

**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-052)**

**DATA RECEIVED: 3-13-19**

**DATE RESPONDED: 3-27-19**

**QUESTION 1:**

In the Chapter 12 workpapers of Mr. Chaudhury, the Applicants present the residential bill impact analysis with a focus on the CARE gas customers. The bill impact analysis presents four usage scenarios for CARE customers: 10th percentile, median usage, average usage, and 90th percentile usage. Footnote 45 on page 19 of Chapter 12 Testimony states that “As of December 2017, SoCalGas and SDG&E had 1,552,775 and 172,013 CARE customers, respectively. In Response to DR-023, the Applicants provide residential bill impact analysis for Non-CARE customers under the same four usage scenarios. Please respond below:

- (a) For SoCalGas and SDG&E, please provide both the number and percentage of CARE customers whose usage falls within each of the usage categories described in Testimony as of December 2017.
- (b) Please state whether the count of CARE customers in item (a) includes all residential CARE customers regardless of whether they are in single detached homes, or in multifamily homes, or are customers of small master metered complexes.
- (b) For SoCalGas and SDG&E, please provide the number and percentage of NonCARE customers whose usage falls within each of the usage categories described as of December 2017.

**RESPONSE 1:**

(a)

<b><u>SoCalGas CARE</u></b>				<b><u>SDG&amp;E CARE</u></b>			
	December Usage for Category (therms)	% of Customers Below Categoray Usage	# of Customers Below Categoray Usage		December Usage for Category (therms)	% of Customers Below Categoray Usage	# of Customers Below Categoray Usage
10th Percentile	7	10%	155,278	10th Percentile	5	10%	17,201
Median	25	50%	776,388	Median	19	50%	86,007
Average	30	63%	978,248	Average	22	61%	104,928
90th Percentile	56	90%	1,397,498	90th Percentile	41	90%	154,812
Total	N/A	N/A	1,552,775	Total	N/A	N/A	172,013

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(b) The CARE numbers provided in (a) are for individually metered (bundled and Core Aggregation Transportation service) residential customers only. They include all individually metered residential CARE customers regardless of whether they are in single detached homes or in multifamily homes. They do not include residential customers of small master metered complexes.

(c)

<b>SoCalGas Non-CARE</b>				<b>SDG&amp;E Non-CARE</b>			
	December Usage for Category (therms)	% of Customers Below Categoray Usage	# of Customers Below Categoray Usage		December Usage for Category (therms)	% of Customers Below Categoray Usage	# of Customers Below Categoray Usage
10th Percentile	7	10%	381,708	10th Percentile	7	10%	64,996
Median	26	50%	1,908,541	Median	21	50%	324,978
Average	34	66%	2,519,274	Average	27	65%	422,471
90th Percentile	65	90%	3,435,374	90th Percentile	52	90%	584,960
Total	N/A	N/A	3,817,082	Total	N/A	N/A	649,955

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**QUESTION 2:**

In Response to CalAdvocates DR-023, SoCalGas and SDG&E provide in Attachment 1 the results of the various scenario analysis requested. Please provide full instructions on how to replicate the results of the transportation rates shown in Attachment 1 based on:

- (a) Changes to the amount of the residential fixed monthly customer charges;
- (b) Changes to the amount of the residential minimum bill.

**RESPONSE 2:**

**(a) Instructions for changes to the amount of the residential fixed monthly customer charges:**

- 1) Open the following workpapers: 2020 TCAP SCG RD Model.xls, 2020 TCAP SDGE RD Model.xls, SCG 2020TCAP Submeter Credit.xls, SDGE 2020TCAP Submeter Credit.xls (these files are linked).
- 2) For each scenario, change the SoCalGas residential fixed monthly customer charge in 2020 TCAP SCG RD Model.xls, tab: Model Input, cell D210.
- 3) Change the SDG&E residential fixed monthly customer charge in 2020 TCAP SCG RD Model.xls, tab: Model Input, cell D213.
- 4) For each scenario, enter the proposed residential fixed customer charge in SCG 2020TCAP Submeter Credit.xlsm, tab: SCG-Submeter Credit, cell D81 to calculate submeter credits in cell D89 and cell F89.
- 5) For each scenario, enter the proposed residential fixed customer charge in SDGE 2020TCAP Submeter Credit.xlsm, tab: SDG&E GT Submeter, cell D51, and tab: SDG&E GS Submeter, cell D50 to calculate submeter credits in cell C57 and cell C56.
- 6) For each scenario, enter the SoCalGas submeter credits calculated in step 4 in 2020 TCAP SCG RD Model.xls, tab: Model Input, cell D244 and cell D245.
- 7) For each scenario, enter the SDG&E submeter credits calculated in step 5 in 2020 TCAP SCG RD Model.xls, tab: Model Input, cell D274 and cell D275.

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**(b) Instructions for changes to the amount of the residential minimum bill:**

- 1) Open the following workpapers: 2020 TCAP SCG RD Model.xls, 2020 TCAP SDGE RD Model.xls.
- 2) Fill in the SDG&E minimum bill amount in 2020 TCAP SCG RD Model.xls, tab: Model Input, cell D213.
- 3) Enter the associated estimated revenue to be collected from the minimum bill scenario selected in step 2 (from the table below) in 2020 TCAP SDGE RD Model.xls, tab: Res Rate, cell D129.

Residential Minimum Bill	\$5.00	\$10.00	\$15.00	\$20.00
SDGE Minimum Bill Revenue (\$000)	\$2,642	\$11,326	\$29,851	\$56,335

- 4) For calculating SDG&E submeter credits, copy cells G274:G275 to cells D274:D275 in 2020 TCAP SCG RD Model.xls, tab: Model Input.