

San Diego Gas & Electric Company  
2021 TRBAA Rate Filing

Transmission Revenue  
Balancing Account Adjustment  
(TRBAA) Cost Statements &  
Work Papers

ER21-\_\_\_\_ - \_\_\_\_

**San Diego Gas & Electric Company  
Annual TRBAA Rate Filing  
Cost Statements & Work Papers  
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# San Diego Gas & Electric Company

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

ER21-\_\_\_\_ - \_\_\_\_

**Statement BD**  
**San Diego Gas & Electric Company**  
**2021 - TRBAA Rate Filing**  
**Allocation Energy and Supporting Data**

Line No.	Date	(A)		(B) Sale for Resale (City of Escondido) <sup>1</sup>	(C) = (A) - (B)		Reference	Line No.
		Retail Energy Sales @ Meter Level Plus Sale for Resale	Retail Energy Sales @ Meter Level Net of Sale for Resale					
1	Oct-19	1,549,209,262	10,650	1,549,198,612	Workpaper No. 1; Page 1.1; Lines 30; 29	1		
2	Nov-19	1,506,659,121	7,702	1,506,651,419	Workpaper No. 1; Page 1.1; Lines 30; 29	2		
3	Dec-19	1,453,958,327	8,291	1,453,950,036	Workpaper No. 1; Page 1.1; Lines 30; 29	3		
4	Jan-20	1,510,887,277	5,992	1,510,881,285	Workpaper No. 1; Page 1.1; Lines 30; 29	4		
5	Feb-20	1,466,931,181	6,801	1,466,924,380	Workpaper No. 1; Page 1.1; Lines 30; 29	5		
6	Mar-20	1,250,693,415	6,630	1,250,686,785	Workpaper No. 1; Page 1.1; Lines 30; 29	6		
7	Apr-20	1,288,109,434	5,089	1,288,104,345	Workpaper No. 1; Page 1.1; Lines 30; 29	7		
8	May-20	1,112,628,454	4,642	1,112,623,812	Workpaper No. 1; Page 1.1; Lines 30; 29	8		
9	Jun-20	1,570,592,827	7,648	1,570,585,179	Workpaper No. 1; Page 1.1; Lines 30; 29	9		
10	Jul-20	1,473,308,225	8,941	1,473,299,284	Workpaper No. 1; Page 1.1; Lines 30; 29	10		
11	Aug-20	1,670,945,749	11,292	1,670,934,457	Workpaper No. 1; Page 1.1; Lines 30; 29	11		
12	Sep-20	1,833,101,519	11,854	1,833,089,665	Workpaper No. 1; Page 1.1; Lines 30; 29	12		
13						13		
14						14		
15	Total	17,687,024,791	95,532	17,686,929,259	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**  
**2021 - TRBAA 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	Retail Energy Sales @ Meter Level Net of Sale for Resale		Sale for Resale (City of Escondido) <sup>1</sup>	Retail Energy Sales @ Meter Level Net of Sale for Resale		
1	Jan-21	1,478,463,341	1,478,457,999	5,342	1,478,457,999	Workpaper No. 1; Page 1.2; Lines 30; 29	1	
2	Feb-21	1,365,243,477	1,365,238,432	5,045	1,365,238,432	Workpaper No. 1; Page 1.2; Lines 30; 29	2	
3	Mar-21	1,323,555,833	1,323,550,752	5,081	1,323,550,752	Workpaper No. 1; Page 1.2; Lines 30; 29	3	
4	Apr-21	1,303,508,534	1,303,503,559	4,975	1,303,503,559	Workpaper No. 1; Page 1.2; Lines 30; 29	4	
5	May-21	1,308,718,109	1,308,713,098	5,011	1,308,713,098	Workpaper No. 1; Page 1.2; Lines 30; 29	5	
6	Jun-21	1,386,901,194	1,386,896,023	5,171	1,386,896,023	Workpaper No. 1; Page 1.2; Lines 30; 29	6	
7	Jul-21	1,579,912,235	1,579,907,001	5,234	1,579,907,001	Workpaper No. 1; Page 1.2; Lines 30; 29	7	
8	Aug-21	1,668,690,142	1,668,685,176	4,966	1,668,685,176	Workpaper No. 1; Page 1.2; Lines 30; 29	8	
9	Sep-21	1,760,024,517	1,760,019,294	5,223	1,760,019,294	Workpaper No. 1; Page 1.2; Lines 30; 29	9	
10	Oct-21	1,559,790,952	1,559,785,952	5,000	1,559,785,952	Workpaper No. 1; Page 1.2; Lines 30; 29	10	
11	Nov-21	1,447,020,709	1,447,015,669	5,040	1,447,015,669	Workpaper No. 1; Page 1.2; Lines 30; 29	11	
12	Dec-21	1,455,956,137	1,455,950,921	5,216	1,455,950,921	Workpaper No. 1; Page 1.2; Lines 30; 29	12	
13							13	
14							14	
15	Total	17,637,785,180	17,637,723,876	61,304	17,637,723,876	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 Revenues at Present Rates.

**Statement BD**  
**SAN DIEGO GAS & ELECTRIC COMPANY**  
**2021 - TRBAA Rate Filing**  
**January 2021 - December 2021**<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-21	1,478,463	5	1,478,458	1,538,631	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	1
2	Feb-21	1,365,243	5	1,365,238	1,420,804	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	2
3	Mar-21	1,323,556	5	1,323,551	1,377,419	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	3
4	Apr-21	1,303,509	5	1,303,504	1,356,556	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	4
5	May-21	1,308,718	5	1,308,713	1,361,978	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	5
6	Jun-21	1,386,901	5	1,386,896	1,443,343	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	6
7	Jul-21	1,579,912	5	1,579,907	1,644,209	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	7
8	Aug-21	1,668,690	5	1,668,685	1,736,601	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	8
9	Sep-21	1,760,025	5	1,760,019	1,831,652	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	9
10	Oct-21	1,559,791	5	1,559,786	1,623,269	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	10
11	Nov-21	1,447,021	5	1,447,016	1,505,909	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	11
12	Dec-21	1,455,956	5	1,455,951	1,515,208	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	12
13							13
14	Total	17,637,785	61	17,637,724	18,355,579	Sum Lines 1 thru 12	14
15							15
16	Retail Sales Forecast @ Meter Level			17,637,724		Col. C; Line 14	16
17							17
18	Transmission Loss Factor <sup>2</sup>		39,670,687	1.0407		Column B / Column A	18
19		38,118,545					19
20							20
21	Retail Sales Forecast @ Transmission Level				18,355,579	Col. D; Line 14	21
22							22
23	Lake Hodges Pumped Storage Facilities <sup>3</sup>				77,862	Statement BD WP; Page 4 of 5	23
24							24
25	Pumped Storage True Up Adjustment <sup>4</sup>				17,415	Statement BD WP; Page 5 of 5	25
26							26
27	Total Gross Load Forecast				18,450,857	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 TOS-Cycle 3 Annual Informational Filing.

The 1.0407 factor is used to convert the retail sales forecast at meter level up to the transmission level.

<sup>3</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.

<sup>4</sup> Represents the difference between actual and forecast load associated with the Olivenhain-Lake Hodges Pumped Storage Facility for the base year.

**Statement BD**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Allocation Energy and Supporting Data**  
**Forecast Period January 2021 - December 2021**  
**MWH SALES FORECAST @ Transmission Level**

2021 (MWh)	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
<b>Olivenhain-Lake Hodges Pumping Load</b>	5,629	6,184	7,461	7,231	7,059	5,681	6,485	6,198	5,965	6,330	6,661	6,141	<b>77,025</b>

Primary Level Distribution Loss Factor 1.0109

Total Olivenhain-Lake Hodges Pumping Load 77,862

**Statement BD**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Allocation Energy and Supporting Data**  
**Lake Hodges Pumping Load Adjustment Mechanism**  
**For the 12-Month Base & True Up Period Ending December 31, 2019**

Line No.	Description	Amount	Reference	Line No.
1	Pumped Storage Facility - Actual Load	67,148	SDG&E Records	1
2	Pumped Storage Facility - Forecast Load	<u>49,920</u>	SDG&E Records	2
3	Difference	17,228	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>17,415</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

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

ER21- \_\_\_\_ - \_\_\_\_

**Statement BG**  
**SAN DIEGO GAS & ELECTRIC COMPANY**  
**Transmission Revenue Balancing Account Adjustment (TRBAA) Revenues Data to Reflect Changed Rates**  
**Comparison of Revenues**  
**Rate Effective Period - Twelve Months Ending December 31, 2021**

Line No.	Customer Classes	(A)	(B)	(C) = (A) - (B)	(D) = (C) / (B)	Reference	Line No.
		(Statement BG) 2021 TRBAA Revenues @ Changed Rates	(Statement BH) 2021 TRBAA Revenues @ Present Rates <sup>1</sup>	(\$ Change	(%) Change		
1	Residential Customers	\$ (6,900,424)	\$ (6,058,909)	\$ (841,515)	13.89%	Statement BG; Page 2 of 4; Line 14	1
2						Statement BH; Page 1 of 3; Line 14	2
3	Small Commercial Customers	(2,670,544)	(2,344,868)	(325,676)	13.89%	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	(11,630,465)	(10,212,116)	(1,418,349)	13.89%	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)	(127,741)	(112,163)	(15,578)	13.89%	Statement BG; Page 2 of 4; Line 20	7
8						Statement BH; Page 1 of 3; Line 20	8
9	Agriculture (PA-T-1)	(260,756)	(228,957)	(31,800)	13.89%	Statement BG; Page 2 of 4; Line 22	9
10						Statement BH; Page 1 of 3; Line 22	10
11	Street Lighting Customers	(104,471)	(91,730)	(12,740)	13.89%	Statement BG; Page 2 of 4; Line 24	11
12						Statement BH; Page 1 of 3; Line 24	12
13							13
14	Grand Total	\$ (21,694,400)	\$ (19,048,742)	\$ (2,645,659)	13.89%	Sum Lines 1 through 11	14

<sup>1</sup> Present Rates are defined as rates effective pursuant to ER20-524.

**Statement BG**  
**SAN DIEGO GAS & ELECTRIC COMPANY**  
**Transmission Revenue Balancing Account Adjustment (TRBAA) Revenues Data to Reflect Changed Rates**  
**Rate Effective Period - Twelve Months Ending December 31, 2021**

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21		
1	Residential <sup>1</sup>	\$ (672,887)	\$ (559,476)	\$ (520,200)	\$ (453,049)	\$ (443,188)	\$ (473,943)		1
2									2
3	Small Commercial <sup>2</sup>	(212,339)	(204,629)	(203,838)	(204,549)	(208,092)	(220,224)		3
4									4
5	Medium and Large Commercial/Industrial <sup>3</sup>	(899,473)	(880,751)	(870,043)	(907,792)	(917,731)	(967,463)		5
6									6
7	Agriculture (PA and TOU-PA) <sup>4</sup>	(7,506)	(7,885)	(6,853)	(9,013)	(10,340)	(11,846)		7
8									8
9	Agriculture (PA-T-1) <sup>5</sup>	(17,229)	(17,851)	(18,352)	(20,437)	(21,833)	(23,612)		9
10									10
11	Street Lighting <sup>6</sup>	(9,069)	(8,651)	(8,680)	(8,469)	(8,533)	(8,794)		11
12									12
13	TOTAL	\$ (1,818,503)	\$ (1,679,243)	\$ (1,627,967)	\$ (1,603,309)	\$ (1,609,717)	\$ (1,705,882)		13

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21		
14	Residential <sup>1</sup>	\$ (596,357)	\$ (679,084)	\$ (731,138)	\$ (605,357)	\$ (541,350)	\$ (624,395)	\$ (6,900,424)	14
15									15
16	Small Commercial <sup>2</sup>	(243,530)	(251,518)	(258,908)	(235,595)	(217,305)	(210,016)	(2,670,544)	16
17									17
18	Medium and Large Commercial/Industrial <sup>3</sup>	(1,054,853)	(1,075,339)	(1,125,374)	(1,033,238)	(979,170)	(919,237)	(11,630,465)	18
19									19
20	Agriculture (PA and TOU-PA) <sup>4</sup>	(13,748)	(13,663)	(14,111)	(12,297)	(11,322)	(9,155)	(127,741)	20
21									21
22	Agriculture (PA-T-1) <sup>5</sup>	(25,907)	(24,426)	(26,414)	(23,514)	(22,066)	(19,114)	(260,756)	22
23									23
24	Street Lighting <sup>6</sup>	(8,890)	(8,452)	(8,878)	(8,535)	(8,616)	(8,904)	(104,471)	24
25									25
26	TOTAL	\$ (1,943,286)	\$ (2,052,483)	\$ (2,164,824)	\$ (1,918,537)	\$ (1,779,829)	\$ (1,790,820)	\$ (21,694,400)	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 Revenue Balancing Account Adjustment (TRBAA) Revenues Data to Reflect Changed Rates**  
**Rate Effective Period - Twelve Months Ending December 31, 2021**

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G) Reference	Line No.
		Jan-21 Energy (kWh)	Feb-21 Energy (kWh)	Mar-21 Energy (kWh)	Apr-21 Energy (kWh)	May-21 Energy (kWh)	Jun-21 Energy (kWh)		
1	Residential Customers	547,062,817	454,858,804	422,927,184	368,332,159	360,315,220	385,319,291	Worksheet No. 1; Page 1.2; Line 23	1
2									2
3	Small Commercial	172,633,639	166,364,833	165,722,247	166,300,033	169,180,556	179,043,827	Worksheet No. 1; Page 1.2; Line 24	3
4									4
5	Medium and Large Commercial/Industrial	731,278,845	716,057,851	707,352,266	738,042,476	746,122,635	786,555,192	Worksheet No. 1; Page 1.2; Line 25	5
6									6
7	Agriculture (PA and TOU-PA)	6,102,668	6,410,689	5,571,899	7,327,740	8,406,524	9,630,840	Worksheet No. 1; Page 1.2; Line 26	7
8									8
9	Agriculture (PA-T-1)	14,007,208	14,513,056	14,920,487	16,615,774	17,750,489	19,196,942	Worksheet No. 1; Page 1.2; Line 27	9
10									10
11	Street Lighting	7,372,822	7,033,199	7,056,669	6,885,377	6,937,674	7,149,931	Worksheet No. 1; Page 1.2; Line 28	11
12									12
13	TOTAL	1,478,457,999	1,365,238,432	1,323,550,752	1,303,503,559	1,308,713,098	1,386,896,023	Sum Lines 1 thru 11	13
14									14
15									15
16		\$(kWh)	\$(kWh)	\$(kWh)	\$(kWh)	\$(kWh)	\$(kWh)		16
17	Retail TRBAA Rate (\$/kWh) @ Changed Rate	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)	Statement BL (Retail); Page 1; Line 27	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	\$ (672,887)	\$ (559,476)	\$ (520,200)	\$ (453,049)	\$ (443,188)	\$ (473,943)	Line 1 x Line 18	22
23									23
24	Small Commercial	(212,339)	(204,629)	(203,838)	(204,549)	(208,092)	(220,224)	Line 3 x Line 18	24
25									25
26	Medium and Large Commercial/Industrial	(899,473)	(880,751)	(870,043)	(907,792)	(917,731)	(967,463)	Line 5 x Line 18	26
27									27
28	Agriculture (PA and TOU-PA)	(7,506)	(7,885)	(6,853)	(9,013)	(10,340)	(11,846)	Line 7 x Line 18	28
29									29
30	Agriculture (PA-T-1)	(17,229)	(17,851)	(18,352)	(20,437)	(21,833)	(23,612)	Line 9 x Line 18	30
31									31
32	Street Lighting	(9,069)	(8,651)	(8,680)	(8,469)	(8,533)	(8,794)	Line 11 x Line 18	32
33									33
34	TOTAL	\$ (1,818,503)	\$ (1,679,243)	\$ (1,627,967)	\$ (1,603,309)	\$ (1,609,717)	\$ (1,705,882)	Sum Lines 23 through 33	34
35									35

**Statement BG**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Transmission Revenue Balancing Account Adjustment (TRBAA) Revenues Data to Reflect Changed Rates**  
**Rate Effective Period - Twelve Months Ending December 31, 2021**

Line No.	Customer Classes	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	Line No.
		Jul-21 Energy (kWh)	Aug-21 Energy (kWh)	Sep-21 Energy (kWh)	Oct-21 Energy (kWh)	Nov-21 Energy (kWh)	Dec-21 Energy (kWh)	Total Energy (kWh)	Reference	
1	Residential Customers	484,842,956	552,100,669	594,421,452	492,160,118	440,122,023	507,637,958	5,610,100,651	Workpaper No. 1; Page 1.2; Line 23	1
2										2
3	Small Commercial	197,992,076	204,486,167	210,494,373	191,541,046	176,670,434	170,744,529	2,171,173,760	Workpaper No. 1; Page 1.2; Line 24	3
4										4
5	Medium and Large Commercial/Industrial	857,604,414	874,259,564	914,938,578	840,030,877	796,073,220	747,346,881	9,455,662,799	Workpaper No. 1; Page 1.2; Line 25	5
6										6
7	Agriculture (PA and TOU-PA)	11,177,232	11,108,378	11,472,287	9,997,882	9,205,082	7,443,040	103,854,261	Workpaper No. 1; Page 1.2; Line 26	7
8										8
9	Agriculture (PA-T-1)	21,062,940	19,858,903	21,475,097	19,116,797	17,939,688	15,539,447	211,996,828	Workpaper No. 1; Page 1.2; Line 27	9
10										10
11	Street Lighting	7,227,383	6,871,495	7,217,507	6,939,232	7,005,222	7,239,066	84,935,577	Workpaper No. 1; Page 1.2; Line 28	11
12										12
13	TOTAL	1,579,907,001	1,668,685,176	1,760,019,294	1,559,785,952	1,447,015,669	1,455,950,921	17,637,723,876	Sum Lines 1 thru 11	13
14										14
15										15
16										16
17										17
18	Retail TRBAA Rate (\$/kWh) @ Changed Rate	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)		Statement Bl. (Retail); Page 1; Line 27	18
19										19
20										20
21										21
22										22
23	Residential Customers	\$ (596,357)	\$ (679,084)	\$ (731,138)	\$ (605,357)	\$ (541,350)	\$ (624,395)	\$ (6,900,424)	Line 1 x Line 18	23
24										24
25	Small Commercial	(243,530)	(251,518)	(258,908)	(235,595)	(217,305)	(210,016)	(2,670,544)	Line 3 x Line 18	25
26										26
27	Medium and Large Commercial/Industrial	(1,054,853)	(1,075,339)	(1,125,374)	(1,033,238)	(979,170)	(919,237)	(11,630,465)	Line 5 x Line 18	27
28										28
29	Agriculture (PA and TOU-PA)	(13,748)	(13,663)	(14,111)	(12,297)	(11,322)	(9,155)	(127,741)	Line 7 x Line 18	29
30										30
31	Agriculture (PA-T-1)	(25,907)	(24,426)	(26,414)	(23,514)	(22,066)	(19,114)	(260,756)	Line 9 x Line 18	31
32										32
33	Street Lighting	(8,890)	(8,452)	(8,878)	(8,535)	(8,616)	(8,904)	(104,471)	Line 11 x Line 18	33
34										34
35	TOTAL	\$ (1,943,286)	\$ (2,052,483)	\$ (2,164,824)	\$ (1,918,537)	\$ (1,779,829)	\$ (1,790,820)	\$ (21,694,400)	Sum Lines 23 through 33	35

# San Diego Gas & Electric Company

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

ER21-\_\_\_\_ - \_\_\_\_

**Statement BH  
SAN DIEGO GAS & ELECTRIC COMPANY**

**Transmission Revenue Balancing Account Adjustment (TRBAA) Revenue Data To Reflect Present Rates per ER20-524  
Rate Effective Period - Twelve Months Ending December 31, 2021**

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21		
1	Residential <sup>1</sup>	\$ (590,828)	\$ (491,248)	\$ (456,761)	\$ (397,799)	\$ (389,140)	\$ (416,145)		1
2									2
3	Small Commercial <sup>2</sup>	(186,444)	(179,674)	(178,980)	(179,604)	(182,715)	(193,367)		3
4									4
5	Medium and Large Commercial/Industrial <sup>3</sup>	(789,781)	(773,342)	(763,940)	(797,086)	(805,812)	(849,480)		5
6									6
7	Agriculture (PA and TOU-PA) <sup>4</sup>	(6,591)	(6,924)	(6,018)	(7,914)	(9,079)	(10,401)		7
8									8
9	Agriculture (PA-T-1) <sup>5</sup>	(15,128)	(15,674)	(16,114)	(17,945)	(19,171)	(20,733)		9
10									10
11	Street Lighting <sup>6</sup>	(7,963)	(7,596)	(7,621)	(7,436)	(7,493)	(7,722)		11
12									12
13	TOTAL	\$ (1,596,735)	\$ (1,474,458)	\$ (1,429,435)	\$ (1,407,784)	\$ (1,413,410)	\$ (1,497,848)		13

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21		
14	Residential <sup>1</sup>	\$ (523,630)	\$ (596,269)	\$ (641,975)	\$ (531,533)	\$ (475,332)	\$ (548,249)	\$ (6,058,909)	14
15									15
16	Small Commercial <sup>2</sup>	(213,831)	(220,845)	(227,334)	(206,864)	(190,804)	(184,404)	(2,344,868)	16
17									17
18	Medium and Large Commercial/Industrial <sup>3</sup>	(926,213)	(944,200)	(988,134)	(907,233)	(859,759)	(807,135)	(10,212,116)	18
19									19
20	Agriculture (PA and TOU-PA) <sup>4</sup>	(12,071)	(11,997)	(12,390)	(10,798)	(9,941)	(8,038)	(112,163)	20
21									21
22	Agriculture (PA-T-1) <sup>5</sup>	(22,748)	(21,448)	(23,193)	(20,646)	(19,375)	(16,783)	(228,957)	22
23									23
24	Street Lighting <sup>6</sup>	(7,806)	(7,421)	(7,795)	(7,494)	(7,566)	(7,818)	(91,730)	24
25									25
26	TOTAL	\$ (1,706,300)	\$ (1,802,180)	\$ (1,900,821)	\$ (1,684,569)	\$ (1,562,777)	\$ (1,572,427)	\$ (19,048,742)	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 Revenue Balancing Account Adjustment (TRBAA) Revenue Data To Reflect Present Rates per ER20-524**  
**Rate Effective Period - Twelve Months Ending December 31, 2021**

Line No.	Customer Classes	(F)											
		(A) Jan-21 Energy (kWh)	(B) Feb-21 Energy (kWh)	(C) Mar-21 Energy (kWh)	(D) Apr-21 Energy (kWh)	(E) May-21 Energy (kWh)	(F) Jun-21 Energy (kWh)	Reference					
1	Residential Customers	547,062,817	454,858,804	422,927,184	368,332,159	360,315,220	385,319,291	Workpaper No. 1; Page 1.2; Line 23					
2													
3	Small Commercial	172,633,639	166,364,833	165,722,247	166,300,033	169,180,556	179,043,827	Workpaper No. 1; Page 1.2; Line 24					
4													
5	Medium and Large Commercial/Industrial	731,278,845	716,057,851	707,352,266	738,042,476	746,122,635	786,555,192	Workpaper No. 1; Page 1.2; Line 25					
6													
7	Agriculture (PA and TOU-PA)	6,102,668	6,410,689	5,571,899	7,327,740	8,406,524	9,630,840	Workpaper No. 1; Page 1.2; Line 26					
8													
9	Agriculture (PA-T-1)	14,007,208	14,513,056	14,920,487	16,615,774	17,750,489	19,196,942	Workpaper No. 1; Page 1.2; Line 27					
10													
11	Street Lighting	7,372,822	7,033,199	7,056,669	6,885,377	6,937,674	7,149,931	Workpaper No. 1; Page 1.2; Line 28					
12													
13	TOTAL	1,478,457,999	1,365,238,432	1,323,550,752	1,303,503,559	1,308,713,098	1,386,896,023	Sum Lines 1 thru 11					
14													
15													
16													
17													
18	Retail TRBAA Rate (\$/kWh) @ Present Rate	\$ (0.00108)	\$ (0.00108)	\$ (0.00108)	\$ (0.00108)	\$ (0.00108)	\$ (0.00108)	Statement BL (Retail); Page 1; Line 27 FERC Docket No. ER20-524-000					
19													
20													
21													
22													
23	Residential Customers	\$ (590,828)	\$ (491,248)	\$ (456,761)	\$ (397,799)	\$ (389,140)	\$ (416,145)	Line 1 x Line 18					
24													
25	Small Commercial	(186,444)	(179,674)	(178,980)	(179,604)	(182,715)	(193,367)	Line 3 x Line 18					
26													
27	Medium and Large Commercial/Industrial	(789,781)	(773,342)	(763,940)	(797,086)	(805,812)	(849,480)	Line 5 x Line 18					
28													
29	Agriculture (PA and TOU-PA)	(6,591)	(6,924)	(6,018)	(7,914)	(9,079)	(10,401)	Line 7 x Line 18					
30													
31	Agriculture (PA-T-1)	(15,128)	(15,674)	(16,114)	(17,945)	(19,171)	(20,733)	Line 9 x Line 18					
32													
33	Street Lighting	(7,963)	(7,596)	(7,621)	(7,436)	(7,493)	(7,722)	Line 11 x Line 18					
34													
35	TOTAL	\$ (1,596,735)	\$ (1,474,458)	\$ (1,429,435)	\$ (1,407,784)	\$ (1,413,410)	\$ (1,497,848)	Sum Lines 23 through 33					



**Statement BH**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Transmission Revenue Balancing Account Adjustment (TRBAA) Revenue Data To Reflect Present Rates per ER20-524**  
**Rate Effective Period - Twelve Months Ending December 31, 2021**

Line No.	Customer Classes	(G) Jul-21 Energy (kWh)	(H) Aug-21 Energy (kWh)	(I) Sep-21 Energy (kWh)	(J) Oct-21 Energy (kWh)	(K) Nov-21 Energy (kWh)	(L) Dec-21 Energy (kWh)	(M) Total Energy (kWh)	(M) Reference	Line No.
1	Residential Customers	484,842,956	552,100,669	594,421,452	492,160,118	440,122,023	507,637,958	5,610,100,651	Workpaper No. 1; Page 1.2; Line 23	1
2										2
3	Small Commercial	197,992,076	204,486,167	210,494,373	191,541,046	176,670,434	170,744,529	2,171,173,760	Workpaper No. 1; Page 1.2; Line 24	3
4										4
5	Medium and Large Commercial/Industrial	857,604,414	874,259,564	914,938,578	840,030,877	796,073,220	747,346,881	9,455,662,799	Workpaper No. 1; Page 1.2; Line 25	5
6										6
7	Agriculture (PA and TOU-PA)	11,177,232	11,108,378	11,472,287	9,997,882	9,205,082	7,443,040	103,854,261	Workpaper No. 1; Page 1.2; Line 26	7
8										8
9	Agriculture (PA-T-1)	21,062,940	19,858,903	21,475,097	19,116,797	17,939,688	15,539,447	211,996,828	Workpaper No. 1; Page 1.2; Line 27	9
10										10
11	Street Lighting	7,227,383	6,871,495	7,217,507	6,939,232	7,005,222	7,239,066	84,935,577	Workpaper No. 1; Page 1.2; Line 28	11
12										12
13	TOTAL	1,579,907,001	1,668,685,176	1,760,019,294	1,559,785,952	1,447,015,669	1,455,950,921	17,637,723,876	Sum Lines 1 thru 11	13
14										14
15		\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)			15
16										16
17	Retail TRBAA Rate (\$/kWh) @ Present Rate	\$ (0.00108)	\$ (0.00108)	\$ (0.00108)	\$ (0.00108)	\$ (0.00108)	\$ (0.00108)		Statement B1 (Retail); Page 1; Line 27	17
18									FERC Docket No. ER20-524-000	18
19										19
20		TRBAA @ Present Rates	TRBAA @ Present Rates	TRBAA @ Present Rates	TRBAA @ Present Rates	TRBAA @ Present Rates	TRBAA @ Present Rates	TRBAA @ Present Rates		20
21										21
22	Residential Customers	\$ (523,630)	\$ (596,269)	\$ (641,975)	\$ (531,533)	\$ (475,332)	\$ (548,249)	\$ (6,058,909)	Line 1 x Line 18	22
23										23
24	Small Commercial	(213,831)	(220,845)	(227,334)	(206,864)	(190,804)	(184,404)	(2,344,868)	Line 3 x Line 18	24
25										25
26	Medium and Large Commercial/Industrial	(926,213)	(944,200)	(988,134)	(907,233)	(859,759)	(807,135)	(10,212,116)	Line 5 x Line 18	26
27										27
28	Agriculture (PA and TOU-PA)	(12,071)	(11,997)	(12,390)	(10,798)	(9,941)	(8,038)	(112,163)	Line 7 x Line 18	28
29										29
30	Agriculture (PA-T-1)	(22,748)	(21,448)	(23,193)	(20,646)	(19,375)	(16,783)	(228,957)	Line 9 x Line 18	30
31										31
32	Street Lighting	(7,806)	(7,421)	(7,795)	(7,494)	(7,566)	(7,818)	(91,730)	Line 11 x Line 18	32
33										33
34	TOTAL	\$ (1,706,300)	\$ (1,802,180)	\$ (1,900,821)	\$ (1,684,569)	\$ (1,562,777)	\$ (1,572,427)	\$ (19,048,742)	Sum Lines 23 through 33	34
35										35

# San Diego Gas & Electric Company

## D. Statement BK1 - Derivation of Retail Transmission Revenue Balancing Account Adjustment (TRBAA)

ER21-\_\_\_\_ - \_\_\_\_

**Statement BK-1**  
**San Diego Gas & Electric Company**  
**2021 - TRBAA Rate Filing**  
**Total Retail TRBAA Forecast - Including Franchise Fees & Uncollectible Expense**

Line No.	Components	Total Retail - TRBAA	Reference	Line No.
1	Beginning TRBAA Balance @ 9/30/2020	\$ (5,041,424)	Work paper No. 4; Page 4.4; Line 32	1
2				2
3	<u>Transmission Revenue Credits Forecast:</u>			3
4				4
5	Wheeling Revenues	(16,245,100)	Work paper No. 7; Page 7.1; Line 27	5
6				6
7	Settlements, Metering and Client Relations	12,000	Work paper No. 8; Page 8.1; Line 27	7
8				8
9	Existing Transmission Contract (ETC) Cost Differentials	772,855	Work paper No. 9; Page 9.1; Line 27	9
10				10
11	Other PTO Related Revenue (Credits)/Charges	(908,703)	Work paper No. 11; Page 11.1; Line 27	11
12				12
13	Total Transmission Revenue Credits Forecast	\$ (16,368,948)	Sum {Line 5 thru Line 11}	13
14				14
15	Total TRBAA Before Franchise Fees and Uncollectibles	\$ (21,410,372)	Line 1 + Line 13	15
16				16
17	Franchise Fees Expense @ 1.0275%	(219,992)	Line 15 x 1.0275%	17
18				18
19	Uncollectibles @ 0.1690%	(36,184)	Line 15 x 0.1690%	19
20				20
21	Total Franchise Fees and Uncollectible	(256,175)	Line 17 + Line 19	21
22				22
23	Total Retail TRBAA Forecast Including FF&U	\$ (21,666,547)	Line 15 + Line 21	23

# San Diego Gas & Electric Company

## E. Statement BK2 - Derivation of ISO- Wholesale Transmission Revenue Balancing Account Adjustment (TRBAA)

ER21-\_\_\_\_ - \_\_\_\_

**Statement BK-2**  
**San Diego Gas & Electric Company**  
**2021 - TRBAA Rate Filing**  
**Wholesale Customers - HVTRR & LVTRR Calculation**

Line No.	Components	(A)	(B)	(C) = (A) + (B)		Reference	Line No.
		Total HIGH VOLTAGE Transmission Revenue Requirements	Total LOW VOLTAGE Transmission Revenue Requirements	Total HIGH VOLTAGE Transmission Revenue Requirements	Total LOW VOLTAGE Transmission Revenue Requirements		
1	Wholesale Base Transmission Revenue Requirement <sup>1</sup>	\$ 575,136,094	\$ 457,544,224	\$ 1,032,680,318		See Note 1	1
2							2
3	Beginning TRBAA Balance @ 9/30/2020	(5,241,388)	199,964	(5,041,424)		Work paper No. 2 Page 2.1; Line 15	3
4							4
5	<u>Transmission Revenue Credits Forecast:</u>						5
6							6
7	Wheeling Revenues	(16,245,100)	-	(16,245,100)		Work paper No. 6; Page 6.1; Line 19	7
8							8
9	Settlements, Metering and Client Relations	6,689	5,311	12,000		Work paper No. 6; Page 6.1; Line 26	9
10							10
11	ETC Cost Differentials	430,802	342,053	772,855		Work paper No. 6; Page 6.1; Line 32	11
12							12
13	Other PTO Related Revenue (Credits)/Charges	(1,210,599)	301,896	(908,703)		Work paper No. 6; Page 6.1; Line 42	13
14							14
15	Total Transmission Revenue Credits Forecast	(17,018,208)	649,260	(16,368,948)		Sum {Line 7 through Line 13}	15
16							16
17	Total Wholesale TRBAA Before Franchise Fees	(22,259,596)	849,224	(21,410,372)		Line 3 + Line 15	17
18							18
19	Franchise Fees Expense @ 1.0275%	(228,717)	8,726	(219,992)		Line 17 x 1.0275%	19
20							20
21	Total Wholesale TRBAA Forecast Including Franchise Fees	(22,488,313)	857,949	(21,630,364)		Line 17 + Line 19	21
22							22
23	Transmission Standby Revenues <sup>2</sup>	(9,099,356)	(7,238,908)	(16,338,264)		Work paper No. 3; Page 3.1; Line 7	23
24							24
25	Wholesale Transmission Revenue Requirement	\$ 543,548,426	\$ 451,163,265	\$ 994,711,691		Line 1 + Line 21 + Line 23	25

<sup>1</sup> Wholesale Base TRR information comes from Cost Statement BK-2 of SDG&E's TO5 Cycle 3 Annual Informational Filing.

<sup>2</sup> Standby Revenue amount of \$16,338,264, from Cost Statement BG; Page 1; Column A; Line 24, of SDG&E's TO5 Cycle 3 Annual Informational Filing.

# San Diego Gas & Electric Company

## F. Statement – BL Retail TRBAA Rate Calculation

ER21-\_\_\_\_ - \_\_\_\_

**Statement BL**  
**San Diego Gas & Electric Company**  
**2021 - TRBAA Rate Filing**  
**Retail TRBAA Rate Calculation**

Line No.	Components	Total Retail - TRBAA	Reference	Line No.
1	Beginning TRBAA Balance @ 9/30/2020	\$ (5,041,424)	Work paper No. 4; Page 4.4; Line 32	1
2				2
3	<u>Transmission Revenue Credits Forecast:</u>			3
4				4
5	Wheeling Revenues	(16,245,100)	Work paper No. 7; Page 7.1; Line 27	5
6				6
7	Settlements, Metering and Client Relations	12,000	Work paper No. 8; Page 8.1; Line 27	7
8				8
9	ETC Cost Differentials	772,855	Work paper No. 9; Page 9.1; Line 27	9
10				10
11	Other PTO Related Revenue (Credits)/Charges	(908,703)	Work paper No. 11; Page 11.1; Line 27	11
12				12
13	Total Transmission Revenue Credits Forecast	(16,368,948)	Sum {Line 5 through Line 11}	13
14				14
15	Total TRBAA Before Franchise Fees and Uncollectibles	\$ (21,410,372)	Line 1 + Line 13	15
16				16
17	Franchise Fees Expense @ 1.0275%	(219,992)	Line 15 x 1.0275%	17
18				18
19	Uncollectibles @ 0.1690 %	(36,184)	Line 15 x 0.1690%	19
20				20
21	Total Franchise Fees and Uncollectible	(256,175)	Line 17 + Line 19	21
22				22
23	Total Retail TRBAA Forecast Including FF&U	\$ (21,666,547)	Line 15 + Line 21	23
24				24
25	12 Months kWh Ending September 30, 2020	17,686,929,259	Statement BD; Pg. 1 of 5; Col. C; Ln. 15	25
26				26
27	Retail TRBAA Rate (\$/kWh)	\$ (0.00123)	Line 23 / Line 25	27

# San Diego Gas & Electric Company

## G. Statement – BL Wholesale TRBAA Rate Calculation

ER21-\_\_\_\_ - \_\_\_\_



**Statement BL**  
**San Diego Gas & Electric Company**  
**2021 - TRBAA Rate Filing**  
**2021 - Wholesale Customers Utility Specific Access Charge Rate Calculations**  
**High Voltage & Low Voltage Component**

Line No.	Components	(A)	(B)	(C) = (A) + (B)	Line No.	Notes & Reference
		Total High Voltage TRR	Total Low Voltage TRR	Combined TRR		
1	Wholesale Base Transmission Revenue Requirement <sup>1</sup>	\$ 575,136,094	\$ 457,544,224	\$ 1,032,680,318	1	See Note 1
2					2	
3	Total Wholesale TRBAA <sup>2</sup>	\$ (22,488,313)	\$ 857,949	\$ (21,630,364)	3	Statement BK-2; Page 1; Line 21
4					4	
5	Transmission Standby Revenue <sup>3</sup>	\$ (9,099,356)	\$ (7,238,908)	\$ (16,338,264)	5	See Note 3
6					6	
7	Wholesale Transmission Revenue Requirements	\$ 543,548,426	\$ 451,163,265	\$ 994,711,691	7	Sum ( Lines 1, 3, & 5 )
8					8	
9	Gross Load - MWh	\$ 18,450,857	\$ 18,450,857	\$ 18,450,857	9	Statement BD; Page 3 of 5; Line 28; Col. D
10					10	
11	Utility Specific Access Charges (\$/MWh)	\$ 29,4593	\$ 24,4522	\$ 53,9114	11	Line 7 / Line 9

**NOTES:**

- <sup>1</sup> Wholesale Base TRR information comes from Cost Statement BK-2 of SDG&E's TO5 Cycle 3 Annual Informational Filing.
- <sup>2</sup> The Wholesale TRBAA amount comes from the instant filing, in Statement BK-2; Page 1; Line 21
- <sup>3</sup> Standby Revenue amount of \$16,338,264, from Cost Statement BG; Page 1; Column A; Line 24, of SDG&E's TO5 Cycle 3 Annual Informational Filing.

# San Diego Gas & Electric Company

## H. TRBAA Work Papers

ER21-\_\_\_\_ - \_\_\_\_

Work Paper - 1  
Recorded Sales and Forecast Sales  
Information

**San Diego Gas & Electric Co.  
Recorded Billing Determinants for the 12-Month Period: October 2019 - September 2020**

Line No.	System Delivery Determinants	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Total
1	<b>Customer Class Deliveries (MWh)</b>													
2	Residential	497,503	464,648	524,919	578,952	486,037	450,389	463,643	477,492	485,384	539,761	640,234	770,769	6,379,732
3	Small Commercial	187,277	187,165	173,268	176,333	178,447	165,447	139,576	145,420	166,847	174,065	194,843	202,272	2,090,959
4	Med. & Large Comm./Ind.	827,630	817,333	727,327	732,086	775,597	605,836	661,658	463,145	677,105	725,183	792,539	818,987	8,824,425
5	Agriculture (PA)	11,317	11,225	6,147	6,241	7,110	7,007	4,827	7,277	13,279	12,230	16,151	15,755	118,566
6	Agriculture (PA-T-1)	20,103	19,295	13,881	11,819	11,370	15,129	11,604	12,480	21,191	16,686	19,559	18,620	191,738
7	Lighting	5,369	6,986	8,407	5,450	8,363	6,879	6,796	6,810	6,780	5,374	7,608	6,687	81,510
8	Safe for Resale	11	8	8	6	7	7	5	5	8	9	11	12	96
9	<b>Total System</b>	1,549,209	1,506,659	1,453,958	1,510,887	1,466,931	1,250,693	1,288,109	1,112,628	1,570,593	1,473,308	1,670,946	1,833,102	17,687,025
10														
11	<b>Total System - EXCLUDING Sale for Resale</b>	1,549,199	1,506,651	1,453,950	1,510,881	1,466,924	1,250,687	1,288,104	1,112,624	1,570,585	1,473,299	1,670,934	1,833,090	17,686,929
12														
13	<b>INPUT FROM RECORDED SALES FILE:</b>													
14	<b>Medium &amp; Large Details - Deliveries in MWh:</b>													
15	Med & Large CI (AD)	(7)	-	0	0	0	0	0	-96	96	0	-	0	(7)
16	Med & Large CI (AL+AY+DGR)	751,884	748,612	665,944	656,091	705,598	537,800	599,329	393,331	809,821	644,559	715,784	741,023	7,969,776
17	Med & Large CI (A6)	75,752	68,721	61,383	75,994	70,000	68,036	62,329	69,910	67,187	80,624	76,756	77,964	854,656
18														
19	<b>Total</b>	827,630	817,333	727,327	732,086	775,597	605,836	661,658	463,145	677,105	725,183	792,539	818,987	8,824,425
20														

**San Diego Gas & Electric  
Recorded Billing Determinants for the 12-Month Period: October 2019 - September 2020**

Line No.	System Delivery Determinants	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Total
21	<b>Customer Class Deliveries (kWh)</b>													
22	Residential	497,502,555	464,647,939	524,919,409	578,952,309	486,037,369	450,388,677	463,643,095	477,491,571	485,383,797	539,761,390	640,234,360	770,769,463	6,379,731,934
23	Small Commercial	187,276,839	187,164,646	173,268,195	176,332,808	178,446,671	165,447,270	139,576,065	145,419,959	166,847,233	174,065,030	194,842,651	202,271,657	2,090,959,024
24	Med. & Large Comm./Ind.	827,630,147	817,332,825	727,327,046	732,085,634	775,597,345	605,835,748	661,657,788	463,144,563	677,104,574	725,183,053	792,539,406	818,986,644	8,824,424,773
25	Agriculture (PA)	11,317,188	11,224,755	6,146,852	6,241,030	7,110,141	7,007,013	4,827,061	7,277,475	13,278,836	12,229,904	16,150,898	15,754,654	118,565,807
26	Agriculture (PA-T-1)	20,103,008	19,294,967	13,881,436	11,819,123	11,369,633	15,129,435	11,604,183	12,479,961	21,190,987	16,685,726	19,558,961	18,620,250	191,737,670
27	Lighting	5,368,875	6,986,287	8,407,098	5,450,381	8,363,221	6,878,642	6,796,153	6,810,283	6,779,752	5,374,181	7,608,181	6,686,997	81,510,051
28	Safe for Resale	10,650	7,702	8,291	5,992	6,801	6,630	5,089	5,089	6,442	8,941	11,292	11,854	95,532
29	<b>Total System</b>	1,549,209,262	1,506,659,121	1,453,958,327	1,510,887,277	1,466,931,181	1,250,693,415	1,288,109,434	1,112,628,454	1,570,592,827	1,473,308,225	1,670,945,749	1,833,101,519	17,687,024,791
30														
31	<b>Total System - EXCLUDING Sale for Resale</b>	1,549,198,612	1,506,651,419	1,453,950,036	1,510,881,285	1,466,924,380	1,250,686,785	1,288,104,345	1,112,623,812	1,570,585,179	1,473,299,284	1,670,934,457	1,833,089,665	17,686,929,259
32														
33	<b>INPUT FROM RECORDED SALES FILE:</b>													
34	<b>Medium &amp; Large Details - Deliveries in kWh:</b>													
35	Med & Large CI (AD)	(6,767)	0	0	0	0	0	0	-96,478	96,477	0	-	0	(6,768)
36	Med & Large CI (AL+AY+DGR)	751,884,498	748,612,160	665,943,976	656,091,348	705,597,576	537,799,834	599,328,686	393,331,121	809,820,640	644,558,994	715,783,551	741,023,117	7,969,775,501
37	Med & Large CI (A6)	75,752,416	68,720,665	61,383,070	75,994,286	69,999,769	68,035,914	62,329,102	69,909,920	67,187,457	80,624,059	76,755,855	77,963,527	854,656,040
38														
39	<b>Total</b>	827,630,147	817,332,825	727,327,046	732,085,634	775,597,345	605,835,748	661,657,788	463,144,563	677,104,574	725,183,053	792,539,406	818,986,644	8,824,424,773
40														

San Diego Gas & Electric Co.													
Forecast Billing Determinants for the 12-Month Period: January 2021 - December 2021													
Line No.	System Delivery Determinants												
	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Total
1	Customer-Class Deliveries (MWh)												
2	547,063	454,859	422,927	368,332	360,315	385,319	484,843	552,101	594,421	492,160	440,122	507,638	5,610,101
3	172,634	166,365	166,300	166,300	169,181	179,044	197,992	204,486	210,494	191,541	176,670	170,745	2,171,174
4	731,279	716,058	707,352	738,042	746,123	786,555	857,604	874,260	914,939	840,031	796,073	747,347	9,455,663
5	6,103	6,411	5,572	7,328	8,407	11,177	11,177	11,177	11,472	9,998	9,205	7,443	103,854
6	14,007	14,513	14,920	16,616	17,750	19,197	21,063	19,859	21,475	19,117	17,940	15,539	211,997
7	7,373	7,033	7,057	6,885	6,938	7,150	7,227	6,871	7,218	7,005	7,239	7,443	84,936
8	5	5	5	5	5	5	5	5	5	5	5	5	61
9	1,478,463	1,365,243	1,323,556	1,303,509	1,308,718	1,386,901	1,579,912	1,668,690	1,760,025	1,559,791	1,447,021	1,455,956	17,637,785
10	<b>Total System - EXCLUDING Sale for Resale</b>												
11	1,478,458	1,365,238	1,323,551	1,303,504	1,308,713	1,386,896	1,579,907	1,668,685	1,760,019	1,559,786	1,447,016	1,455,951	17,637,724
12	<b>INPUT FROM FORECAST INFORMATION:</b>												
13	<b>Medium &amp; Large Details--Deliveries in MWh:</b>												
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	666,191	655,530	649,377	678,054	685,610	727,517	793,317	813,301	847,774	777,189	736,519	684,733	8,715,112
16	65,088	60,528	57,976	59,988	60,513	59,038	64,288	60,958	67,165	62,842	59,554	62,614	740,551
17	731,279	716,058	707,352	738,042	746,123	786,555	857,604	874,260	914,939	840,031	796,073	747,347	9,455,663
18	<b>Total</b>												
19	1,478,463	1,365,243	1,323,556	1,303,509	1,308,718	1,386,901	1,579,912	1,668,690	1,760,025	1,559,791	1,447,021	1,455,956	17,637,785
20	<b>Total System - EXCLUDING Sale for Resale</b>												
21	1,478,458	1,365,238	1,323,551	1,303,504	1,308,713	1,386,896	1,579,907	1,668,685	1,760,019	1,559,786	1,447,016	1,455,951	17,637,724

San Diego Gas & Electric													
Forecast Billing Determinants for the 12-Month Period: January 2021 - December 2021													
Line No.	System Delivery Determinants												
	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Total
21	Customer-Class Deliveries (MWh)												
22	547,062	454,858	422,927	368,332	360,315	385,319	484,842	552,100	594,421	492,160	440,122	507,637	5,610,100
23	172,633	166,364	166,300	166,300	169,180	179,043	197,992	204,486	210,494	191,541	176,670	170,744	2,171,173
24	731,278	716,057	707,352	738,042	746,122	786,555	857,604	874,259	914,938	840,030	796,073	747,346	9,455,662
25	6,102	6,410	5,571	7,327	8,406	11,177	11,177	11,177	11,472	9,997	9,205	7,443	103,854
26	14,007	14,513	14,920	16,615	17,750	19,196	21,062	19,858	21,475	19,116	17,939	15,539	211,996
27	7,372	7,032	7,056	6,885	6,937	7,149	7,227	6,871	7,217	7,005	7,239	7,443	84,935
28	5,342	5,045	5,081	4,975	5,011	5,171	5,234	4,966	5,223	5,000	5,040	5,216	61,304
29	1,478,463	1,365,243	1,323,555	1,303,508	1,308,718	1,386,901	1,579,912	1,668,690	1,760,024	1,559,790	1,447,020	1,455,956	17,637,785
30	<b>Total System - EXCLUDING Sale for Resale</b>												
31	1,478,457	1,365,238	1,323,550	1,303,503	1,308,713	1,386,896	1,579,907	1,668,685	1,760,019	1,559,785	1,447,015	1,455,950	17,637,723
32	<b>INPUT FROM FORECAST INFORMATION:</b>												
33	<b>Medium &amp; Large Details--Deliveries in MWh:</b>												
34	0	0	0	0	0	0	0	0	0	0	0	0	0
35	666,191	655,530	649,376	678,054	685,609	727,516	793,316	813,301	847,773	777,189	736,518	684,733	8,715,111
36	65,087	60,527	57,975	59,987	60,512	59,038	64,287	60,958	67,164	62,841	59,554	62,613	740,550
37	731,278	716,057	707,352	738,042	746,122	786,555	857,604	874,259	914,938	840,030	796,073	747,346	9,455,662
38	<b>Total</b>												
39	1,478,457	1,365,238	1,323,550	1,303,503	1,308,713	1,386,896	1,579,907	1,668,685	1,760,019	1,559,785	1,447,015	1,455,950	17,637,723
40	<b>Total System - EXCLUDING Sale for Resale</b>												

Work Paper - 2  
Allocation of TRBAA Balance  
@ Sept. 30, 2020

**San Diego Gas & Electric Company**  
**2021 - TRBAA Rate Filing**  
**Allocation Of Beginning TRBAA Balance Based on Forecast Balances**

Line No.	Components	(A) Beginning TRBAA Balance	(B) High Voltage TRBAA	(C) Low Voltage TRBAA	(D) Total	Reference	Line No.
1	TRBAA Balance @ 9/30/2020	\$ (5,041,424)				Work paper No. 4; Page 4.4; Line 32	1
2							2
3	Forecast - Wheeling Revenues		(16,245,100)	-	(16,245,100)	Work paper No. 6; Page 6.1; Line 19	3
4							4
5	Forecast - Settlements, Metering and Client Relations		6,689	5,311	12,000	Work paper No. 6; Page 6.1; Line 26	5
6							6
7	Forecast - ETC Cost Differentials		430,802	342,053	772,855	Work paper No. 6; Page 6.1; Line 32	7
8							8
9	Forecast - Other PTO Related Revenue (Credits)/Charges		(1,210,599)	301,896	(908,703)	Work paper No. 6; Page 6.1; Line 42	9
10							10
11	Forecast 2021 - Net Transmission Revenue Credits		\$ (17,018,208)	\$ 649,260	\$ (16,368,948)	Sum Lines 3 through 9	11
12							12
13	Allocation Factors Based on Revenue Credit Forecast		103.97%	-3.97%	100.00%	Ratios Per Line 11	13
14							14
15	Allocation of Beginning TRBAA Balance <sup>1</sup>		\$ (5,241,388)	\$ 199,964	\$ (5,041,424)	Column (A) Line 1 x Line 13	15

<sup>1</sup> The beginning TRBAA balance on line 1, Column (A), is allocated between High Voltage and Low Voltage, using the ratios that were developed on line 13.

Work Paper - 3  
Standby Revenues



**San Diego Gas & Electric Company**  
**2021 - TRBAA Rate Filing**  
**Standby Revenues**

Line No.	Components	(1)		(2)	(3) = (1) + (2)		Reference	Line No.
		High Voltage	Low Voltage		Combined TRR	Combined TRR		
1	Total Standby Revenues				\$	(16,338,264)	See Note 1	1
2								2
3	TO5-Cycle 3 Informational Filing-Wholesale Base TRR	\$ 575,136,094	\$ 457,544,224		\$	1,032,680,318	See Note 2	3
4								4
5	HV-LV Allocation Factors	55.69353%	44.30647%			100.00%	Ratios Based on Line 2	5
6								6
7	Total HV-LV Standby Revenue Credits	\$ (9,099,356)	\$ (7,238,908)		\$	(16,338,264)	Col. 3; Line 1 x Line 5 Ratios	7

1 Standby Revenue amount of \$16,338,264, from Cost Statement BG; Page 1; Column A; Line 24, of SDG&E's TO5 Cycle 3 Annual Informational Filing.  
2 Wholesale Base TRR information comes from SDG&E's TO5 Cycle 3 Annual Informational Filing.

Work Paper - 4  
Monthly TRBAA Detailed Activities

**San Diego Gas Electric Co.**  
**TRBAA Monthly Activities Applicable to BK1 and BK2**  
**For the 12-Month Period Ending September 30, 2020**  
**2021 Annual TRBAA Rate Filing**

Line No.	Description	October 2019	November 2019	December 2019	January 2020
1	Beginning Balance (Overcollection)/Undercollection	\$ (3,754,665)	\$ (5,144,616)	\$ (5,479,247)	\$ (5,899,211)
2					
3	TRBAA Refund				
4	Kwh (Excluding Sales for Resale).	1,549,198,612	1,506,651,419	1,453,950,036	1,510,881,285
5	TRBAA Rate	\$ (0.00039)	\$ (0.00039)	\$ (0.00039)	\$ (0.000735)
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (604,187)	\$ (587,594)	\$ (567,041)	\$ (1,110,498)
7	Franchise Fees & Uncollectible Expense Adjustment <sup>1</sup>	(7,174)	(6,977)	(6,733)	(13,173)
8	TRBAA Refunds/Collections Excluding Uncollectibles	\$ (597,013)	\$ (580,617)	\$ (560,307)	\$ (1,097,324)
9					
10	PTO Related - ISO Charge Types:				
11	CT 384/ CT 382 - HV Wheeling Revenues Due TO/Due ISO (Net)	(1,893,122)	(820,211)	(916,032)	(1,118,172)
12	CT 4575 - Settlements, Metering, Client Relations	1,000	1,000	1,000	1,000
13	ETC Cost Differentials <sup>2</sup>	(83,196)	(82,141)	(44,783)	(11,649)
14	Other PTO Related Revenue (Credits)/Charges <sup>3</sup>	8,775	9,954	5,654	7,880
15	Sub-Total Monthly PTO Related Activity	\$ (1,966,543)	\$ (891,397)	\$ (954,161)	\$ (1,120,941)
16					
17	Other CAISO Adjustment	-	-	-	-
18	Sub-Total Adjustment	\$ -	\$ -	\$ -	\$ -
19	Total	\$ (1,966,543)	\$ (891,397)	\$ (954,161)	\$ (1,120,941)
20					
21	Net Monthly Activity (Net Refunds, Revenues, Expenses, & Adjustments)	\$ (1,369,530)	\$ (310,781)	\$ (393,854)	\$ (23,617)
22					
23	Interest Expense Calculations:				
24	Beginning Balance for Interest Calculation	\$ (3,754,665)	\$ (5,144,616)	\$ (5,479,247)	\$ (5,899,211)
25	Monthly Activity Included in Interest Calculation Basis	(684,765)	(155,390)	(196,927)	(11,808)
26	Basis for Interest Expense Calculation	(4,439,430)	(5,300,007)	(5,676,174)	(5,911,020)
27	Monthly Interest Rate	0.46000%	0.45000%	0.46000%	0.42000%
28	Interest Expense	\$ (20,421)	\$ (23,850)	\$ (26,110)	\$ (24,826)
29					
30	Other Adjustment (rounding)				\$ 1
31					
32	<b>Ending Balance (Overcollection)/Undercollection</b>	<b>\$ (5,144,616)</b>	<b>\$ (5,479,247)</b>	<b>\$ (5,899,211)</b>	<b>\$ (5,947,653)</b>
33					
34					
35	<b><u>Franchise Fees &amp; Uncollectible Adjustment:</u></b>				
36	Franchise Fees Expense Rate	1.0277%	1.0277%	1.0277%	1.0275%
37	Uncollectible Expense Adjustment Rate	0.1740%	0.1740%	0.1740%	0.1730%
38	Combined FF&U Adjustment Rate	1.2017%	1.2017%	1.2017%	1.2005%

**San Diego Gas Electric Co.**  
**TRBAA Monthly Activities Applicable to BK1 and BK2**  
**For the 12-Month Period Ending September 30, 2020**  
**2021 Annual TRBAA Rate Filing**

Line No.	Description	February 2020	March 2020	April 2020	May 2020
1	Beginning Balance (Overcollection)/Undercollection	\$ (5,947,653)	\$ (5,026,736)	\$ (4,396,745)	\$ (3,773,366)
2					
3	TRBAA Refund				
4	Kwh (Excluding Sales for Resale).	1,466,924,380	1,250,686,785	1,288,104,345	1,112,623,812
5	TRBAA Rate	\$ (0.00108)	\$ (0.00108)	\$ (0.00108)	\$ (0.00108)
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (1,584,278)	\$ (1,350,742)	\$ (1,391,153)	\$ (1,201,634)
7	Franchise Fees & Uncollectible Expense Adjustment <sup>1</sup>	(18,794)	(16,023)	(16,503)	(14,254)
8	TRBAA Refunds/Collections Excluding Uncollectibles	\$ (1,565,485)	\$ (1,334,718)	\$ (1,374,650)	\$ (1,187,379)
9					
10	PTO Related - ISO Charge Types:				
11	CT 384/ CT 382 - HV Wheeling Revenues Due TO/Due ISO (Net)	(611,977)	(680,073)	(755,472)	(713,840)
12	CT 4575 - Settlements, Metering, Client Relations	1,000	1,000	1,000	1,000
13	ETC Cost Differentials <sup>2</sup>	(24,894)	(28,860)	4,225	(20,178)
14	Other PTO Related Revenue (Credits)/Charges <sup>3</sup>	12,662	22,953	14,877	50,847
15	Sub-Total Monthly PTO Related Activity	\$ (623,209)	\$ (684,980)	\$ (735,370)	\$ (682,171)
16					
17	Other CAISO Adjustment	-	-	-	-
18	Sub-Total Adjustment	\$ -	\$ -	\$ -	\$ -
19	Total	\$ (623,209)	\$ (684,980)	\$ (735,370)	\$ (682,171)
20					
21	Net Monthly Activity (Net Refunds, Revenues, Expenses, & Adjustments)	\$ 942,275	\$ 649,739	\$ 639,280	\$ 505,208
22					
23	Interest Expense Calculations:				
24	Beginning Balance for Interest Calculation	\$ (5,947,653)	\$ (5,026,736)	\$ (4,396,745)	\$ (3,773,366)
25	Monthly Activity Included in Interest Calculation Basis	471,138	324,869	319,640	252,604
26	Basis for Interest Expense Calculation	(5,476,516)	(4,701,867)	(4,077,105)	(3,520,762)
27	Monthly Interest Rate	0.39000%	0.42000%	0.39000%	0.40000%
28	Interest Expense	\$ (21,358)	\$ (19,748)	\$ (15,901)	\$ (14,083)
29					
30	Other Adjustment (rounding)				
31					
32	<b>Ending Balance (Overcollection)/Undercollection</b>	<b>\$ (5,026,736)</b>	<b>\$ (4,396,745)</b>	<b>\$ (3,773,366)</b>	<b>\$ (3,282,240)</b>
33					
34					
35	<b><u>Franchise Fees &amp; Uncollectible Adjustment:</u></b>				
36	Franchise Fees Expense Rate	1.0275%	1.0275%	1.0275%	1.0275%
37	Uncollectible Expense Adjustment Rate	0.1730%	0.1730%	0.1730%	0.1730%
38	Combined FF&U Adjustment Rate	1.2005%	1.2005%	1.2005%	1.2005%

**San Diego Gas Electric Co.**  
**TRBAA Monthly Activities Applicable to BK1 and BK2**  
**For the 12-Month Period Ending September 30, 2020**  
**2021 Annual TRBAA Rate Filing**

Line No.	Description	June 2020	July 2020	August 2020	September 2020
1	Beginning Balance (Overcollection)/Undercollection	\$ (3,282,240)	\$ (2,573,118)	\$ (2,087,121)	\$ (3,037,659)
2					
3	TRBAA Refund				
4	Kwh (Excluding Sales for Resale).	1,570,585,179	1,473,299,284	1,670,934,457	1,833,089,665
5	TRBAA Rate	\$ (0.00108)	\$ (0.00108)	\$ (0.00108)	\$ (0.00108)
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (1,696,232)	\$ (1,591,163)	\$ (1,804,609)	\$ (1,979,737)
7	Franchise Fees & Uncollectible Expense Adjustment <sup>1</sup>	(20,122)	(18,875)	(21,407)	(23,485)
8	TRBAA Refunds/Collections Excluding Uncollectibles	\$ (1,676,110)	\$ (1,572,288)	\$ (1,783,202)	\$ (1,956,252)
9					
10	PTO Related - ISO Charge Types:				
11	CT 384/ CT 382 - HV Wheeling Revenues Due TO/Due ISO (Net)	(1,159,780)	(1,236,961)	(3,247,090)	(3,092,371)
12	CT 4575 - Settlements, Metering, Client Relations	1,000	1,000	1,000	1,000
13	ETC Cost Differentials <sup>2</sup>	(31,083)	(18,507)	364,744	749,177
14	Other PTO Related Revenue (Credits)/Charges <sup>3</sup>	234,271	174,925	155,026	(1,606,528)
15	Sub-Total Monthly PTO Related Activity	\$ (955,592)	\$ (1,079,542)	\$ (2,726,320)	\$ (3,948,721)
16					
17	Other CAISO Adjustment	-	-	-	-
18	Sub-Total Adjustment	\$ -	\$ -	\$ -	\$ -
19	Total	\$ (955,592)	\$ (1,079,542)	\$ (2,726,320)	\$ (3,948,721)
20					
21	Net Monthly Activity (Net Refunds, Revenues, Expenses, & Adjustments)	\$ 720,518	\$ 492,746	\$ (943,119)	\$ (1,992,469)
22					
23	Interest Expense Calculations:				
24	Beginning Balance for Interest Calculation	\$ (3,282,240)	\$ (2,573,118)	\$ (2,087,121)	\$ (3,037,659)
25	Monthly Activity Included in Interest Calculation Basis	360,259	246,373	(471,559)	(996,235)
26	Basis for Interest Expense Calculation	(2,921,981)	(2,326,745)	(2,558,680)	(4,033,893)
27	Monthly Interest Rate	0.39000%	0.29000%	0.29000%	0.28000%
28	Interest Expense	\$ (11,396)	\$ (6,748)	\$ (7,420)	\$ (11,295)
29					
30	Other Adjustment (rounding)		\$ (1)	\$ 1	\$ (1)
31					
32	<b>Ending Balance (Overcollection)/Undercollection</b>	<b>\$ (2,573,118)</b>	<b>\$ (2,087,121)</b>	<b>\$ (3,037,659)</b>	<b>\$ (5,041,424)</b>
33					
34					
35	<b><u>Franchise Fees &amp; Uncollectible Adjustment:</u></b>				
36	Franchise Fees Expense Rate	1.0275%	1.0275%	1.0275%	1.0275%
37	Uncollectible Expense Adjustment Rate	0.1730%	0.1730%	0.1730%	0.1730%
38	Combined FF&U Adjustment Rate	1.2005%	1.2005%	1.2005%	1.2005%

**San Diego Gas Electric Co.**  
**TRBAA Monthly Activities Applicable to BK1 and BK2**  
**For the 12-Month Period Ending September 30, 2020**  
**2021 Annual TRBAA Rate Filing**

Line No.	Description	Total	Reference	Line No.
1	Beginning Balance (Overcollection)/Undercollection	\$ (3,754,665)	Previous Month's Balance	1
2				2
3	TRBAA Refund			3
4	Kwh (Excluding Sales for Resale).	17,686,929,259	Work Paper No. 1; Page 1.1; Line 32 TRBAA Rates; ER 19-209 (Oct - Dec 2019); ER20-524 (2020)	4
5	TRBAA Rate			5
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (15,468,868)	Line 4 x Line 5	6
7	Franchise Fees & Uncollectible Expense Adjustment <sup>1</sup>	(183,521)	(Line 6 / (1+ Line 38)) * Line 38	7
8	TRBAA Refunds/Collections Excluding Uncollectibles	\$ (15,285,346)	Line 6 - Line 7	8
9				9
10	PTO Related - ISO Charge Types:			10
11	CT 384/ CT 382 - HV Wheeling Revenues Due TO/Due ISO (Net)	(16,245,100)	Work Paper No. 5; Page 5.1-5.2; Line 4	11
12	CT 4575 - Settlements, Metering, Client Relations	12,000	Work Paper No. 5; Page 5.1-5.2; Line 7	12
13	ETC Cost Differentials <sup>2</sup>	772,855	Work Paper No. 5; Page 5.1-5.2; Line 10	13
14	Other PTO Related Revenue (Credits)/Charges <sup>3</sup>	(908,703)	Work Paper No. 5; Page 5.1-5.2; Line 13	14
15	Sub-Total Monthly PTO Related Activity	\$ (16,368,948)	Sum Lines 11 thru 14	15
16				16
17	Other CAISO Adjustment	-	Other CAISO Adjustment	17
18	Sub-Total Adjustment	\$ -	Sum Line 17	18
19	Total	\$ (16,368,948)	Sum Lines 15; 18	19
20				20
21	Net Monthly Activity (Net Refunds, Revenues, Expenses, & Adjustments)	\$ (1,083,602)	Minus Line 8 + (Line 19)	21
22				22
23	Interest Expense Calculations:			23
24	Beginning Balance for Interest Calculation		Beg. Monthly Balances Jan 2020	24
25	Monthly Activity Included in Interest Calculation Basis		Interest Calculation Basis	25
26	Basis for Interest Expense Calculation		Line 24 + Line 25	26
27	Monthly Interest Rate		FERC Monthly Rates	27
28	Interest Expense	\$ (203,156)	Line 26 x Line 27	28
29				29
30	Other Adjustment (rounding)	-		30
31				31
32	<b>Ending Balance (Overcollection)/Undercollection</b>	<b>\$ (5,041,424)</b>	Line 1 + Line 21 + Line 28 + Line 30	32
33				33
34				34
35	<b><u>Franchise Fees &amp; Uncollectible Adjustment:</u></b>			35
36	Franchise Fees Expense Rate		Franchise Fees Expense Rate	36
37	Uncollectible Expense Adjustment Rate		Uncollectible Expense Adjustment Rate	37
38	Combined FF&U Adjustment Rate		Line 36 + Line 37	38

**San Diego Gas & Electric Co.**  
**2021 TRBAA Rate Filing**  
**Monthly TRBAA Details for Period Ending September 30, 2020**

Line No.	FOOTNOTES to Monthly TRBAA Balance:	Line No.
1	1 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.	1
2	2 Existing Transmission Contract (ETC) Cost Differentials related to APS-IID pertains to SDG&E as the Scheduling Coordinator for Arizona Public Service - Imperial Irrigation District ("APS-IID") (See Work Paper No. 5; Pages 5.1 - 5.2; Line 10).	2
3	3 Other Participating Transmission Owner (PTO) Related (Credits)/Charges include CAISO charge codes 1592, 7989, 7999, 8526, 8989, and 8999. These charges are segregated out of the ETC Cost Differentials category and classified as Other PTO related (Credits)/Charges to enhance reporting transparency. Each account has a different allocation method specified by CAISO.	3
4		4
5		5

Work Paper - 5  
Summary of CAISO Charge Codes



**San Diego Gas & Electric Company**  
**2021 TRBAA Rate Filing**  
**CAISO Charges Oct. 2019 - Sept. 2020**

Line No.	Description	October 2019	November 2019	December 2019	January 2020	February 2020	March 2020	April 2020	May 2020
1	<b>High Voltage Wheeling Revenues:</b>								
2	CT 384 - HV Wheeling Revenues Due TO	\$ (1,872,348)	\$ (820,211)	\$ (916,032)	\$ (1,118,172)	\$ (611,977)	\$ (680,073)	\$ (757,067)	\$ (713,840)
3	CT 382 - HV Wheeling Charge Due ISO	(20,774)	0	-	-	-	-	1,594	-
4	Net	\$ (1,893,122)	\$ (820,211)	\$ (916,032)	\$ (1,118,172)	\$ (611,977)	\$ (680,073)	\$ (755,472)	\$ (713,840)
5									
6	<b>CT 4575 - Settlements, Metering, &amp; Client Relations (SDGE-PTO)</b>								
7		\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
8									
9	<b>ETC Cost Differentials from CAISO</b>								
10		\$ (83,196)	\$ (82,141)	\$ (44,783)	\$ (11,649)	\$ (24,894)	\$ (28,860)	\$ 4,225	\$ (20,178)
11									
12									
13	<b>Other PTO Related Revenue (Credits)/Charges</b>								
14		\$ 8,775	\$ 9,954	\$ 5,654	\$ 7,880	\$ 12,662	\$ 22,953	\$ 14,877	\$ 50,847

San Diego Gas & Electric Company  
2021 TRBAA Rate Filing  
CAISO Charges Oct. 2019 - Sept. 2020

Line No.	Description	June 2020	July 2020	August 2020	September 2020	Total	Reference	Line No.
1	<b>High Voltage Wheeling Revenues:</b>							1
2	CT 384 - HV Wheeling Revenues Due TO	\$ (1,163,526)	\$ (1,236,961)	\$ (3,269,475)	\$ (3,281,911)	\$ (16,441,592)	ISO Charge Type 384	2
3	CT 382 - HV Wheeling Charge Due ISO	3,746	-	22,385	189,541	196,492	ISO Charge Type 382	3
4	Net	\$ (1,159,780)	\$ (1,236,961)	\$ (3,247,090)	\$ (3,092,371)	\$ (16,245,100)		4
5								5
6	<b>CT 4575 - Settlements, Metering, &amp; Client Relations (SDGE-PTO)</b>	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 12,000	ISO Charge Type-4575	6
7								7
8								8
9	<b>ETC Cost Differentials from CAISO</b>	\$ (31,083)	\$ (18,507)	\$ 364,744	\$ 749,177	\$ 772,855	Work Paper 10; Pages 10.1 - 10.3; Line 55	9
10								10
11								11
12	<b>Other PTO Related Revenue (Credits)/Charges</b>	\$ 234,271	\$ 174,925	\$ 155,026	\$ (1,606,528)	\$ (908,703)	Work Paper 12; Pages 12.1 - 12.2; Line 15	12
13								13
14								14

Work Paper - 6  
Summary of Transmission Revenue  
(Credits)/Charges Forecast

San Diego Gas & Electric Company  
2021 - TRBAA Rate Filing  
Summary of TRBAA Forecast Allocation Between High Voltage and Low Voltage Facilities

Line No.	Reference	(A)		(B)	(C) = (A) + (B)	
		High Voltage	Low Voltage	Low Voltage	Total	Total
1	<b>HV-LV Allocation Factors:</b>					
2						
3	<b>A. Development of Allocation Factors:</b>					
4						
5	TO5 Cycle 3 - Recorded Gross Plant Balances; Dollars in (\$000)	\$ 3,773,764	\$ 2,598,890	\$ 6,372,654		
6						
7	TO5 Cycle 3 - Weighted Forecast Plant Additions; Dollars in (\$000)	\$ 182,983	\$ 542,731	\$ 725,715		
8						
9	Total Recorded & Forecast Gross Plant Balances; Dollars in (\$000)	\$ 3,956,747	\$ 3,141,621	\$ 7,098,368		
10						
11	High Voltage - Low Voltage Ratios Based on Gross Plant; Per Line 9	55.74%	44.26%	100.00%		
12						
13	<b>B. Allocation of High Voltage Wheeling Revenues:</b>					
14						
15	Total Wheeling Revenues Forecast based on recorded HV-LV wheeling revenues ending 9/30/2020	\$ (16,245,100)	\$ -	\$ (16,245,100)		
16						
17	HV - Allocation Ratio is NOT Based on Plant as shown on Line 11	100.00%	0.00%	100.00%		
18						
19	<b>Total HV-LV Wheeling Revenues Allocation</b>	\$ (16,245,100)	\$ -	\$ (16,245,100)		
20						
21	<b>C. Forecast of Settlements, Metering, &amp; Client Relations Expense:</b>					
22	Total Settlements, Metering & Client Relations Expense Forecast based on recorded CC4575 ending 9/30/2020			\$ 12,000		
23						
24	Adjusted for Known and Measurable Changes.					
25						
26	<b>Total Settlements, Metering, &amp; Client Relations Allocation</b>	\$ 6,689	\$ 5,311	\$ 12,000		
27						
28	<b>D. Forecast of ETC Cost Differentials Expense:</b>					
29	Total ETC Cost Differentials Expense Forecast based on recorded other various CAISO charges ending 9/30/2020			\$ 772,855		
30						
31						
32	<b>Total ETC Cost Differentials Allocation</b>	\$ 430,802	\$ 342,053	\$ 772,855		
33						
34	<b>E. Forecast of Other PTO Related Revenue (Credits)/Charges:</b>					
35	Total Other PTO Related Revenue (Credits)/Charges based on recorded specific various CAISO charges ending 9/30/2020			\$ (908,703)		
36						
37						
38	Less: CC 8526 and WDAT HV/LV specific allocation per CAISO	\$ (1,703,173)	\$ (89,203)	\$ (1,792,376)		
39						
40	Net Other PTO Related Revenue (Credits)/Charges HV/LV Allocation	\$ 492,574	\$ 391,099	\$ 883,673		
41						
42	<b>Total Other PTO Related Revenue (Credits)/Charges Allocation</b>	\$ (1,210,599)	\$ 301,896	\$ (908,703)		
43						

Work Paper - 7  
Derivation of Wheeling Revenue Forecast

**San Diego Gas & Electric Company**  
**2021 - TRBAA Rate Filing**  
**Wheeling Revenues Forecast**

Line No	Actual Recorded Month	(A)		(B)		(C) Total	(D) Reference	Line No
		High Voltage Wheeling Revenues (384)/(382)-Net	Low Voltage Wheeling Revenues (385)					
1	Oct-19	\$ (1,893,122)	\$ -	\$ (1,893,122)		Work paper No. 5; Page 5.1 and 5.2; Line 4	1	
2							2	
3	Nov-19	(820,211)	-	(820,211)		Work paper No. 5; Page 5.1 and 5.2; Line 4	3	
4							4	
5	Dec-19	(916,032)	-	(916,032)		Work paper No. 5; Page 5.1 and 5.2; Line 4	5	
6							6	
7	Jan-20	(1,118,172)	-	(1,118,172)		Work paper No. 5; Page 5.1 and 5.2; Line 4	7	
8							8	
9	Feb-20	(611,977)	-	(611,977)		Work paper No. 5; Page 5.1 and 5.2; Line 4	9	
10							10	
11	Mar-20	(680,073)	-	(680,073)		Work paper No. 5; Page 5.1 and 5.2; Line 4	11	
12							12	
13	Apr-20	(755,472)	-	(755,472)		Work paper No. 5; Page 5.1 and 5.2; Line 4	13	
14							14	
15	May-20	(713,840)	-	(713,840)		Work paper No. 5; Page 5.1 and 5.2; Line 4	15	
16							16	
17	Jun-20	(1,159,780)	-	(1,159,780)		Work paper No. 5; Page 5.1 and 5.2; Line 4	17	
18							18	
19	Jul-20	(1,236,961)	-	(1,236,961)		Work paper No. 5; Page 5.1 and 5.2; Line 4	19	
20							20	
21	Aug-20	(3,247,090)	-	(3,247,090)		Work paper No. 5; Page 5.1 and 5.2; Line 4	21	
22							22	
23	Sep-20	(3,092,371)	-	(3,092,371)		Work paper No. 5; Page 5.1 and 5.2; Line 4	23	
24							24	
25	<b>Total Recorded</b>	<b>\$ (16,245,100)</b>	<b>\$ -</b>	<b>\$ (16,245,100)</b>		<b>Sum Lines 1 to 23</b>	25	
26							26	
27	<b>Wheeling Revenue Forecast</b>	<b>\$ (16,245,100)</b>	<b>\$ -</b>	<b>(16,245,100)</b>		<b>See Line 25</b>	27	
28							28	

Work Paper - 8

Derivation of Settlements, Metering and  
Client Relations Charges Forecast

San Diego Gas & Electric Company  
 2021 - TRBAA Rate Filing  
 CAISO Charge Code 4575 - Settlements, Metering and Client Relations Charge Code 4575 Forecast

Line No.	Actual Recorded Month	Settlements, Metering, and Client Relations Charge Code - 4575	Reference	Line No.
1	Oct-19	\$ 1,000	Work paper No. 5; Page 5.1 and 5.2; Line 7	1
2				2
3	Nov-19	1,000	Work paper No. 5; Page 5.1 and 5.2; Line 7	3
4				4
5	Dec-19	1,000	Work paper No. 5; Page 5.1 and 5.2; Line 7	5
6				6
7	Jan-20	1,000	Work paper No. 5; Page 5.1 and 5.2; Line 7	7
8				8
9	Feb-20	1,000	Work paper No. 5; Page 5.1 and 5.2; Line 7	9
10				10
11	Mar-20	1,000	Work paper No. 5; Page 5.1 and 5.2; Line 7	11
12				12
13	Apr-20	1,000	Work paper No. 5; Page 5.1 and 5.2; Line 7	13
14				14
15	May-20	1,000	Work paper No. 5; Page 5.1 and 5.2; Line 7	15
16				16
17	Jun-20	1,000	Work paper No. 5; Page 5.1 and 5.2; Line 7	17
18				18
19	Jul-20	1,000	Work paper No. 5; Page 5.1 and 5.2; Line 7	19
20				20
21	Aug-20	1,000	Work paper No. 5; Page 5.1 and 5.2; Line 7	21
22				22
23	Sep-20	1,000	Work paper No. 5; Page 5.1 and 5.2; Line 7	23
24				24
25	<b>Total Recorded</b>	\$ 12,000	Sum Lines 1 to 23	25
26				26
27	<b>Settlements, Metering and Client Relations Charge Code - 4575 Forecast<sup>a</sup></b>	\$ 12,000	See Line 25	27
28				28

<sup>a</sup> CAISO Settlements, Metering and Client Relations forecast is based on the recorded new rates under MRTU of \$1,000 per month. This amount represents the amount charged to SDG&E as a PTO. A similar amount is charged to SDG&E as the Scheduling Coordinator for APS-IID where the amount is included as part of ETC Cost Differentials.



Work Paper - 9  
Derivation of ETC Cost Differentials  
Forecast

**San Diego Gas & Electric Company**  
**2021 - TRBAA Rate Filing**  
**Existing Transmission Contracts (ETC) Cost Differentials Forecast**

Line No.	Actual Recorded Month	Existing Transmission Contracts (ETC) Cost Differentials	Reference	Line No.
1	Oct-19	\$ (83,196)	Work paper No. 5; Page 5.1 and 5.2; Line 10	1
2				2
3	Nov-19	(82,141)	Work paper No. 5; Page 5.1 and 5.2; Line 10	3
4				4
5	Dec-19	(44,783)	Work paper No. 5; Page 5.1 and 5.2; Line 10	5
6				6
7	Jan-20	(11,649)	Work paper No. 5; Page 5.1 and 5.2; Line 10	7
8				8
9	Feb-20	(24,894)	Work paper No. 5; Page 5.1 and 5.2; Line 10	9
10				10
11	Mar-20	(28,860)	Work paper No. 5; Page 5.1 and 5.2; Line 10	11
12				12
13	Apr-20	4,225	Work paper No. 5; Page 5.1 and 5.2; Line 10	13
14				14
15	May-20	(20,178)	Work paper No. 5; Page 5.1 and 5.2; Line 10	15
16				16
17	Jun-20	(31,083)	Work paper No. 5; Page 5.1 and 5.2; Line 10	17
18				18
19	Jul-20	(18,507)	Work paper No. 5; Page 5.1 and 5.2; Line 10	19
20				20
21	Aug-20	364,744	Work paper No. 5; Page 5.1 and 5.2; Line 10	21
22				22
23	Sep-20	749,177	Work paper No. 5; Page 5.1 and 5.2; Line 10	23
24				24
25	<b>Total Recorded</b>	<b>\$ 772,855</b>	Sum Lines 1 to 23	25
26				26
27	<b>Existing Transmission Contracts (ETC) Cost Differentials Forecast</b>	<b>\$ 772,855</b>	See Line 25	27
28				28

Work Paper – 10  
Monthly Recorded ETC Cost Differentials  
Charge Types

**San Diego Gas & Electric Company**  
**2021 TRBAA Rate Filing**  
**Details of Monthly ETC Cost Differentials**

Line No.	Charge Type	ETC Cost Differentials Charge Types	Oct-19	Nov-19	Dec-19	Jan-20
		<b>TRBAA Revenues</b>				
1	1592	EP Penalty Allocation Payment	\$ -	\$ -	\$ -	\$ -
2	4989	RTM Congestion Credit Settlement	-	-	-	-
3	5999	FERC Mandated Interest on re-runs	-	-	-	-
4	6011	Day Ahead Energy Congestion Loss Management	(14,397)	(27,908)	3,944	33,686
5	6051	HASP Energy, Congestion & Loss Predispatched Settlement	-	-	-	-
6	6090	Ancillary Service Upward Neutrality Allocation	-	-	-	-
7	6194	Spinning Reserve Obligation Settlement	(137)	(97)	(54)	(39)
8	6294	Non-Spinning Reserve Obligation Settlement	(25)	(30)	1	(2)
9	6457	Declined Hourly Pre-Dispatched Penalty Allocation	6	-	-	-
10	6478	Real Time System Imbalance Energy Offset	-	17	7	(6)
11	6620	Bid Cost Recovery Settlement	-	-	-	-
12	6706	Monthly CRRBA Clearing	172	(0)	-	-
13	6788	Real Time Market Congestion Credit Settlement	(2,950)	(8,677)	(9,443)	25,318
14	6791	CRR Accrued Interest Allocation	3	-	-	-
15	6947	IFM Marginal Losses Surplus Credit Allocation	(114,572)	(83,029)	(90,371)	(114,081)
16	6977	Allocation of Transmission Loss Obligation Charge for Real Time Schedule Under Control Agreement	98	17	(27)	18
17	7057	Flexible Ramp Supply Cost Allocation Reversal	-	-	-	-
18	7070	Flexible Ramp Forecasted Movement Settlement	-	(2,663)	11,799	-
19	7078	Monthly Flexible Ramp Up Uncertainty Award Allocation	584	(929)	(2,041)	(83)
20	7989	Invoice Deviation Interest Distribution	(56)	(431)	(104)	(147)
21	8526	Generator Interconnection Process Forfeited Deposit Allocation	-	-	-	-
22	8989	Daily Neutrality Adjustment	(178)	-	-	-
23	8999	Neutrality Adjustment	-	-	-	-
24		All Other-WDAT	-	-	-	-
25						
26		<b>TRBAA Expenses</b>				
27	0525	FERC Fees Under/Over Recovery	-	-	-	-
28	0550	FERC Fees	(127)	-	-	-
29	1303	Supplemental Reactive Energy Allocation	-	-	-	-
30	4512	Inter SC Trade Fee	-	-	-	-
31	4515	Bid Segment Fee	45	38	35	38
32	4560	GMC - Market Service Charge	1,423	689	1,736	409
33	4561	GMC - System Operations Charge	465	370	123	15
34	4563	GMC - Transmission Ownership Rights	40,959	28,551	30,777	40,435
35	4575	Settlements, Metering, Client Relations	1,000	1,000	1,000	1,000
36	6196	Spinning Reserve Neutrality Allocation	-	-	-	-
37	6296	Non-Spinning Reserve Neutrality Allocation	-	-	-	-
38	6455	Declined Hourly Pre-Dispatch Penalty Allocation	-	-	-	-
39	6460	FMM Instructed Imbalance Energy Settlement	1,978	8,369	9,970	5,089
40	6470	Real-Time Instructed Imbalance Energy Settlement	2,574	2,840	2,394	(3,036)
41	6477	Real-Time Imbalanced Energy Offset	(436)	411	(281)	(112)
42	6480	Excess Cost Neutrality Allocation	-	-	-	0
43	6636	IFM Bid Cost Recovery Tier 1 Allocation	-	-	-	-
44	6678	Real Time Bid Cost Recovery Allocation	114	(140)	241	(118)
45	6774	Real Time Congestion Offset	(222)	365	(406)	(175)
46	6790	CRR Balancing Account	(178)	164	(266)	542
47	6985	Real Time Marginal Losses Offset	(288)	(1,478)	(3,501)	(668)
48	7056	Flexible Ramp Cost Allocation	-	-	-	-
49	7058	Monthly Flexible Ramp Supply Cost Allocation	-	-	-	-
50	7077	Daily Flexible Ramp Up Uncertainty Award Allocation	949	215	(903)	172
51	7087	Daily Flexible Ramp Down Uncertainty Award Allocation	-	195	(7)	-
52	7088	Monthly Flexible Ramp Down Uncertainty Award Allocation	-	-	(646)	-
53	7999	Invoice Deviation Interest Allocation	0	3	1,237	96
54						
55		<b>Grand Total</b>	<b>\$ (83,196)</b>	<b>\$ (82,141)</b>	<b>\$ (44,783)</b>	<b>\$ (11,649)</b>
56						
57						
58		Adjusted Total ETC Cost Differential - Line 55 above	<b>\$ (83,196)</b>	<b>\$ (82,141)</b>	<b>\$ (44,783)</b>	<b>\$ (11,649)</b>
59		Per TRBAA Schedule; Workpaper 4.1 to 4.4; Line 13	<b>\$ (83,196)</b>	<b>\$ (82,141)</b>	<b>\$ (44,783)</b>	<b>\$ (11,649)</b>
60		Difference	-	-	-	-
61						

**San Diego Gas & Electric Company**  
**2021 TRBAA Rate Filing**  
**Details of Monthly ETC Cost Differentials**

Line No.	Charge Type	ETC Cost Differentials Charge Types	Feb-20	Mar-20	Apr-20	May-20
		<b>TRBAA Revenues</b>				
1	1592	EP Penalty Allocation Payment	\$ -	\$ -	\$ -	\$ (3,981)
2	4989	RTM Congestion Credit Settlement	-	-	-	-
3	5999	FERC Mandated Interest on re-runs	-	-	-	-
4	6011	Day Ahead Energy Congestion Loss Management	11,899	(11,485)	684	10,241
5	6051	HASP Energy, Congestion & Loss Predispatched Settlement	-	-	-	-
6	6090	Ancillary Service Upward Neutrality Allocation	-	-	(1)	(1)
7	6194	Spinning Reserve Obligation Settlement	(39)	(35)	(20)	(22)
8	6294	Non-Spinning Reserve Obligation Settlement	1	(5)	(3)	(3)
9	6457	Declined Hourly Pre-Dispatched Penalty Allocation	-	-	(0)	-
10	6478	Real Time System Imbalance Energy Offset	(22)	(10)	(418)	402
11	6620	Bid Cost Recovery Settlement	-	-	-	-
12	6706	Monthly CRRBA Clearing	-	-	(19)	-
13	6788	Real Time Market Congestion Credit Settlement	(13,367)	3,150	41,797	(1,271)
14	6791	CRR Accrued Interest Allocation	-	-	(1)	-
15	6947	IFM Marginal Losses Surplus Credit Allocation	(66,973)	(65,148)	(43,357)	(74,031)
16	6977	Allocation of Transmission Loss Obligation Charge for Real Time Schedule Under Control Agreement	(14)	(25)	29	(44)
17	7057	Flexible Ramp Supply Cost Allocation Reversal	-	-	-	-
18	7070	Flexible Ramp Forecasted Movement Settlement	-	-	-	-
19	7078	Monthly Flexible Ramp Up Uncertainty Award Allocation	(710)	41	122	1
20	7989	Invoice Deviation Interest Distribution	(428)	(200)	(68)	(164)
21	8526	Generator Interconnection Process Forfeited Deposit Allocation	-	-	-	(1,514)
22	8989	Daily Neutrality Adjustment	-	-	-	-
23	8999	Neutrality Adjustment	-	-	-	-
24		All Other-WDAT	-	-	-	-
25						
26		<b>TRBAA Expenses</b>				
27	0525	FERC Fees Under/Over Recovery	-	-	-	-
28	0550	FERC Fees	-	-	10	-
29	1303	Supplemental Reactive Energy Allocation	-	-	-	-
30	4512	Inter SC Trade Fee	-	-	-	-
31	4515	Bid Segment Fee	33	43	31	37
32	4560	GMC - Market Service Charge	1,060	1,223	1,294	677
33	4561	GMC - System Operations Charge	207	648	(36)	364
34	4563	GMC - Transmission Ownership Rights	35,676	47,376	31,443	40,441
35	4575	Settlements, Metering, Client Relations	1,000	1,000	1,000	1,000
36	6196	Spinning Reserve Neutrality Allocation	-	-	(7)	15
37	6296	Non-Spinning Reserve Neutrality Allocation	-	-	(4)	1
38	6455	Declined Hourly Pre-Dispatch Penalty Allocation	-	-	-	-
39	6460	FMM Instructed Imbalance Energy Settlement	(956)	(8,248)	(4,997)	7,009
40	6470	Real-Time Instructed Imbalance Energy Settlement	7,373	(417)	(21,374)	(76)
41	6477	Real-Time Imbalanced Energy Offset	(66)	245	(677)	779
42	6480	Excess Cost Neutrality Allocation	(0)	1	(1)	-
43	6636	IFM Bid Cost Recovery Tier 1 Allocation	-	-	-	-
44	6678	Real Time Bid Cost Recovery Allocation	(16)	143	(156)	(8)
45	6774	Real Time Congestion Offset	39	(9)	(25)	10
46	6790	CRR Balancing Account	(113)	(267)	127	(85)
47	6985	Real Time Marginal Losses Offset	146	2,567	(1,062)	(88)
48	7056	Flexible Ramp Cost Allocation	-	-	-	-
49	7058	Monthly Flexible Ramp Supply Cost Allocation	-	-	-	-
50	7077	Daily Flexible Ramp Up Uncertainty Award Allocation	(228)	16	(132)	-
51	7087	Daily Flexible Ramp Down Uncertainty Award Allocation	354	-	-	-
52	7088	Monthly Flexible Ramp Down Uncertainty Award Allocation	216	(1)	(3)	1
53	7999	Invoice Deviation Interest Allocation	37	537	50	130
54						
55		<b>Grand Total</b>	<b>\$ (24,894)</b>	<b>\$ (28,860)</b>	<b>\$ 4,225</b>	<b>\$ (20,178)</b>
56						
57						
58		Adjusted Total ETC Cost Differential - Line 55 above	<b>\$ (24,894)</b>	<b>\$ (28,860)</b>	<b>\$ 4,225</b>	<b>\$ (20,178)</b>
59		Per TRBAA Schedule; Workpaper 4.1 to 4.4; Line 13	<b>\$ (24,894)</b>	<b>\$ (28,860)</b>	<b>\$ 4,225</b>	<b>\$ (20,178)</b>
60		Difference	-	-	-	-
61						

**San Diego Gas & Electric Company**  
**2021 TRBAA Rate Filing**  
**Details of Monthly ETC Cost Differentials**

Line No.	Charge Type	ETC Cost Differentials Charge Types	Jun-20	Jul-20	Aug-20	Sep-20	Total	Line No.
		<b>TRBAA Revenues</b>						
1	1592	EP Penalty Allocation Payment	\$ -	\$ (5)	\$ -	\$ -	\$ (3,986)	1
2	4989	RTM Congestion Credit Settlement	-	-	-	-	-	2
3	5999	FERC Mandated Interest on re-runs	-	-	-	-	-	3
4	6011	Day Ahead Energy Congestion Loss Management	21,634	23,004	34,657	71,343	157,301	4
5	6051	HASP Energy, Congestion & Loss Predispatched Settlement	-	-	-	-	-	5
6	6090	Ancillary Service Upward Neutrality Allocation	(0)	(2)	(10)	(462)	(476)	6
7	6194	Spinning Reserve Obligation Settlement	(71)	(23)	1,360	5,862	6,685	7
8	6294	Non-Spinning Reserve Obligation Settlement	(11)	(11)	1,120	5,902	6,932	8
9	6457	Declined Hourly Pre-Dispatched Penalty Allocation	(0)	-	(8)	(434)	(436)	9
10	6478	Real Time System Imbalance Energy Offset	1	(3)	2	(36)	(68)	10
11	6620	Bid Cost Recovery Settlement	-	-	-	-	-	11
12	6706	Monthly CRRBA Clearing	(77)	-	(479)	(14,372)	(14,776)	12
13	6788	Real Time Market Congestion Credit Settlement	806	2,482	58,851	188,735	285,430	13
14	6791	CRR Accrued Interest Allocation	(1)	-	(5)	(20)	(22)	14
15	6947	IFM Marginal Losses Surplus Credit Allocation	(99,471)	(91,520)	(126,729)	(244,130)	(1,213,413)	15
16	6977	Allocation of Transmission Loss Obligation Charge for Real Time Schedule Under Control Agreement	12	6	(696)	(2,406)	(3,031)	16
17	7057	Flexible Ramp Supply Cost Allocation Reversal	-	-	-	-	-	17
18	7070	Flexible Ramp Forecasted Movement Settlement	(0)	-	6,095	(5,263)	9,967	18
19	7078	Monthly Flexible Ramp Up Uncertainty Award Allocation	4	(0)	(90)	(90)	(3,190)	19
20	7989	Invoice Deviation Interest Distribution	(338)	(253)	(84)	(115)	(2,389)	20
21	8526	Generator Interconnection Process Forfeited Deposit Allocation	-	-	-	-	(1,514)	21
22	8989	Daily Neutrality Adjustment	-	-	-	-	(178)	22
23	8999	Neutrality Adjustment	-	-	-	-	-	23
24		All Other-WDAT	-	-	-	-	-	24
25			-	-	-	-	-	25
		<b>TRBAA Expenses</b>						
26								26
27	0525	FERC Fees Under/Over Recovery	-	-	1	-	1	27
28	0550	FERC Fees	23	-	135	1,133	1,173	28
29	1303	Supplemental Reactive Energy Allocation	-	-	-	-	-	29
30	4512	Inter SC Trade Fee	-	-	-	-	-	30
31	4515	Bid Segment Fee	44	34	34	42	455	31
32	4560	GMC - Market Service Charge	671	277	1,428	4,777	15,665	32
33	4561	GMC - System Operations Charge	166	208	1,408	4,348	8,284	33
34	4563	GMC - Transmission Ownership Rights	51,268	44,790	45,243	51,261	488,219	34
35	4575	Settlements, Metering, Client Relations	1,000	1,000	1,000	1,000	12,000	35
36	6196	Spinning Reserve Neutrality Allocation	1	3	285	1,829	2,125	36
37	6296	Non-Spinning Reserve Neutrality Allocation	(0)	1	214	1,834	2,046	37
38	6455	Declined Hourly Pre-Dispatch Penalty Allocation	-	-	-	-	-	38
39	6460	FMM Instructed Imbalance Energy Settlement	(185)	4,140	226,307	161,658	410,135	39
40	6470	Real-Time Instructed Imbalance Energy Settlement	860	(595)	84,690	438,655	513,887	40
41	6477	Real-Time Imbalanced Energy Offset	(783)	(114)	16,556	41,975	57,495	41
42	6480	Excess Cost Neutrality Allocation	-	-	3,393	(2,228)	1,166	42
43	6636	IFM Bid Cost Recovery Tier 1 Allocation	-	-	-	-	-	43
44	6678	Real Time Bid Cost Recovery Allocation	5	16	4,336	14,889	19,306	44
45	6774	Real Time Congestion Offset	7	(40)	7,641	17,567	24,752	45
46	6790	CRR Balancing Account	158	(31)	(300)	3,508	3,260	46
47	6985	Real Time Marginal Losses Offset	(6,812)	(2,056)	(1,695)	(2,784)	(17,719)	47
48	7056	Flexible Ramp Cost Allocation	-	-	-	-	-	48
49	7058	Monthly Flexible Ramp Supply Cost Allocation	-	-	-	-	-	49
50	7077	Daily Flexible Ramp Up Uncertainty Award Allocation	(0)	90	68	4,357	4,603	50
51	7087	Daily Flexible Ramp Down Uncertainty Award Allocation	0	(0)	-	-	543	51
52	7088	Monthly Flexible Ramp Down Uncertainty Award Allocation	2	13	-	0	(417)	52
53	7999	Invoice Deviation Interest Allocation	5	85	16	844	3,040	53
54								54
55		<b>Grand Total</b>	<b>\$ (31,083)</b>	<b>\$ (18,507)</b>	<b>\$ 364,744</b>	<b>\$ 749,177</b>	<b>\$ 772,855</b>	55
56								56
57								57
58		Adjusted Total ETC Cost Differential - Line 55 above	<b>\$ (31,083)</b>	<b>\$ (18,507)</b>	<b>\$ 364,744</b>	<b>\$ 749,177</b>	<b>\$ 772,855</b>	58
59		Per TRBAA Schedule; Workpaper 4.1 to 4.4; Line 13	<b>\$ (31,083)</b>	<b>\$ (18,507)</b>	<b>\$ 364,744</b>	<b>\$ 749,177</b>	<b>\$ 772,855</b>	59
60		Difference	-	-	-	-	-	60
61								61

Work Paper - 11

Derivation of Other PTO Related Revenue  
(Credits)/Charges Forecast

**San Diego Gas & Electric Company**  
**2021 - TRBAA Rate Filing**  
**Other PTO Related Revenue (Credits) / Charge Forecast**

Line No.	Actual Recorded Month	Other PTO Related Revenue (Credits)/Charges	Reference	Line No.
1	Oct-19	\$ 8,775	Work paper No. 5; Page 5.1 and 5.2; Line 13	1
2				2
3	Nov-19	9,954	Work paper No. 5; Page 5.1 and 5.2; Line 13	3
4				4
5	Dec-19	5,654	Work paper No. 5; Page 5.1 and 5.2; Line 13	5
6				6
7	Jan-20	7,880	Work paper No. 5; Page 5.1 and 5.2; Line 13	7
8				8
9	Feb-20	12,662	Work paper No. 5; Page 5.1 and 5.2; Line 13	9
10				10
11	Mar-20	22,953	Work paper No. 5; Page 5.1 and 5.2; Line 13	11
12				12
13	Apr-20	14,877	Work paper No. 5; Page 5.1 and 5.2; Line 13	13
14				14
15	May-20	50,847	Work paper No. 5; Page 5.1 and 5.2; Line 13	15
16				16
17	Jun-20	234,271	Work paper No. 5; Page 5.1 and 5.2; Line 13	17
18				18
19	Jul-20	174,925	Work paper No. 5; Page 5.1 and 5.2; Line 13	19
20				20
21	Aug-20	155,026	Work paper No. 5; Page 5.1 and 5.2; Line 13	21
22				22
23	Sep-20	(1,606,528)	Work paper No. 5; Page 5.1 and 5.2; Line 13	23
24				24
25	<b>Total Recorded</b>	\$ <b>(908,703)</b>	Sum Lines 1 to 23	25
26				26
27	<b>Other PTO Related Revenue (Credits) / Charges Forecast</b>	\$ <b>(908,703)</b>	See Line 25	27
28				28



Work Paper - 12  
Monthly Recorded  
Other PTO Related Revenue  
(Credits)/Charges

**San Diego Gas & Electric Company  
2021 TRBAA Rate Filing**

**Details of Monthly Other PTO Related Revenue (Credits)/Charges**

Line No.	Charge Type	Other PTO Related Revenue (Credits)/Charge Types <sup>a</sup>	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Total	Line No.
1	1592	EP Penalty Allocation Payment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (85)	\$ -	\$ (0)	\$ -	\$ -	\$ (85)	1
2	7989	Invoice Deviation Interest Distribution	(2)	(9)	(0)	(644)	(427)	(2)	(0)	(1)	(1)	(1)	(119)	(3)	(1,209)	2
3	7999	Invoice Deviation Interest Allocation	8,781	9,963	5,654	8,524	13,089	22,955	14,878	96,966	234,272	174,926	155,144	139,852	885,003	3
4	8526	Generator Interconnection Process Forfeited Deposit Allocation	-	-	-	-	-	-	-	(33)	-	-	-	(1,746,376)	(1,746,409)	4
5	8989	Daily Neutrality Adjustment	(4)	-	-	-	-	-	-	-	-	-	-	-	(4)	5
6	8999	Neutrality Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	6
7		Wholesale Access Distribution Tariff (WDAT) <sup>c</sup>	-	-	-	-	-	-	-	(46,000)	-	-	-	-	(46,000)	7
8		<b>Grand Total</b>	\$ 8,775	\$ 9,954	\$ 5,654	\$ 7,880	\$ 12,662	\$ 22,953	\$ 14,877	\$ 50,847	\$ 234,271	\$ 174,925	\$ 155,026	\$ (1,606,528)	\$ (908,703)	8
9		Adjusted Total Other PTO Related Revenue (Credits)/Charges -	\$ 8,775	\$ 9,954	\$ 5,654	\$ 7,880	\$ 12,662	\$ 22,953	\$ 14,877	\$ 50,847	\$ 234,271	\$ 174,925	\$ 155,026	\$ (1,606,528)	\$ (908,703)	9
10		Line 15 above	-	-	-	-	-	-	-	-	-	-	-	-	-	10
11		Per TRBAA Schedule, Workpaper 4.1 to 4.4; Line 14	-	-	-	-	-	-	-	-	-	-	-	-	-	11
12		Difference	-	-	-	-	-	-	-	-	-	-	-	-	-	12
13			\$ 8,775	\$ 9,954	\$ 5,654	\$ 7,880	\$ 12,662	\$ 22,953	\$ 14,877	\$ 50,847	\$ 234,271	\$ 174,925	\$ 155,026	\$ (1,606,528)	\$ (908,703)	13
14																14
15																15
16																16
17																17
18																18
19																19
20																20
21																21

<sup>a</sup> Other Participating Transmission Owner (PTO) Related (Credits)/Charges include CAISO charge codes 1592, 7989, 7999, 8526, and 8999. The segregation of these changes and classifying them as Other PTO Related (Credits)/Charges enhances reporting transparency.

<sup>b</sup> In accordance with the CAISO Tariff Appendix DD, Section 7.6, SDG&E, as a PTO, received \$1,746,376.17 under CAISO Charge Code 8526 on September 22, 2020. Of this amount, \$1,659,473.05 is classified as High Voltage and \$86,903.12 is classified as Low Voltage.

<sup>c</sup> In May 2020, SDG&E received a payment of \$46,000 from a Generator Interconnection Customer who withdrew an interconnection request that was submitted under SDG&E's Wholesale Distribution Open Access Tariff (WDAT). The \$46,000 was a forfeiture to SDG&E of a portion of their Reliability Network Upgrades financial security deposit. WDAT Tariff Section 4.8.5.2.5 states that non-refundable deposits sent to CAISO (forfeited deposits for Deliverability Network Upgrades, not Reliability) are treated in accordance with CAISO Tariff. Based on a review of the CAISO Tariff, SDG&E is recording the \$46,000 as a TRBA Revenue in the same manner as amounts SDG&E as a PTO receives under CAISO Charge Code 8526. SDG&E is allocating \$43,700 as HV and \$2,300 as LV.

High Voltage	\$ (43,700.00)	\$ (1,659,473.05)	\$ (1,703,173.05)
Low Voltage	(2,300.00)	(86,903.12)	(89,203.12)
<b>Total</b>	<b>c</b> \$ (46,000.00)	<b>b</b> \$ (1,746,376)	<b>\$ (1,792,376.17)</b>