

**APPLICATION OF SOUTHERN CALIFORNIA GAS COMPANY &  
SAN DIEGO GAS & ELECTRIC COMPANY FOR AUTHORITY TO REVISE THEIR  
NATURAL GAS RATES AND IMPLEMENT STORAGE PROPOSALS EFFECTIVE  
JANUARY 1, 2020 IN THE TRIENNIAL COST ALLOCATION PROCEEDING**

**(A.18-07-024)**

**(DATA REQUEST CAL ADVOCATES-DR-026)**

**DATA RECEIVED: 12-18-18**

**DATE RESPONDED: 01-14-19**

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**The following data request questions pertain to Chapter 3 of the Applicants testimony, the Prepared and Direct Testimony of Rose-Marie Payan.**

**QUESTION 1:**

Assuming 2017 actual recorded weather is the average year weather design, please re-run the model to generate how the forecast would change given this assumption.

- a) Provide an excel table comparing the 2017 weather results to the results provided in Chapter 3 of the Applicants' testimony.

**RESPONSE 1:**

Applicants assume that the term "model" herein refers exclusively to the End Use Model for this response.

The table below shows the requested comparison of the forecast prepared under an average year weather design and the forecast at the observed 2017 actual weather for SoCalGas and SDG&E. For SoCalGas, NGV, Gas A/C and Gas Engine are not weather sensitive market segments. For SDG&E, NGV is not a weather sensitive market segment. The re-estimation only affects a change in the G-10 and GN-3 segments for SoCalGas and SDG&E, respectively.

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**Composition of SoCalGas Throughput (Mth)**

At Average Year Weather Design (Hdd=1,320)

|                      | <u>2020</u> | <u>2021</u> | <u>2022</u> | 3-Year Average (2020-2022) |
|----------------------|-------------|-------------|-------------|----------------------------|
| Non Residential Core |             |             |             |                            |
| Core G-10            | 1,013,303   | 994,178     | 970,636     | 992,706                    |
| Gas A/C              | 416         | 416         | 416         | 416                        |
| Gas Engine           | 22,302      | 22,302      | 22,302      | 22,302                     |
| NGV                  | 169,332     | 178,598     | 188,377     | 178,769                    |

|                            |           |           |           |           |
|----------------------------|-----------|-----------|-----------|-----------|
| Total Non-Residential Core | 1,205,353 | 1,195,494 | 1,181,731 | 1,194,193 |
|----------------------------|-----------|-----------|-----------|-----------|

**Composition of SoCalGas Throughput (Mth)**

At Actual Weather for Calendar Year 2017 (Hdd=962.8)

|                      | <u>2020</u> | <u>2021</u> | <u>2022</u> | 3-Year Average (2020-2022) |
|----------------------|-------------|-------------|-------------|----------------------------|
| Non Residential Core |             |             |             |                            |
| Core G-10            | 960,755     | 941,631     | 918,087     | 940,158                    |
| Gas A/C              | 416         | 416         | 416         | 416                        |
| Gas Engine           | 22,302      | 22,302      | 22,302      | 22,302                     |
| NGV                  | 169,332     | 178,598     | 188,377     | 178,769                    |

|   |           |           |           |           |
|---|-----------|-----------|-----------|-----------|
| Total Non-Residential Core                | 1,152,805 | 1,142,947 | 1,129,182 | 1,141,645 |
| (% Difference in totals vis-à-vis Avg Yr) | -4.4%     | -4.4%     | -4.4%     | -4.4%     |
| (% Difference in G-10 vis-à-vis Avg Yr)   | -5.2%     | -5.3%     | -5.4%     | -5.3%     |

**Composition of SDGE Throughput (Mth)**

At Average Year Weather Design (Hdd=1,246)

|                      | <u>2020</u> | <u>2021</u> | <u>2022</u> | 3-Year Average (2020-2022) |
|----------------------|-------------|-------------|-------------|----------------------------|
| Non Residential Core |             |             |             |                            |
| Core GN-3            | 195,951     | 195,005     | 193,377     | 194,778                    |
| NGV                  | 22,471      | 24,090      | 25,826      | 24,129                     |

|                            |         |         |         |         |
|----------------------------|---------|---------|---------|---------|
| Total Non-Residential Core | 218,422 | 219,095 | 219,203 | 218,907 |
|----------------------------|---------|---------|---------|---------|

**Composition of SDGE Throughput (Mth)**

At Actual Weather for Calendar Year 2017 (Hdd=753.89)

|                      | <u>2020</u> | <u>2021</u> | <u>2022</u> | 3-Year Average (2020-2022) |
|----------------------|-------------|-------------|-------------|----------------------------|
| Non Residential Core |             |             |             |                            |
| Core GN-3            | 180,610     | 179,662     | 178,031     | 179,434                    |
| NGV                  | 22,471      | 24,090      | 25,826      | 24,129                     |

|   |         |         |         |         |
|---|---------|---------|---------|---------|
| Total Non-Residential Core                | 203,081 | 203,752 | 203,857 | 203,563 |
| (% Difference in totals vis-à-vis Avg Yr) | -7.0%   | -7.0%   | -7.0%   | -7.0%   |
| (% Difference in GN-3 vis-à-vis Avg Yr)   | -7.8%   | -7.9%   | -7.9%   | -7.9%   |

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The Excel formatted file showing the estimation results under the different weather assumptions is attached here. The SoCalGas and SDG&E results are shown in separate tabs of the attached file.



Question1\_DR  
026.xlsx

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**QUESTION 2:**

Assuming 2018 actual recorded weather is the average year weather design, please re-run the model to generate how the forecast would change given this assumption.

- a) Provide an excel table comparing the 2018 weather results to those in Chapter 3 of the Applicants' testimony.

**RESPONSE 2:**

Applicants assume that the term "model" herein refers exclusively to the End Use Model for this response.

The table below shows the requested comparison of the forecast prepared under an average year weather design and the forecast at the observed 2018 actual weather for SoCalGas and SDG&E. For SoCalGas, NGV, Gas A/C and Gas Engine are not weather sensitive market segments. For SDG&E, NGV is not a weather sensitive market segment.

The re-estimation only affects a change in the G-10 and GN-3 segments for SoCalGas and SDG&E, respectively.

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**Composition of SoCalGas Throughput (Mth)**

At Average Year Weather Design (Hdd=1,320)

|                                   | <u>2020</u>      | <u>2021</u>      | <u>2022</u>      | 3-Year Average (2020-2022) |
|-----------------------------------|------------------|------------------|------------------|----------------------------|
| Non Residential Core              |                  |                  |                  |                            |
| Core G-10                         | 1,013,303        | 994,178          | 970,636          | 992,706                    |
| Gas A/C                           | 416              | 416              | 416              | 416                        |
| Gas Engine                        | 22,302           | 22,302           | 22,302           | 22,302                     |
| NGV                               | 169,332          | 178,598          | 188,377          | 178,769                    |
| <b>Total Non-Residential Core</b> | <b>1,205,353</b> | <b>1,195,494</b> | <b>1,181,731</b> | <b>1,194,193</b>           |

**Composition of SoCalGas Throughput (Mth)**

At Actual Weather for Calendar Year 2018 (Hdd=1,016.7)

|   | <u>2020</u>      | <u>2021</u>      | <u>2022</u>      | 3-Year Average (2020-2022) |
|---|------------------|------------------|------------------|----------------------------|
| Non Residential Core                    |                  |                  |                  |                            |
| Core G-10                               | 968,684          | 949,559          | 926,016          | 948,086                    |
| Gas A/C                                 | 416              | 416              | 416              | 416                        |
| Gas Engine                              | 22,302           | 22,302           | 22,302           | 22,302                     |
| NGV                                     | 169,332          | 178,598          | 188,377          | 178,769                    |
| <b>Total Non-Residential Core</b>       | <b>1,160,734</b> | <b>1,150,875</b> | <b>1,137,111</b> | <b>1,149,573</b>           |
| (% Difference vis-à-vis Avg Yr)         | -3.7%            | -3.7%            | -3.8%            | -3.7%                      |
| (% Difference in G-10 vis-à-vis Avg Yr) | -4.4%            | -4.5%            | -4.6%            | -4.5%                      |

**Composition of SDGE Throughput (Mth)**

At Average Year Weather Design (Hdd=1,246)

|                                   | <u>2020</u>    | <u>2021</u>    | <u>2022</u>    | 3-Year Average (2020-2022) |
|-----------------------------------|----------------|----------------|----------------|----------------------------|
| Non Residential Core              |                |                |                |                            |
| Core GN-3                         | 195,951        | 195,005        | 193,377        | 194,778                    |
| NGV                               | 22,471         | 24,090         | 25,826         | 24,129                     |
| <b>Total Non-Residential Core</b> | <b>218,422</b> | <b>219,095</b> | <b>219,203</b> | <b>218,907</b>             |

**Composition of SDGE Throughput (Mth)**

At Actual Weather for Calendar Year 2018 (Hdd=785.171)

|   | <u>2020</u>    | <u>2021</u>    | <u>2022</u>    | 3-Year Average (2020-2022) |
|---|----------------|----------------|----------------|----------------------------|
| Non Residential Core                    |                |                |                |                            |
| Core GN-3                               | 181,584        | 180,636        | 179,015        | 180,412                    |
| NGV                                     | 22,471         | 24,090         | 25,826         | 24,129                     |
| <b>Total Non-Residential Core</b>       | <b>204,055</b> | <b>204,726</b> | <b>204,841</b> | <b>204,541</b>             |
| (% Difference vis-à-vis Avg Yr)         | -6.6%          | -6.6%          | -6.6%          | -6.6%                      |
| (% Difference in GN-3 vis-à-vis Avg Yr) | -7.3%          | -7.4%          | -7.4%          | -7.4%                      |

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Question  
2\_DR\_026.xlsx

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**QUESTION 3:**

Please re-run the model to generate how the forecast would change given the following assumptions:

- a) Updated the model drivers with the most recent data for 2018<sup>1</sup>;
- b) Use 2017 actual weather as average year weather design.
- c) Please provide an Excel table comparing these results to those provided in Chapter 3 of the Applicants' testimony.

**RESPONSE 3:**

Applicants object on the ground that this data request is overbroad and unduly burdensome.

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<sup>1</sup> The version of this data request submitted by Cal Advocates reference 2017. Following a discussion on January 10, 2018, Cal Advocates clarified that the data request meant to reference 2018.

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**QUESTION 4:**

Please re-run the model to generate how the forecast would change given the following assumptions:

- a) The model drivers with the most recent data for 2017 & 2018;
- b) Use 2018 actual weather as average year weather design.
- c) Provide an Excel table comparing these results to those provided in Chapter 3 of the Applicants' testimony.

**RESPONSE 4:**

Applicants object on the ground that this data request is overbroad and unduly burdensome.

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**QUESTION 5:**

For the years 2015 – 2018 of the Gas Exchange Forecast, please provide this data in an active Excel spreadsheet.

**RESPONSE 5:**

Response provided January 18, 2019

The attachment contains information that is confidential and protected pursuant to D.17-09-023 and the accompanying confidentiality declaration.



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**QUESTION 6:**

Please provide the updated or the most recent core brokerage fee study.

**RESPONSE 6:**

Please see attached.



Brokerage Fee  
Study\_CalAdv\_DR\_026.