

**UNITED STATES OF AMERICA  
BEFORE THE  
FEDERAL ENERGY REGULATORY COMMISSION**

**San Diego Gas & Electric Company**

**Docket No. ER20- -000**

**ANNUAL UPDATE FILING OF THE  
TRANSMISSION ACCESS CHARGE  
BALANCING ACCOUNT ADJUSTMENT  
(TACBAA)**

**December 10, 2019**



**Ross R. Fulton**  
Senior Counsel  
San Diego Gas & Electric Company  
8330 Century Park Court, CP32D  
San Diego, CA 92123  
Tel: 858-654-1861  
Fax: 619-699-5027  
rfulton@sdge.com

December 10, 2019

The Hon. Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E.  
Washington, D.C. 20426

**Re: San Diego Gas & Electric Company, 2020 Annual TACBAA Rate Revision,  
Docket No. ER20-\_\_\_\_-000**

Dear Ms. Bose:

Pursuant to Section 35.13 of the regulations of the Federal Energy Regulatory Commission (“FERC” or “Commission”), 18 C.F.R. § 35.13,<sup>1</sup> San Diego Gas & Electric Company (“SDG&E”) submits for filing and acceptance an adjustment to the rate and revenue requirements under its Transmission Owner Tariff (“TO Tariff”), FERC Electric Tariff Volume No. 11. This adjustment, made in accordance with the terms of the TO Tariff, is the annual update to the Transmission Access Charge Balancing Account Adjustment (“TACBAA”).<sup>2</sup>

This filing updates the TACBAA rate for retail End-Use customers. The requested effective date for this adjustment is January 1, 2020.<sup>3</sup>

The documents submitted with this filing are listed in Section V at p.4 below.

## **I. TACBAA RATE AND REVISION**

The TACBAA is a ratemaking mechanism designed to ensure that the difference in the amount of costs billed to SDG&E as a load-serving entity and the revenues paid to SDG&E as a

---

<sup>1</sup> 16 U.S.C. § 824d (2012); 18 C.F.R. §§ 35, *et seq.* (2017).

<sup>2</sup> Unless otherwise indicated, words with initial capitalization are used as defined in SDG&E’s TO Tariff or in the CAISO’s FERC tariff.

<sup>3</sup> SDG&E’s most recent annual TACBAA update filing was accepted by the Commission effective January 1, 2019, in Docket No. ER19-512-001, by delegated letter order dated March 6, 2019.

Participating Transmission Owner (“PTO”) under the CAISO Tariff is recovered from or returned to SDG&E’s retail End-Use customers. Section 5.6 of SDG&E’s TO Tariff identifies the items subject to the Transmission Access Charge Balancing Account Adjustment and sets forth the procedure for revising the TACBAA rate annually. This annual revision is based on:

- The projected balance of the TACBAA as of December 31, 2019;
- An annual forecast of the Net Access Charge Billings in the following year; and
- Franchise Fees/Uncollectibles.

The derivation of the total TACBAA is reflected in Statement BK, while the derivation of the TACBAA Rate/kWh is reflected in Statement BL. The following provides a summary of the derivation of the TACBAA and the primary reason(s) for the change.

TACBAA Projected Balance @ December 31, 2019	(\$11,013,336)
Forecasted Net Access Charge Billings	(\$275,987,859)
Franchise Fees/Uncollectibles	<u>(\$3,445,449)</u>
Total TACBAA	<u>(\$290,446,644)</u>

The final 2020 TACBAA is a credit to End-Use customers of approximately \$290.4 million. This is roughly \$21.7 million more than the 2019 TACBAA credit to End-Use customers of approximately \$268.7 million. The difference is attributed primarily to the following:

- 1) In the 2019 TACBAA rate filing, the estimated December 31, 2018 balance consisted of an under-collection of approximately \$18.6 million. As noted above, the estimated December 31, 2019 balance consists of an over-collection totaling approximately \$11.0 million, a difference of \$29.6 million. This difference is the result of the actual revenue credits received through October 2019 from the CAISO plus the remaining 2019 forecast being more than the forecasted amount in the 2019 TACBAA rate filing.
- 2) Additionally, the 2020 Net Access Charge Billings estimate is lower by approximately \$8.2 million compared to the 2019 forecast resulting from updated 2020 High Voltage Transmission Revenue Requirements from each of the CAISO Participating Transmission Owners.

To pass through this credit, SDG&E is proposing a 2020 TACBAA rate of (\$0.01611) per kWh, compared to the current rate of (\$0.01427) per kWh.

Ordinarily, SDG&E submits its TACBAA update in December of each year. This ensures that the TACBAA rate reflects the most recent Base Transmission Revenue Requirement that SDG&E files annually under its TO formula rate tariff and allows SDG&E to update the

rates reflected in the Transmission Access Charge (“TAC”) rate input form that are based on CAISO market participants’ informational TO tariff filings. In calculating the TAC rate, the CAISO uses each PTO’s FERC-approved High Voltage Transmission Revenue Requirement. The TO5 Cycle 2 Annual Informational Filing that was filed using the new TO5 formula settlement model and the resulting High Voltage Base Transmission Revenue Requirements (“HV-BTRR”) from the informational filing in Docket No. ER20-503 were used to derive the appropriate TACBAA credit for the 2020 rate effective period. If the Commission approves a HV-BTRR in 2020 that is different than what is in effect under TO5 Cycle 2 or the submitted unopposed settlement model is not approved by the Commission, the corresponding over- or under-collection resulting from the CAISO’s TAC mechanism will be reflected in the TACBAA filing SDG&E submits next year.

## **II. EFFECTIVE DATE**

SDG&E respectfully requests, pursuant to Section 35.11 (18 C.F.R. § 35.11) of the Commission’s Regulations, waiver of the 60-day prior notice requirement specified in Section 35.3, and requests the Commission to assign the revised tariff sections an effective date of January 1, 2020. This waiver will permit SDG&E to revise the TACBAA rate based on the most recent BTRR submitted to the Commission and Access Charge data from CAISO market participants, while keeping rate changes pursuant to the TO Tariff with the same effective date of January 1<sup>4</sup> consistent with the TO Tariff and minimizing the customer and cost effects of rate changes.

Such waiver would also be consistent with the Commission’s policy set forth in *Central Hudson Gas & Electric Corp.*, 60 FERC ¶ 61,089 (1992). There, the Commission provided that a waiver of the 60-day prior notice requirement is generally appropriate for filings that modify rates when the rate change and its effective date are prescribed by a tariff on file with the Commission, such as annual rate revisions required by an agreement to become effective on a date specified therein. Because the terms of Section 5.6 of the TO Tariff require SDG&E to update its TACBAA each January, and because a waiver will not affect SDG&E’s other rate schedules, a waiver of the 60-day prior notice requirement is appropriate to permit the proposed rate revisions to take effect on January 1, 2020 or as outlined above.

## **III. OTHER MATTERS**

No expenses or costs included in the rates tendered herein have been alleged or judged in any administrative or judicial proceeding to be illegal, duplicative, or unnecessary costs that are demonstrably the product of discriminatory employment practices.

SDG&E believes that the information contained in this filing provides a sufficient basis upon which to accept this filing. SDG&E further requests that the Commission waive its filing

---

<sup>4</sup> In addition to the rate changes requested with this filing and the annual TRBAA filing, other annual SDG&E TO Tariff rate changes take effect on January 1 each year pursuant to (1) the approved formula rate, and for (2) the reliability services balancing account.

requirements contained in Part 35 of its regulations to the extent necessary to permit this filing to be made effective as requested.

SDG&E believes this filing conforms to any rule of general applicability and to any Commission order specifically applicable to SDG&E, and it has made copies of this letter and all enclosures available for public inspection in SDG&E's principal office located in San Diego, California. SDG&E has mailed copies to those persons whose names appear on the enclosed service list.

SDG&E has conformed its tariff sections submitted herewith to the format required by Commission Order No. 714.

#### **IV. CORRESPONDENCE**

SDG&E requests that the Secretary place the following persons upon the official service list, and that they be served with all correspondence, pleadings and other communications concerning this filing:

Ross R. Fulton  
Senior Counsel  
San Diego Gas & Electric Company  
8330 Century Park Court, CP32D  
San Diego, California 92123  
Tel. (858) 654-1861  
E-mail: rfulton@sdge.com

Melanie Hancock  
Transmission Revenue Manager  
San Diego Gas & Electric Company  
8330 Century Park Court, CP31E0  
San Diego, California 92123  
Tel. (619) 696-2373  
E-mail: mhancock@sdge.com

#### **V. LIST OF DOCUMENTS SUBMITTED**

The documents submitted with this electronic filing include this transmittal letter, together with the following attachments:

- A. Revised TO Tariff sections conformed version
- B. Revised TO Tariff sections redline version
- C. TACBAA Cost Statements and Related Work Papers

**VI. CONCLUSION**

SDG&E respectfully requests that the Commission accepts and approves the rate and tariff changes tendered herewith, effective January 1, 2020.

Respectfully submitted,

*/s/ Ross R. Fulton* \_\_\_\_\_

Ross R. Fulton

Attorney For

SAN DIEGO GAS & ELECTRIC COMPANY

## CERTIFICATE OF SERVICE

I hereby certify that I have this day served an electronic copy of the foregoing document upon each person designated on the official service list compiled by the Secretary in Docket No. ER19-221-000. In addition, I certify that I have also caused the foregoing to be served hardcopies to the following:

Arocles Aguilar  
General Counsel  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102

Anthony Ivancovich  
Deputy General Counsel  
California Independent System Operator Corporation  
250 Outcropping Way  
Folsom, CA 95630

Dated at San Diego, California, this 10<sup>th</sup> day of December, 2019.

*/s/ Tamara Grabowski*

---

Tamara Grabowski  
8330 Century Park Court, CP32D  
San Diego, California 92123  
Telephone: (858) 654-1827  
Email: TGrabowski@sdge.com

San Diego Gas & Electric Company  
2020 TACBAA Filing

Attachment – A  
Appendix III  
Revised Transmission Owner (“T.O”)  
Tariff Sheet Conformed Version

ER20-\_\_\_\_\_ - \_\_\_\_\_



**APPENDIX III**

**Access Charges for End-Use Customers**

**[SEE ATTACHED]**

**Retail  
Transmission Revenue Balancing Account Adjustment Rate  
(TRBAA)**

A Transmission Revenue Balancing Account Adjustment Rate equal to (\$0.00108) per kilowatt-hour shall be applied to all SDG&E End-User Customers bills.

**ISO Wholesale  
Transmission Revenue Balancing Account Adjustment  
TRBAA  
Service Year 2020**

A:	High Voltage TRBAA	\$ (19,022,459)
B.	Low Voltage TRBAA	<u>(340,171)</u>
C.	Total ISO Wholesale TRBAA	\$ <u>(19,362,630)</u>

**Transmission Access Charge Balancing Account Adjustment Rate  
(TACBAA)**

A Transmission Access Charge Balancing Account Adjustment Rate equal to (\$0.01611) per kilowatt-hour shall be billed to all SDG&E End-User Customers.

San Diego Gas & Electric Company  
2020 TACBAA Filing

Attachment – B  
Appendix III  
Revised Transmission Owner (“T.O.”)  
Tariff Sheet Redline Version

ER20-\_\_\_\_\_ - \_\_\_\_\_

**APPENDIX III**

**Access Charges for End-Use Customers**

**[SEE ATTACHED]**

**Retail  
Transmission Revenue Balancing Account Adjustment Rate  
(TRBAA)**

A Transmission Revenue Balancing Account Adjustment Rate equal to (\$0.00108) per kilowatt-hour shall be applied to all SDG&E End-User Customers bills.

**ISO Wholesale  
Transmission Revenue Balancing Account Adjustment  
TRBAA  
Service Year 2020**

A:	High Voltage TRBAA	\$ (19,022,459)
B.	Low Voltage TRBAA	<u>(340,171)</u>
C.	Total ISO Wholesale TRBAA	\$ <u>(19,362,630)</u>

**Transmission Access Charge Balancing Account Adjustment Rate  
(TACBAA)**

A Transmission Access Charge Balancing Account Adjustment Rate equal to (\$0.0161104427) per kilowatt-hour shall be billed to all SDG&E End-User Customers.

San Diego Gas & Electric Company  
2020 TACBAA Rate Filing

Attachment - C  
Transmission Access Charge Balancing  
Account Adjustment (TACBAA)  
Cost Statements and Related Workpapers

ER20-\_\_\_\_-000

**San Diego Gas & Electric Company**  
**Annual TACBAA Rate Filing**  
**Cost Statements**  
**Table of Contents**

	<b><u>Page No.</u></b>
<b>A.</b> Statement BD – Allocation Energy and Supporting Data	1 - 6
<b>B.</b> Statement BG – Revenue Data to Reflect Changed Rates	7 - 11
<b>C.</b> Statement BH – Revenue Data to Reflect Present Rates	12 - 15
<b>D.</b> Statement BK – Derivation of Retail TACBAA	16 - 17
<b>E.</b> Statement BL – Retail TACBAA Rate Calculation	18 - 19
<b>F.</b> TACBAA Work Papers:	20
<b>1.</b> WP-1 Recorded and Forecast Sales Information	21 – 23
<b>2.</b> WP-2 Monthly TACBAA Detailed Balances Thru Oct 2019	24 – 28
<b>3.</b> WP-3 Projected Change for the Remaining Months (Nov & Dec 2019)	29 - 31
<b>4.</b> WP-4 Forecasted Net Access Charge Billings	32 - 33
<b>5.</b> WP-5 CAISO PTO HVTRR Input Form	34 – 38

# San Diego Gas & Electric Company

## Attachment – C (Cont'd)

### A. Statement BD - Allocation Energy and Supporting Data

ER20-\_\_\_\_\_-000

**Statement BD**  
**San Diego Gas & Electric Company**  
**2020 - TACBAA Rate Filing**  
**Allocation Energy and Supporting Data**

Line No.	Date	(A)	(B)	(C) = (A) - (B)	Reference	Line No.
		Retail Energy Sales @ Meter Level Plus Sale for Resale	Sale for Resale (City of Escondido) <sup>1</sup>	Retail Energy Sales @ Meter Level Net of Sale for Resale		
1	Nov-18	1,527,407,602	9,333	1,527,398,269	Workpaper No. 1; Page 1.1; Lines 30; 29	1
2	Dec-18	1,504,993,538	7,885	1,504,985,653	Workpaper No. 1; Page 1.1; Lines 30; 29	2
3	Jan-19	1,528,955,596	6,994	1,528,948,602	Workpaper No. 1; Page 1.1; Lines 30; 29	3
4	Feb-19	1,526,590,428	6,894	1,526,583,534	Workpaper No. 1; Page 1.1; Lines 30; 29	4
5	Mar-19	1,369,837,123	6,086	1,369,831,037	Workpaper No. 1; Page 1.1; Lines 30; 29	5
6	Apr-19	1,292,392,421	6,530	1,292,385,891	Workpaper No. 1; Page 1.1; Lines 30; 29	6
7	May-19	1,425,812,776	7,573	1,425,805,203	Workpaper No. 1; Page 1.1; Lines 30; 29	7
8	Jun-19	1,376,377,373	7,679	1,376,369,694	Workpaper No. 1; Page 1.1; Lines 30; 29	8
9	Jul-19	1,466,293,449	1,384	1,466,292,065	Workpaper No. 1; Page 1.1; Lines 30; 29	9
10	Aug-19	1,630,534,582	589	1,630,533,993	Workpaper No. 1; Page 1.1; Lines 30; 29	10
11	Sep-19	1,827,939,007	9,874	1,827,929,133	Workpaper No. 1; Page 1.1; Lines 30; 29	11
12	Oct-19	1,549,209,262	10,650	1,549,198,612	Workpaper No. 1; Page 1.1; Lines 30; 29	12
13						13
14						14
15	Total	18,026,343,157	81,471	18,026,261,686	Sum Lines 1 thru 12	15

<sup>1</sup> City of Escondido sales are excluded from the KWh total because they are classified as sales to wholesale customers.

**Statement BD**  
**San Diego Gas & Electric Company**  
**2020 - TACBAA Rate Filing**  
**Allocation Energy and Supporting Data**

Line No.	Date	(A)	(B)	(C) = (A) - (B)	Reference	Line No.
		Retail Energy Sales @ Meter Level Plus Sale for Resale	Sale for Resale (City of Escondido) <sup>1</sup>	Retail Energy Sales @ Meter Level Net of Sale for Resale		
1	Jan-20	1,479,801,189	5,325	1,479,795,864	Workpaper No. 1; Page 1.2; Lines 30; 29	1
2	Feb-20	1,365,660,000	5,023	1,365,654,977	Workpaper No. 1; Page 1.2; Lines 30; 29	2
3	Mar-20	1,322,928,660	5,047	1,322,923,613	Workpaper No. 1; Page 1.2; Lines 30; 29	3
4	Apr-20	1,330,572,103	5,030	1,330,567,073	Workpaper No. 1; Page 1.2; Lines 30; 29	4
5	May-20	1,341,195,470	5,078	1,341,190,392	Workpaper No. 1; Page 1.2; Lines 30; 29	5
6	Jun-20	1,383,002,386	5,102	1,382,997,284	Workpaper No. 1; Page 1.2; Lines 30; 29	6
7	Jul-20	1,561,336,693	5,126	1,561,331,567	Workpaper No. 1; Page 1.2; Lines 30; 29	7
8	Aug-20	1,718,324,505	5,078	1,718,319,427	Workpaper No. 1; Page 1.2; Lines 30; 29	8
9	Sep-20	1,761,022,065	5,189	1,761,016,876	Workpaper No. 1; Page 1.2; Lines 30; 29	9
10	Oct-20	1,579,115,168	5,030	1,579,110,138	Workpaper No. 1; Page 1.2; Lines 30; 29	10
11	Nov-20	1,479,871,097	5,126	1,479,865,971	Workpaper No. 1; Page 1.2; Lines 30; 29	11
12	Dec-20	1,445,419,669	5,150	1,445,414,519	Workpaper No. 1; Page 1.2; Lines 30; 29	12
13						13
14						14
15	Total	17,768,249,005	61,304	17,768,187,701	Sum Lines 1 thru 12	15

<sup>1</sup> City of Escondido sales are excluded from the KWh total because they are classified as sales to wholesale customers not retail. Forecast sales are used to develop Statements BG and BH, Revenues at Proposed Rates and Present Rates.



**Statement BD**  
**SAN DIEGO GAS & ELECTRIC COMPANY**  
**2020 - TACBAA Rate Filing**  
**January 2020 - December 2020**<sup>1</sup>  
**MWH SALES FORECAST @ Transmission Level**

Line No.	Months	(A) Total MWh Sales	(B) Sale for Resale (City of Escondido)	(C) = (A) - (B) Retail Energy Sales @ Meter Level	(D) = (C) x Line 19, Col. C Energy Sales @ Transmission Level	Reference	Line No.
1	Jan-20	1,479,801	5	1,479,796	1,540,763	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	1
2	Feb-20	1,365,660	5	1,365,655	1,421,920	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	2
3	Mar-20	1,322,929	5	1,322,924	1,377,428	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	3
4	Apr-20	1,330,572	5	1,330,567	1,385,386	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	4
5	May-20	1,341,195	5	1,341,190	1,396,447	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	5
6	Jun-20	1,383,002	5	1,382,997	1,439,977	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	6
7	Jul-20	1,561,337	5	1,561,332	1,625,658	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	7
8	Aug-20	1,718,325	5	1,718,319	1,789,114	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	8
9	Sep-20	1,761,022	5	1,761,017	1,833,571	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	9
10	Oct-20	1,579,115	5	1,579,110	1,644,169	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	10
11	Nov-20	1,479,871	5	1,479,866	1,540,836	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	11
12	Dec-20	1,445,420	5	1,445,415	1,504,966	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	12
13							13
14	Total	17,768,249	61	17,768,188	18,500,237	Sum Lines 1 thru 12	14
15							15
16	Retail Sales Forecast @ Meter Level			17,768,188		Col. C; Line 14	16
17							17
18	Transmission Loss Factor <sup>2</sup>		40,073,490			Column B / Column A	18
19		38,489,464					19
20							20
21	Retail Sales Forecast @ Transmission Level			1,0412		Col. D; Line 14	21
22					18,500,237		22
23	Olivenhain-Lake Hodges Pumped Storage Facility <sup>3</sup>				88,570	Statement BD WP; Page 4 of 5	23
24							24
25	Pumped Storage True Up Adjustment <sup>4</sup>				600	Statement BD WP; Page 5 of 5	25
26							26
27	Total Gross Load Forecast				18,589,407	Sum Lines 22 thru 26	27
28							28

<sup>1</sup> This information is used for CAISO TAC purposes as shown in Statement BL -Wholesale. The sales forecast excludes Sale for Resale.

<sup>2</sup> Per Cost Statement BB; Page 1; Line 22 of SDG&E's TO5-Cycle 2 Annual Informational Filing.

<sup>3</sup> The 1.0412 factor is used to convert the retail sales forecast at meter level up to the transmission level.

<sup>4</sup> Energy used for pumping at the Olivenhain-Lake Hodges Pumped Storage Facility is measured at 69kV and gets adjusted by a distribution loss factor to derive the Gross Load forecast.

**Statement BD**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Allocation Energy and Supporting Data**  
**Forecast Period January 2020 - December 2020**  
**MWH SALES FORECAST @ Transmission Level**

2020 (MWh)	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
<b>Olivenhain-Lake Hodges Pumping Load</b>	7,690	7,129	7,575	7,461	7,690	7,346	5,763	7,001	7,231	7,690	7,346	7,690	<b>87,612</b>

Primary Level Distribution Loss Factor      1.0109

Total Lake Hodges Pumping Load      88,570

**Statement BD**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Allocation Energy and Supporting Data**  
**Olivenhain-Lake Hodges Pumping Load Adjustment Mechanism**  
**For the 12-Month Base & True Up Period Ending December 31, 2018**

Line No.	Description	Amount	Reference	Line No.
1	Pumped Storage Facility - Actual Load	69,704	SDG&E Records	1
2	Pumped Storage Facility - Forecast Load	<u>69,110</u>	SDG&E Records	2
3	Difference	594	Line 1 Minus Line 2	3
4	Primary Level Distribution Loss Factor	<u>1.0109</u>	SDG&E Records	4
5	Pumped Storage - True Up Adjustment <sup>1</sup>	<b>600</b>	Line 3 x Line 4	5

<sup>1</sup> The Pumped Storage - True Up Adjustment reconciles the difference between the prior year's forecast and actual load data

# San Diego Gas & Electric Company

## Attachment C – (Cont'd)

### B. Statement BG - Revenue Data to Reflect Changed Rates

ER20-\_\_\_\_\_-000

**Statement BG**  
**SAN DIEGO GAS & ELECTRIC COMPANY**  
**Transmission Access Charge Balancing Account Adjustment (TACBAA) Revenues Data to Reflect Changed Rates**  
**Comparison of Revenues**  
**Rate Effective Period - Twelve Months Ending December 31, 2020**

Line No.	Customer Classes	(A)	(B)	(C) = (A) - (B)	(D) = (C) / (B)	Reference	Line No.
		(Statement BG) 2020 TACBAA Revenues @ Changed Rates	(Statement BH) 2020 TACBAA Revenues @ Present Rates <sup>1</sup>	(\$ Change)	(%) Change		
1	Residential	\$ (92,098,536)	\$ (81,579,523)	\$ (10,519,013)	12.89%	Statement BG; Page 2 of 4; Line 14	1
2						Statement BH; Page 1 of 3; Line 14	2
3	Small Commercial	\$ (35,060,788)	\$ (31,056,328)	(4,004,460)	12.89%	Statement BG; Page 2 of 4; Line 16	3
4						Statement BH; Page 1 of 3; Line 16	4
5	Medium and Large Commercial/Industrial	\$ (152,597,463)	\$ (135,168,579)	(17,428,885)	12.89%	Statement BG; Page 2 of 4; Line 18	5
6						Statement BH; Page 1 of 3; Line 18	6
7	Agriculture (PA and TOU-PA)	\$ (1,682,382)	\$ (1,490,229)	(192,153)	12.89%	Statement BG; Page 2 of 4; Line 20	7
8						Statement BH; Page 1 of 3; Line 20	8
9	Agriculture (PA-T-1)	\$ (3,424,090)	\$ (3,033,008)	(391,082)	12.89%	Statement BG; Page 2 of 4; Line 22	9
10						Statement BH; Page 1 of 3; Line 22	10
11	Street Lighting	\$ (1,382,245)	\$ (1,224,372)	(157,873)	12.89%	Statement BG; Page 2 of 4; Line 24	11
12						Statement BH; Page 1 of 3; Line 24	12
13	Grand Total	\$ (286,245,504)	\$ (253,552,038)	\$ (32,693,465)	12.89%	Sum Lines 1 through 11	13

<sup>1</sup> Present Rates are defined as rates effective pursuant to ER 19-512.

**Statement BG**  
**SAN DIEGO GAS & ELECTRIC COMPANY**  
**Transmission Access Charge Balancing Account Adjustment (TACBAA) Revenues Data to Reflect Changed Rates**  
**Rate Effective Period - Twelve Months Ending December 31, 2020**

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20		
1	Residential <sup>1</sup>	\$ (8,903,154)	\$ (7,410,034)	\$ (6,901,318)	\$ (6,176,366)	\$ (6,079,568)	\$ (6,300,548)		1
2									2
3	Small Commercial <sup>2</sup>	(2,774,429)	(2,671,226)	(2,655,541)	(2,715,417)	(2,770,089)	(2,854,433)		3
4									4
5	Medium and Large Commercial/Industrial <sup>3</sup>	(11,718,536)	(11,468,992)	(11,311,779)	(12,038,331)	(12,213,890)	(12,550,731)		5
6									6
7	Agriculture (PA and TOU-PA) <sup>4</sup>	(98,346)	(103,194)	(90,289)	(120,641)	(138,302)	(153,867)		7
8									8
9	Agriculture (PA-T-1) <sup>5</sup>	(225,474)	(233,316)	(239,323)	(271,267)	(290,449)	(305,787)		9
10									10
11	Street Lighting <sup>6</sup>	(119,572)	(113,940)	(114,049)	(113,413)	(114,280)	(114,720)		11
12									12
13	TOTAL	\$ (23,839,511)	\$ (22,000,702)	\$ (21,312,299)	\$ (21,435,436)	\$ (21,606,577)	\$ (22,280,086)		13

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total	
14	Residential <sup>1</sup>	\$ (7,816,208)	\$ (9,238,388)	\$ (9,668,592)	\$ (8,103,867)	\$ (7,316,749)	\$ (8,183,744)	\$ (92,098,536)	14
15									15
16	Small Commercial <sup>2</sup>	(3,132,497)	(3,376,901)	(3,377,838)	(3,111,001)	(2,900,542)	(2,720,875)	\$ (35,060,788)	16
17									17
18	Medium and Large Commercial/Industrial <sup>3</sup>	(13,578,997)	(14,440,822)	(14,677,911)	(13,637,866)	(13,061,462)	(11,898,146)	\$ (152,597,463)	18
19									19
20	Agriculture (PA and TOU-PA) <sup>4</sup>	(177,075)	(183,689)	(184,295)	(162,580)	(151,388)	(118,717)	\$ (1,682,382)	20
21									21
22	Agriculture (PA-T-1) <sup>5</sup>	(333,075)	(327,853)	(344,606)	(310,537)	(294,625)	(247,778)	\$ (3,424,090)	22
23									23
24	Street Lighting <sup>6</sup>	(115,200)	(114,474)	(116,741)	(113,614)	(115,874)	(116,369)	\$ (1,382,245)	24
25									25
26	TOTAL	\$ (25,153,052)	\$ (27,682,126)	\$ (28,369,982)	\$ (25,439,464)	\$ (23,840,641)	\$ (23,285,628)	\$ (286,245,504)	26

<sup>1</sup> See Stmt BG pages 3 of 4 and 4 of 4, Line 23.  
<sup>2</sup> See Stmt BG pages 3 of 4 and 4 of 4, Line 25.  
<sup>3</sup> See Stmt BG pages 3 of 4 and 4 of 4, Line 27.  
<sup>4</sup> See Stmt BG pages 3 of 4 and 4 of 4, Line 29.  
<sup>5</sup> See Stmt BG pages 3 of 4 and 4 of 4, Line 31.  
<sup>6</sup> See Stmt BG pages 3 of 4 and 4 of 4, Line 33.

**Statement BG**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Transmission Access Charge Balancing Account Adjustment (TACBAA) Revenues Data to Reflect Changed Rates**  
**Rate Effective Period - Twelve Months Ending December 31, 2020**

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jan-20 Energy (kWh)	Feb-20 Energy (kWh)	Mar-20 Energy (kWh)	Apr-20 Energy (kWh)	May-20 Energy (kWh)	Jun-20 Energy (kWh)	Reference	
1	Residential Customers	552,647,692	459,964,859	428,387,225	383,387,071	377,378,535	391,095,458	Work Paper No. 1; Page 1.2; Line 23	1
2									2
3	Small Commercial	172,217,795	165,811,676	164,838,059	168,554,774	171,948,399	177,183,923	Work Paper No. 1; Page 1.2; Line 24	3
4									4
5	Medium and Large Commercial/Industrial	727,407,593	711,917,545	702,158,824	747,258,303	758,155,802	779,064,639	Work Paper No. 1; Page 1.2; Line 25	5
6									6
7	Agriculture (PA and TOU-PA)	6,104,669	6,405,578	5,604,514	7,488,596	8,584,857	9,551,016	Work Paper No. 1; Page 1.2; Line 26	7
8									8
9	Agriculture (PA-T-1)	13,995,920	14,482,700	14,855,578	16,838,402	18,029,099	18,981,203	Work Paper No. 1; Page 1.2; Line 27	9
10									10
11	Street Lighting	7,422,195	7,072,619	7,079,413	7,039,927	7,093,700	7,121,045	Work Paper No. 1; Page 1.2; Line 28	11
12									12
13	TOTAL	1,479,795,864	1,365,654,977	1,322,923,613	1,330,567,073	1,341,190,392	1,382,997,284	Sum Lines 1 - 11	13
14									14
15		\$(kWh)	\$(kWh)	\$(kWh)	\$(kWh)	\$(kWh)	\$(kWh)		15
16									16
17	Retail TACBAA Rate (\$/kWh) @ Changed Rate	\$ (0.01611)	\$ (0.01611)	\$ (0.01611)	\$ (0.01611)	\$ (0.01611)	\$ (0.01611)	Statement BL-Retail; Page 1; Line 21	17
18									18
19									19
20		Revenues @ Changed Rates	Revenues @ Changed Rates	Revenues @ Changed Rates	Revenues @ Changed Rates	Revenues @ Changed Rates	Revenues @ Changed Rates		20
21									21
22	Residential Customers	\$ (8,903,154)	\$ (7,410,034)	\$ (6,901,318)	\$ (6,176,366)	\$ (6,079,568)	\$ (6,300,548)	Line 1 x Line 18	22
23									23
24	Small Commercial	\$ (2,774,429)	\$ (2,671,226)	\$ (2,655,541)	\$ (2,715,417)	\$ (2,770,089)	\$ (2,854,433)	Line 3 x Line 18	24
25									25
26	Medium and Large Commercial/Industrial	\$ (11,718,536)	\$ (11,468,992)	\$ (11,311,779)	\$ (12,038,331)	\$ (12,213,890)	\$ (12,550,731)	Line 5 x Line 18	26
27									27
28	Agriculture (PA and TOU-PA)	\$ (98,346)	\$ (103,194)	\$ (90,289)	\$ (120,641)	\$ (138,302)	\$ (153,867)	Line 7 x Line 18	28
29									29
30	Agriculture (PA-T-1)	\$ (225,474)	\$ (233,316)	\$ (239,323)	\$ (271,267)	\$ (290,449)	\$ (305,787)	Line 9 x Line 18	30
31									31
32	Street Lighting	\$ (119,572)	\$ (113,940)	\$ (114,049)	\$ (113,413)	\$ (114,280)	\$ (114,720)	Line 11 x Line 18	32
33									33
34	TOTAL	\$ (23,839,511)	\$ (22,000,702)	\$ (21,312,299)	\$ (21,435,436)	\$ (21,606,577)	\$ (22,280,086)	Sum Lines 23 through 33	34
35									35

**Statement BG**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Transmission Access Charge Balancing Account Adjustment (TACBAA) Revenues Data to Reflect Changed Rates**  
**Rate Effective Period - Twelve Months Ending December 31, 2020**

Line No.	Customer Classes	(M)												Reference
		(H) Jul-20 Energy (kWh)	(I) Aug-20 Energy (kWh)	(J) Sep-20 Energy (kWh)	(K) Oct-20 Energy (kWh)	(L) Nov-20 Energy (kWh)	(M) Dec-20 Energy (kWh)	(N) Total Energy (kWh)						
1	Residential Customers	485,177,377	573,456,724	600,160,895	503,033,323	454,174,386	507,991,586	5,716,855,131						Work Paper No. 1; Page 1.2; Line 23
2														
3	Small Commercial	194,444,249	209,615,190	209,673,363	193,109,909	180,046,053	168,893,522	2,176,336,912						Work Paper No. 1; Page 1.2; Line 24
4														
5	Medium and Large Commercial/Industrial	842,892,415	896,388,711	911,105,574	846,546,629	810,767,372	738,556,545	9,472,219,952						Work Paper No. 1; Page 1.2; Line 25
6														
7	Agriculture (PA and TOU-PA)	10,991,614	11,402,173	11,439,783	10,091,873	9,397,121	7,369,122	104,430,916						Work Paper No. 1; Page 1.2; Line 26
8														
9	Agriculture (PA-T-1)	20,675,050	20,350,882	21,390,790	19,276,028	18,288,347	15,380,364	212,544,363						Work Paper No. 1; Page 1.2; Line 27
10														
11	Street Lighting	7,150,862	7,105,747	7,246,471	7,052,376	7,192,692	7,223,380	85,800,427						Work Paper No.15; Page 1.2; Line 28
12														
13	TOTAL	1,561,331,567	1,718,319,427	1,761,016,876	1,579,110,138	1,479,865,971	1,445,414,519	17,768,187,701						Sum Lines 1 - 11
14														
15														
16														
17	Retail TACBAA Rate (\$/kWh) @ Changed Rate	\$ (0.01611)	\$ (0.01611)	\$ (0.01611)	\$ (0.01611)	\$ (0.01611)	\$ (0.01611)	\$ (0.01611)						Statement BL-Retail; Page 1; Line 21
18														
19														
20														
21														
22	Residential Customers	\$ (7,816,208)	\$ (9,238,388)	\$ (9,668,592)	\$ (8,103,867)	\$ (7,316,749)	\$ (8,183,744)	\$ (92,098,536)						Line 1 x Line 18
23														
24	Small Commercial	\$ (3,132,497)	\$ (3,376,901)	\$ (3,377,838)	\$ (3,111,001)	\$ (2,900,542)	\$ (2,720,875)	\$ (35,060,788)						Line 3 x Line 18
25														
26	Medium and Large Commercial/Industrial	\$ (13,578,997)	\$ (14,440,822)	\$ (14,677,911)	\$ (13,637,866)	\$ (13,061,462)	\$ (11,898,146)	\$ (152,597,463)						Line 5 x Line 18
27														
28	Agriculture (PA and TOU-PA)	\$ (177,075)	\$ (183,689)	\$ (184,295)	\$ (162,580)	\$ (151,388)	\$ (118,717)	\$ (1,682,382)						Line 7 x Line 18
29														
30	Agriculture (PA-T-1)	\$ (333,075)	\$ (327,853)	\$ (344,606)	\$ (310,537)	\$ (294,625)	\$ (247,778)	\$ (3,424,090)						Line 9 x Line 18
31														
32	Street Lighting	\$ (115,200)	\$ (114,474)	\$ (116,741)	\$ (113,614)	\$ (115,874)	\$ (116,369)	\$ (1,382,245)						Line 11 x Line 18
33														
34	TOTAL	\$ (25,153,052)	\$ (27,682,126)	\$ (28,369,982)	\$ (25,439,464)	\$ (23,840,641)	\$ (23,285,628)	\$ (286,245,504)						Sum Lines 23 through 33
35														



# San Diego Gas & Electric Company

## Attachment C – (Cont'd)

### C. Statement BH - Revenue Data to Reflect Present Rates

ER20-\_\_\_\_\_-000

**Statement BH**  
**SAN DIEGO GAS & ELECTRIC COMPANY**  
**Transmission Access Charge Balancing Account Adjustment (TACBAA) Revenue Data to Reflect Present Rates per ER 19-512**  
**Rate Effective Period - Twelve Months Ending December 31, 2020**

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20		
1	Residential <sup>1</sup>	\$ (7,886,283)	\$ (6,563,699)	\$ (6,113,086)	\$ (5,470,934)	\$ (5,385,192)	\$ (5,580,932)		1
2									2
3	Small Commercial <sup>2</sup>	(2,457,548)	(2,366,133)	(2,352,239)	(2,405,277)	(2,453,704)	(2,528,415)		3
4									4
5	Medium and Large Commercial/Industrial <sup>3</sup>	(10,380,106)	(10,159,063)	(10,019,806)	(10,663,376)	(10,818,883)	(11,117,252)		5
6									6
7	Agriculture (PA and TOU-PA) <sup>4</sup>	(87,114)	(91,408)	(79,976)	(106,862)	(122,506)	(136,293)		7
8									8
9	Agriculture (PA-T-1) <sup>5</sup>	(199,722)	(206,668)	(211,989)	(240,284)	(257,275)	(270,862)		9
10									10
11	Street Lighting <sup>6</sup>	(105,915)	(100,926)	(101,023)	(100,460)	(101,227)	(101,617)		11
12									12
13	TOTAL	\$ (21,116,687)	\$ (19,487,897)	\$ (18,878,120)	\$ (18,987,192)	\$ (19,138,787)	\$ (19,735,371)		13

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total	
14	Residential <sup>1</sup>	\$ (6,923,481)	\$ (8,183,227)	\$ (8,564,296)	\$ (7,178,286)	\$ (6,481,068)	\$ (7,249,040)	\$ (81,579,523)	14
15									15
16	Small Commercial <sup>2</sup>	(2,774,719)	(2,991,209)	(2,992,039)	(2,755,678)	(2,569,257)	(2,410,111)	\$ (31,056,328)	16
17									17
18	Medium and Large Commercial/Industrial <sup>3</sup>	(12,028,075)	(12,791,467)	(13,001,477)	(12,080,220)	(11,569,650)	(10,539,202)	\$ (135,168,579)	18
19									19
20	Agriculture (PA and TOU-PA) <sup>4</sup>	(156,850)	(162,709)	(163,246)	(144,011)	(134,097)	(105,157)	\$ (1,490,229)	20
21									21
22	Agriculture (PA-T-1) <sup>5</sup>	(295,033)	(290,407)	(305,247)	(275,069)	(260,975)	(219,478)	\$ (3,033,008)	22
23									23
24	Street Lighting <sup>6</sup>	(102,043)	(101,399)	(103,407)	(100,637)	(102,640)	(103,078)	\$ (1,224,372)	24
25									25
26	TOTAL	\$ (22,280,201)	\$ (24,520,418)	\$ (25,129,711)	\$ (22,533,902)	\$ (21,117,687)	\$ (20,626,065)	\$ (253,552,038)	26

<sup>1</sup> See Stmt BH pages 2 of 3 and 3 of 3, Line 23.  
<sup>2</sup> See Stmt BH pages 2 of 3 and 3 of 3, Line 25.  
<sup>3</sup> See Stmt BH pages 2 of 3 and 3 of 3, Line 27.  
<sup>4</sup> See Stmt BH pages 2 of 3 and 3 of 3, Line 29.  
<sup>5</sup> See Stmt BH pages 2 of 3 and 3 of 3, Line 31.  
<sup>6</sup> See Stmt BH pages 2 of 3 and 3 of 3, Line 33.

**Statement BH**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Transmission Access Charge Balancing Account Adjustment (TACBAA) Revenue Data to Reflect Present Rates per ER 19-512**  
**Rate Effective Period - Twelve Months Ending December 31, 2020**

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(F) Reference	Line No.
		Jan-20 Energy (kWh)	Feb-20 Energy (kWh)	Mar-20 Energy (kWh)	Apr-20 Energy (kWh)	May-20 Energy (kWh)	Jun-20 Energy (kWh)		
1	Residential Customers	552,647,692	459,964,859	428,387,225	383,387,071	377,378,535	391,095,458	Work Paper No. 1; Page 1.2; Line 23	1
2									2
3	Small Commercial	172,217,795	165,811,676	164,838,059	168,554,774	171,948,399	177,183,923	Work Paper No. 1; Page 1.2; Line 24	3
4									4
5	Medium and Large Commercial/Industrial	727,407,593	711,917,545	702,158,824	747,258,303	758,155,802	779,064,639	Work Paper No. 1; Page 1.2; Line 25	5
6									6
7	Agriculture (PA and TOU-PA)	6,104,669	6,405,578	5,604,514	7,488,596	8,584,857	9,551,016	Work Paper No. 1; Page 1.2; Line 26	7
8									8
9	Agriculture (PA-T-1)	13,995,920	14,482,700	14,855,578	16,838,402	18,029,099	18,981,203	Work Paper No. 1; Page 1.2; Line 27	9
10									10
11	Street Lighting	7,422,195	7,072,619	7,079,413	7,039,927	7,093,700	7,121,045	Work Paper No.1; Page 1.2; Line 28	11
12									12
13	TOTAL	1,479,795,864	1,365,654,977	1,322,923,613	1,330,567,073	1,341,190,392	1,382,997,284	Sum Lines 1 - 11	13
14									14
15									15
16									16
17									17
18	Retail TACBAA Rate (\$/kWh) @ Present Rate	\$ (0.01427)	\$ (0.01427)	\$ (0.01427)	\$ (0.01427)	\$ (0.01427)	\$ (0.01427)	Statement BL-Retail; Page 1; Line 21 FERC Docket No. ER19-512-000	18
19									19
20									20
21									21
22									22
23	Residential Customers	\$ (7,886,283)	\$ (6,563,699)	\$ (6,113,086)	\$ (5,470,934)	\$ (5,385,192)	\$ (5,580,932)	Line 1 x Line 18	23
24									24
25	Small Commercial	(2,457,548)	(2,366,133)	(2,352,239)	(2,405,277)	(2,453,704)	(2,528,415)	Line 3 x Line 18	25
26									26
27	Medium and Large Commercial/Industrial	(10,380,106)	(10,159,063)	(10,019,806)	(10,663,376)	(10,818,883)	(11,117,252)	Line 5 x Line 18	27
28									28
29	Agriculture (PA and TOU-PA)	(87,114)	(91,408)	(79,976)	(106,862)	(122,506)	(136,293)	Line 7 x Line 18	29
30									30
31	Agriculture (PA-T-1)	(199,722)	(206,668)	(211,989)	(240,284)	(257,275)	(270,862)	Line 9 x Line 18	31
32									32
33	Street Lighting	(105,915)	(100,926)	(101,023)	(100,460)	(101,227)	(101,617)	Line 11 x Line 18	33
34									34
35	TOTAL	\$ (21,116,687)	\$ (19,487,897)	\$ (18,878,120)	\$ (18,987,192)	\$ (19,138,787)	\$ (19,735,371)	Sum Lines 23 through 33	35

**Statement BH**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Transmission Access Charge Balancing Account Adjustment (TACBAA) Revenue Data to Reflect Present Rates per ER 19-512**  
**Rate Effective Period - Twelve Months Ending December 31, 2020**

Line No.	Customer Classes	(G)	(H)	(I)	(J)	(K)	(L)	(M)	Reference	Line No.
		Jul-20 Energy (kWh)	Aug-20 Energy (kWh)	Sep-20 Energy (kWh)	Oct-20 Energy (kWh)	Nov-20 Energy (kWh)	Dec-20 Energy (kWh)	Total Energy (kWh)		
1	Residential Customers	485,177,377	573,456,724	600,160,895	503,033,323	454,174,386	507,991,586	5,716,855,131	Work Paper No. 1; Page 1.2; Line 23	1
2										2
3	Small Commercial	194,444,249	209,615,190	209,673,363	193,109,909	180,046,053	168,893,522	2,176,336,912	Work Paper No. 1; Page 15.2; Line 24	3
4										4
5	Medium and Large Commercial/Industrial	842,892,415	896,388,711	911,105,574	846,546,629	810,767,372	738,556,545	9,472,219,952	Work Paper No. 1; Page 1.2; Line 25	5
6										6
7	Agriculture (PA and TOU-PA)	10,991,614	11,402,173	11,439,783	10,091,873	9,397,121	7,369,122	104,430,916	Work Paper No. 1; Page 1.2; Line 26	7
8										8
9	Agriculture (PA-T-1)	20,675,050	20,350,882	21,390,790	19,276,028	18,288,347	15,380,364	212,544,363	Work Paper No. 1; Page 1.2; Line 27	9
10										10
11	Street Lighting	7,150,862	7,105,747	7,246,471	7,052,376	7,192,692	7,223,380	85,800,427	Work Paper No. 1; Page 1.2; Line 28	11
12										12
13	TOTAL	1,561,331,567	1,718,319,427	1,761,016,876	1,579,110,138	1,479,865,971	1,445,414,519	17,768,187,701	Sum Lines 1 - 11	13
14										14
15										15
16										16
17										17
18	Retail TACBAA Rate (\$/kWh) @ Present Rate	\$ (0.01427)	\$ (0.01427)	\$ (0.01427)	\$ (0.01427)	\$ (0.01427)	\$ (0.01427)		Statement BL-Retail; Page 1; Line 21 FERC Docket No. ER19-512-000	18
19										19
20										20
21										21
22										22
23	Residential Customers	\$ (6,923,481)	\$ (8,183,227)	\$ (8,564,296)	\$ (7,178,286)	\$ (6,481,068)	\$ (7,249,040)	\$ (81,579,523)	Line 1 x Line 18	23
24										24
25	Small Commercial	(2,774,719)	(2,991,209)	(2,992,039)	(2,755,678)	(2,569,257)	(2,410,111)	(31,056,328)	Line 3 x Line 18	25
26										26
27	Medium and Large Commercial/Industrial	(12,028,075)	(12,791,467)	(13,001,477)	(12,080,220)	(11,569,650)	(10,539,202)	(135,168,579)	Line 5 x Line 18	27
28										28
29	Agriculture (PA and TOU-PA)	(156,850)	(162,709)	(163,246)	(144,011)	(134,097)	(105,157)	(1,490,229)	Line 7 x Line 18	29
30										30
31	Agriculture (PA-T-1)	(295,033)	(290,407)	(305,247)	(275,069)	(260,975)	(219,478)	(3,033,008)	Line 9 x Line 18	31
32										32
33	Street Lighting	(102,043)	(101,399)	(103,407)	(100,637)	(102,640)	(103,078)	(1,224,372)	Line 11 x Line 18	33
34										34
35	TOTAL	\$ (22,280,201)	\$ (24,520,418)	\$ (25,129,711)	\$ (22,533,902)	\$ (21,117,687)	\$ (20,626,065)	\$ (253,552,038)	Sum Lines 23 through 33	35

# San Diego Gas & Electric Company

## Attachment – C (Cont'd)

### D. Statement BK – Derivation of Retail Transmission Access Charge Balancing Account Adjustment (TACBAA)

ER20-\_\_\_\_\_-000

**Statement BK**  
**SAN DIEGO GAS & ELECTRIC COMPANY**  
**2020 - TACBAA Rate Filing**  
**TACBAA Forecast Including Franchise Fees & Uncollectible Expense**

Line No.	Components	Total TACBAA	Reference	Line No.
1	Recorded TACBAA Balance @ October 31, 2019	\$ (4,948,353)	Workpaper No. 2; Pages 2.4; Line 29	1
2	TACBAA Forecast (Nov and Dec 2019)	(6,064,983)	Workpaper No. 3; Page 3.1; Total Col; Line 32	2
3	TACBAA Projected Balance @ December 31, 2019	(11,013,336)	Line 1 + Line 3	3
4				4
5	Forecasted Net Access Charge Billings	(275,987,859)	Workpaper No. 4; Page 4.1; Col. 6; Line 3	5
6				6
7	Total TACBAA Before Franchise Fees & Uncollectible	(287,001,195)	Line 5 + Line 7	7
8				8
9	Franchise Fees @ 1.0275 %	(2,948,937)	Line 9 x 1.0275%	9
10				10
11	Uncollectibles @ 0.1730%	(496,512)	Line 9 x 0.1730%	11
12				12
13	Total Franchise Fees and Uncollectible	(3,445,449)	Line 11 + Line 13	13
14				14
15	Total TACBAA Forecast Including FF&U	\$ (290,446,644)	Line 9 + Line 15	15
16				16
17				17

# San Diego Gas & Electric Company

## Attachment – C (Cont'd)

### E. Statement BL - Retail TACBAA Rate Calculation

ER20-\_\_\_\_\_-000

**Statement BL**  
**SAN DIEGO GAS & ELECTRIC COMPANY**  
**2020 - TACBAA Rate Filing**  
**TACBAA Rate Schedule**

Line No.	Components	Total TACBAA	Reference	Line No.
1	Recorded TACBAA Balance @ October 31, 2019	\$ (4,948,353)	Workpaper No. 2; Pages 2.4; Line 29	1
2	TACBAA Forecast (Nov and Dec 2019)	(6,064,983)	Workpaper No. 3; Page 3.1; Total Col; Line 32	2
3	TACBAA Projected Balance @ December 31, 2019	(11,013,336)	Line 1 + Line 3	3
4	Forecasted Net Access Charge Billings	(275,987,859)	Workpaper No. 4; Page 4.1; Col. 6; Line 3	4
5	Total TACBAA Before Franchise Fees & Uncollectible	(287,001,195)	Line 5 + Line 7	5
6	Franchise Fees @ 1.0275 %	(2,948,937)	Line 9 x 1.0275%	6
7	Uncollectible @ 0.1730%	(496,512)	Line 9 x 0.1730%	7
8	Total Franchise Fees and Uncollectible	(3,445,449)	Line 11 + Line 13	8
9	Total TACBAA Forecast Including FF&U	\$ (290,446,644)	Line 9 + Line 15	9
10	S: = 12 Months KWh Ending October 31, 2019	18,026,261,686	Statement BD; Page 1 of 5; Column C; Line 15	10
11	Total TACBAA Rate (\$/kWh)	\$ (0.01611)	Line 17 / Line 19	11
12				12
13				13
14				14
15				15
16				16
17				17
18				18
19				19
20				20
21				21



# San Diego Gas & Electric Company

Attachment – C (Cont'd)

F. TACBAA Work Papers

ER20-\_\_\_\_\_-000

Work Paper – 1  
Recorded Sales and Forecast Sales





Work Paper – 2  
Monthly TACBAA Detailed Activities

**San Diego Gas & Electric Company**  
**TACBAA Monthly Activities Applicable**  
**For the 12-Month Period Ending October 31, 2019**  
**2020 TACBAA Rate Filing**

Line No.	Description	November 2018	December 2018	January 2019	February 2019
1	Beginning Balance (Overcollection)/Undercollection	\$ 14,178,936	\$ 15,912,518	\$ 18,349,964	\$ 19,030,434
2					
3	TACBAA Refund				
4	Kwh	1,527,398,269	1,504,985,653	1,528,948,602	1,526,583,534
5	TACBAA Rate	\$ (0.01614)	\$ (0.01614)	\$ (0.015205)	\$ (0.01427)
6	Total TACBAA Refund Including Franchise Fees & Uncollectibles	\$ (24,652,208)	\$ (24,290,468)	\$ (23,247,663)	\$ (21,784,347)
7	Franchise Fees & Uncollectible Expense Adjustment <sup>1</sup>	(292,728)	(288,432)	(276,050)	(258,674)
8	Total TACBAA Refund	\$ (24,359,480)	\$ (24,002,036)	\$ (22,971,614)	\$ (21,525,673)
9					
10	Monthly ISO Charge Types (Revenues=Cr.) / Expenses=Dr.:				
11	CT 372 - HVAC Due ISO - Expense	\$ 18,235,695	\$ 17,059,550	\$ 18,414,952	\$ 18,352,398
12					
13	CT 374 - HVAC Due PTO - Revenues	(40,922,927)	(38,695,452)	(40,788,152)	(41,743,201)
14					
15	Total Monthly Related (Revenues)/Expenses:	\$ (22,687,232)	\$ (21,635,902)	\$ (22,373,199)	\$ (23,390,803)
16					
17					
18	Net Monthly Activity (Net of Refunds, Revenues, & Expenses)	\$ 1,672,248	\$ 2,366,134	\$ 598,414	\$ (1,865,130)
19					
20	Interest Expense Calculations:				
21	Beginning Balance for Interest Calculation	\$ 12,200,961	\$ 12,200,961	\$ 18,349,964	\$ 19,030,434
22	Monthly Activity Included in Interest Calculation Basis	2,758,816	4,778,007	299,207	(932,565)
23	Basis for Interest Expense Calculation	14,959,777	16,978,968	18,649,171	18,097,869
24	Monthly Interest Rate	0.41000%	0.42000%	0.44000%	0.40000%
25	Interest Expense	\$ 61,335	\$ 71,312	\$ 82,056	\$ 72,391
26					
27	Other Adjustment (rounding)	(1)	-	-	(1)
28					
29	<b>Ending Balance (Overcollection)/Undercollection</b>	<b>\$ 15,912,518</b>	<b>\$ 18,349,964</b>	<b>\$ 19,030,434</b>	<b>\$ 17,237,695</b>
30					
31					
32	<b><u>Franchise Fees &amp; Uncollectible Adjustment:</u></b>				
33	Franchise Fees Expense Rate	1.0277%	1.0277%	1.0277%	1.0277%
34	Uncollectible Expense Adjustment Rate	0.1740%	0.1740%	0.1740%	0.1740%
35	Combined FF&U Adjustment Rate	1.2017%	1.2017%	1.2017%	1.2017%

<sup>1</sup> The Franchise Fees and Uncollectible expense amount adjustment are removed from the amount collected from/(refunded) to customers to properly balance in the TRBAA mechanism only the approved revenue credits and CAISO charges.

**San Diego Gas & Electric Company**  
**TACBAA Monthly Activities Applicable**  
**For the 12-Month Period Ending October 31, 2019**  
**2020 TACBAA Rate Filing**

Line No.	Description	March 2019	April 2019	May 2019	June 2019
1	Beginning Balance (Overcollection)/Undercollection	\$ 17,237,695	\$ 16,345,948	\$ 15,035,490	\$ 15,053,594
2					
3	TACBAA Refund				
4	Kwh	1,369,831,037	1,292,385,891	1,425,805,203	1,376,369,694
5	TACBAA Rate	\$ (0.01427)	\$ (0.01427)	\$ (0.01427)	\$ (0.01427)
6	Total TACBAA Refund Including Franchise Fees & Uncollectibles	\$ (19,547,489)	\$ (18,442,347)	\$ (20,346,240)	\$ (19,640,796)
7	Franchise Fees & Uncollectible Expense Adjustment <sup>1</sup>	(232,113)	(218,990)	(241,597)	(233,221)
8	Total TACBAA Refund	\$ (19,315,376)	\$ (18,223,357)	\$ (20,104,643)	\$ (19,407,575)
9					
10	Monthly ISO Charge Types (Revenues=Cr.) / Expenses=Dr.:				
11	CT 372 - HVAC Due ISO - Expense	\$ 15,709,087	\$ 15,386,682	\$ 14,757,349	\$ 18,044,765
12					
13	CT 374 - HVAC Due PTO - Revenues	(35,989,932)	(34,990,947)	(34,912,934)	(36,760,485)
14					
15	Total Monthly Related (Revenues)/Expenses:	\$ (20,280,845)	\$ (19,604,264)	\$ (20,155,585)	\$ (18,715,720)
16					
17					
18	Net Monthly Activity (Net of Refunds, Revenues, & Expenses)	\$ (965,469)	\$ (1,380,908)	\$ (50,943)	\$ 691,854
19					
20	Interest Expense Calculations:				
21	Beginning Balance for Interest Calculation	\$ 17,237,695	\$ 16,345,948	\$ 15,035,490	\$ 15,053,594
22	Monthly Activity Included in Interest Calculation Basis	(482,734)	(690,454)	(25,471)	345,927
23	Basis for Interest Expense Calculation	16,754,960	15,655,495	15,010,018	15,399,521
24	Monthly Interest Rate	0.44000%	0.45000%	0.46000%	0.45000%
25	Interest Expense	\$ 73,722	\$ 70,450	\$ 69,046	\$ 69,298
26					
27	Other Adjustment (rounding)	1	(1)	1	-
28					
29	<b>Ending Balance (Overcollection)/Undercollection</b>	<b>\$ 16,345,948</b>	<b>\$ 15,035,490</b>	<b>\$ 15,053,594</b>	<b>\$ 15,814,746</b>
30					
31					
32	<b><u>Franchise Fees &amp; Uncollectible Adjustment:</u></b>				
33	Franchise Fees Expense Rate	1.0277%	1.0277%	1.0277%	1.0277%
34	Uncollectible Expense Adjustment Rate	0.1740%	0.1740%	0.1740%	0.1740%
35	Combined FF&U Adjustment Rate	1.2017%	1.2017%	1.2017%	1.2017%

<sup>1</sup> The Franchise Fees and Uncollectible expense amount adjustment are removed from the amount collected from/(refunded) to customers to properly balance in the TRBAA mechanism only the approved revenue credits and CAISO charges.

**San Diego Gas & Electric Company**  
**TACBAA Monthly Activities Applicable**  
**For the 12-Month Period Ending October 31, 2019**  
**2020 TACBAA Rate Filing**

Line No.	Description	July 2019	August 2019	September 2019	October 2019
1	Beginning Balance (Overcollection)/Undercollection	\$ 15,814,746	\$ 11,736,295	\$ 6,139,969	\$ 1,692,059
2					
3	TACBAA Refund				
4	Kwh	1,466,292,065	1,630,533,993	1,827,929,133	1,549,198,612
5	TACBAA Rate	\$ (0.01427)	\$ (0.01427)	\$ (0.01427)	\$ (0.01427)
6	Total TACBAA Refund Including Franchise Fees & Uncollectibles	\$ (20,923,988)	\$ (23,267,720)	\$ (26,084,549)	\$ (22,107,064)
7	Franchise Fees & Uncollectible Expense Adjustment <sup>1</sup>	(248,458)	(276,288)	(309,736)	(262,506)
8	Total TACBAA Refund	\$ (20,675,530)	\$ (22,991,432)	\$ (25,774,813)	\$ (21,844,558)
9					
10	Monthly ISO Charge Types (Revenues=Cr.) / Expenses=Dr.:				
11	CT 372 - HVAC Due ISO - Expense	\$ 19,283,892	\$ 21,444,452	\$ 22,996,266	\$ 22,280,674
12					
13	CT 374 - HVAC Due PTO - Revenues	(44,102,466)	(50,074,121)	(53,236,572)	(50,758,172)
14					
15	Total Monthly Related (Revenues)/Expenses:	\$ (24,818,574)	\$ (28,629,669)	\$ (30,240,306)	\$ (28,477,499)
16					
17					
18	Net Monthly Activity (Net of Refunds, Revenues, & Expenses)	\$ (4,143,044)	\$ (5,638,237)	\$ (4,465,494)	\$ (6,632,940)
19					
20	Interest Expense Calculations:				
21	Beginning Balance for Interest Calculation	\$ 15,814,746	\$ 11,736,295	\$ 6,139,969	\$ 1,692,059
22	Monthly Activity Included in Interest Calculation Basis	(2,071,522)	(2,819,118)	(2,232,747)	(3,316,470)
23	Basis for Interest Expense Calculation	13,743,224	8,917,176	3,907,222	(1,624,412)
24	Monthly Interest Rate	0.47000%	0.47000%	0.45000%	0.46000%
25	Interest Expense	\$ 64,593	\$ 41,911	\$ 17,582	\$ (7,472)
26					
27	Other Adjustment (rounding)	(1)	-	1	1
28					
29	<b>Ending Balance (Overcollection)/Undercollection</b>	<b>\$ 11,736,295</b>	<b>\$ 6,139,969</b>	<b>\$ 1,692,059</b>	<b>\$ (4,948,353)</b>
30					
31					
32	<b><u>Franchise Fees &amp; Uncollectible Adjustment:</u></b>				
33	Franchise Fees Expense Rate	1.0277%	1.0277%	1.0277%	1.0277%
34	Uncollectible Expense Adjustment Rate	0.1740%	0.1740%	0.1740%	0.1740%
35	Combined FF&U Adjustment Rate	1.2017%	1.2017%	1.2017%	1.2017%

<sup>1</sup> The Franchise Fees and Uncollectible expense amount adjustment are removed from the amount collected from/(refunded) to customers to properly balance in the TRBAA mechanism only the approved revenue credits and CAISO charges.



**San Diego Gas & Electric Company**  
**TACBAA Monthly Activities Applicable**  
**For the 12-Month Period Ending October 31, 2019**  
**2020 TACBAA Rate Filing**

Line No.	Description	Total	Reference	Line No.
1	Beginning Balance (Overcollection)/Undercollection	\$ 14,178,936	Previous Month's Balance	1
2				2
3	TACBAA Refund			3
4	Kwh	18,026,261,686	Work Paper No. 1; Page 1.1; Line 32 TACBAA Rates; ER 18-416 (Nov & Dec 2018); ER19-512 (2019)	4
5	TACBAA Rate			5
6	Total TACBAA Refund Including Franchise Fees & Uncollectibles	\$ (264,334,879)	Line 4 x Line 5	6
7	Franchise Fees & Uncollectible Expense Adjustment <sup>1</sup>	(3,138,793)	(Line 6 / (1+ Line 35)) * Line 35	7
8	Total TACBAA Refund	\$ (261,196,086)	Line 6 - Line 7	8
9				9
10	Monthly ISO Charge Types (Revenues=Cr.) / Expenses=Dr.:			10
11	CT 372 - HVAC Due ISO - Expense	\$ 221,965,762	CT 372 - HVAC Due ISO	11
12				12
13	CT 374 - HVAC Due PTO - Revenues	(502,975,361)	CT 374 - HVAC Due PTO	13
14				14
15	Total Monthly Related (Revenues)/Expenses:	\$ (281,009,599)	Sum Lines 11 through 13	15
16				16
17				17
18	Net Monthly Activity (Net of Refunds, Revenues, & Expenses)	\$ (19,813,513)	Minus Line 8 + Line 15	18
19				19
20	Interest Expense Calculations:			20
21	Beginning Balance for Interest Calculation		Beg. Monthly Balances Effective Jan 2019	21
22	Monthly Activity Included in Interest Calculation Basis		Interest Calculation Basis	22
23	Basis for Interest Expense Calculation		Line 21 + Line 22	23
24	Monthly Interest Rate		FERC Monthly Rates	24
25	Interest Expense	\$ 686,224	Line 23 x Line 24	25
26				26
27	Other Adjustment (rounding)	-	Other Adjustment (rounding)	27
28				28
29	<b>Ending Balance (Overcollection)/Undercollection</b>	<b>\$ (4,948,353)</b>	Line 1 + Line 18 + Line 25 + Line 27	29
30				30
31				31
32	<b><u>Franchise Fees &amp; Uncollectible Adjustment:</u></b>			32
33	Franchise Fees Expense Rate			33
34	Uncollectible Expense Adjustment Rate			34
35	Combined FF&U Adjustment Rate		Franchise Fees & Uncollectible Rate	35

<sup>1</sup> The Franchise Fees and Uncollectible expense amount adjustment are removed from the amount collected from/(refunded) to customers to properly balance in the TRBAA mechanism only the approved revenue credits and CAISO charges.

Work Paper – 3  
Projected Change for the Remaining  
Months of the Year  
(November & December 2019)

**San Diego Gas & Electric Company**  
**2020 TACBAA Rate Filing**  
**Projected Change for the Remaining Months of the Year (November & December 2019)**

Line No.	Description	Forecast	Forecast	Total	Reference	Line No.
		November 2019	December 2019			
1	Beginning Balance (Overcollection)/Undercollection	\$ (4,948,353)	\$ (9,150,025)	\$ (4,948,353)	Previous Month's Balance	1
2						2
3	TACBAA Refund					3
4	Kwh	1,483,840,913	1,500,434,531	2,984,275,444	Forecast Sales in Nov & Dec 2019 (Page 3.2, Line 32)	4
5	TACBAA Rate	\$ (0,01427)	\$ (0,01427)		TACBAA Rates; ER19-512-000	5
6	Total TACBAA Refund Including Franchise Fees & Uncollectibles	\$ (21,174,410)	\$ (21,411,201)	\$ (42,585,611)	Line 4 x Line 5	6
7	Franchise Fees & Uncollectible Expense Adjustment <sup>1</sup>	(251,431)	(254,243)	(505,675)	(Line 6 / (1+ Line 37)) * Line 37	7
8	Total TACBAA Refund	\$ (20,922,978)	\$ (21,156,958)	\$ (42,079,936)	Line 6 - Line 7	8
9						9
10	Monthly ISO Charge Types (Revenues=Cr.)/Expenses=Dr.:					10
11	CT 372 - HVAC Due ISO - Expense	\$ 21,251,000	\$ 19,450,000	\$ 40,701,000	Estimated CT 372 - HVAC Due ISO	11
12						12
13	CT 374 - HVAC Due PTO - Revenues	\$ (46,344,000)	\$ (42,424,000)	(88,768,000)	Estimated CT 374 - HVAC Due PTO	13
14						14
15	Total Monthly Related (Revenues)/Expenses:	\$ (25,093,000)	\$ (22,974,000)	\$ (48,067,000)	Sum Lines 11 through 13	15
16						16
17						17
18	Net Monthly Activity (Net of Refunds, Revenues, & Expenses)	\$ (4,170,022)	\$ (1,817,042)	\$ (5,987,064)	Minus Line 8 + Line 15	18
19						19
20	Interest Expense Calculations:					20
21	Beginning Balance for Interest Calculation	\$ (4,948,353)	\$ (9,150,025)		Beginning Monthly Balances	21
22	Monthly Activity Included in Interest Calculation Basis	(2,085,011)	(908,521)		Interest Calculation Basis	22
23	Basis for Interest Expense Calculation	(7,033,364)	(10,058,546)		Line 21 + Line 22	23
24	Monthly Interest Rate	0.45%	0.46%		FERC Monthly Rates	24
25	Interest Expense	\$ (31,650)	\$ (46,269)	\$ (77,919)	Line 23 x Line 24	25
26						26
27	Other Adjustment			-	Other Adjustment	27
28						28
29	<b>Estimated Ending Balance (Overcollection)/Undercollection Forecast</b>	<b>\$ (9,150,025)</b>	<b>\$ (11,013,336)</b>	<b>\$ (11,013,336)</b>	Line 1 + Line 18 + Line 25 + Line 27	29
30						30
31	<b>Net Monthly Activity Forecast</b>	<b>\$ (4,201,672)</b>	<b>\$ (1,863,312)</b>	<b>\$ (6,064,983)</b>	Line 18 + Line 25	31
32						32
33						33
34	<b><u>Franchise Fees &amp; Uncollectible Adjustment:</u></b>					34
35	Franchise Fees Expense Rate	1.0277%	1.0277%			35
36	Uncollectible Expense Adjustment Rate	0.1740%	0.1740%			36
37	Combined FF&U Adjustment Rate	1.2017%	1.2017%		Franchise Fees & Uncollectible Rate	37

<sup>1</sup> The Franchise Fees and Uncollectible expense amount adjustment are removed from the amount collected from/(refunded) to customers to properly balance in the TRBAA mechanism only the approved revenue credits and CAISO charges.

**San Diego Gas & Electric  
Forecast Billing Determinants for the 12-Month Period: January 2019 - December 2019**

Line No.	System Delivery Determinants	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
1	<b>Customer Class Deliveries (MWh)</b>													
2	Residential	589,443	498,039	468,966	422,089	421,884	446,559	521,909	556,940	629,735	539,552	475,848	533,999	6,104,963
3	Small Commercial	181,538	174,652	173,551	169,258	176,375	173,321	205,536	207,120	222,629	201,732	183,355	222,629	2,262,447
4	Med. & Large Comm./Ind.	719,859	707,472	708,036	737,773	753,790	792,388	856,089	850,747	922,610	843,153	791,062	757,685	9,440,665
5	Agriculture (PA)	5,533	6,060	5,756	6,850	7,696	9,196	10,251	10,037	10,493	9,213	8,190	6,490	95,767
6	Agriculture (PA-T-1)	14,979	15,034	15,763	17,243	18,731	21,179	22,926	21,963	23,433	22,768	18,798	16,074	226,892
7	Lighting	6,936	6,627	6,638	6,479	6,526	6,744	6,823	6,491	6,797	6,532	6,587	6,807	79,987
8	Sale for Resale	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	153.8
9	<b>Total System</b>	1,518,301	1,407,897	1,378,724	1,359,704	1,385,017	1,463,399	1,623,547	1,653,311	1,815,710	1,620,963	1,483,854	1,500,447	18,210,874
10														
11	<b>Total System - EXCLUDING Sale for Resale</b>	1,518,288	1,407,884	1,378,711	1,359,692	1,385,004	1,463,386	1,623,534	1,653,298	1,815,697	1,620,950	1,483,841	1,500,435	18,210,720
12														
13														
14	<b>INPUT FROM FORECAST:</b>													
15	<b>Medium &amp; Large Details - Deliveries in MWh:</b>													
16	Med & Large C/I (AD)	2,048	2,046	2,068	2,000	2,068	2,164	2,291	2,375	2,582	2,310	2,069	1,924	25,945
17	Med & Large C/I (AL+AY+DGR)	649,733	642,587	644,118	669,322	685,205	726,592	781,227	782,812	845,678	774,797	722,962	688,733	8,613,766
18	Med & Large C/I (A6)	68,077	62,839	61,850	66,451	66,517	63,632	72,571	65,560	74,351	66,045	66,031	67,028	800,953
19	Total	719,859	707,472	708,036	737,773	753,790	792,388	856,089	850,747	922,610	843,153	791,062	757,685	9,440,665
20														

Line No.	System Delivery Determinants	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
21	<b>Customer Class Deliveries (RWh)</b>													
22	Residential	589,442	498,039,394	468,966,460	422,088,538	421,884,409	446,558,824	521,908,767	556,939,676	629,734,825	539,552,481	475,847,516	533,998,804	6,104,962,512
23	Small Commercial	181,537,590	174,651,504	173,551,399	169,258,161	176,375,498	187,320,885	205,536,482	207,120,271	222,629,026	201,731,872	183,354,798	222,629,026	2,262,446,604
24	Med. & Large Comm./Ind.	719,858,720	707,472,400	708,036,071	737,772,971	753,790,400	792,387,691	856,088,723	850,747,427	922,610,270	843,152,515	791,062,488	757,685,190	9,440,664,866
25	Agriculture (PA)	5,533,302	6,060,260	5,756,300	6,850,316	7,696,254	9,196,454	10,251,269	10,036,561	10,493,000	9,213,457	8,190,235	6,489,977	95,767,385
26	Agriculture (PA-T-1)	14,979,454	15,033,835	15,762,943	17,242,782	18,731,425	21,178,612	22,926,046	21,963,060	23,433,453	20,767,556	18,798,470	16,074,224	226,891,840
27	Lighting	6,936,300	6,626,605	6,637,744	6,478,801	6,525,985	6,743,543	6,823,155	6,490,950	6,796,854	6,532,494	6,587,406	6,807,218	79,987,055
28	Sale for Resale	12.816	12.816	12.816	12.816	12.816	12.816	12.816	12.816	12.816	12.816	12.816	12.816	153,792
29	<b>Total System</b>	1,518,301,000	1,407,896,814	1,378,723,733	1,359,704,385	1,385,016,787	1,463,398,825	1,623,547,258	1,653,310,761	1,815,710,244	1,620,963,171	1,483,853,729	1,500,447,347	18,210,874,054
30														
31	<b>Total System - EXCLUDING Sale for Resale</b>	1,518,288,184	1,407,883,998	1,378,710,917	1,359,691,569	1,385,003,971	1,463,386,009	1,623,534,442	1,653,297,945	1,815,697,428	1,620,950,355	1,483,840,913	1,500,434,531	18,210,720,262
32														
33														
34	<b>INPUT FROM FORECAST:</b>													
35	<b>Medium &amp; Large Details - Deliveries in RWh:</b>													
36	Med & Large C/I (AD)	2,048,335	2,045,567	2,067,869	1,999,918	2,067,678	2,163,812	2,291,201	2,375,442	2,581,591	2,310,040	2,069,116	1,924,334	25,944,903
37	Med & Large C/I (AL+AY+DGR)	649,733,220	642,587,412	644,118,132	669,321,752	685,205,434	726,591,823	781,226,912	782,811,925	845,677,819	774,797,086	722,961,958	688,733,004	8,613,766,477
38	Med & Large C/I (A6)	68,077,165	62,839,421	61,850,070	66,451,301	66,517,288	63,632,056	72,570,610	65,560,060	74,350,860	66,045,389	66,031,414	67,027,852	800,953,486
39	Total	719,858,720	707,472,400	708,036,071	737,772,971	753,790,400	792,387,691	856,088,723	850,747,427	922,610,270	843,152,515	791,062,488	757,685,190	9,440,664,866
40														

**Work Paper – 4**  
**Forecasted Net Access Charge Billings**

**San Diego Gas & Electric Co.  
January 1, 2020 Forecasted Net Access Charge Billings  
Based on Filed Annual TRR/TRBA and Load Data**

TAC Components:									
Line No	Filed Annual TRR (\$) <sup>[1]</sup>	Filed Annual Gross Load (MWh) <sup>[2]</sup>	HV Utility Specific Rate (\$/MWh) <sup>[3]</sup> = [1]/[2]	TAC Rate (\$/MWh) <sup>[4]</sup> = total [1]/total [2]	TAC Amount (\$) <sup>[5]</sup> = ([2]) * [4]	Net TAC (Benefit)/Burden Amount (\$) <sup>[6]</sup> = ([5] - [1])	Line No		
1	\$ 788,444,597	85,012,937	\$ 9.2744	\$ 12.3098	\$ 1,046,494,765	\$ 258,050,168	1		
2	\$ 861,655,306	87,036,035	\$ 9.9000	\$ 12.3098	\$ 1,071,398,755	\$ 209,743,449	2		
3	\$ 504,820,290	18,589,407	\$ 27.1563	\$ 12.3098	\$ 228,832,431	\$ (275,987,859)	3		
4	\$ 30,020,588	2,507,620	\$ 11.9717	\$ 12.3098	\$ 30,868,375	\$ 847,786	4		
5	\$ 1,171,341	257,416	\$ 4.5504	\$ 12.3098	\$ 3,168,747	\$ 1,997,406	5		
6	\$ 824,482	144,652	\$ 5.6998	\$ 12.3098	\$ 1,780,641	\$ 956,159	6		
7	\$ 16,189,539	1,065,579	\$ 15.1932	\$ 12.3098	\$ 13,117,096	\$ (3,072,443)	7		
8	\$ 34,962,315	2,180,985	\$ 16.0305	\$ 12.3098	\$ 26,847,554	\$ (8,114,761)	8		
9	\$ 3,139,029	1,119,215	\$ 2.8047	\$ 12.3098	\$ 13,777,346	\$ 10,638,317	9		
10	\$ 26,071,625	-	\$ -	\$ 12.3098	\$ 0	\$ (26,071,625)	10		
11	\$ 3,391,289	-	\$ -	\$ 12.3098	\$ 0	\$ (3,391,289)	11		
12	\$ 122,395,690	-	\$ -	\$ 12.3098	\$ 0	\$ (122,395,690)	12		
13	\$ 14,351,568	-	\$ -	\$ 12.3098	\$ 0	\$ (14,351,568)	13		
14	\$ 1,216,387	372,179	\$ 3.2683	\$ 12.3098	\$ 4,581,460	\$ 3,365,073	14		
15	\$ -	544,970	\$ -	\$ 12.3098	\$ 6,708,488	\$ 6,708,488	15		
16	\$ 34,708,924	-	\$ -	\$ 12.3098	\$ 0	\$ (34,708,924)	16		
17	\$ 881,085	-	\$ -	\$ 12.3098	\$ 0	\$ (881,085)	17		
18	\$ 3,331,612	-	\$ -	\$ 12.3098	\$ 0	\$ (3,331,612)	18		
19	\$ 2,447,575,658	198,830,995	\$ -	\$ 12.3098	\$ 2,447,575,658	\$ (0)	19		
20							20		

Work Paper – 5  
CAISO PTO HVTRR Input Form

**San Diego Gas & Electric Co.**  
**2020 Forecasted Net Access Charge Billings**

HIGH VOLTAGE AND LOW VOLTAGE COMPONENTS				Info Only
PTO		Total HV Filed TRR	Total LV Filed TRR	Combined TRR
PG&E	Base TRR	977,113,947	1,259,379,846	2,236,493,793
	TRBAA	(183,646,502)	(53,736,487)	(237,382,989)
	Standby Credit	(5,022,848)	(6,388,556)	(11,411,404)
	Total	788,444,597	1,199,254,803	1,987,699,400
	Gross Load	85,012,937	85,012,937	85,012,937
	Utility Specific Access Charges (\$/MWh)	9.2744	14.1067	23.3811
	TRR - Eff. Date - Docket#	1/1/2020 ER19-13		
TRBA - Eff. Date - Docket#	1/1/2020 ER20-100			
SCE	Base TRR	929,239,816	28,454,413	957,694,229
	TRBAA	(61,021,516)	(220,709)	(61,242,225)
	Standby Credit	(6,562,994)	(200,967)	(6,763,961)
	Total	861,655,306	28,032,737	889,688,043
	Gross Load	87,036,035	87,036,035	87,036,035
	Utility Specific Access Charges (\$/MWh)	9.9000	0.3221	10.2221
	TRR - Eff. Date - Docket#	1/1/2020 ER19-1553		
TRBA - Eff. Date - Docket#	1/1/2020 ER20-268			
SDG&E	Base TRR	532,184,515	333,270,527	865,455,042
	TRBAA	(19,022,459)	(340,171)	(19,362,630)
	Standby Credit	(8,341,766)	(5,223,874)	(13,565,640)
	Total	504,820,290	327,706,482	832,526,772
	Gross Load	18,589,407	18,589,407	18,589,407
	Utility Specific Access Charges (\$/MWh)	27.1563	17.6287	44.7850
	TRR - Eff. Date - Docket#	1/1/2020 - ER20-503		
TRBA - Eff. Date - Docket#	1/1/2020 - ER20-524			
Vernon	Base TRR	3,130,395		3,130,395
	TRBAA	8,634		8,634
	Standby Credit	-		-
	Total	3,139,029		3,139,029
	Gross Load	1,119,215		1,119,215
	Utility Specific Access Charges (\$/MWh)	2.8047		2.8047
	TRR - Eff. Date - Docket#	1/1/2020 NJ20-3		
TRBA - Eff. Date - Docket#	1/1/2020 NJ20-3			
Anaheim	Base TRR	30,000,000		30,000,000
	TRBAA	20,588		20,588
	Standby Credit	-		-
	Total	30,020,588		30,020,588
	Gross Load	2,507,620		2,507,620
	Utility Specific Access Charges (\$/MWh)	11.9717		11.9717
	TRR - Eff. Date - Docket#	7/1/2011 ER11-3594		
TRBA - Eff. Date - Docket#	1/1/2018 NJ19-5			



**San Diego Gas & Electric Co.**  
**2020 Forecasted Net Access Charge Billings**

HIGH VOLTAGE AND LOW VOLTAGE COMPONENTS				Info Only
PTO		Total HV Filed TRR	Total LV Filed TRR	Combined TRR
Azusa	Base TRR	1,165,163		1,165,163
	TRBAA	6,178		6,178
	Standby Credit	-		-
	Total	1,171,341		1,171,341
	Gross Load	257,416		257,416
	Utility Specific Access Charges (\$/MWh)	4.5504		4.5504
	TRR - Eff. Date - Docket#	1/1/2019 NJ19-7		
TRBA - Eff. Date - Docket#	1/1/2019 NJ19-7			
Banning	Base TRR	825,727	-	825,727
	TRBAA	(1,245)	-	(1,245)
	Standby Credit	-	-	-
	Total	824,482	-	824,482
	Gross Load	144,652	144,652	144,652
	Utility Specific Access Charges (\$/MWh)	5.6998	0.0000	5.6998
	TRR - Eff. Date - Docket#	1/1/2019 NJ19-6		
TRBA - Eff. Date - Docket#	1/1/2019 NJ19-6			
Pasadena	Base TRR	16,138,550		16,138,550
	TRBAA	50,989		50,989
	Standby Credit	-		-
	Total	16,189,539		16,189,539
	Gross Load	1,065,579		1,065,579
	Utility Specific Access Charges (\$/MWh)	15.1932		15.1932
	TRR - Eff. Date - Docket#	3/1/2019 ER19-1136		
TRBA - Eff. Date - Docket#	1/1/2019 NJ19-8			
Riverside	Base TRR	34,912,491		34,912,491
	TRBAA	49,824		49,824
	Standby Credit	-		-
	Total	34,962,315		34,962,315
	Gross Load	2,180,985		2,180,985
	Utility Specific Access Charges (\$/MWh)	16.0305		16.0305
	TRR - Eff. Date - Docket#	1/1/2019 NJ19-4		
TRBA - Eff. Date - Docket#	1/1/2019 NJ19-4			
DATC Path 15	Base TRR	25,571,090		25,571,090
	TRBAA	500,535		500,535
	Standby Credit	-		-
	Total	26,071,625		26,071,625
	Gross Load	-		-
	Utility Specific Access Charges (\$/MWh)	0.0000		0.0000
	TRR - Eff. Date - Docket#	04/20/2017 ER17-998		
TRBA - Eff. Date - Docket#	1/1/2020 ER20-281			

**San Diego Gas & Electric Co.**  
**2020 Forecasted Net Access Charge Billings**

HIGH VOLTAGE AND LOW VOLTAGE COMPONENTS				Info Only
PTO		Total HV Filed TRR	Total LV Filed TRR	Combined TRR
Startrans IO	Base TRR	3,330,000		3,330,000
	TRBAA	61,289		61,289
	Standby Credit	-		-
	Total	3,391,289		3,391,289
	Gross Load	-		-
	Utility Specific Access Charges (\$/MWh)	0.0000		0.0000
	TRR - Eff. Date - Docket# TRBA - Eff. Date - Docket#	1/6/2016 ER16-2192 1/1/2020 ER20-346		
Trans Bay Cable	Base TRR	124,393,100	9,506,900	133,900,000
	TRBAA	(1,997,410)	(114,775)	(2,112,185)
	Standby Credit	-	-	-
	Total	122,395,690	9,392,125	131,787,815
	Gross Load	-	-	-
	Utility Specific Access Charges (\$/MWh)	0.0000	0.1105	0.0000
	TRR - Eff. Date - Docket# TRBA - Eff. Date - Docket#	4/23/2017 ER16-2632 1/1/2019 ER19-740		
Citizens Sunrise	Base TRR	14,286,271	-	14,286,271
	TRBAA	65,287	-	65,287
	Standby Credit	-	-	-
	Total	14,351,558	-	14,351,558
	Gross Load	-	-	-
	Utility Specific Access Charges (\$/MWh)	0.0000	0.0000	0.0000
	TRR - Eff. Date - Docket# TRBA - Eff. Date - Docket#	6/1/2019 ER19-2000 1/1/2020 ER20-61		
Colton	Base TRR	1,209,989	-	1,209,989
	TRBAA	6,397	-	6,397
	Standby Credit	-	-	-
	Total	1,216,387	-	1,216,387
	Gross Load	372,179	-	372,179
	Utility Specific Access Charges (\$/MWh)	3.2683	0.0000	3.2683
	TRR - Eff. Date - Docket# TRBA - Eff. Date - Docket#	1/1/2019 NJ19-9 1/1/2019 NJ19-9		
VEA	Base TRR	-	3,413,410	3,413,410
	TRBAA	-	-	-
	Standby Credit	-	-	-
	Total	-	3,413,410	3,413,410
	Gross Load	544,970	544,970	544,970
	Utility Specific Access Charges (\$/MWh)	0.0000	6.2635	6.2635
	TRR - Eff. Date - Docket# TRBA - Eff. Date - Docket#	3/1/2017 ER17-727 3/1/2017 ER17-727		

**San Diego Gas & Electric Co.**  
**2020 Forecasted Net Access Charge Billings**

HIGH VOLTAGE AND LOW VOLTAGE COMPONENTS				Info Only
PTO		Total HV Filed TRR	Total LV Filed TRR	Combined TRR
GLW	Base TRR	36,024,402	-	36,024,402
	TRBAA	(1,315,478)	-	(1,315,478)
	Standby Credit	-	-	-
	Total	34,708,924	-	34,708,924
	Gross Load	-	-	-
	Utility Specific Access Charges (\$/MWh)	0.0000	0.0000	0.0000
	TRR - Eff. Date - Docket# TRBA - Eff. Date - Docket#	1/1/2019 ER19-852 1/1/2020/ER20-217-001		
MCCT	Base TRR	881,085	-	881,085
	TRBAA	-	-	-
	Standby Credit	-	-	-
	Total	881,085	-	881,085
	Gross Load	-	-	-
	Utility Specific Access Charges (\$/MWh)	0.0000	0.0000	0.0000
	TRR - Eff. Date - Docket# TRBA - Eff. Date - Docket#	1/1/2019 ER19-823		
CSPT	Base TRR	3,331,612	-	3,331,612
	TRBAA	-	-	-
	Standby Credit	-	-	-
	Total	3,331,612	-	3,331,612
	Gross Load	-	-	-
	Utility Specific Access Charges (\$/MWh)	0.0000	0.0000	0.0000
	TRR - Eff. Date - Docket# TRBA - Eff. Date - Docket#	9/23/2019 ER18-1442		
Total CAISO Grid	For Information Only			
	Base TRR	2,733,738,154	1,634,025,096	4,367,763,250
	TRBAA	(266,234,888)	(54,412,142)	(320,647,030)
	Standby Credit	(19,927,608)	(11,813,397)	(31,741,005)
	Total	2,447,575,658	1,567,799,557	4,015,375,215
	Gross Load	198,830,995		
	Utility Specific Access Charges (\$/MWh)	12.3098		