

**CFC DATA REQUEST**  
**CFC-Sempra-2019 #10**  
**SOCALGAS 2019 GRC – A.17-10-008**  
**SDG&E 2019 GRC – A.17-10-007**  
**DATE RECEIVED: MARCH 27, 2018**  
**DATE RESPONDED: APRIL 11, 2018**

1. In SCG-02, Figure 12 of the Accenture Report (SCG-02, Appendix C) illustrates "the executive decision-making process for prioritizing and approving projects in an Investment

Portfolio." For the Financial & Operations Planning Group, step #1 of the process is described as "Planning Group develops budget targets based on 5-year strategic plan with approvals from Capital Committees and the EFC"; step #2 is shown as "Planning Group comes up with capital budget based on GRC revenue requirement."

a. Please describe how the Planning Group develops budget targets, and in particular, what limitations, if any, it applies as a maximum annual budget increase.

**SDG&E and SoCalGas Response 01:**

SDG&E/SoCalGas does not set a "maximum annual budget increase" per se. Rather, capital spend targets are established at levels that will maintain ratebase within authorized levels throughout the rate case cycle, while providing adequate capital to fund projects necessary to provide safe, clean, and reliable energy to our customers.

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2. SCG-01, pages JBL-10 and JBL-11, discuss the importance of RAMP to the GRC applications:

"Past safety projects are part of the total rate base. Therefore, the RAMP incremental spending of approximately \$272 million (~57%) focuses on this GRC cycle, test year 2019, and the revenue requirement increase that is related to RAMP. Of the RAMP costs, about \$56 million is capital (~21%), and \$216 million is O&M expenses (~79%). Examples of RAMP projects include PSEP, TIMP, DIMP, SIMP, and Records and Information Management activities. PSEP is a mitigation to the RAMP risk of a high-pressure pipeline incident and is a major driver of the 57% representing RAMP-related costs in the total 2019 GRC increase at SoCalGas."

Page 38 of D.14-12-025 describes the purpose of RAMP filings:

"The purpose of the RAMP filing will be to review the utility's RAMP submission for consistency and compliance with its prior S-MAP, and to determine whether the elements contained in the RAMP submission can be used in the utility's GRC filing to support its position on the assessment of its safety risks, and how it plans to manage, mitigate, and minimize those risks in the context of the utility's upcoming GRC application filing. The utility's RAMP submission shall contain the information that the Refined Straw Proposal has described, as summarized above."

The pages preceding this statement include the following description of the recommended content of utility risk mitigation plans:

"The utility's risk mitigation plan, including an explanation of how the plan takes into account: Utility financial constraints; Execution Feasibility; Affordability Impacts; Any other constraints identified by the utility."

a. How does the Sempra RAMP address Affordability Impacts? Please explain.

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**SDG&E and SoCalGas Response 02:**

As explained in the response to CFC-SEU-Data Request 005 Question 3, “SDG&E and SoCalGas were thoughtful when developing mitigation plans as presented in the RAMP and considered constraints, including affordability, when doing so. SoCalGas and SDG&E then integrated the RAMP mitigations into the GRC, as described in the Direct Testimony of Jamie York (Exhibit SCG-02-R/SDG&E-02-R, Chapter 3).”

Moreover, as noted in the RAMP report, the alternatives presented in the RAMP report were ultimately dismissed for various reasons, such as affordability constraints. For example, the Cyber Security risk chapter (RAMP Chapter SCG-3/SDG&E-7) states at page 29: “The alternatives analysis for this risk plan also took into account modifications to the proposed plan and constraints, such as budget and resources.” As further explained, the Cyber Security alternative 1 “was dismissed in favor of the proposed plan due to resource, financial, and affordability constraints. The proposed plan balances resources and affordability by prioritizing projects and programs rather than addressing all known issues, while also reducing potential risk exposure to the extent it is feasible” (RAMP Chapter SCG-3/SDG&E-7 at 30). The Cyber Security risk chapter, along with the entirety of the RAMP report, is available on our website: [https://www.sdge.com/sites/default/files/SCG-3\\_RAMP\\_Cyber\\_Security\\_FINAL.pdf](https://www.sdge.com/sites/default/files/SCG-3_RAMP_Cyber_Security_FINAL.pdf).

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3. SDG&E-46, page JS-ii, explains that... "When comparing currently effective 2017 rates to the 2019 GRC Phase 1 rates, the typical inland residential customer with basic service that uses 500 kWh per month would see an increase in their electric bill of \$6.60 per month, or 5.1%, in the summer, and \$6.88 per month, or 5.6% in the winter. The typical coastal residential customer with basic service that uses 500 kWh per month would see an increase in their electric bill of \$7.10 per month, or 5.1% in the summer, and \$7.02 per month, or 5.6% in the winter."

- a. What is the average monthly energy consumption by SDG&E inland residential customers?
- b. What proportion of SDG&E inland residential customers have an average use of at least 500 kWh per month?
- c. What is the average monthly energy consumption by SDG&E coastal residential customers?
- d. What proportion of SDG&E coastal residential customers have an average use of at least 500 kWh per month?

**SDG&E and SoCalGas Response 03:**

SDG&E’s typical customer with a monthly usage of 500 kWh is intended to provide a consistent reference point for comparing bill impacts across various regulatory proceedings. SDG&E’s typical residential customer is a Non-CARE, non-solar customer on basic service. For the responses to Question 3, SDG&E provides the information by 1) Net Energy Metering (NEM) customers 2) non-NEM customers and 3) all customers split by both Non-CARE only and all residential. The following information is provided based on historical data from January 2016-December 2016 for single meter tiered rate customers.

**a.** The following table provides average monthly kWh for SDG&E inland residential customers.

<b>Inland Zone Average Use (kwh/month)</b>			
	<b>NEM</b>	<b>Non-NEM</b>	<b>All</b>
Standard Non-Care (DR)	244	497	467
All Residential	244	475	453

**b.** The following table provides the % of SDG&E inland residential customers using an average of 500 kWh per month over the 12-month period.

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**SDG&E and SoCalGas Response 03:-Continued**

<b>Inland Zone % of Residential Customers with Average Use At Least 500 kWh per Month</b>			
	<b>NEM</b>	<b>Non-NEM</b>	<b>All</b>
Standard Non-Care (DR)	10.8%	39.1%	35.8%
All Residential	10.9%	36.0%	33.6%

**c.** The following table provides average monthly kWh for SDG&E coastal residential customers.

<b>Coastal Zone Average Use (kwh/month)</b>			
	<b>NEM</b>	<b>Non-NEM</b>	<b>All</b>
Standard Non-Care (DR)	247	418	408
All Residential	243	402	394

**d.** The following table provides the % of SDG&E coastal residential customers using an average of 500 kWh per month over the 12-month period.

<b>Coastal Zone % of Residential Customers with Average Use At Least 500 kWh per Month</b>			
	<b>NEM</b>	<b>Non-NEM</b>	<b>All</b>
Standard Non-Care (DR)	11.5%	26.4%	25.6%
All Residential	11.2%	24.4%	23.7%

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4. Page CAW-17 of SDG&E-01, describes expected bill impacts: "If the 2019 revenue requirement identified above is approved by the Commission, a typical electric residential customer<sup>2</sup> will see a monthly bill increase of \$6.13 (+4.8%), as compared to as expected authorized rates for 2018. For gas customers, a typical residential customer will see a monthly bill increase of \$7.57 (or +21.1%), as compared to as-expected authorized rates for 2018. On a combined electric and gas bill, a typical residential customer will see a monthly bill increase of \$13.70 (+8.4%), as compared to as-expected authorized rates for 2018."

- a. Please provide a table showing the average bill amount and average kWh for residential, electric-only customers, for each month of 2016.
- b. Please provide a table showing the average bill amount and average kWh for residential, gas-only customers, for each month of 2016.
- c. Please provide a table showing the average bill amount and average kWh for residential customers taking both gas and electric services, for each month of 2016.

**SDG&E and SoCalGas Response 04:**

The following information is provided based on historical data from January 2016–December 2016 for single meter tiered rate customers.

**a.** The following table provides the average bill amount and average kWh for residential all-electric service customers, for each month of 2016. All-electric customers are identified as having permanently installed space heating or having electric water heating and receive no energy from another source. See Sheet 5 at [http://regarchive.sdge.com/tm2/pdf/ELEC\\_ELEC-SCHEDS\\_DR.pdf](http://regarchive.sdge.com/tm2/pdf/ELEC_ELEC-SCHEDS_DR.pdf).

Date	Residential All-Electric (276k electric meters)	
	Average Bill	Average Bill
	(kWH/Month)	(\$/Month)
Jan-2016	492	\$92.28
Feb-2016	392	\$69.08
Mar-2016	333	\$56.51
Apr-2016	327	\$37.31
May-2016	316	\$58.38
Jun-2016	336	\$69.44
Jul-2016	402	\$88.24
Aug-2016	440	\$100.73
Sep-2016	398	\$87.57

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Oct-2016	376	\$63.71
Nov-2016	342	\$63.24
Dec-2016	389	\$68.61
<b>Average</b>	<b>379</b>	<b>\$71</b>

**b.** The following table provides the average bill amount and average kWh for residential for gas only customers, for each month of 2016. Gas only customers are identified as premises with a gas-only meter.

Date	Residential Gas-Only (1.5k gas meters)	
	Average Bill	Average Bill
	(Therms/Month)	(\$/Month)
Jan-16	73	\$99.64
Feb-16	60	\$81.31
Mar-16	49	\$65.32
Apr-16	48	\$63.58
May-16	47	\$62.99
Jun-16	41	\$55.83
Jul-16	31	\$44.33
Aug-16	27	\$39.56
Sep-16	33	\$48.16
Oct-16	40	\$59.81
Nov-16	50	\$72.98
Dec-16	65	\$94.00
<b>Average</b>	<b>47</b>	<b>\$66</b>

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**SDG&E and SoCalGas Response 04:-Continued**

c. The following table provides the average bill amount and average kWh for residential for basic service customers, for each month of 2016. Basic service customers are customers defined as not all-electric customers (part a).

Date	Residential Basic Service (972k electric meters)			
	Average Electric Bill	Average Electric Bill	Average Gas Bill	Average Gas Bill
	(kWH/Month)	(\$/Month)	(Therm/Month)	(\$/Month)
Jan-2016	507	\$116.14	52	\$66.84
Feb-2016	411	\$88.55	36	\$44.71
Mar-2016	373	\$78.57	24	\$28.98
Apr-2016	366	\$58.77	22	\$26.13
May-2016	357	\$78.02	19	\$22.68
Jun-2016	389	\$90.18	17	\$21.31
Jul-2016	481	\$120.38	14	\$18.06
Aug-2016	548	\$143.68	12	\$15.63
Sep-2016	489	\$123.09	13	\$17.41
Oct-2016	453	\$93.54	14	\$18.99
Nov-2016	400	\$89.59	17	\$22.15
Dec-2016	431	\$94.63	32	\$41.98
<b>Average</b>	<b>434</b>	<b>\$98</b>	<b>23</b>	<b>\$29</b>



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5. SDG&E-01, page CAW-15, describes how information technology has revolutionized customer service: "Information technology also has revolutionized customer service in the energy industry. Starting with the deployment of Smart Meters, SDG&E customers have access to information about how and when they use energy, what contributes to their energy bill, and, most importantly, how they can better manage and control their energy use to meet their needs. As a result, SDG&E has been connecting its customers to an array of smart energy solutions – tools, programs and services – that will help them better understand and control how they are using energy and assist them in creating their own energy plan to ultimately save them money and energy."

- a. For SDG&E customers paying the Tier 3 rate, what proportion of their annual energy use occurs during the proposed TOU peak hours?
- b. For SDG&E customers who only ever pay the Tier 1 rate, what proportion of their annual energy use occurs during the proposed TOU peak hours?

**SDG&E and SoCalGas Response 05:**

The following information is provided based on historical data from January 2016-December 2016 for single meter tiered rate customers.

**a.** SDG&E currently has a Tier 1 rate for usage up to 130% of baseline, Tier 2 rate for usage between 130%-400% of baseline and High User Surcharge for usage greater than 400% of baseline. SDG&E interprets "Tier 3" to be usage greater than 400% of baseline. The following table provides the estimated % usage between 4-9pm for tiered customers using over 400% of baseline for 1) Tier 3 at least 1 month of the year and 2) Tier 3 all 12 months of the year.

<b>Customer type</b>	<b>On-peak usage (4-9pm)</b>
Tier 3 at least once	28%
Tier 3 only	26%

**b.** SDG&E currently has a Tier 1 rate for usage up to 130% of baseline, Tier 2 rate for usage between 130%-400% of baseline and High User Surcharge for usage greater than 400% of baseline. SDG&E interprets "Tier 1" to be usage up to 130% of baseline. The following table provides the estimated % usage between 4-9pm for tiered customers using less than 130% of baseline during the year.

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<b>Customer type</b>	<b>On-peak usage (4-9pm)</b>
Tier 1 only	31%

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6. In SDG&E-24, page MLD-24 discusses Corporate Treasury's responsibilities:

"Credit and banking fees are a significant cost, necessary for backstop liquidity, short-term financing, and the high volume of banking transactions involved in utility revenue operations. Most lines of credit are arranged for and directly assigned to the business unit they benefit. Trustee fees and rating agency fees are necessary costs in the marketing of new long-term financings, and include fees for Standard & Poor's, Moody's, and Fitch Rating Services as well as other holding and remarketing expenses."

- a. Please explain how, if at all, the implementation of a \$10 fixed charge would impact SDG&E's credit and banking fees.
- b. If a fixed charge is not introduced, or is implemented at under \$10, would that have any material adverse impact on SDG&E? Please explain, including identifying and listing the most significant such impacts expected.

**SDG&E and SoCalGas Response 06:**

a. SDG&E objects to this question on the grounds that it is beyond the scope of and not relevant to this GRC proceeding. SDG&E is not proposing a \$10 fixed charge as part of this GRC proceeding; instead, the rate design issue of a residential fixed charge is being addressed in SDG&E's pending 2018 Residential Rate Design Window Application (A.17-12-013). Notwithstanding this objection, SDG&E responds as follows. The implementation of a \$10 fixed charge would not impact SDG&E's credit and banking fees.

b. SDG&E objects to this question on the grounds that it is beyond the scope of and not relevant to this GRC proceeding. SDG&E is not proposing a \$10 fixed charge as part of this GRC proceeding; instead, the rate design issue of a residential fixed charge is being addressed in SDG&E's pending 2018 Residential rate Design Window Application (A.17-12-013). Notwithstanding this objection, SDG&E responds as follows. SDG&E's proposal in A.17-12-013 for a residential fixed charge would be a revenue neutral rate design change that would result in a compensating decrease in energy rates (and, as such, would not result in incremental revenues for SDG&E). The introduction of a residential fixed charge would result in rates that better reflect the cost of service for residential customers and as such reduce cost shifts among customers.

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7. In SDG&E-17, page GRM-2 discusses activities of the Customer Services - Field group:

"CS-F consists primarily of field technicians who perform services at customer premises, including gas and electric meter work, establishing and terminating gas and electric service, lighting gas pilot lights, conducting customer appliance checks, investigating reports of potential gas leaks, investigating customer complaints of high bills, shutting off and restoring gas service for fumigations, responding to fires (e.g., to check for gas leakage/shut off gas service) and emergency incidents, and other related field services for customers."

- a. Regarding customer complaints of high bills, what is the distribution of the number of complaints, as allocated into customers billed at i) Tier 1 only, ii) Tiers 1 and 2, iii) Tiers 1,2, and 3?

**SDG&E Response 07:**

The reference to investigating customer complaints of high bills by Customer Services - Field (CS-F) refers to responding to customer inquiries and complaints of high bills for gas consumption only. During 2016, CS-F completed 390 gas high bill investigation orders. SDG&E is unable to provide the requested information since gas consumption is not billed based on tiers 1, 2 and 3.

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8. In SDG&E-38, Table KES-1 shows customer counts by customer class:

<b>Electric Customers</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Avg. Annual % Change 2016-2019</b>
Residential	1,271,638	1,280,858	1,292,468	1,304,891	0.9%
Small Commercial	128,855	131,111	132,227	133,240	1.1%
Medium/Large Commercial/Industrial	19,970	19,327	20,068	20,746	1.3%
Agriculture	3,967	3,938	3,938	3,938	-0.2%
Lighting	5,745	5,684	5,630	5,576	-1.0%
<b>Total System</b>	<b>1,430,175</b>	<b>1,440,919</b>	<b>1,454,331</b>	<b>1,468,391</b>	<b>0.9%</b>

a. Please provide an analogous table, but showing the years 2007 through 2015.

**SDG&E Response 08:**

<b>Electric Customers</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Residential	1,207,652	1,213,596	1,221,215	1,228,817	1,235,733	1,242,152	1,249,227	1,256,091	1,264,244
Small Commercial	121,074	122,061	121,411	121,001	121,961	122,526	122,602	123,391	123,573
Med/Lrg Com/Ind	21,690	22,267	22,622	23,065	23,026	23,056	23,513	23,627	24,209
Agriculture	3,894	3,791	3,847	3,892	3,888	3,905	3,902	3,923	3,970
Lighting	6,462	6,345	6,231	6,149	6,096	6,039	5,975	5,907	5,833
<b>Total System</b>	<b>1,360,772</b>	<b>1,368,060</b>	<b>1,375,326</b>	<b>1,382,924</b>	<b>1,390,704</b>	<b>1,397,678</b>	<b>1,405,218</b>	<b>1,412,939</b>	<b>1,421,829</b>

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9. In SDG&E-38, Table KES-1 shows customer counts by customer class:

<b>Table JS-01A</b>						
<b>SDG&amp;E</b>						
<b>Electric Department Summary of Electric Revenue by Customer Class</b>						
Total Revenues						
(\$Millions)						
Line No.	Customer Class	Current Effective <sup>2</sup>	2019 GRC Phase 1 <sup>1</sup>	\$	%	Line No.
1	Residential	1,858	1,967	109	5.9%	1
2	Small Commercial	486	515	28	5.8%	2
3	M/L C&I	1,695	1,782	87	5.1%	3
4	Agriculture	56	60	3	5.6%	4
5	Lighting	21	22	1	4.2%	5
6	System	4,117	4,345	228	5.5%	6
<sup>1</sup> Includes Utility Distribution Company revenues plus Generation/Commodity revenues based on current authorized sales. <sup>2</sup> Effective 8/1/2017 per AL 3055-E-A. <sup>3</sup> Totals may not sum due to rounding.						
Total Rates						
(Cents per kWh)						
Line No.	Customer Class	Current Effective <sup>2</sup>	2019 GRC Phase 1 <sup>1</sup>	Change <sup>3</sup>		Line No.
		Present	Proposed	cents/kWh	%	
1	Residential	25.0	26.4	1.5	5.8%	1
2	Small Commercial	23.9	25.3	1.4	5.8%	2
3	M/L C&I	19.9	20.8	0.9	4.7%	3
4	Agriculture	17.7	18.7	1.0	5.5%	4
5	Lighting	19.9	20.8	0.8	4.2%	5
6	System	22.1	23.3	1.2	5.3%	6
<sup>1</sup> Includes Utility Distribution Company revenues plus Generation/Commodity revenues based on current authorized sales. <sup>2</sup> Effective 8/1/2017 per AL 3055-E-A. <sup>3</sup> Totals may not sum due to rounding.						

a. Please provide an analogous table showing the total average rates, by customer class, for the years 2007 through 2017.

**SDG&E Response 09:**

SDG&E notes that Question 9 refers to SDG&E-46 Table JS-01A, not SDG&E-38 Table KES-1. The following table provides the total average rates, by customer class, for 2007 through 2017 based on rates effective January 1 of the respective year. Additionally, the effective rates at the time of the GRC Application filing shown in the referenced Table JS-01A, effective 9/1/2017, are included for reference.

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Line No.	Customer Class	1/1/2007	1/1/2008	1/1/2009	1/1/2010	1/1/2011	1/1/2012	Line No.
1	Residential	16.0	14.8	18.3	17.9	18.4	17.6	1
2	Small Commercial	16.8	15.6	18.6	17.9	17.6	17.0	2
3	M/L C&I	13.2	12.5	15.3	14.5	13.9	13.6	3
4	Agriculture	15.9	15.1	18.1	17.4	17.2	16.6	4
5	Lighting	15.2	14.5	15.9	15.7	15.4	14.7	5
6	System	14.5	13.6	16.7	16.1	16.0	15.4	6
7	<i>Advice Letter Reference</i>	<i>AL-1859-E</i>	<i>AL-1954-E</i>	<i>AL-2053-E</i>	<i>AL-2135-E</i>	<i>AL 2222-E</i>	<i>AL 2323-E</i>	7
Line No.	Customer Class	1/1/2013	1/1/2014	1/1/2015	1/1/2016	1/1/2017	9/1/2017	Line No.
1	Residential	18.3	21.1	22.0	22.4	24.9	25.0	1
2	Small Commercial	18.2	20.1	24.4	22.3	23.4	23.9	2
3	M/L C&I	14.5	15.7	19.5	18.6	19.4	19.9	3
4	Agriculture	17.7	19.5	17.6	16.4	17.4	17.7	4
5	Lighting	14.9	16.6	18.0	18.7	19.6	19.9	5
6	System	16.3	18.1	20.9	20.4	21.8	22.1	6
7	<i>Advice Letter Reference</i>	<i>AL 2443-E</i>	<i>AL 2564-E-A</i>	<i>AL-2682-E</i>	<i>AL 2840-E</i>	<i>AL 3028-E</i>	<i>AL 3055-E-A</i>	7

**CFC DATA REQUEST**  
**CFC-Sempra-2019 #10**  
**SOCALGAS 2019 GRC – A.17-10-008**  
**SDG&E 2019 GRC – A.17-10-007**  
**DATE RECEIVED: MARCH 27, 2018**  
**DATE RESPONDED: APRIL 10, 2018**

10. In SDG&E-46, Table JS-01A on page JS-2 shows Total Revenues and Total Rates, comparing "Current Effective" figures to those for "2019 GRC Phase 1":

<b>Table JS-01A</b>						
<b>SDG&amp;E</b>						
<b>Electric Department Summary of Electric Revenue by Customer Class</b>						
Line No.	Customer Class	Total Revenues (Millions)				Line No.
		Current Effective <sup>2</sup>	2019 GRC Phase 1 <sup>1</sup>	\$	%	
1	Residential	1,858	1,967	109	5.9%	1
2	Small Commercial	486	515	28	5.8%	2
3	M/L C&I	1,695	1,782	87	5.1%	3
4	Agriculture	56	60	3	5.6%	4
5	Lighting	21	22	1	4.2%	5
6	System	4,117	4,345	228	5.5%	6
<sup>1</sup> Includes Utility Distribution Company revenues plus Generation/Commodity revenues based on current authorized sales. <sup>2</sup> Effective 9/1/2017 per AL 3055-E-A. <sup>3</sup> Totals may not sum due to rounding.						
Line No.	Customer Class	Total Rates (Cents per kWh)				Line No.
		Current Effective <sup>2</sup>	2019 GRC Phase 1 <sup>1</sup>	Change <sup>3</sup>		
		Present	Proposed	cents/kWh	%	
1	Residential	25.0	26.4	1.5	5.8%	1
2	Small Commercial	23.9	25.3	1.4	5.8%	2
3	M/L C&I	19.9	20.8	0.9	4.7%	3
4	Agriculture	17.7	18.7	1.0	5.5%	4
5	Lighting	19.9	20.8	0.8	4.2%	5
6	System	22.1	23.3	1.2	5.3%	6
<sup>1</sup> Includes Utility Distribution Company revenues plus Generation/Commodity revenues based on current authorized sales. <sup>2</sup> Effective 9/1/2017 per AL 3055-E-A. <sup>3</sup> Totals may not sum due to rounding.						

a. Please provide a version of the table, but comparing the 2019 GRC Phase 1 to the Revenues and Rates estimated for calendar year 2017.

**SDG&E and SoCalGas Response 10:**

Table JS-01A provides a comparison of 2019 GRC Phase 1 to Revenues and Rates as of September 2017, the rates that were current at the time SDG&E filed its 2019 GRC Phase 1 Application on October 6, 2017. The following table provides a comparison of January 2017 rates and revenues compared to the 2019 GRC Phase 1 numbers shown in the December 2017 Revised Testimony, which was the current version at the time CFC submitted the request.



**CFC DATA REQUEST**  
**CFC-Sempra-2019 #10**  
**SOCALGAS 2019 GRC – A.17-10-008**  
**SDG&E 2019 GRC – A.17-10-007**  
**DATE RECEIVED: MARCH 27, 2018**  
**DATE RESPONDED: APRIL 10, 2018**

**SDG&E and SoCalGas Response 10:-Continued**

Revenues (\$Millions)		2017	2018	2019 GRC	2017-2019	2017-2019	
Line No.	Customer Class	1-Jan <sup>2</sup>	Expected <sup>1</sup>	Phase 1 <sup>1</sup>	\$	%	Line No.
1	Residential	1,852	1,868	1,966	114	6.2%	1
2	Small Commercial	476	489	515	39	8.2%	2
3	M/L C&I	1,656	1,703	1,781	125	7.6%	3
4	Agriculture	55	57	59	4	7.6%	4
5	Lighting	20	21	22	1	6.1%	5
6	System	4,059	4,138	4,343	284	7.0%	6
Rates (cents per kWh)		2017	2018	2019 GRC	2017-2019	2017-2019	
Line No.	Customer Class	1-Jan <sup>2</sup>	Expected <sup>1</sup>	Phase 1 <sup>1</sup>	cents/kWh	%	Line No.
1	Residential	24.9	25.1	26.4	1.5	6.2%	1
2	Small Commercial	23.4	24.1	25.3	1.9	8.2%	2
3	M/L C&I	19.4	19.9	20.8	1.4	7.2%	3
4	Agriculture	17.4	17.8	18.7	1.3	7.5%	4
5	Lighting	19.6	20.0	20.8	1.2	6.1%	5
6	System	21.8	22.2	23.3	1.5	6.9%	6

<sup>1</sup>2019 GRC Phase 1 and 2018 Expected reflects the December 2017 Revised Testimony.

<sup>2</sup>Effective 1/1/2016 per AL 2840-E.

**CFC DATA REQUEST**  
**CFC-Sempra-2019 #10**  
**SOCALGAS 2019 GRC – A.17-10-008**  
**SDG&E 2019 GRC – A.17-10-007**  
**DATE RECEIVED: MARCH 27, 2018**  
**DATE RESPONDED: APRIL 10, 2018**

11. In SDG&E-46, Table JS-01B on page JS-3 shows Total Revenues and Total Rates, comparing "2018 Expected" figures to those for "2019 GRC Phase 1":

<b>Table JS-01B</b>						
<b>SDG&amp;E</b>						
<b>Electric Department Summary of Electric Revenue by Customer Class</b>						
Line No.	Customer Class	Total Revenues (Millions)		\$	%	Line No.
		2018 Expected <sup>2</sup>	2019 GRC Phase 1 <sup>1</sup>			
1	Residential	1,868	1,967	99	5.3%	1
2	Small Commercial	489	515	26	5.3%	2
3	M/L C&I	1,703	1,782	79	4.6%	3
4	Agriculture	57	60	3	5.1%	4
5	Lighting	21	22	1	3.8%	5
6	System	4,138	4,345	208	5.0%	6
<sup>1</sup> Includes Utility Distribution Company revenues plus Generation/Commodity revenues based on current authorized sales.						
<sup>2</sup> Current effective rates 9/1/2017 per AL 3055-E-A adjusted for expected 2018 GRC revenue requirements.						
<sup>3</sup> Totals may not sum due to rounding.						
Line No.	Customer Class	Total Rates (Cents per kWh)		cents/kWh	%	Line No.
		2018 Expected <sup>2</sup>	2019 GRC Phase 1 <sup>1</sup>			
1	Residential	25.1	26.4	1.3	5.3%	1
2	Small Commercial	24.1	25.3	1.3	5.3%	2
3	M/L C&I	19.9	20.8	0.8	4.2%	3
4	Agriculture	17.8	18.7	0.9	4.9%	4
5	Lighting	20.0	20.8	0.8	3.8%	5
6	System	22.2	23.3	1.1	4.8%	6
<sup>1</sup> Includes Utility Distribution Company revenues plus Generation/Commodity revenues based on current authorized sales.						
<sup>2</sup> Current effective rates 9/1/2017 per AL 3055-E-A adjusted for expected 2018 GRC revenue requirements.						
<sup>3</sup> Totals may not sum due to rounding.						

a. Please provide a version of the table, but comparing the 2019 GRC Phase 1 to the Revenues and Rates estimated for calendar year 2016.

The following table provides a comparison of January 2016 rates and revenues compared to the 2019 GRC Phase 1 numbers shown in the December 2017 Revised Testimony, which was the current version at the time CFC submitted the request.

**CFC DATA REQUEST**  
**CFC-Sempra-2019 #10**  
**SOCALGAS 2019 GRC – A.17-10-008**  
**SDG&E 2019 GRC – A.17-10-007**  
**DATE RECEIVED: MARCH 27, 2018**  
**DATE RESPONDED: APRIL 10, 2018**

**SDG&E and SoCalGas Response 11:-Continued**

Revenues (\$Millions)		2016	2018	2019 GRC	2016-2019	2016-2019	
Line No.	Customer Class	1-Jan <sup>2</sup>	Expected <sup>1</sup>	Phase 1 <sup>1</sup>	\$	%	Line No.
1	Residential	1,669	1,868	1,966	297	17.8%	1
2	Small Commercial	454	489	515	61	13.3%	2
3	M/L C&I	1,601	1,703	1,781	181	11.3%	3
4	Agriculture	52	57	59	7	13.9%	4
5	Lighting	19	21	22	2	11.1%	5
6	System	3,795	4,138	4,343	548	14.4%	6
Rates (cents per kWh)		2016	2018	2019 GRC	2016-2019	2016-2019	
Line No.	Customer Class	1-Jan <sup>2</sup>	Expected <sup>1</sup>	Phase 1 <sup>1</sup>	cents/kWh	%	Line No.
1	Residential	22.4	25.1	26.4	4.0	17.8%	1
2	Small Commercial	22.3	24.1	25.3	3.0	13.4%	2
3	M/L C&I	18.6	19.9	20.8	2.2	11.5%	3
4	Agriculture	16.4	17.8	18.7	2.3	13.9%	4
5	Lighting	18.7	20.0	20.8	2.1	11.1%	5
6	System	20.4	22.2	23.3	2.9	14.3%	6

<sup>1</sup>2019 GRC Phase 1 and 2018 Expected reflects the December 2017 Revised Testimony.

<sup>2</sup>Effective 1/1/2016 per AL 2840-E.