

**YELLOW HIGHLIGHTED AREAS ARE PROTECTED MATERIALS
SUBJECT TO NONDISCLOSURE AGREEMENT**

**SAN DIEGO GAS & ELECTRIC COMPANY GENERAL RATE CASE PHASE 2
A. 19-03-002**

**CALIFORNIA FARM BUREAU FEDERATION DATA REQUEST #1
SDG&E Response – May 29, 2019**

1. Please provide all workpapers supporting SDG&E's testimony in this proceeding, including those in support of SDG&E-05 Attachment C.

SDG&E Response: These have been provided when all the workpapers were provided.

2. Please provide all data request responses provided by SDG&E to other parties in this proceeding.

SDG&E Response: This is included as a separate file sent via the data transfer link.

3. Please provide the results of any bill impact analysis that SDG&E has performed with regard to the present and proposed rates presented in SDG&E-03.

SDG&E Response: SDG&E provided bill impacts as Attachments K and L in Chapter 3 of its Revised Prepared Direct Testimony SDG&E witness Morien, submitted on May 8, 2019.

4. With respect to the proposed revenue allocation changes proposed in SDG&E-02, please provide the following:
 - a. A table in the following format showing total (including generation, distribution, and non-bypassable charges) present and proposed revenue by customer class for bundled and Direct Access/Community Choice Aggregation customers.

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Total Nonbypassable Charges ¹	Present Delivered Revenues (\$)	Proposed Delivered Revenues (\$)	% Change Delivered Revenue
Residential	149,295,718	122,254,078	-18.11%
Small Comercial	48,480,637	50,241,954	3.63%
M/L C&I	186,463,186	218,885,270	17.39%
Agricultural	6,483,676	7,685,818	18.54%
Streetlighting	649,944	517,024	-20.45%
Schools	-	7,702,681	0.00%
¹ Includes PPP, CTC, ND, a			
² Non-Bypassable Rate Components that use Delivered Sales cannot be broken out between Bundled and Departing Load custo			

- b. A table in the following format showing total (including generation, distribution, and non-bypassable charges) present and proposed class average rates by customer class for bundled and Direct Access/Community Choice Aggregation customers.

Total Distribution & Commodity Class Average Rate	Present Bundled Rate (\$/kWh)	Proposed Bundled Rate (\$/kWh)	% Change Bundled Rate	Present DA/CCA Rate(\$/kWh)	Proposed DA/CCA Rate(\$/kWh)	% Change DA/CCA Rate
Residential	0.21288	0.23159	8.79%	0.10318	0.11227	8.81%
Small Comercial	0.19679	0.20532	4.33%	0.09814	0.10216	4.09%
M/L C&I	0.17060	0.17043	-0.10%	0.05746	0.05693	-0.93%
Agricultural	0.13741	0.13968	1.66%	0.05838	0.05963	2.15%
Streetlighting	0.18739	0.17472	-6.76%	0.11562	0.10761	-6.93%
Schools	-	0.17102	0.00%	-	0.07265	0.00%

Note: All values are based on rates, revenues and sales effective 1-1-2019 per SDG&E AL 3326-E, and reflect SDG&E's Revised Direct Testimony.

¹Departing Load customers do not pay for Generation Revenues so this rate is displayed for DA/CCA customers is only distribution.

Total Nonbypassable Charges ¹ Class Average Rate	Present Delivered Rate (\$/kWh)	Proposed Delivered Rate (\$/kWh)	% Change Delivered Rate
Residential	0.02232	0.01898	-14.98%
Small Comercial	0.02136	0.02306	7.96%
M/L C&I	0.02034	0.02358	15.92%
Agricultural	0.01985	0.02353	18.55%
Streetlighting	0.00815	0.00610	-25.19%
Schools	-	0.02377	0.00%

¹Includes PPP, CTC, ND, and DWR-BC.

²Non-Bypassable Rate Components that use Delivered Sales cannot be broken out between Bundled and Departing Load customers

- c. An identical table to that provided in response to question 4(a) above incorporating the NCO Marginal Distribution Customer Costs presented in SDG&E-05 Attachment C rather than SDG&E's Rental Method.

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Residential	149,295,718	122,254,078	-18.11%		
Small Comercial	48,480,637	50,241,954	3.63%		
M/L C&I	186,463,186	218,885,270	17.39%		
Agricultural	6,483,676	7,685,818	18.54%		
Streetlighting	649,944	517,024	-20.45%		
Schools	-	7,702,681	0.00%		
¹ Includes PPP, CTC, ND, and DV	-	-			

²Non-Bypassable Rate Components that use Delivered Sales cannot be broken out between Bundled and Departing Load customers.

- d. An identical table to that provided in response to question 4(b) above incorporating the NCO Marginal Distribution Customer Costs presented in SDG&E-05 Attachment C rather than SDG&E's Rental Method.

Total Distribution & Commodity Class Average Rate	Present Bundled Rate (\$/kWh)	Proposed Bundled Rate (\$/kWh)	% Change Bundled Rate	Present DA/CCA Rate(\$/kWh)	Proposed DA/CCA Rate(\$/kWh)	% Change DA/CCA Rate
Residential	0.21288	0.23159	8.79%	0.10318	0.11227	8.81%
Small Comercial	0.19679	0.20522	4.28%	0.09814	0.10205	3.99%
M/L C&I	0.17060	0.17010	-0.30%	0.05746	0.05660	-1.51%
Agricultural	0.13741	0.13966	1.64%	0.05838	0.05961	2.11%
Streetlighting	0.18739	0.17450	-6.87%	0.11562	0.10740	-7.11%
Schools	-	0.18126	0.00%	-	0.08289	0.00%

Note: All values are based on rates, revenues and sales effective 1-1-2019 per SDG&E AL 3326-E, and reflect SDG&E's Revised Direct Testimony.

¹Departing Load customers do not pay for Generation Revenues so this rate is displayed for DA/CCA customers is only distribution.

Total Nonbypassable Charges ¹ Class Average Rate	Present Delivered Rate (\$/kWh)	Proposed Delivered Rate (\$/kWh)	% Change Delivered Rate		
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Agricultural	0.01985	0.02353	18.55%		
Streetlighting	0.00815	0.00610	-25.19%		
Schools	-	0.02377	0.00%		

¹Includes PPP, CTC, ND, and DWR-BC.

²Non-Bypassable Rate Components that use Delivered Sales cannot be broken out between Bundled and Departing Load customers

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5. Please provide a version of Table GM-3 and Table GM-4d, presented in SDG&E-03, incorporating SDG&E’s NCO Marginal Distribution Customer Costs presented in SDG&E-05 Attachment C rather than SDG&E’s rental method.

**Table GM-3: Percentage of Recovery of Customer Costs in Current MSFs –
NCO Method**

	A	B	C = B / A
	Cost-based MSF (\$/month)	Current MSF (\$/month)	Percentage of Current Recovery of Customer Costs in MSF (%)
Small Commercial:			
Schedule TOU-A/TOU-A3/A-TC			
Secondary:			
0 - 5 kW	\$34.58	\$10.00	28.9%
5 - 20 kW	\$54.32	\$16.00	29.5%
20 - 50 kW	\$105.75	\$30.00	28.4%
> 50 kW	\$152.99	\$75.00	49.0%
Primary:			
0 - 5 kW	\$66.75	\$10.00	15.0%
5 - 20 kW	\$66.75	\$16.00	24.0%
20 - 50 kW	\$66.75	\$30.00	44.9%
> 50 kW	\$79.34	\$75.00	94.5%
M/L C&I:			
Schedules AL-TOU/DG-R			
< 500 kW			
Secondary	\$339.83	\$186.30	54.8%
Primary	\$169.17	\$50.24	29.7%
Secondary Substation	\$43,957.39	\$18,172.18	41.3%
Primary Substation	\$43,786.73	\$18,172.18	41.5%
Transmission	\$1,112.84	\$270.94	24.3%
500 kW - 12 MW			
Secondary	\$717.66	\$744.64	103.8%
Primary	\$181.99	\$59.77	32.8%
Secondary Substation	\$44,335.22	\$18,172.18	41.0%
Primary Substation	\$43,799.54	\$18,172.18	41.5%
Transmission	\$1,895.22	\$1,084.06	57.2%
> 12 MW			
Primary Substation	\$54,707.78	\$30,722.49	56.2%
Schedule A6-TOU			
> 500 kW			
Primary	\$185.84	\$59.77	32.2%
Primary Substation	\$43,786.73	\$18,172.18	41.5%
Transmission	\$1,544.25	\$1,931.13	125.1%
> 12 MW Primary Substation	\$54,707.78	\$30,722.49	56.2%
Schedule OL-TOU			
Secondary	\$339.83	\$30.59	9.0%
Agriculture:			
Schedule PA-T-1			
Secondary	\$159.44	\$105.49	66.2%
Primary	\$159.44	\$105.49	66.2%
Schedule TOU-PA/TOU-PA3			
< 20 kW			
Secondary	\$66.70	\$21.88	32.8%
Primary	\$90.56	\$21.88	24.2%
> 20 kW			
20 - 75 kW	\$159.44	\$36.24	22.7%
75 - 100 kW	\$159.44	\$61.24	38.4%
100 - 200 kW	\$159.44	\$76.24	47.8%
> 200 kW	\$159.44	\$126.24	79.2%

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**Table GM-4d: Proposed Illustrative MSF Transition Path – Agricultural –
NCO Method**

	A	B	C = B + 20%	D = C + 20%	E = D / A
	Cost-based MSF (\$/month)	Current MSF (\$/month)	Proposed Year 1 MSF (\$/month)	Proposed Year 2 MSF (\$/month)	Percent of Recovery of Customer Costs in MSF - End of Year 2 (%)
Agriculture:					
Schedule PA-T-1					
Secondary	\$159.44	\$105.49	\$126.58	\$151.90	95.3%
Primary	\$159.44	\$105.49	\$126.58	\$151.90	95.3%
Schedule TOU-PA/TOU-PA3					
< 20 kW					
Secondary	\$66.70	\$21.88	\$26.25	\$31.50	47.2%
Primary	\$90.56	\$21.88	\$26.25	\$31.50	34.8%
> 20 kW - Secondary					
20 - 75 kW	\$160.18	\$36.24	\$43.49	\$52.19	32.6%
75 - 100 kW	\$160.18	\$61.24	\$73.49	\$88.19	55.1%
100 - 200 kW	\$160.18	\$76.24	\$91.49	\$109.79	68.5%
> 200 kW	\$160.18	\$126.24	\$151.49	\$159.44	99.5%
> 20 kW - Primary					
20 - 75 kW	\$159.44	\$36.24	\$43.49	\$52.19	32.7%
75 - 100 kW	\$159.44	\$61.24	\$73.49	\$88.19	55.3%
100 - 200 kW	\$159.44	\$76.24	\$91.49	\$109.79	68.9%
> 200 kW	\$159.44	\$126.24	\$151.49	\$159.44	100.0%