492,115 MMBtu). This policy was a partial year pilot program in 1991 and the LUAF contribution much lower in that year (3,479 Mcf).

Table F-1  
Summary of CIS billing system No Close Meter Registration differentials.

|  |
|--|
| <p><b>LUAF Due to No Close Policy</b><br/> <span style="color: red;">477,005.7</span> MCF/Year for<br/> 2006</p>   |
| <p><b>Source</b><br/> System Report: E12P02-5 LUAF<br/> Report</p>   |
| <p><b>Definition</b><br/> Usage recorded by the meter at a vacant facility.</p>  |
| <p><b>Explanation of Report Categories</b></p> <p style="padding-left: 40px;">Usage between the off date and hard meter close date is recorded as "Soft Close" LUAF</p> <p style="padding-left: 40px;">Usage resulting from a leak at the meter on a vacant facility is recorded as "Leakage on an Off Meter".</p> <p style="padding-left: 40px;">Usage between the off date for one customer and On date for another customer is recorded as "LUAF"</p> <p style="padding-left: 40px;">Usage between hard meter close date and new customer on date is recorded as "Unauthorized Usage no customer to bill"</p> |

SDG&E No Close Policy LUAF contribution data was calculated using SoCalGas LUAF volumes and multiplying by the ratio of contributing meter types/sizes between the two companies. The Soft close policy impacts are symmetric for the two companies. The SDGE contribution is 59,368 Mcf. Soft Close is allocated 100% to core customers as they are the class of customer for which this policy is authorized.



## **APPENDIX G**

### **Other Estimated**

This Component is no longer considered LUAF in 2006. Corrections made to customer bills are fully reconciled as company credit/debit on gas ledgers, regardless of time skew.

**APPENDIX H**  
**Other Actual Gas Usage**

This Component is no longer characterized as gas LUAF; it is accounted for or otherwise estimated and represented as Company Use on gas ledgers.

## APPENDIX I

### Fixed-Factor Temperature Gas LUAF

Fixed Factor Temperature gas LUAF results when actual gas temperature at a customer meter is something other than 60 degrees F, the value upon which customers without temperature compensating meters are billed. In 2006 the average gas temperature at small customer meters was calculated on the SoCalGas to be 62.08 degrees, resulting in slight over-billing of small meter customers in the aggregate. The average at larger meters was 63.72. For SDG&E the temperatures for small meters averaged 61.5 degrees F, while larger fixed factor temperature meters averaged 62.79. Larger fixed factor meters, serving processes and production activity as opposed to domestic use, have less variation in delivered volumes between summer and winter than smaller meters. Their relative use does not drop off as much in summer, resulting in higher volume-weighted average gas temperatures.

#### Discussion:

The 2006 Fixed Factor Temperature LUAF contribution for SoCalGas employed the method presented in the following 1991 LUAF Measurement report Tables.

|  |               |
|--|---------------|
| Fixed-Factor Temperature UAF at Small Meters | Table 3.1.1-2 |
| Fixed-Factor Temperature UAF at Large Meters | Table 3.1.1-3 |

This method was updated with 2006 customer volume and zone gas temperature data. In the elements of Fixed-Factor Temperature at Small and Large Meters and Fixed-factor Pressure at Standard Delivery Pressure, it was determined that the methodology of 1991 was correct, but the conditions in 2006 had changed and warranted a verification that the Temperature and pressure findings were still applicable.

In regards to Fixed-factor temperature at Small and Large meters, there are now 3 Billing Zones instead of 6 Weather Zones as in 1991. The 2006 monthly volume for small and large meters for each Billing Zone and the average monthly ambient temperature for each Billing Zone were required to calculate the 2006 UAF for this element. The increase in 2006 vs. 1991 UAF (gain due to over-registration) for Fixed Factor temperature was due to an increase in the average gas temperature. The gas temperature increased from 60.6 in 1991 to 62.8 degrees F for small meters in 2006. Table I-1 below shows the 2006 volume weighted temperature calculation for each billing zone.

**Table I-1:  
Fixed Factor Temperature Zone data (small meters core size 1-3)**

| Months 2006 Size 1-3 Meters                   | Zone 1 Monthly Temp Basin | Zone 2 Monthly Temp Foothill/Central | Zone 3 Monthly Temp Mountain | Zone 1 Monthly Volume (MCF) | Zone 2 Monthly Volume (MCF) | Zone 3 Monthly Volume (MCF) |
|---|---------------------------|--------------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|
| January                                       | 57.13                     | 50.85                                | 37.88                        | 28,607,140                  | 3,113,444                   | 235,179                     |
| February                                      | 58.98                     | 53.05                                | 39.44                        | 24,775,664                  | 2,638,099                   | 209,398                     |
| March   | 54.48                     | 51.07                                | 35.13                        | 28,292,914                  | 2,805,513                   | 238,889                     |
| April   | 60.21                     | 58.28                                | 44.51                        | 19,738,166                  | 1,819,751                   | 201,971                     |
| May   | 67.25                     | 68.47                                | 53.35                        | 14,194,073                  | 1,103,071                   | 84,143                      |
| June  | 74.51                     | 75.84                                | 63.79                        | 11,894,148                  | 880,932                     | 50,682                      |
| July  | 80.47                     | 81.7                                 | 69.45                        | 10,135,585                  | 799,517                     | 40,851                      |
| August  | 75.47                     | 75.83                                | 65.23                        | 10,017,561                  | 790,645                     | 38,691                      |
| September                                     | 73.79                     | 72.21                                | 60.22                        | 10,906,293                  | 888,200                     | 49,165                      |
| October                                       | 67.07                     | 62.88                                | 50.04                        | 12,337,124                  | 1,078,415                   | 87,069                      |
| November                                      | 64.39                     | 57.35                                | 46.42                        | 16,632,589                  | 1,778,166                   | 131,505                     |
| December                                      | 56.85                     | 49.18                                | 37.35                        | 28,133,204                  | 3,250,625                   | 233,971                     |
| <b>Total Mcf each Zone</b>                    |                           |                                      |                              | <b>215,664,461</b>          | <b>20,946,378</b>           | <b>1,601,514</b>            |
| Volume weighted average zone temp (degrees F) | <b>62.78</b>              | <b>57.71</b>                         | <b>43.58</b>                 |                             |                             |                             |
| <b>Total Volumes (Mcf) of all Zones:</b>      |                           |                                      |                              |                             |                             | <b>238,212,353</b>          |
| # of Meters per Zone weighted gas temperature | 62.08                     |                                      |                              | 4,932,677                   | 450,557                     | 25,411                      |

Table I-2 shows the resulting 2006 reduction to LUAF based on this zone deviation in gas temperature from 60 degrees F. This value is -951,824 Mcf (LUAF reduction).

**Table I-2**  
**Size 1-3 Meters**

| Months 2006  | Zone 1 Monthly UAF % | Zone 2 Monthly UAF % | Zone 3 Monthly UAF % | Zone 1 Monthly UAF Volume (MCF)               | Zone 2 Monthly UAF Volume (MCF) | Zone 3 Monthly UAF Volume (MCF) |
|--|----------------------|----------------------|----------------------|---|---------------------------------|---------------------------------|
| January  | 0.555%               | 1.792%               | 4.446%               | 158867  | 55802                           | 10456                           |
| February   | 0.197%               | 1.356%               | 4.119%               | 48725   | 35760                           | 8626                            |
| March  | 1.074%               | 1.748%               | 5.026%               | 303757  | 49053                           | 12007                           |
| April  | -0.040%              | 0.332%               | 3.072%               | -7973   | 6043                            | 6205                            |
| May  | -1.376%              | -1.604%              | 1.296%               | -195299                                       | -17690                          | 1091                            |
| June   | -2.716%              | -2.958%              | -0.724%              | -323082                                       | -26057                          | -367                            |
| July   | -3.790%              | -4.008%              | -1.786%              | -384114                                       | -32047                          | -730                            |
| August   | -2.891%              | -2.956%              | -0.996%              | -289591                                       | -23372                          | -386                            |
| September  | -2.585%              | -2.296%              | -0.042%              | -281929                                       | -20390                          | -21                             |
| October  | -1.342%              | -0.551%              | 1.954%               | -165591                                       | -5944                           | 1701                            |
| November   | -0.838%              | 0.513%               | 2.683%               | -139330                                       | 9114                            | 3529                            |
| December   | 0.610%               | 2.126%               | 4.557%               | 171570  | 69120                           | 10662                           |
| Summary  | -0.512%              | 0.475%               | 3.295%               | -1,103,989                                    | 99,391                          | 52,774                          |
| <b>Weighted LUAF contribution for all zones-small meters</b> |                      |                      | <b>0.40</b>          | <b>TOTAL Small Meter LUAF Zones 1-3 (Mcf)</b> |                                 | <b>-951,824</b>                 |

Table I-3 shows temperature data for large core meter (size 4 meters and larger). These meters have a different geographic distribution and customer use profile which results in a 2006 average gas temperature of 63.72 degrees F.

**Table I-3:  
Fixed Factor Temperature gas LUAF (Large meters size core 4+)**

**2006 UAF Summary Fixed-Factor Temperature UAF at Large Meters**

| Months 2006 Size 4&up Meters                  | Zone 1 Monthly Temp Basin | Zone 2 Monthly Temp Foothill/Central | Zone 3 Monthly Temp Mountain | Zone 1 Monthly Volume (MCF) | Zone 2 Monthly Volume (MCF) | Zone 3 Monthly Volume (MCF) |
|---|---------------------------|--------------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|
| January                                       | 57.13                     | 50.85                                | 37.88                        | 8,217,370                   | 760,380                     | 18,108                      |
| February                                      | 58.98                     | 53.05                                | 39.44                        | 7,522,001                   | 685,267                     | 17,453                      |
| March   | 54.48                     | 51.07                                | 35.13                        | 8,103,237                   | 698,356                     | 19,082                      |
| April   | 60.21                     | 58.28                                | 44.51                        | 6,788,903                   | 518,655                     | 15,975                      |
| May   | 67.25                     | 68.47                                | 53.35                        | 5,828,766                   | 408,145                     | 9,444                       |
| June  | 74.51                     | 75.84                                | 63.79                        | 5,147,656                   | 400,502                     | 7,106                       |
| July  | 80.47                     | 81.7                                 | 69.45                        | 4,636,873                   | 402,008                     | 6,415                       |
| August  | 75.47                     | 75.83                                | 65.23                        | 4,626,831                   | 399,785                     | 6,484                       |
| September                                     | 73.79                     | 72.21                                | 60.22                        | 4,961,077                   | 416,496                     | 7,476                       |
| October                                       | 67.07                     | 62.88                                | 50.04                        | 5,437,476                   | 445,523                     | 9,201                       |
| November                                      | 64.39                     | 57.35                                | 46.42                        | 6,338,021                   | 552,429                     | 11,847                      |
| December                                      | 56.85                     | 49.18                                | 37.35                        | 8,066,697                   | 800,781                     | 18,701                      |
| <b>Large Meter Zone totals (Mcf)</b>          |                           |                                      |                              | <b>75,674,908</b>           | <b>6,488,327</b>            | <b>147,292</b>              |
| Volume weighted average Zone temp (degrees F) | <b>62.78</b>              | <b>57.71</b>                         | <b>43.58</b>                 |                             |                             |                             |

The associated gas LUAF gain for large meters, as shown in calculation summary Table I-4, is -587,368 Mcf.

| <b>Table I-4</b>                |                            |                            |                               |  |  |  |
|---------------------------------|----------------------------|----------------------------|-------------------------------|--|--|--|
| Months 2006<br>Size 4&up Meters | Zone 1<br>Monthly UAF<br>% | Zone 2<br>Monthly UAF<br>% | Zone 3<br>Monthly UAF<br>%    | Zone 1<br>Monthly<br>UAF Volume<br>(MCF) | Zone 2<br>Monthly<br>UAF Volume<br>(MCF) | Zone 3<br>Monthly UAF<br>Volume<br>(MCF) |
| January                         | 0.555%                     | 1.792%                     | 4.446%                        | 45634                                    | 13628                                    | 805                                      |
| February                        | 0.197%                     | 1.356%                     | 4.119%                        | 14793                                    | 9289                                     | 719                                      |
| March                           | 1.074%                     | 1.748%                     | 5.026%                        | 86998                                    | 12210                                    | 959                                      |
| April                           | -0.040%                    | 0.332%                     | 3.072%                        | -2742                                    | 1722                                     | 491                                      |
| May                             | -1.376%                    | -1.604%                    | 1.296%                        | -80199                                   | -6546                                    | 122                                      |
| June                            | -2.716%                    | -2.958%                    | -0.724%                       | -139826                                  | -11847                                   | -51                                      |
| July                            | -3.790%                    | -4.008%                    | -1.786%                       | -175726                                  | -16114                                   | -115                                     |
| August                          | -2.891%                    | -2.956%                    | -0.996%                       | -133754                                  | -11818                                   | -65                                      |
| September                       | -2.585%                    | -2.296%                    | -0.042%                       | -128244                                  | -9561                                    | -3                                       |
| October                         | -1.342%                    | -0.551%                    | 1.954%                        | -72983                                   | -2455                                    | 180                                      |
| November                        | -0.838%                    | 0.513%                     | 2.683%                        | -53093                                   | 2831                                     | 318                                      |
| December                        | 0.610%                     | 2.126%                     | 4.557%                        | 49195                                    | 17028                                    | 852                                      |
| Summary                         | -0.780%<br>UAF% Zone 1     | -0.025%<br>UAF% Zone 2     | 2.860%<br>UAF% Zone 3         | -589,948<br>Zone 1 UAF                   | -1,632<br>Zone 2 UAF                     | 4,212<br>Zone 3 UAF                      |
| <b>2006 UAF Fixed T Large</b>   |                            | <b>-587,368</b>            | <b>1991 UAF Fixed T Large</b> |  |  | <b>-1,470,933</b>                        |
| <b>2006 Vol by Zone MCF</b>     |                            | <b>82,310,527</b>          | <b>1991 Vol by Zone MCF</b>   |  |  | <b>83,268,184</b>                        |
| <b>2006 UAF % by Zone</b>       |                            | <b>-0.71%</b>              | <b>1991 UAF % by Zone</b>     |  |  | <b>-1.77%</b>                            |
| <b>2006 Avg. T Large</b>        |                            | <b>63.72 F</b>             | <b>1991 Avg. T Large</b>      |  |  | <b>69.2 F</b>                            |

Total 2006 SoCalGas Fixed Factor Temperature gas LUAF reduction for both small and large core meters combined was 1,539,192 Mcf.

SDG&E:

SDG&E gas LUAF contribution associated with Fixed Factor Temperature phenomena was calculated by applying SoCalGas Temperature zone data to SDG&E deliveries by-month to SDGE zone volumes. The computed average temperature for SDGE small meters was 61.5 degrees F, while the computed average for large meters was 62.79 degrees F. Table I-5 shows the results of the volume and zone temperature weighted calculations.

**Table I-5**  
**SDG&E 2006 LUAF Fixed Factor Temperature**  
**Analysis – Average Gas Temperature Results.**

|   |               |
|---|---------------|
| Year 2006 SDG&E Avg T (degrees F)             | 64.54         |
| Est. SDGE 2006 T vol wt Small Meters (deg F)  | 61.5          |
| <b>Est. SDGE % UAF Small Meter (1.5/520)</b>  | <b>-0.29%</b> |
| Est. SDGE 2006 T vol wt Large                 | 62.79         |
| <b>Est. SDGE % UAF Large Meter (2.79/520)</b> | <b>-0.53%</b> |



Table I-6 below shows the calculated gas LUAF associated with fixed factor temperature billing phenomena for both small and larger meters. The associated volume weighted gas LUAF reduction is shown to be -83,731 for small meters and -92,486 for large core meters for a total LUAF reduction of 176,217 Mcf.

**Table I-6**

| <b>Fixed T Small Meters</b>                             | <b>2006 Volume MCF</b> | <b>Fixed T Small UAF% SDGE 2006</b> | <b>SDG&amp;E 2006 UAF Volume Mcf</b> |
|---|------------------------|-------------------------------------|--------------------------------------|
| Small Diaphragm   | 28,709,290             | -0.29%                              | -83,257                              |
| Small Diaphragm TG<br>(Use SCG Small Meter UAF% Zone 2) | 163,518                | -0.29%                              | -474                                 |
| <b>Total Fixed T Small</b>                              | <b>28,872,808</b>      | <b>-0.29%</b>                       | <b>-83,731</b>                       |
| <b>Fixed T Large Meters</b>                             |                        |                                     |                                      |
| Large Diaphragm   | 3,441,982              | -0.53%                              | -18,243                              |
| Rotary w/o TC   | 6,769,135              | -0.53%                              | -35,876                              |
| Large Diaphragm TG                                      | 378,924                | -0.53%                              | -2,008                               |
| Rotary TG w/o TC  | 5,789,354              | -0.53%                              | -30,684                              |
| Turbine TG - no TC<br>(Use SCG Large Meter UAF% Zone 2) | 1,070,770              | -0.53%                              | -5,675                               |
| <b>Total Fixed T Large</b>                              | <b>17,450,165</b>      | <b>-0.53%</b>                       | <b>-92,486</b>                       |
| <b>SDG&amp;E UAF Fixed T 2006</b>                       | <b>46,322,973</b>      | <b>-0.38%</b>                       | <b>-176,217</b>                      |

The allocation of Fixed Factor Temperature gas LUAF reduction is 100% to core customers for both SoCalGas and SDG&E, as non-core customers are equipped with temperature compensating metering devices.

## APPENDIX J

### Fixed Factor Pressure gas LUAF

The method for calculating LUAF contribution for this component was to apply measured 2006 regulator field pressure tests results and observed biases to fix-factor metered volumes for both SDGE and SoCalGas. These volumes were obtained from the CIS and CISCO billing systems. When the actual pressure delivered to a gas meter is higher than that assumed in fixed factor billing calculations, the associated gas meter under-registers by a small amount. In 2006, the net effect was to under-register by approximately 0.1%. This was due to average regulator standard pressure accounts being served at 8.51 inches water column while billing pressure was 8.0 inches. The results constitute an update of Table 3.1.2-1 in Volume III (Accounting-P.26) of the 1991 LUAF study. Fixed Factor Pressure gas LUAF contribution in that year was 271,007.

Year 2006 findings for small meter sets were based on 631 sampled regulators from a special field study and normal QC receiving inspection test results. Observed meter pressured biases were applied to associated customer volumes.

Table J-1 below shows the net Fixed Pressure gas LUAF contribution for SoCalGas to be 312,599 Mcf in 2006.

**Table J-1**

#### 2006 UAF Summary SoCalGas Fixed-Factor Pressure for Standard Pressure and Temporary Gauge Meter Sets

| Category             | Avg Delivery Pressure (in. w.c.) | 2006 Del Vol Sample TG Sets | 2006 UAF Vol Sample Sets | Delivery Pressure Correction Factor | 2006 System Delivery Volume (MCF) | 2006 UAF Volume (MCF) |
|----------------------|----------------------------------|-----------------------------|--------------------------|-------------------------------------|-----------------------------------|-----------------------|
| Small Meters 8" w.c. | *8.51                            | n/a                         | n/a                      | 1.0012                              | 237,276,951                       | 290,892               |
| Large Meters 8" w.c. | **8.40                           | n/a                         | n/a                      | 1.0010                              | 48,073,468                        | 46,224                |
| Temporary Gauge Sets | n/a                              | 7,583,868                   | -13,600                  | 0.9982                              | 13,671,928                        | -24,518               |
| <b>2006 Totals</b>   |                                  |                             |                          | 0.10%                               | 299,022,347                       | <b>312,599</b>        |

SDG&E:

SDE&E Fixed Factor Pressure gas LUAF volumes were computed using SoCalGas and SDG&E regulator sampling results and applying them to SDG&E volumes subject to this phenomenon. The result is shown below in Table J-2 to be 50,035 Mcf.

**Table J-2**  
**2006 UAF Summary SDG&E Fixed-Factor Pressure for**  
**Standard Pressure and Temporary Gauge Meter Sets**

| <b>SDG&amp;E Fixed Factor Pressure</b>         |               |
|--|---------------|
| SDG&E Volume Fixed Factor Pressure             | 50,035,048    |
| Estimated SDG&E UAF% Fixed Factor Pressure     | 0.10%         |
| <b>SDG&amp;E UAF MCF Fixed Factor Pressure</b> | <b>50,035</b> |

The allocation of Fixed Factor Pressure gas LUAF is 100% to core customers for both SoCalGas and SDG&E, as non-core customers are equipped with pressure measuring/compensating metering devices.

## APPENDIX K

### Elevation and Barometric Pressure gas LUAF

Elevation-based LUAF gas results from the elevation where customers actually are served, in the aggregate, being slightly different than the altitude assumed in their billing “altitude zone”. When the aggregate of customers within a zone (@1000 ft or 400 foot increments) are situated at an altitude below the mean elevation of that zone (used for barometric pressure billing correction) customers on average are under-billed. When they reside above the elevation zone median, their delivered gas pressure is slightly less than assumed and thus a slight over-registration occurs. An analysis of each of SoCalGas elevation zone was performed in 1991 and discussed in Volume III (Measurement-P. 32) of the 1991 LUAF study. The associated LUAF results were contained in Tables 3.1.3-3 and 3.1.3-4 of that report. These results showed that customers were, on-average, situated slightly below their elevation zone mean resulting in higher delivery pressure than assumed.

SoCalGas 2006 data for this component was calculated by applying updated meter and load information for each Altitude Zone where statistical determination of customer elevation was performed in 1991. SoCalGas performed this update for both customers served at standard pressure and those served at above standard pressure but without site-specific barometric correction. The results are shown in Tables K-1 and K-2 for standard pressure and above standard pressure customers, respectively. Standard pressure customers are segregated into eight 1000 foot Altitude zone while above standard pressure customers are segregated into 16 zones of 400 foot increments.

Table K-1 shows the computed gas LUAF contribution of standard pressure meters to be 1,251,906 Mcf. There was a decrease in 2006 vs. 1991 UAF for Fixed Factor Elevation and Barometric Pressure due to a decrease in the volume delivered through both Standard Pressure and Above Standard Pressure meters using a fixed barometric pressure. More customers have electronic pressure correctors installed in 2006 than in 1991 and they also have site-specific barometric pressure data programmed into their correction device.

**Table K-1**  
**2006 UAF Summary Fixed-Factor Altitude Zone for Standard Pressure Meters**

| Altitude Zone | Feet Above Sea Level | No. Meters Per Zone | Recorded Volume (MCF) Per Zone | Assumed Altitude Factor For Zone | Apply 1991 Avg % UAF Per Meter In Zone | Total 2006 UAF Volume (MCF) Per Zone |
|---------------|----------------------|---------------------|--------------------------------|----------------------------------|--|--------------------------------------|
| A             | Below 1000           | 4,301,206           | 184,783,983                    | 1.000                            | 0.52%                                  | 960877                               |
| B             | 1000 – 1999          | 899,042             | 41,606,532                     | 0.968                            | 0.73%                                  | 303728                               |
| C             | 2000 – 2999          | 164,668             | 8,334,536                      | 0.935                            | -0.23%                                 | -19169                               |
| D             | 3000 – 3999          | 11,402              | 600,500                        | 0.903                            | 0.17%                                  | 1021                                 |
| E             | 4000 – 4999          | 12,453              | 685,266                        | 0.871                            | -0.65%                                 | -4454                                |
| F             | 5000 – 5999          | 12,678              | 843,134                        | 0.841                            | 0.00%                                  | 0                                    |
| G             | 6000 – 6999          | 6,191               | 386,451                        | 0.812                            | 2.44%                                  | 9429                                 |
| H             | 7000 – 7999          | 1,005               | 36,549                         | 0.782                            | 1.30%                                  | 475                                  |
|               | <b>2006 Totals</b>   | 5,408,645           | 237,276,951                    |                                  | 0.53%                                  | <b>1,251,906</b>                     |
|               | <b>1991 Totals</b>   | 4,765,459           | 320,392,311                    |                                  |  | <b>1,695,949</b>                     |

Table K-2 shows the 2006 gas LUAF contribution of above standard pressure meters as calculated by integrating the zone bias information from 1991 with 2006 customer data for the same regions. The result is a gas LUAF reduction of 46,188 Mcf for this set of customers. (They reside, in aggregate, above the mean elevation used for billing within their associated zone, resulting in measurement over-registration.)

**Table K-2**  
**2006 Fixed-Factor Elevation Zone LUAF for Above Standard Pressure Meters**

| Elevation Zone     | Feet Above Sea Level | Std Barometric Pressure (psia) | No. Meters Per Zone | 2006 Recorded Volume Per Zone (MCF) | Apply 1991 Avg % UAF Per Meter In Zone | Estimated 2006 UAF Volume Per Zone (MCF) |
|--------------------|----------------------|--------------------------------|---------------------|-------------------------------------|--|--|
| 1                  | -200 to 199          | 14.73                          | 6118                | 56,017,324                          | -0.07%                                 | -39,212                                  |
| 2                  | 200 to 599           | 14.53                          | 4263                | 35,142,218                          | 0.00%                                  | 0  |
| 3                  | 600 to 999           | 14.32                          | 2580                | 19,647,953                          | 0.01%                                  | 1,965                                    |
| 4                  | 1000 to 1399         | 14.12                          | 1199                | 16,352,454                          | -0.02%                                 | -3,270                                   |
| 5                  | 1400 to 1799         | 13.92                          | 478                 | 3,787,988                           | 0.03%                                  | 1,136                                    |
| 6                  | 1800 to 2199         | 13.72                          | 41                  | 259,599                             | 0.11%                                  | 286                                      |
| 7                  | 2200 to 2599         | 13.53                          | 216                 | 1,218,916                           | -0.12%                                 | -1,463                                   |
| 8                  | 2600 to 2999         | 13.33                          | 158                 | 6,529,214                           | 0.08%                                  | 5,223                                    |
| 9                  | 3000 to 3399         | 13.14                          | 22                  | 2,514,964                           | -0.36%                                 | -9,054                                   |
| 10                 | 3400 to 3799         | 12.96                          | 5                   | 262,429                             | -0.14%                                 | -367                                     |
| 11                 | 3800 to 4199         | 13                             | 20                  | 153,441                             | -0.06%                                 | -92                                      |
| 12                 | 4200 to 4599         | 12.59                          | 3                   | 5,678                               | -0.52%                                 | -30                                      |
| 13                 | 4600 to 4999         | 12.41                          | 6                   | 7,202                               | -0.51%                                 | -37                                      |
| 14                 | 5000 to 5399         | 12.23                          | 14                  | 433,055                             | -0.29%                                 | -1,256                                   |
| 15                 | 5400 to 5799         | 12.06                          | 3                   | 3,196                               | 0.12%                                  | 4  |
| 16                 | 5800 to 6199         | 11.89                          | 8                   | 14,256                              | -0.15%                                 | -21                                      |
| 17                 | 6200 to 6599         | 11.72                          | 0                   | 0                                   | 0.00%                                  | 0  |
| 18                 | 6600 to 6999         | 11.55                          | 0                   | 0                                   | 0.00%                                  | 0  |
| 19                 | 7000 to 7399         | 11.39                          | 0                   | 0                                   | 0.00%                                  | 0  |
|                    |                      | <b>2006 Totals</b>             | 15,134              | 142,349,887                         | -0.03%                                 | <b>-46,188</b>                           |
| <b>1991 Totals</b> |                      |                                | 15,279              | 413,752,364                         | -0.02%                                 | -92,742                                  |

The total SoCalGas gas LUAF contribution associated with both standard and above standard pressure meters is 1,205,718 Mcf (1,243,910 MMBtu). Customer class allocation is 100% to core customers, as non-core customers have site-specific barometric pressure correction factors or absolute pressure data integrated into their electronic measurement computation processes, and thus have no part in this LUAF component.

SDG&E:

SDG&E LUAF contribution due to Elevation and Barometric Pressure measurement phenomena for both standard and above standard meters is shown in Table K-3 below to be 194,497 Mcf. This figure was calculated by applying SoCalGas' Altitude A and Elevation Zone 1 biases to SDG&E volumes in comparable geographic regions.

**Table K-3**

**SDG&E Fixed Altitude Zone-standard pressure**

|   |            |
|---|------------|
| SDG&E Volume Fixed Altitude Zone (MCF)                | 39,207,013 |
| Est. SDG&E UAF% Fixed Altitude Zone A (Below 1000 ft) | 0.52%      |
| SDG&E UAF MCF Fixed Altitude Zone                     | 203,876    |

**SDGE Fixed Factor Elevation Zone Above Standard Pressure**

|   |            |
|---|------------|
| SDGE Fixed Factor Elevation Zone Volume (MCF)               | 13,398,598 |
| Est. SDGE UAF% Fixed Elevation Zone 1 (SDGE assumes Zone 1) | -0.07%     |
| SDGE UAF MCF Fixed Elevation Zone 1                         | -9,379     |

**Total SDGE UAF MCF Fixed Factor Altitude & Elevation Zone** **194,497**

The SDG&E Fixed Factor Elevation gas LUAF contribution customer allocation is 100% to core customers.

## APPENDIX L

### Fixed Factor Calculation of Super Compressibility

The 1991 Fixed Factor Calculation of Super Compressibility gas LUAF % is shown in 1991 LUAF Measurement report Table 3.1.4-2. SoCalGas' 2006 update to this Table, shown in Table L-1, incorporates a measured 2006 average gas temperature of 63.72 degrees F and a much smaller volume of customer volumes subject to this volume due to changes in employed measurement technology. Another source of improvement is better data used for N2 and CO2 factors for Super compressibility calculation. Electronic Correctors assumed 0% CO2 and N2 in 1991, while values closer to actual gas content in are now incorporated into billing processes.

Year 2006 LUAF% for Super compressibility bias was calculated and applied to the 2006 Volumes for the following two categories of meter sets where Super Compressibility is still calculated using fixed values for Temperature and Gas Quality: Temporary Gauge and Electronic Corrector-served customers. The total gas LUAF contribution related to Super compressibility factor bias is shown in Table L-1 to be a LUAF reduction of 44,947 Mcf (46,371 MMBtu).

The large decrease in 2006 vs. 1991 gas LUAF over-registration bias (425,932 vs. 44,947 Mcf) for Fixed Factor Calculation of Super Compressibility was attributable to SoCalGas' use of actual temperature, pressure and gas quality when calculating corrected volume starting in 1999 for all non-core meters sets except those with Temporary Gauges and Electronic Correctors. Thus, the volumes subject to super-compressibility calculation bias has decreased substantially.

**Table L-1  
SoCalGas Fixed Super Compressibility gas LUAF contribution**

| <b>Fixed Super Calc Meter Sets</b>                                     | <b>2006 Billing Volume (MCF)</b> | <b>2006 Calc'd %UAF</b> | <b>2006 UAF Volume (Fixed Factor Super Calc)</b> |
|--|----------------------------------|-------------------------|--|
| Temporary Gauges<br>See Note 1   | 13,671,928                       | -0.04%                  | -4,785   |
| Electronic Correctors<br>See Note 2                                    | 22,311,895                       | -0.18%                  | -40,161  |
| <b>2006 Total</b><br>(Actual T 2006 = 63.7)<br>(Billing T 2006 = 60 F) | 35,983,823                       | -0.12%                  | <b>-44,947</b>                                   |
| <b>1991 Totals</b>   | 159,387,774                      | -0.27%                  | <b>-425,932</b>                                  |

Note 1: Temporary Gauges Billing & Actual Assume SG=0.5918; N2=1.592;CO2=1.507

Note 2: Electronic Correctors Billing Assumes SG=0.6 and N2=CO2=0.0

Electronic Correctors Actual Assumes same values listed in Note 1.



**SDG&E**

SDG&E LUAF for this component was calculated by applying SoCalGas calculate bias to SDG&E volumes subject to the same measurement imperfections. The result, shown in Table L-2, is a gas LUAF reduction of -16,164 Mcf (16,445 MMBtu) for SDG&E in 2006.

**Table L-2**

|   |                |
|---|----------------|
| <b>SDG&amp;E Fixed Factor Super Compressibility</b>         |                |
| SDG&E Volume Fixed Factor Super Compressibility             | 13,469,812     |
| Estimated SDG&E UAF% Fixed Factor Super                     | -0.12%         |
| <b>SDG&amp;E UAF MCF Fixed Factor Super Compressibility</b> | <b>-16,164</b> |

The allocation of Fixed Factor Super compressibility gas LUAF is 100% to core customers for both SoCalGas and SDG&E, as non-core customers are equipped with gas quality and temperature devices used to calculate real-time compressibility factors.

## **APPENDIX M**

### **2006 UAF Estimate in Reference to 1991 Assessment PD Meter Accuracy**

#### **I. Introduction**

PD Meter is the abbreviation for Positive Displacement Meter. A PD gas meter is a diaphragm-operated or rotary device that is designed to measure a specific volume of gas in one cycle. These finite volumes are counted and displayed on the meter's index dials or counters.

PD meters are classified by three major meter groups:

1. Small diaphragm meters (up to 500 CFH or Sizes 1, 2 and 3).
2. Large diaphragm meters (500 CFH or larger, Size 4 and larger).
3. Rotary meters.

The meter accuracy, either under or over volume registration, of all 5.4 million PD meters collectively contributed a significant amount of LUAF in 2006.

#### **II. PD Meter Accuracy**

The accuracy profile is a function of the flow rate. To assess the consumption behavior of small meter accounts, SoCalGas conducted an extensive study in 1991 to identify the gas consumption volume at various flow rates for Company six weather zones. The small meter accuracy curves were also developed for a few meter types by using eight flow rates. The LUAF was derived from the integration of these two sets of data. Another LUAF contributor – no registration at low flow, was also quantified for small diaphragm meters.

At the same time, the LUAF from the large PD and rotary meters was calculated from 1991 PMC results. Volume III (Accounting-P.59) of the 1991 LUAF study discusses the PD Meter gas LUAF contribution of 2,957,299 Mcf in that year.

#### **III. 2006 Method for SoCalGas LUAF**

The 1991 LUAF study was a major company wide effort in SoCalGas and took two years to complete. It laid out a format that was used for 2006 assessment. A benefit from adopting the 1991 format was that many studies completed for the 1991 LUAF assessment were still valid for 2006. The parameters developed and used in 1991 were used in 2006. Only certain major factors had to be updated with 2006 data. The following 1991 parameters were adopted for 2006:

1. The consumption volume % vs. flow rates was unchanged.
2. The accuracy curve for various flow rates was true because the PD meter technology had not changed since 1991.
3. The no registration at low flow was true because of the same reason as (2).

#### IV. 2006 Update for SoCalGas LUAF

Similar to the 1991 study, the LUAF contributed by PD meter accuracy was the sum of two parts:

1. Small meter low flow non-registration.
2. Meter accuracy calculated from the annual Meter Performance Control Program (MPCP) testing results.

To make the assessment comparable to the 1991 results, all PD meters, their annual volume delivery, and MPCP testing results were summarized by major PD meter types. Then, the same calculation routines used in 1991 were also applied to compute the associated 2006 LUAF volumes.

#### V. 2006 Results for SoCalGas

The 2006 LUAF contributed by PD meters is summarized in the following table.

**Table M-1**

| Study Area                            | Core UAF (MCF)   | Non-Core UAF (MCF) | All Accounts UAF (MCF) |
|---------------------------------------|------------------|--------------------|------------------------|
| Small Meter Accuracy                  | -202,179         | -7                 | -202,187               |
| Small Meter Low-Flow Non-Registration | 2,596,677        | 4                  | 2,596,681              |
| Large Diaphragm Accuracy              | 921              | 1                  | 922                    |
| Rotary meter Accuracy                 | -150,654         | -283               | -150,937               |
| <b>Total PD Meter UAF</b>             | <b>2,244,765</b> | <b>-286</b>        | <b>2,244,479</b>       |

In 1991, the PD meter LUAF was 2,957,299 MCF. There was some reduction in 2006. It was due to the meter demographics changes that had occurred in the past 15 years. The following were observed in the data:

1. The tin meter population was reduced from 827,000 in 1991 to 132,000 in 2006. The tin meter was a positive LUAF contributor.
2. Aluminum meters had increased and become the dominant group in the past 15 years. The population had grown from 2.4 million in 1991 to 4.1 million in 2006. It was a negative LUAF contributor.
3. The large diaphragm meters were decreased and replaced by rotary meters in the last 15 years. The large diaphragm meters were positive LUAF contributors while rotaries were negative. However the LUAF of large PD meters was improved in 2006. It was due to two reasons:

- (a) Better testing technologies and procedures were developed for rotary meters.
- (b) Aluminum bodies replaced iron bodies for rotary meters. It improved the meter accuracy.

**VI. 2006 LUAF Assessment for SDG&E**

SDG&E has not assessed PD meter LUAF in the past. There is no format that can be adopted for 2006 update. To make a logical assessment, the SoCalGas framework was used for 2006. It is based on the following facts:

- 1. SDG&E uses the same meter technologies as SoCalGas.
- 2. Meters used by SDG&E have the same performance profile as SoCalGas’.
- 3. The consumption behavior of SDG&E’s residential customers is the same as SoCalGas’.

Table M-2 below shows the results for SDG&E.

**Table M-2**

| <b>Study Area</b>                     | <b>Core UAF (MCF)</b> | <b>Non-Core UAF (MCF)</b> | <b>All Accounts UAF (MCF)</b> |
|---------------------------------------|-----------------------|---------------------------|-------------------------------|
| Small Meter Accuracy                  | 53,388                | 0                         | 53,388                        |
| Small Meter Low-Flow Non-Registration | 371,438               | 0                         | 371,438                       |
| Large Diaphragm Accuracy              | 19,883                | 0                         | 19,883                        |
| Rotary meter Accuracy                 | 99,140                | 370                       | 99,510                        |
| <b>Total PD Meter UAF</b>             | <b>543,849</b>        | <b>370</b>                | <b>544,219</b>                |

The allocation of PD Meter LUAF is virtually 100% to core customers for both SoCalGas and SDG&E based on the 2006 volumes passing through these meters to serve each customer type.

## APPENDIX N

### Orifice Meter Accuracy

Orifice meters are used for major customer deliveries, interstate supply, local gas production (supplies) and storage gas measurement. The 1991 LUAF study Measurement Volume discusses Orifice Meter Accuracy and its LUAF contribution of 5,849,534 Mcf in that year. The 1991 results are summarized in Table N-1 below.

**Table N-1**

| <b>Orifice Meter Category</b> | <b>1991 Volume</b>   | <b>1991 UAF%</b> | <b>1991 UAF (Mcf)</b> |
|-------------------------------|----------------------|------------------|-----------------------|
| Supplier                      | 963,052,498          | 0.80%            | 7,704,420             |
| Producer                      | 95,527,528           | 0.30%            | 286,583               |
| Delivery                      | 364,526,676          | -0.58%           | -2,114,255            |
| Storage Withdrawal            | 95,290,197           | 0.33%            | 314,458               |
| Storage Injection             | 103,536,910          | -0.33%           | -341,672              |
| <b>1991 Totals</b>            | <b>1,621,933,809</b> | <b>0.36%</b>     | <b>5,849,534</b>      |

In reviewing the 1991 UAF Study (Table 3.2.2-1 of the Measurement Report) it was determined that 1991 calculated gas LUAF contributions were no longer applicable and should be recalculated for Orifice Meter Accuracy. Year 2006 supplier and customer orifice meter volumes are 50% less than what they were in 1991. The reduced volume is now being measured by ultrasonic meters. In addition, 2 of the 5 sampled supplier orifice meter runs and 11 of the 15 sampled Customer orifice meter runs in the 1991 UAF Study have been removed from service. Moreover, SoCalGas testing on a removed 12" and 16" Customer Orifice Meter tube in 2006 confirmed that both meters runs under-measured by 0.8% and 0.3% respectively. 2006 Billing Volumes for Customer, Producer, Supplier and Storage Withdrawal and Injection Meters were obtained from MCS. The 2006 Orifice Meter test results were used to calculate an estimated average orifice meter error for the different categories of orifice meters. Table N-2 below shows the 2006 contribution to LUAF by meter use category.

**Table N-2**  
**2006 Meter Accuracy Contribution to Total Measurement UAF**

| <b>Orifice Meter Category</b> | <b>2006 Volume</b> | <b>Meter Accuracy</b> | <b>UAF %</b> | <b>UAF Volume</b> |
|-------------------------------|--------------------|-----------------------|--------------|-------------------|
| Supplier                      | 620,936,012        | slow meter            | 0.62%        | 3,835,149         |
| Producer                      | 50,799,175         | slow meter            | -0.50%       | -253,996          |
| Delivery                      | 115,607,670        | slow meter            | 0.50%        | 578,038           |
| Storage Withdrawal            | 90,112,226         | slow meter            | -0.50%       | -450,561          |
| Storage Injection             | 85,743,196         | slow meter            | 0.50%        | 428,716           |
| <b>2006 Totals</b>            | <b>963,198,279</b> |                       | <b>0.43%</b> | <b>4,137,346</b>  |

SDG&E:

SDG&E allocations are based on SoCalGas' test results and SDGE 2006 volumes by meter service. Table N-3 shows the summary of these calculations and the SDG&E gas LUAF contribution of -26,052 Mcf, a net reduction in LUAF for 2006.

**Table N-3**

**SDG&E Orifice Meter Accuracy**

|  |                    |
|--|--------------------|
| SDG&E 2006 Orifice Meter Volume Supplier (UAF% = -0.5%)  | 5,453,992          |
| SDG&E 2006 Orifice Meter Volume Customers (UAF% = +0.5%) | 243,680            |
| SDG&E 2006 UAF Volume (MCF) Suppliers                    | -27,270            |
| SDG&E 2006 UAF Volume (MCF) Customers                    | 1,218              |
| <br>SDG&E 2006 UAF Volume - Orifice Meter Accuracy       | <br><b>-26,052</b> |

The allocation of orifice meter gas LUAF to customer class was based on calculations which assigned supply volumes to core and non-core by aggregate use, while the Delivery/Customer volumes were assigned exclusively to non-core customers, the only customers served by orifice meters. The results are SoCalGas non-core - 69.9%, core 30.1%; SDG&E non-core - 57.6%, core 42.4%.

## APPENDIX O

### Ultrasonic Meter Accuracy

There were no Ultrasonic Meters installed in 1991. The computation of Ultrasonic meter gas LUAF contribution was completed using the gas LUAF% meter factors shown in Table O-1 below and applying these projected meter registration deviations to 2006 volumes for all company and supplier ultrasonic meters. The UAF% factors are based on test results and industry information on the types of meters used by SoCalGas and its suppliers. Table O-1 shows over-registration on both the supply and delivery side for SoCalGas, with the net effect a 205,780 Mcf reduction to LUAF on the SoCalGas system.

**Table O-1**

| <b>Ultrasonic Meter Category</b> | <b>2006 Volume</b> | <b>Meter Accuracy</b> | <b>UAF %</b>  | <b>UAF Volume</b> |
|----------------------------------|--------------------|-----------------------|---------------|-------------------|
| Supplier (see below)             | 275,504,405        | fast meter            | 0.22%         | 597,867           |
| Delivery - Customer (see below)  | 225,360,905        | fast meter            | -0.36%        | -803,861          |
| Storage W/D Daniel Mtr PDR       | 3,270,934          | fast meter            | 0.13%         | 4,252             |
| Storage Injection Daniel Mtr PDR | 3,106,221          | fast meter            | -0.13%        | -4,038            |
| <b>2006 Totals</b>               | <b>507,242,465</b> |                       | <b>-0.04%</b> | <b>-205,780</b>   |

SDG&E:

SDG&E Ultrasonic meter LUAF contribution is based on a SoCalGas test results, specific meter activity and SDGE 2006 volumes by meter service. Table O-2 shows the summary of these calculations and the SDG&E gas LUAF contribution of 509,059 Mcf in 2006.

**Table O-2**

|   |                |
|---|----------------|
| <b>SDG&amp;E Ultrasonic Meter Data</b>                          |                |
| SDG&E 2006 Ultrasonic Meter Volume Supplier (Mcf)               | 113,952,358    |
| SDG&E 2006 Ultrasonic Meter Volume Customer (Mcf)               | 30,351,489     |
| <b>SDG&amp;E Ultrasonic Meter LUAF Contribution</b>             |                |
| SDG&E 2006 UAF Volume (MCF) Suppliers (UAF% = +0.5%)            | 569,762        |
| SDG&E 2006 UAF Volume (MCF) Customers (UAF% = -0.2%)            | <u>-60,703</u> |
| SDG&E 2006 UAF Volume Contribution from Ultrasonic Meters-total | <b>509,059</b> |

The 2006 allocation of ultrasonic meter gas LUAF to customer class is based on calculations which assigned supply volumes to core and non-core by aggregate use, while the Delivery/Customer volumes were assigned exclusively to non-core customers, the only customers served by ultrasonic meters. The results are SoCalGas - non-core - 441,216 MMBtu (credit) due to over registration, core - 228,963 MMBtu LUAF contribution. SDG&E non-core - 232,171 MMBtu, core 285,739, both LUAF contributions.

## APPENDIX P

### Turbine Meter Accuracy

Turbine meters are used by both companies to serve mainly non-core customers. Volume III (Accounting-P.99) of the 1991 LUAF study discusses Turbine Meter Accuracy and its LUAF contribution of -912,157 Mcf in that year. As in 1991, this gas LUAF component is based on the results of lab calibration tests for meters removed from service and includes field calibration (Aux factors) which now places the lab calibration bias number in the field devices to provide true zero meter registration upon installation. Table P-1 below shows the results of turbine meter tests in 2006 to average 0.39% over registration across the different types of meters. Overall these results show a slight increase from 1991.

**Table P-1  
2006 and 1991 LUAF factors for turbine meters from test data**

| SoCalGas Company  | UAF Factor<br>W/ Aux<br>Factor | UAF<br>Factor<br>W/O Aux<br>Factor | 1991 Report   | Diff         |
|-------------------|--------------------------------|------------------------------------|---------------|--------------|
| AAT-18            | -0.15%                         | -0.10%                             | -0.10%        | 0.05%        |
| AAT-30            | -0.29%                         | -0.24%                             | -0.26%        | 0.03%        |
| AAT-60            | -0.11%                         | -0.36%                             | -0.44%        | -0.33%       |
| AAT-140           | -0.69%                         | -0.27%                             | -0.45%        | 0.24%        |
| Other Types       | -0.39%                         | -0.40%                             | -0.41%        | -0.02%       |
| <b>System UAF</b> | <b>-0.39%</b>                  | <b>-0.40%</b>                      | <b>-0.34%</b> | <b>0.05%</b> |

Table P-2 below shows the integration and application of individual turbine meter species' test results to the SoCalGas customer volumes associated with these meter types. The net result is a volume-weighted 0.28% over registration for all turbine meter volumes. This equates to 797,839 in over registration and associated reduction in LUAF.

**Table P-2  
2006 Gas LUAF for SoCalGas Turbine meters by type.**

| SoCalGas Sample Meter Volumes Meter Type | 2006 Sample Meters           |                        |                             | Total 2006 System                       |                         |
|--|------------------------------|------------------------|-----------------------------|---|-------------------------|
|  | Recorded<br>Volume<br>(MSCF) | UAF<br>Volume<br>(MCF) | UAF Factor                  | Recorded<br>Volume<br>MSCF              | UAF<br>Volume<br>(MSCF) |
| AAT-18                                   | 14,726,622                   | (22,515)               | -0.15%                      | 41,271,763                              | (63,100)                |
| AAT-30                                   | 7,630,933                    | (21,877)               | -0.29%                      | 39,880,742                              | (114,335)               |
| AAT-60                                   | 10,771,986                   | (11,639)               | -0.11%                      | 37,532,194                              | (40,554)                |
| AAT-140                                  | 9,250,414                    | (63,970)               | -0.69%                      | 81,176,600                              | (561,367)               |
| Other Types                              |                              |                        | -0.28%                      | 6,600,752                               | (18,482)                |
| <b>Totals:</b>                           | <b>42,379,955</b>            | <b>(120,002)</b>       |                             | <b>206,462,051</b>                      | <b>(797,839)</b>        |
| Average Sample UAF Factor =              |                              | -0.28%                 | Average System UAF Factor = |   | -0.39%                  |
|  |                              |                        |                             | 1991 Average System UAF Factor = -0.34% |                         |



SDG&E:

San Diego Gas & Electric’s turbine meter associated LUAF was based on a similar methodology to SoCal Gas and also compensated for the fact that SDG&E does not include a meter aux factor in its field configuration. Table P-3 shows the result of 73,178 Mcf over-registration based on SDGE meter test results of 0.23% over-registration. This bias was applied to SDG&E 2006 turbine meter volumes.

**Table P3**

| SDG&E Sample Meter Volumes  | 2006 Sample Meters     |                  |            | Total 2006 System           |                   |
|-----------------------------|------------------------|------------------|------------|-----------------------------|-------------------|
|                             | Recorded Volume (MSCF) | UAF Volume (MCF) | UAF Factor | Recorded Volume MSCF        | UAF Volume (MSCF) |
| <b>Totals:</b>              | 42,403,990             | (95,967)         |            | 32,334,490                  | (73,178)          |
| Average Sample UAF Factor = | -0.23%                 |                  |            | Average System UAF Factor = | -0.23%            |

The allocation of Turbine Meter gas LUAF is 97.33% to non-core for SoCalGas and 96.69% to non-core for SDG&E based on turbine meter volumes per core vs. non-core customers. Nearly all turbine meters serve non-core customers in both companies.

## APPENDIX Q

### Instrument Calibration Bias Gas LUAF Component

Electronic instruments are used on approximately 10,000 SoCalGas customer accounts to correct for temperature, pressure and/or gas quality. The calibration of these devices can shift between scheduled calibration periods. Instrument Calibration Bias gas LUAF contribution is calculated from actual field audits performed in 2006 (using “as-found” data) for customer, supplier and storage meters where electronic correction is performed, and now includes the sub-component Ambient Temperature Effect on Instrumentation.

Table Q-1 shows the result of SoCalGas’ calibration as-found results by major instrument type in 2006. This table also contains the volumes served by these instruments and the calculated contribution to LUAF in 2006. The SoCalGas total is -261,961 Mcf, a net LUAF reduction.

**Table Q-1**

| Customer Other than orifice and ultrasonic: |                    |               | error%       |
|---|--------------------|---------------|--------------|
| Temporary Gauges                            | 15,486,336         | -2,113        | -0.01%       |
| MINI-AT                                     | 82,152,739         | 99,424        | 0.12%        |
| ECAT  | 42,501,793         | -44,167       | -0.10%       |
| TOC   | 52,022,099         | -9,403        | -0.02%       |
| OMNI  | 72,462,221         | 31,254        | 0.04%        |
| Totalflow                                   | 58,766,964         | -4,923        | -0.01%       |
| GM  | 2,700,154          | -2,713        | -0.10%       |
| <b>Subtotal</b>                             | <b>326,092,307</b> | <b>67,359</b> | <b>0.03%</b> |

  

| Ultrasonic Meters |                    |                |              |
|-------------------|--------------------|----------------|--------------|
| Supplier          | 275,504,405        | 118,828        | -0.04%       |
| Customer          | 225,360,904        | 97,200         | 0.04%        |
| <b>Subtotal</b>   | <b>500,865,309</b> | <b>-21,627</b> | <b>0.00%</b> |

  

| Orifice Meters  |                    |                |               |
|-----------------|--------------------|----------------|---------------|
| Supplier        | 620,936,012        | 335,325        | -0.05%        |
| Producer        | 50,799,175         | -27,433        | -0.05%        |
| Customer        | 115,607,670        | 62,432         | 0.05%         |
| <b>Subtotal</b> | <b>787,342,857</b> | <b>300,326</b> | <b>-0.04%</b> |

  

| Ultrasonic Meters    |                  |           |              |
|----------------------|------------------|-----------|--------------|
| Injection            | 3,106,221        | -1,340    | -0.04%       |
| Withdrawal/Injection | 3,270,934        | 1,411     | 0.04%        |
| <b>Subtotal</b>      | <b>6,377,155</b> | <b>71</b> | <b>0.00%</b> |

|                      |                      |                |               |               |
|----------------------|----------------------|----------------|---------------|---------------|
| Orifice Meters       |                      |                |               |               |
| Injection            | 85,743,196           | -46,304        |               | -0.05%        |
| Withdrawal/Injection | 90,112,226           | 38,866         |               | 0.05%         |
| <b>Subtotal</b>      | <b>175,855,422</b>   | <b>-7,438</b>  |               | <b>0.00%</b>  |
| <b>Total</b>         | <b>1,796,533,050</b> | <b>261,961</b> | <b>Wt Avg</b> | <b>0.015%</b> |

The SoCalGas allocation is 99% to the non-core customer class based on weighted delivered volume considerations. Core allocation is 1%.

**SDG&E:**

SoCalGas' average recorded instrument error of 0.015% (over-registration) was applied to associated SDG&E customer and supply meters to compute the 2006 Instrument Bias gas LUAF component for SDG&E. There are many similar electronic instruments used between the companies. The results are shown in the Table Q-2 below to be an 11,325 Mcf reduction to gas LUAF. The allocation is 89% to the non-core customer class based on weighted volume considerations. Core allocation is 11%.

**Table Q-2**  
**SDGE instrument bias**

| SD Instrument Volumes |                  |                 | Split                   |             |
|-----------------------|------------------|-----------------|-------------------------|-------------|
| Noncore               |                  | 68,460,246      | Noncore                 | 89.04%      |
| Core                  | Rotary TG w/ TC  | 4,425,025       | Core                    | 10.96%      |
| Core                  | Rotary w/Instrum | 2,641,777       | Total                   |             |
| Core                  | Rotary w/TC      | 286,606         |                         |             |
| Core                  | Turbine          | 1,070,770       |                         |             |
| Total                 |                  | 76,884,424      | Groups with Instruments | 76,884,424  |
| Bias                  |                  | -0.015%         | Core Standard Groups    | 39,207,012  |
| Error                 |                  | (11,325)        | Total MCF               | 116,091,437 |
| <b>LUAF</b>           |                  | <b>(11,325)</b> |                         |             |

**APPENDIX R**  
**Ambient Temperature Effect on Instrumentation**

Ambient Temperature Effect on Instrumentation – Ambient temperature effect is now included in the subcomponent “Instrument Calibration Bias” for both companies.

## **APPENDIX S**

### **Chart Integration Bias**

Measurement pen chart technology has been replaced by electronic measurement for both SoCalGas and SDG&E since 1991. There is no 2006 measurement component for either company.

## APPENDIX T/U

### Distribution and Transmission Leakage

This Appendix contains the results for both Distribution and Transmission gas LUAF leakage calculations for SoCalGas and SDG&E in 2006. This is leakage resulting from pipeline gas escape and gas blow-by events from gas compression operations which are otherwise neither metered nor form-reported for inclusion as “Company Use” in SDG&E's and SoCalGas' accounting systems.

Raw Data Sets for Distribution and Transmission and distribution pipeline leak contribution to gas LUAF are shown in Table T/U-1.

**Table T/U-1**  
SoCalGas/SDG&E Base Leak data and volumetric LUAF contribution.

| DATA SETS |  |        |       | DATA NOTES:  |
|-----------|--|--------|-------|--|
| Item      | Description  | value  | unit  |  |
| A         | SoCalGas Transmission Line Miles from 1991 LUAF report           | 4000   | miles | report rounded to 4000   |
| B         | SoCalGas Transmission Line Miles from 2006 Annual Report to CPUC | 3926   | miles |  |
| C         | SoCalGas Distribution main miles 2006 Annual CPUC report         | 46711  | miles |  |
| D         | SDGE Transmission Line Miles from 2006 Annual Report to CPUC     | 240    | miles |  |
| E         | SDGE Distribution main miles 2006 Annual CPUC report             | 8189   | miles |  |
| F         | 1991 SoCalGas Transmission pipeline leak volume                  | 9135   | Mcf   |  |
| G         | 2006 Transmission Compressor Station Leakage (Mejia)             | 20789  | Mcf   | 2006 runtime with 1991 factors per unit                            |
| H         | 2006 SDGE Compressor Station Leakage (Mejia)                     | 1129   | Mcf   | 2006 runtime with SCG 1991 factors per comparable SCG unit in 1991 |
| I         | 2006 Distribution Leak data - Gas Engineering (Schneider/Newton) | 566861 | Mcf   | 2006 newly developed data-Gas Engineering report                   |

Updated 2006 calculations for leakage associate with compressor station operation for both SDG&E and SoCalGas are show in Table T/U-2. This Table shows the 2006 run hours for each station and the hourly leak factors used to calculate leakage for each company. The results show the SoCalGas gas LUAF contribution to be 20,789 Mcf from compressor station operation, while the SDG&E sub-component is 1129 Mcf.

**Table T/U-2**

Compressor Station 2006 Leak Contributions to LUAF in MCF- SoCalGas and SDG&E

|   | CFH/Unit | 2006 hours | MCF Gas      |
|---|----------|------------|--------------|
| <b><u>Turbines</u></b>                  |          |            |              |
| Kelso                                   | 1,824    | 851        | 1552         |
| Cactus City                             | 1200     | 0          | 0            |
| Desert Center                           | 1500     | 0          | 0            |
| Adelanto                                | 2150     | 0          | 0            |
| Wheeler Ridge                           | 91.2     | 4569       | 417          |
|   |          | Turbines = | 1969         |
| <b><u>Reciprocating Compressors</u></b> |          |            |              |
| South Needles                           | 240.1    | 39482      | 9480         |
| North Needles                           | 380      | 5320       | 2022         |
| Newberry                                | 240.1    | 27164      | 6522         |
| Blythe                                  | 38       | 16690      | 634          |
| Ventura High-P                          | 34       | 4789       | 163          |
| Ventura Low-P                           | 3        | 0          | 0            |
| Sylmar                                  | 34       | 0          | 0            |
| <b>SoCalGas Total:</b>                  |          | 98865      | <b>20789</b> |
| <b><u>SDGE</u></b>                      |          |            |              |
| Moreno -recip                           | 38       | 9410       | 358          |
| Moreno-Turb                             | 91.2     | 8393       | 765          |
| Rainbow                                 | 38       | 149        | 5.662        |
| <b>SDGE Total</b>                       |          | 17952      | <b>1129</b>  |

Table T/U-3 shows the 2006 compilation results for Transmission and Distribution leakage for both SDG&E and SoCalGas. The SoCalGas Distribution leak total (566,861 Mcf) is taken directly from a Gas Engineering report using updated 2006 pipeline leakage data. SDG&E distribution leakage was computed by scaling the SoCalGas result using relative distribution pipeline mileage between the two companies. The SDG&E 2006 result for distribution leakage gas LUAF contribution is 99,378 Mcf.

The total Transmission Leak gas LUAF component is the sum of compressor station leakage and computed transmission line leakage for each company. The totals are shown below under items 3 and 4 as 29,755 Mcf for SoCalGas and 2,948 Mcf for SDG&E.

**Table T/U-3**

| Item | LUAF Component in 2006         | Value   | Unit | Notes on Calculation/Source  |
|------|--------------------------------|---------|------|--|
| 1    | SoCalGas Distribution Leak Mcf | 566,861 | Mcf  | Data from Gas Engineering 2006 Calculation   |
| 2    | SDGE Distribution Leak Mcf     | 99,378  | Mcf  | Use SCG 2006 calc and apportion based on Distribution Main miles SDGE/SC   |
| 3    | SoCalGas Transmission Leak Mcf | 29,755  | Mcf  | Compressor Station Plus Pipeline Use 1991 factors with 2006 runtime Use SCG and ratio of SDGE/SCG transmission line mileage and new 2006 |
| 4    | SDGE Transmission Leak Mcf     | 2,948   | Mcf  | Compressor run time with 1991 factors  |

Allocation of system leak gas LUAF contribution to customer class is based on which pipelines are used to serve customers on a volume-weighted basis. Transmission leakage is a component fully shared by core and non-core customer classes based on the ratio of delivered energy to these customer classes (every customer essentially uses transmission lines.) The allocations for transmission leakage are SDG&E: core- 40.55%, non-core 59.55%; SoCalGas: core - 37.1%, non-core - 62.9%.

Distribution leak allocation is based on the proportion of customer volumes which are served via distribution lines. All core customers and a subset of non-core customers are served by distribution pipelines. The allocation for distribution leakage is 76.48% core and 23.52% non-core for both companies.



## APPENDIX V

### Theft

Two calculation methods were used in the 1991 study and the method with the larger amount of LUAF was chosen. After updating these calculations for customer growth and other factors, an average of the two calculation methods was used for this revision resulting in a slight decrease in the percentage of this sub-component. This component was estimated for SDG&E based on SoCalGas' proportion of LUAF for the same category using SDG&E volumes. Table V-1 below shows the SoCalGas result to be 397,288 Mcf while Table V-2 shows the SDGE component to be 54,134 Mcf.

**Table V-1  
SDG&E Theft Calculation Sheet**

|                               | <u>Residential</u> |           | <u>Non-Residential</u> |         |
|-------------------------------|--------------------|-----------|------------------------|---------|
|                               | 1991               | 2006      | 1991                   | 2006    |
| Customers                     | 4,430,000          | 5,367,739 | 218,669                | 268,556 |
| customers who steal           | 3,207              | 3,886     | 592                    | 728     |
| % customers who steal         | 0.072%             | 0.072%    | 0.271%                 | 0.271%  |
| Ave Gas Stolen/convicted cust | 71.4               | 69.24     | 333.3                  | 176.23  |
| Total Stolen MCF              | 228,980            | 269,067   | 197,460                | 128,221 |
| Percent of Total              | 54%                | 68%       | 46%                    | 32%     |
| <b>2006 Total Stolen MCF</b>  | <b>397,288</b>     |           |                        |         |

**Table V-2  
SDG&E Theft Calculation Sheet**

|                                  | <b>Residential</b>    |                    | <b>Non-Residential</b> |                    |
|----------------------------------|-----------------------|--------------------|------------------------|--------------------|
|                                  | <b>SoCal<br/>1991</b> | <b>SD<br/>2006</b> | <b>SoCal<br/>1991</b>  | <b>SD<br/>2006</b> |
| Customers                        | 4,430,000             | 802,140            | 218,669                | 29,167             |
| customers who steal              | 3,207                 | 581                | 592                    | 79                 |
| % customers who steal            | 0.072%                | 0.072%             | 0.271%                 | 0.271%             |
| Ave Gas Stolen/convicted<br>cust | 71.4                  | 69.24              | 333.3                  | 176.23             |
| Total Stolen MCF                 | 228,980               | 40,209             | 197,460                | 13,926             |
| Percent of Total                 | 54%                   | 74%                | 46%                    | 26%                |

**Total Stolen MCF                    54,134**

Residential theft was assigned to core market while non-residential theft has been allocated to non-core customers for both companies. The results are: SoCalGas Core - 68%, non-core 32%; SDG&E core 74%, non-core 26%.

**APPENDIX W**

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