

San Diego Gas & Electric Company  
2023 TRBAA Rate Filing

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

ER23-\_\_\_\_ - \_\_\_\_

**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

ER23-\_\_\_\_ - \_\_\_\_

**Statement BD**  
**San Diego Gas & Electric Company**  
**2023 - 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	Oct-21	1,583,043,702	1,583,020,522	23,180	1,583,020,522	Workpaper No. 1; Page 1.1; Lines 30; 29	1	
2	Nov-21	1,383,424,424	1,383,415,828	8,596	1,383,415,828	Workpaper No. 1; Page 1.1; Lines 30; 29	2	
3	Dec-21	1,524,375,833	1,524,367,369	8,464	1,524,367,369	Workpaper No. 1; Page 1.1; Lines 30; 29	3	
4	Jan-22	1,439,117,391	1,439,117,391	-	1,439,117,391	Workpaper No. 1; Page 1.1; Lines 30; 29	4	
5	Feb-22	1,168,525,650	1,168,519,249	6,401	1,168,519,249	Workpaper No. 1; Page 1.1; Lines 30; 29	5	
6	Mar-22	1,556,454,967	1,556,442,414	12,553	1,556,442,414	Workpaper No. 1; Page 1.1; Lines 30; 29	6	
7	Apr-22	1,193,617,091	1,193,610,148	6,943	1,193,610,148	Workpaper No. 1; Page 1.1; Lines 30; 29	7	
8	May-22	1,172,386,668	1,172,381,309	5,359	1,172,381,309	Workpaper No. 1; Page 1.1; Lines 30; 29	8	
9	Jun-22	1,462,878,841	1,462,870,527	8,314	1,462,870,527	Workpaper No. 1; Page 1.1; Lines 30; 29	9	
10	Jul-22	1,502,716,064	1,502,705,325	10,739	1,502,705,325	Workpaper No. 1; Page 1.1; Lines 30; 29	10	
11	Aug-22	1,826,297,633	1,826,285,933	11,700	1,826,285,933	Workpaper No. 1; Page 1.1; Lines 30; 29	11	
12	Sep-22	1,898,289,490	1,898,278,713	10,777	1,898,278,713	Workpaper No. 1; Page 1.1; Lines 30; 29	12	
13							13	
14							14	
15	Total	17,711,127,754	17,711,014,728	113,026	17,711,014,728	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**  
**2023 - 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-23	1,440,054,852	1,440,049,482	5,370	1,440,049,482	Workpaper No. 1; Page 1.2; Lines 30; 29	1	
2	Feb-23	1,320,566,074	1,320,563,122	2,952	1,320,563,122	Workpaper No. 1; Page 1.2; Lines 30; 29	2	
3	Mar-23	1,266,253,849	1,266,248,165	5,684	1,266,248,165	Workpaper No. 1; Page 1.2; Lines 30; 29	3	
4	Apr-23	1,308,025,213	1,308,022,197	3,016	1,308,022,197	Workpaper No. 1; Page 1.2; Lines 30; 29	4	
5	May-23	1,268,447,394	1,268,443,374	4,020	1,268,443,374	Workpaper No. 1; Page 1.2; Lines 30; 29	5	
6	Jun-23	1,380,369,596	1,380,363,159	6,437	1,380,363,159	Workpaper No. 1; Page 1.2; Lines 30; 29	6	
7	Jul-23	1,485,703,613	1,485,698,442	5,171	1,485,698,442	Workpaper No. 1; Page 1.2; Lines 30; 29	7	
8	Aug-23	1,571,872,028	1,571,866,298	5,730	1,571,866,298	Workpaper No. 1; Page 1.2; Lines 30; 29	8	
9	Sep-23	1,716,300,182	1,716,294,240	5,942	1,716,294,240	Workpaper No. 1; Page 1.2; Lines 30; 29	9	
10	Oct-23	1,528,687,324	1,528,681,244	6,080	1,528,681,244	Workpaper No. 1; Page 1.2; Lines 30; 29	10	
11	Nov-23	1,377,458,185	1,377,453,461	4,724	1,377,453,461	Workpaper No. 1; Page 1.2; Lines 30; 29	11	
12	Dec-23	1,408,672,180	1,408,666,001	6,179	1,408,666,001	Workpaper No. 1; Page 1.2; Lines 30; 29	12	
13							13	
14							14	
15	Total	17,072,410,488	17,072,349,183	61,305	17,072,349,183	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**  
**2023 - TRBAA Rate Filing**  
**January 2023 - December 2023**<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-23	1,440,055	5	1,440,049	1,498,804	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	1
2	Feb-23	1,320,566	3	1,320,563	1,374,442	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	2
3	Mar-23	1,266,254	6	1,266,248	1,317,911	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	3
4	Apr-23	1,308,025	3	1,308,022	1,361,390	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	4
5	May-23	1,268,447	4	1,268,443	1,320,196	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	5
6	Jun-23	1,380,370	6	1,380,363	1,436,682	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	6
7	Jul-23	1,485,704	5	1,485,698	1,546,315	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	7
8	Aug-23	1,571,872	6	1,571,866	1,635,998	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	8
9	Sep-23	1,716,300	6	1,716,294	1,786,319	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	9
10	Oct-23	1,528,687	6	1,528,681	1,591,051	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	10
11	Nov-23	1,377,458	5	1,377,453	1,433,654	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	11
12	Dec-23	1,408,672	6	1,408,666	1,466,140	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	12
13							13
14	Total	17,072,410	61	17,072,349	17,768,901	Sum Lines 1 thru 12	14
15							15
16	Retail Sales Forecast @ Meter Level			17,072,349		Col. C; Line 14	16
17							17
18	Transmission Loss Factor <sup>2</sup>	36,954,538	38,462,880	1.0408		Column B / Column A	18
19							19
20							20
21	Retail Sales Forecast @ Transmission Level				17,768,901	Col. D; Line 14	21
22							22
23	Lake Hodges Pumped Storage Facilities <sup>3</sup>				3,999	Statement BD WP; Page 4 of 5	23
24							24
25	Pumped Storage True Up Adjustment <sup>4</sup>				(15,022)	Statement BD WP; Page 5 of 5	25
26							26
27	Total Gross Load Forecast				17,757,878	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 24 of SDG&E's TO5-Cycle 5 Annual Informational Filing.

The 1.0408 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 Lake Hodges Pumped Storage Facilities 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 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 2023 - December 2023**  
**MWH SALES FORECAST @ Transmission Level**

2023 (MWh)	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Olivenhain-Lake Hodges Pumping Load	22	78	-	-	-	73	502	1,732	1,349	54	78	68	3,956

Primary Level Distribution Loss Factor 1.0109

Total Lake Hodges Pumping Load 3,999

**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, 2021**

Line No.	Description	Amount	Reference	Line No.
1	Pumped Storage Facility - Actual Load	62,164	SDG&E Records	1
2	Pumped Storage Facility - Forecast Load	<u>77,025</u>	SDG&E Records	2
3	Difference	(14,861)	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>(15,022)</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

ER23-\_\_\_\_ - \_\_\_\_

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, 2023**

Line No.	Customer Classes	(A)	(B)	(C) = (A) - (B)	(D) = (C) / (B)	Reference	Line No.
		(Statement BG) 2023 TRBAA Revenues @ Changed Rates	(Statement BH) 2023 TRBAA Revenues @ Present Rates <sup>1</sup>	(\$ Change	(%) Change		
1	Residential Customers	\$ (14,343,297)	\$ (7,705,077)	\$ (6,638,220)	86.15%	Statement BG; Page 2 of 4; Line 14	1
2						Statement BH; Page 1 of 3; Line 14	2
3	Small Commercial Customers	(4,772,289)	(2,563,626)	(2,208,663)	86.15%	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	(21,215,378)	(11,396,691)	(9,818,687)	86.15%	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)	(327,368)	(175,859)	(151,509)	86.15%	Statement BG; Page 2 of 4; Line 20	7
8						Statement BH; Page 1 of 3; Line 20	8
9	Agriculture (PA-T-1)	(453,594)	(243,666)	(209,928)	86.15%	Statement BG; Page 2 of 4; Line 22	9
10						Statement BH; Page 1 of 3; Line 22	10
11	Street Lighting Customers	(189,556)	(101,828)	(87,729)	86.15%	Statement BG; Page 2 of 4; Line 24	11
12						Statement BH; Page 1 of 3; Line 24	12
13							13
14	Grand Total	\$ (41,301,482)	\$ (22,186,747)	\$ (19,114,736)	86.15%	Sum Lines 1 through 11	14

<sup>1</sup> Present Rates are defined as rates effective pursuant to ER22-258.

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, 2023

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23		
1	Residential <sup>1</sup>	\$ (1,380,446)	\$ (1,162,781)	\$ (1,100,659)	\$ (996,934)	\$ (1,003,216)	\$ (1,051,522)		1
2									2
3	Small Commercial <sup>2</sup>	(381,831)	(358,925)	(370,149)	(362,266)	(369,749)	(399,365)		3
4									4
5	Medium and Large Commercial/Industrial <sup>3</sup>	(1,659,848)	(1,605,344)	(1,526,296)	(1,736,112)	(1,614,254)	(1,795,415)		5
6									6
7	Agriculture (PA and TOU-PA) <sup>4</sup>	(19,080)	(20,036)	(19,323)	(20,949)	(25,443)	(31,347)		7
8									8
9	Agriculture (PA-T-1) <sup>5</sup>	(29,310)	(28,831)	(32,333)	(29,228)	(35,078)	(44,963)		9
10									10
11	Street Lighting <sup>6</sup>	(13,599)	(18,730)	(15,114)	(16,245)	(16,037)	(16,166)		11
12									12
13	TOTAL	\$ (3,484,114)	\$ (3,194,647)	\$ (3,063,873)	\$ (3,161,735)	\$ (3,063,779)	\$ (3,338,778)		13

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23		
14	Residential <sup>1</sup>	\$ (1,229,077)	\$ (1,355,155)	\$ (1,493,468)	\$ (1,265,888)	\$ (1,100,960)	\$ (1,203,189)	\$ (14,343,297)	14
15									15
16	Small Commercial <sup>2</sup>	(411,478)	(448,373)	(468,499)	(425,759)	(388,862)	(387,032)	(4,772,289)	16
17									17
18	Medium and Large Commercial/Industrial <sup>3</sup>	(1,865,883)	(1,899,878)	(2,092,547)	(1,915,214)	(1,762,551)	(1,742,036)	(21,215,378)	18
19									19
20	Agriculture (PA and TOU-PA) <sup>4</sup>	(34,362)	(35,274)	(36,620)	(32,905)	(28,653)	(23,376)	(327,368)	20
21									21
22	Agriculture (PA-T-1) <sup>5</sup>	(39,206)	(53,726)	(44,769)	(45,003)	(35,669)	(35,477)	(453,594)	22
23									23
24	Street Lighting <sup>6</sup>	(15,385)	(11,511)	(17,528)	(14,640)	(16,741)	(17,860)	(189,556)	24
25									25
26	TOTAL	\$ (3,595,390)	\$ (3,803,916)	\$ (4,153,432)	\$ (3,699,409)	\$ (3,333,437)	\$ (3,408,972)	\$ (41,301,482)	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, 2023**

Line No.	Customer Classes	(A) Jan-23 Energy (kWh)	(B) Feb-23 Energy (kWh)	(C) Mar-23 Energy (kWh)	(D) Apr-23 Energy (kWh)	(E) May-23 Energy (kWh)	(F) Jun-23 Energy (kWh)	(G) Reference	Line No.
1	Residential Customers	570,432,159	480,488,065	454,817,746	411,956,351	414,552,230	434,513,257	Worksheet No. 1; Page 1.2; Line 23	1
2									2
3	Small Commercial	157,781,565	148,316,065	152,953,976	149,696,722	152,788,855	165,026,973	Worksheet No. 1; Page 1.2; Line 24	3
4									4
5	Medium and Large Commercial/Industrial	685,887,700	663,365,388	630,700,801	717,401,784	667,047,243	741,907,103	Worksheet No. 1; Page 1.2; Line 25	5
6									6
7	Agriculture (PA and TOU-PA)	7,884,292	8,279,307	7,984,530	8,656,671	10,513,771	12,953,253	Worksheet No. 1; Page 1.2; Line 26	7
8									8
9	Agriculture (PA-T-1)	12,111,398	11,913,713	13,360,668	12,077,746	14,495,227	18,579,563	Worksheet No. 1; Page 1.2; Line 27	9
10									10
11	Street Lighting	5,619,370	7,739,584	6,245,443	6,712,925	6,627,048	6,680,010	Worksheet No. 1; Page 1.2; Line 28	11
12									12
13	TOTAL	1,439,716,482	1,320,102,122	1,266,063,165	1,306,502,197	1,266,024,374	1,379,660,159	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	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	Statement BL (Retail); Page 1; Line 27	17
18									18
19									19
20		Revenues @	Revenues @	Revenues @	Revenues @	Revenues @	Revenues @		20
21		Changed Rates	Changed Rates	Changed Rates	Changed Rates	Changed Rates	Changed Rates		21
22		\$ (1,380,446)	\$ (1,162,781)	\$ (1,100,659)	\$ (996,934)	\$ (1,003,216)	\$ (1,051,522)	Line 1 x Line 18	22
23	Residential Customers								23
24									24
25	Small Commercial	(381,831)	(358,925)	(370,149)	(362,266)	(369,749)	(399,365)	Line 3 x Line 18	25
26									26
27	Medium and Large Commercial/Industrial	(1,659,848)	(1,605,344)	(1,526,296)	(1,736,112)	(1,614,254)	(1,795,415)	Line 5 x Line 18	27
28									28
29	Agriculture (PA and TOU-PA)	(19,080)	(20,036)	(19,323)	(20,949)	(25,443)	(31,347)	Line 7 x Line 18	29
30									30
31	Agriculture (PA-T-1)	(29,310)	(28,831)	(32,333)	(29,228)	(35,078)	(44,963)	Line 9 x Line 18	31
32									32
33	Street Lighting	(13,599)	(18,730)	(15,114)	(16,245)	(16,037)	(16,166)	Line 11 x Line 18	33
34									34
35	TOTAL	\$ (3,484,114)	\$ (3,194,647)	\$ (3,063,873)	\$ (3,161,735)	\$ (3,063,779)	\$ (3,338,778)	Sum Lines 23 through 33	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, 2023**

Line No.	Customer Classes	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	Line No.
		Jul-23 Energy (kWh)	Aug-23 Energy (kWh)	Sep-23 Energy (kWh)	Oct-23 Energy (kWh)	Nov-23 Energy (kWh)	Dec-23 Energy (kWh)	Total Energy (kWh)	Reference	
1	Residential Customers	507,882,992	559,981,302	617,135,736	523,094,416	454,942,268	497,185,697	5,926,982,217	Workpaper No. 1; Page 1.2; Line 23	1
2										2
3	Small Commercial	170,032,169	185,278,178	193,594,785	175,933,335	160,686,796	159,930,756	1,972,020,175	Workpaper No. 1; Page 1.2; Line 24	3
4										4
5	Medium and Large Commercial/Industrial	771,025,890	785,073,393	864,688,706	791,410,571	728,326,985	719,849,677	8,766,685,241	Workpaper No. 1; Page 1.2; Line 25	5
6										6
7	Agriculture (PA and TOUT-PA)	14,199,159	14,576,003	15,132,216	13,596,967	11,840,223	9,659,593	135,275,984	Workpaper No. 1; Page 1.2; Line 26	7
8										8
9	Agriculture (PA-T-1)	16,200,938	22,200,897	18,499,681	18,596,377	14,739,230	14,660,010	187,435,447	Workpaper No. 1; Page 1.2; Line 27	9
10										10
11	Street Lighting	6,357,294	4,756,525	7,243,115	6,049,579	6,917,960	7,380,267	78,329,120	Workpaper No. 1; Page 1.2; Line 28	11
12										12
13	TOTAL	1,485,698,442	1,571,866,298	1,716,294,240	1,528,681,244	1,377,453,461	1,408,666,001	17,066,728,183	Sum Lines 1 thru 11	13
14										14
15										15
16										16
17	Retail TRBAA Rate (\$/kWh) @ Changed Rate	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	Statement BL (Retail); Page 1; Line 27	17
18										18
19										19
20										20
21										21
22										22
23	Residential Customers	\$ (1,229,077)	\$ (1,355,155)	\$ (1,493,468)	\$ (1,265,888)	\$ (1,100,960)	\$ (1,203,189)	\$ (14,343,297)	Line 1 x Line 18	23
24										24
25	Small Commercial	(411,478)	(448,373)	(468,499)	(425,759)	(388,862)	(387,032)	(4,772,289)	Line 3 x Line 18	25
26										26
27	Medium and Large Commercial/Industrial	(1,865,883)	(1,899,878)	(2,092,547)	(1,915,214)	(1,762,551)	(1,742,036)	(21,215,378)	Line 5 x Line 18	27
28										28
29	Agriculture (PA and TOUT-PA)	(34,362)	(35,274)	(36,620)	(32,905)	(28,653)	(23,376)	(327,368)	Line 7 x Line 18	29
30										30
31	Agriculture (PA-T-1)	(39,206)	(53,726)	(44,769)	(45,003)	(35,669)	(35,477)	(453,594)	Line 9 x Line 18	31
32										32
33	Street Lighting	(15,385)	(11,511)	(17,528)	(14,640)	(16,741)	(17,860)	(189,556)	Line 11 x Line 18	33
34										34
35	TOTAL	\$ (3,595,390)	\$ (3,803,916)	\$ (4,153,432)	\$ (3,699,409)	\$ (3,333,437)	\$ (3,408,972)	\$ (41,301,482)	Sum Lines 23 through 33	35

# San Diego Gas & Electric Company

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

ER23-\_\_\_\_ - \_\_\_\_

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

**Transmission Revenue Balancing Account Adjustment (TRBAA) Revenue Data To Reflect Present Rates per ER22-258**  
**Rate Effective Period - Twelve Months Ending December 31, 2023**

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23		
1	Residential <sup>1</sup>	\$ (741,562)	\$ (624,634)	\$ (591,263)	\$ (535,543)	\$ (538,918)	\$ (564,867)		1
2									2
3	Small Commercial <sup>2</sup>	(205,116)	(192,811)	(198,840)	(194,606)	(198,626)	(214,535)		3
4									4
5	Medium and Large Commercial/Industrial <sup>3</sup>	(891,654)	(862,375)	(819,911)	(932,622)	(867,161)	(964,479)		5
6									6
7	Agriculture (PA and TOU-PA) <sup>4</sup>	(10,250)	(10,763)	(10,380)	(11,254)	(13,668)	(16,839)		7
8									8
9	Agriculture (PA-T-1) <sup>5</sup>	(15,745)	(15,488)	(17,369)	(15,701)	(18,844)	(24,153)		9
10									10
11	Street Lighting <sup>6</sup>	(7,305)	(10,061)	(8,119)	(8,727)	(8,615)	(8,684)		11
12									12
13	TOTAL	\$ (1,871,631)	\$ (1,716,133)	\$ (1,645,882)	\$ (1,698,453)	\$ (1,645,832)	\$ (1,793,558)		13

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23		
14	Residential <sup>1</sup>	\$ (660,248)	\$ (727,976)	\$ (802,276)	\$ (680,023)	\$ (591,425)	\$ (646,341)	\$ (7,705,077)	14
15									15
16	Small Commercial <sup>2</sup>	(221,042)	(240,862)	(251,673)	(228,713)	(208,893)	(207,910)	(2,563,626)	16
17									17
18	Medium and Large Commercial/Industrial <sup>3</sup>	(1,002,334)	(1,020,595)	(1,124,095)	(1,028,834)	(946,825)	(935,805)	(11,396,691)	18
19									19
20	Agriculture (PA and TOU-PA) <sup>4</sup>	(18,459)	(18,949)	(19,672)	(17,676)	(15,392)	(12,557)	(175,859)	20
21									21
22	Agriculture (PA-T-1) <sup>5</sup>	(21,061)	(28,861)	(24,050)	(24,175)	(19,161)	(19,058)	(243,666)	22
23									23
24	Street Lighting <sup>6</sup>	(8,264)	(6,183)	(9,416)	(7,864)	(8,993)	(9,594)	(101,828)	24
25									25
26	TOTAL	\$ (1,931,408)	\$ (2,043,426)	\$ (2,231,183)	\$ (1,987,286)	\$ (1,790,689)	\$ (1,831,266)	\$ (22,186,747)	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 ER22-258**  
**Rate Effective Period - Twelve Months Ending December 31, 2023**

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	Reference	Line No.
		Jan-23 Energy (kWh)	Feb-23 Energy (kWh)	Mar-23 Energy (kWh)	Apr-23 Energy (kWh)	May-23 Energy (kWh)	Jun-23 Energy (kWh)		
1	Residential Customers	570,432,159	480,488,065	454,817,746	411,956,351	414,552,230	434,513,257	Worksheet No. 1; Page 1.2; Line 23	1
2									2
3	Small Commercial	157,781,565	148,316,065	152,953,976	149,696,722	152,788,855	165,026,973	Worksheet No. 1; Page 1.2; Line 24	3
4									4
5	Medium and Large Commercial/Industrial	685,887,700	663,365,388	630,700,801	717,401,784	667,047,243	741,907,103	Worksheet No. 1; Page 1.2; Line 25	5
6									6
7	Agriculture (PA and TOU-PA)	7,884,292	8,279,307	7,984,530	8,656,671	10,513,771	12,953,253	Worksheet No. 1; Page 1.2; Line 26	7
8									8
9	Agriculture (PA-T-1)	12,111,398	11,913,713	13,360,668	12,077,746	14,495,227	18,579,563	Worksheet No. 1; Page 1.2; Line 27	9
10									10
11	Street Lighting	5,619,370	7,739,584	6,245,443	6,712,925	6,627,048	6,680,010	Worksheet No. 1; Page 1.2; Line 28	11
12									12
13	TOTAL	1,439,716,482	1,320,102,122	1,266,063,165	1,306,502,197	1,266,024,374	1,379,660,159	Sum Lines 1 thru 11	13
14									14
15									15
16									16
17									17
18	Retail TRBAA Rate (\$/kWh) @ Present Rate	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	Statement BL (Retail); Page 1; Line 27	18
19								FERC Docket No. ER22-258-000	19
20									20
21									21
22									22
23	Residential Customers	\$ (741,562)	\$ (624,634)	\$ (591,263)	\$ (535,543)	\$ (538,918)	\$ (564,867)	Line 1 x Line 18	23
24									24
25	Small Commercial	(205,116)	(192,811)	(198,840)	(194,606)	(198,626)	(214,535)	Line 3 x Line 18	25
26									26
27	Medium and Large Commercial/Industrial	(891,654)	(862,375)	(819,911)	(932,622)	(867,161)	(964,479)	Line 5 x Line 18	27
28									28
29	Agriculture (PA and TOU-PA)	(10,250)	(10,763)	(10,380)	(11,254)	(13,668)	(16,839)	Line 7 x Line 18	29
30									30
31	Agriculture (PA-T-1)	(15,745)	(15,488)	(17,369)	(15,701)	(18,844)	(24,153)	Line 9 x Line 18	31
32									32
33	Street Lighting	(7,305)	(10,061)	(8,119)	(8,727)	(8,615)	(8,684)	Line 11 x Line 18	33
34									34
35	TOTAL	\$ (1,871,631)	\$ (1,716,133)	\$ (1,645,882)	\$ (1,698,453)	\$ (1,645,832)	\$ (1,793,558)	Sum Lines 23 through 33	35



**Statement BH**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**Transmission Revenue Balancing Account Adjustment (TRBAA) Revenue Data To Reflect Present Rates per ER22-258**  
**Rate Effective Period - Twelve Months Ending December 31, 2023**

Line No.	Customer Classes	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(M) Reference	Line No.
		Jul-23 Energy (kWh)	Aug-23 Energy (kWh)	Sep-23 Energy (kWh)	Oct-23 Energy (kWh)	Nov-23 Energy (kWh)	Dec-23 Energy (kWh)	Total Energy (kWh)		
1	Residential Customers	507,882,992	559,981,302	617,135,736	523,094,416	454,942,268	497,185,697	5,926,982,217	Workpaper No. 1; Page 1.2; Line 23	1
2										2
3	Small Commercial	170,032,169	185,278,178	193,594,785	175,933,335	160,686,796	159,930,756	1,972,020,175	Workpaper No. 1; Page 1.2; Line 24	3
4										4
5	Medium and Large Commercial/Industrial	771,025,890	785,073,393	864,688,706	791,410,571	728,326,985	719,849,677	8,766,685,241	Workpaper No. 1; Page 1.2; Line 25	5
6										6
7	Agriculture (PA and TOU-PA)	14,199,159	14,576,003	15,132,216	13,596,967	11,840,223	9,659,593	135,275,984	Workpaper No. 1; Page 1.2; Line 26	7
8										8
9	Agriculture (PA-T-1)	16,200,938	22,200,897	18,499,681	18,596,377	14,739,230	14,660,010	187,435,447	Workpaper No. 1; Page 1.2; Line 27	9
10										10
11	Street Lighting	6,357,294	4,756,525	7,243,115	6,049,579	6,917,960	7,380,267	78,329,120	Workpaper No. 1; Page 1.2; Line 28	11
12										12
13	TOTAL	1,483,698,442	1,571,866,298	1,716,294,240	1,528,681,244	1,377,453,461	1,408,666,001	17,066,728,183	Sum Lines 1 thru 11	13
14										14
15										15
16										16
17	Retail TRBAA Rate (\$/kWh) @ Present Rate	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)		Statement BL (Retail); Page 1; Line 27	17
18									FERC Docket No. ER22-258-000	18
19										19
20										20
21										21
22										22
23	Residential Customers	\$ (660,248)	\$ (727,976)	\$ (802,276)	\$ (680,023)	\$ (591,425)	\$ (646,341)	\$ (7,705,077)	Line 1 x Line 18	23
24										24
25	Small Commercial	(221,042)	(240,862)	(251,673)	(228,713)	(208,893)	(207,910)	(2,563,626)	Line 3 x Line 18	25
26										26
27	Medium and Large Commercial/Industrial	(1,002,334)	(1,020,595)	(1,124,095)	(1,028,834)	(946,825)	(935,805)	(11,396,691)	Line 5 x Line 18	27
28										28
29	Agriculture (PA and TOU-PA)	(18,459)	(18,949)	(19,672)	(17,676)	(15,392)	(12,557)	(175,859)	Line 7 x Line 18	29
30										30
31	Agriculture (PA-T-1)	(21,061)	(28,861)	(24,050)	(24,175)	(19,161)	(19,058)	(243,666)	Line 9 x Line 18	31
32										32
33	Street Lighting	(8,264)	(6,183)	(9,416)	(7,864)	(8,993)	(9,594)	(101,828)	Line 11 x Line 18	33
34										34
35	TOTAL	\$ (1,931,408)	\$ (2,043,426)	\$ (2,231,183)	\$ (1,987,286)	\$ (1,790,689)	\$ (1,831,266)	\$ (22,186,747)	Sum Lines 23 through 33	35

# San Diego Gas & Electric Company

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

ER23-\_\_\_\_ - \_\_\_\_

**Statement BK-1**  
**San Diego Gas & Electric Company**  
**2023 - 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 @ 9/30/2022	\$ (11,932,442)	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	(29,346,879)	Work paper No. 7; Page 7.1; Line 27	5
6				6
7	Settlements, Metering and Client Relations	18,000	Work paper No. 8; Page 8.1; Line 27	7
8				8
9	Existing Transmission Contract (ETC) Cost Differentials	(691,053)	Work paper No. 9; Page 9.1; Line 27	9
10				10
11	Other PTO Related Revenue (Credits)/Charges	(484,460)	Work paper No. 11; Page 11.1; Line 27	11
12				12
13	Total Transmission Revenue Credits Forecast	\$ (30,504,392)	Sum {Line 5 thru Line 11}	13
14				14
15	Total TRBAA Before Franchise Fees and Uncollectibles	\$ (42,436,834)	Line 1 + Line 13	15
16				16
17	Franchise Fees Expense @ 1.0275%	(436,038)	Line 15 x 1.0275%	17
18				18
19	Uncollectibles @ 0.173%	(73,416)	Line 15 x 0.173%	19
20				20
21	Total Franchise Fees and Uncollectible	(509,454)	Line 17 + Line 19	21
22				22
23	Total Retail TRBAA Forecast Including FF&U	\$ (42,946,288)	Line 15 + Line 21	23

# San Diego Gas & Electric Company

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

ER23-\_\_\_\_ - \_\_\_\_

**Statement BK-2**  
**San Diego Gas & Electric Company**  
**2023 - 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 LOW VOLTAGE Transmission Revenue Requirements	Total Transmission Revenue Requirements				
1	Wholesale Base Transmission Revenue Requirement <sup>1</sup>	\$ 602,609,105	\$ 587,290,021	\$ 1,189,899,126		See Note 1		1	
2								2	
3	Beginning TRBAA Balance @ 9/30/2022	(11,785,646)	(146,796)	(11,932,442)		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	(29,346,879)	-	(29,346,879)		Work paper No. 6; Page 6.1; Line 19		7	
8								8	
9	Settlements, Metering and Client Relations	9,131	8,869	18,000		Work paper No. 6; Page 6.1; Line 26		9	
10								10	
11	ETC Cost Differentials	(350,571)	(340,482)	(691,053)		Work paper No. 6; Page 6.1; Line 32		11	
12								12	
13	Other PTO Related Revenue (Credits)/Charges	(440,800)	(43,660)	(484,460)		Work paper No. 6; Page 6.1; Line 42		13	
14								14	
15	Total Transmission Revenue Credits Forecast	(30,129,119)	(375,273)	(30,504,392)		Sum {Line 7 through Line 13}		15	
16								16	
17	Total Wholesale TRBAA Before Franchise Fees	(41,914,765)	(522,069)	(42,436,834)		Line 3 + Line 15		17	
18								18	
19	Franchise Fees Expense @ 1.0275%	(430,674)	(5,364)	(436,038)		Line 17 x 1.0275%		19	
20								20	
21	Total Wholesale TRBAA Forecast Including Franchise Fees	(42,345,439)	(527,433)	(42,872,872)		Line 17 + Line 19		21	
22								22	
23	Transmission Standby Revenues <sup>2</sup>	(9,292,594)	(9,056,365)	(18,348,959)		Work paper No. 3; Page 3.1; Line 7		23	
24								24	
25	Wholesale Transmission Revenue Requirement	\$ 550,971,072	\$ 577,706,223	\$ 1,128,677,295		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 5 Annual Informational Filing.

<sup>2</sup> Standby Revenue amount of \$18,348,959, from Cost Statement BG; Page 1; Column A; Line 26, of SDG&E's TO5 Cycle 5 Annual Informational Filing.

# San Diego Gas & Electric Company

## F. Statement – BL Retail TRBAA Rate Calculation

ER23-\_\_\_\_ - \_\_\_\_

**Statement BL**  
**San Diego Gas & Electric Company**  
**2023 - TRBAA Rate Filing**  
**Retail TRBAA Rate Calculation**

Line No.	Components	Total Retail - TRBAA	Reference	Line No.
1	Beginning TRBAA Balance @ 9/30/2022	\$ (11,932,442)	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	(29,346,879)	Work paper No. 7; Page 7.1; Line 27	5
6				6
7	Settlements, Metering and Client Relations	18,000	Work paper No. 8; Page 8.1; Line 27	7
8				8
9	ETC Cost Differentials	(691,053)	Work paper No. 9; Page 9.1; Line 27	9
10				10
11	Other PTO Related Revenue (Credits)/Charges	(484,460)	Work paper No. 11; Page 11.1; Line 27	11
12				12
13	Total Transmission Revenue Credits Forecast	(30,504,392)	Sum {Line 5 through Line 11}	13
14				14
15	Total TRBAA Before Franchise Fees and Uncollectibles	\$ (42,436,834)	Line 1 + Line 13	15
16				16
17	Franchise Fees Expense @ 1.0275%	(436,038)	Line 15 x 1.0275%	17
18				18
19	Uncollectibles @ 0.173%	(73,416)	Line 15 x 0.173%	19
20				20
21	Total Franchise Fees and Uncollectible	(509,454)	Line 17 + Line 19	21
22				22
23	Total Retail TRBAA Forecast Including FF&U	\$ (42,946,288)	Line 15 + Line 21	23
24				24
25	12 Months kWh Ending September 30, 2022	17,711,014,728	Statement BD; Pg. 1 of 5; Col. C; Ln. 15	25
26				26
27	Retail TRBAA Rate (\$/kWh)	\$ (0.00242)	Line 23 / Line 25	27

# San Diego Gas & Electric Company

## G. Statement – BL Wholesale TRBAA Rate Calculation

ER23-\_\_\_\_ - \_\_\_\_



**Statement BL**  
**San Diego Gas & Electric Company**  
**2023 - TRBAA Rate Filing**  
**2023 - Wholesale Customers Utility Specific Access Charge Rate Calculations**  
**High Voltage & Low Voltage Component**

Line No.	Components	(A)	(B)	(C) = (A) + (B)	Notes & Reference	Line No.
		Total High Voltage TRR	Total Low Voltage TRR	Combined TRR		
1	Wholesale Base Transmission Revenue Requirement <sup>1</sup>	\$ 602,609,105	\$ 587,290,021	\$ 1,189,899,126	See Note 1	1
2						2
3	Total Wholesale TRBAA <sup>2</sup>	\$ (42,345,439)	\$ (527,433)	\$ (42,872,872)	Statement BK-2; Page 1; Line 21	3
4						4
5	Transmission Standby Revenue <sup>3</sup>	\$ (9,292,594)	\$ (9,056,365)	\$ (18,348,959)	See Note 3	5
6						6
7	Wholesale Transmission Revenue Requirements	\$ 550,971,072	\$ 577,706,223	\$ 1,128,677,295	Sum ( Lines 1, 3, & 5 )	7
8						8
9	Gross Load - MWh	\$ 17,757,878	\$ 17,757,878	\$ 17,757,878	Statement BD; Page 1 of 5; Line 28; Col. D	9
10						10
11	Utility Specific Access Charges (\$/MWh)	\$ 31,0269	\$ 32,5324	\$ 63,5592	Line 7 / Line 9	11

**NOTES:**

- <sup>1</sup> Wholesale Base TRR information comes from Cost Statement BK-2 of SDG&E's TO5 Cycle 5 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 \$18,348,959, from Cost Statement BG; Page 1; Column A; Line 26, of SDG&E's TO5 Cycle 5 Annual Informational Filing.

# San Diego Gas & Electric Company

## H. TRBAA Work Papers

ER23-\_\_\_\_ - \_\_\_\_

Work Paper - 1  
Recorded Sales and Forecast Sales  
Information

**San Diego Gas & Electric Co.  
Recorded Billing Determinants for the 12-Month Period: October 2021 - September 2022**

Line No.	Line	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Total
1	<b>System Delivery Determinants</b>													
2	<b>Customer Class Deliveries (MWh)</b>													
3	Residential	497,486	427,644	525,184	553,918	430,100	444,374	298,940	345,922	356,631	462,013	637,292	756,122	5,735,626
4	Small Commercial	186,519	176,886	189,131	176,114	157,519	201,663	175,454	163,703	210,279	205,549	240,704	244,402	2,327,923
5	Med. & Large Comm./Ind.	855,896	744,129	777,080	676,604	554,506	880,295	684,496	616,402	854,696	792,014	902,754	853,061	9,191,934
6	San Diego Unified Port District	1,575,472	708,336	1,287,080	166,192	99	477	713	167	0	-	-	0	5,193
7	Agriculture (PA)	18,115	21,004	13,142	7,663	8,421	11,845	10,390	11,971	14,778	14,600	17,127	16,115	165,173
8	Agriculture (PA-T-1)	16,206	6,521	11,878	18,092	11,478	12,174	15,020	27,588	20,890	21,140	21,805	23,034	205,824,79
9	Lighting	7,223	6,523	6,666	6,396	6,396	5,614	8,597	6,628	5,596	7,390	6,603	5,545	79,341
10	Sale for Resale	23	9	8	-	6	13	7	5	8	11	12	11	113
11	<b>Total System</b>	1,583,044	1,383,424	1,524,376	1,439,117	1,168,526	1,556,455	1,193,617	1,172,387	1,462,879	1,502,716	1,826,298	1,898,289	17,711,128
12														
13	<b>Total System - EXCLUDING Sale for Resale</b>	1,583,021	1,383,416	1,524,367	1,439,117	1,168,519	1,556,442	1,193,610	1,172,381	1,462,871	1,502,705	1,826,286	1,898,279	17,711,015
14														
15	<b>INPUT FROM RECORDED SALES FILE:</b>													
16	<b>Medium &amp; Large Details - Deliveries in MWL:</b>													
17	Med & Large C/I (AD)	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Med & Large C/I (AL+AY+DGR)	855,896	744,129	777,080	676,604	554,506	880,295	684,496	616,402	854,696	792,014	902,754	853,061	9,191,934
19	Med & Large C/I (A6)	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Total	855,896	744,129	777,080	676,604	554,506	880,295	684,496	616,402	854,696	792,014	902,754	853,061	9,191,934
21														

**San Diego Gas & Electric  
Recorded Billing Determinants for the 12-Month Period: October 2021 - September 2022**

Line No.	Line	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Total
22	<b>System Delivery Determinants</b>													
23	<b>Customer Class Deliveries (KWh)</b>													
24	Residential	497,485,633	427,643,968	525,184,158	553,918,143	430,100,081	444,374,387	298,940,297	345,922,302	356,630,892	462,012,713	637,291,977	756,121,695	5,735,626,246
25	Small Commercial	186,519,426	176,885,959	189,131,329	176,113,926	157,518,910	201,662,768	175,453,967	163,702,699	210,278,809	205,548,943	240,704,111	244,401,830	2,327,922,677
26	Med. & Large Comm./Ind.	855,896,122	744,129,422	777,079,835	676,604,330	554,506,052	880,295,117	684,495,994	616,401,793	854,696,099	792,013,888	902,753,917	853,061,130	9,191,933,699
27	San Diego Unified Port District	1,575,472	708,336	1,286,688	166,192	98,536	476,928	713,144	167,496	400	-	-	28	5,193,220
28	Agriculture (PA)	18,115,085	21,004,020	13,142,210	7,662,572	8,421,059	11,845,388	10,389,864	11,971,319	14,778,157	14,600,300	17,127,389	16,115,396	165,172,759
29	Agriculture (PA-T-1)	16,205,917	6,520,917	11,877,589	18,091,855	11,478,198	12,173,544	15,020,199	27,587,745	20,889,888	21,139,773	21,805,074	23,034,091	205,824,790
30	Lighting	7,222,867	6,523,206	6,665,560	6,396,413	6,396,413	5,614,282	8,596,683	6,627,955	5,596,282	7,389,708	6,603,465	5,544,543	79,341,337
31	Sale for Resale	23,180	8,596	8,464	-	6,401	12,553	6,943	5,359	8,314	10,739	11,700	10,777	113,026
32	<b>Total System</b>	1,583,043,702	1,383,424,424	1,524,375,833	1,439,117,391	1,168,525,650	1,556,454,967	1,193,617,091	1,172,386,668	1,462,878,841	1,502,716,064	1,826,297,633	1,898,289,490	17,711,127,754
33														
34	<b>Total System - EXCLUDING Sale for Resale</b>	1,583,020,522	1,383,415,828	1,524,367,369	1,439,117,391	1,168,519,249	1,556,442,414	1,193,610,148	1,172,381,309	1,462,870,527	1,502,705,325	1,826,285,933	1,898,278,713	17,711,014,728
35														
36	<b>INPUT FROM RECORDED SALES FILE:</b>													
37	<b>Medium &amp; Large Details - Deliveries in RWL:</b>													
38	Med & Large C/I (AD)	-	-	-	-	-	-	-	-	-	-	-	-	-
39	Med & Large C/I (AL+AY+DGR)	855,896,122	744,129,422	777,079,835	676,604,330	554,506,052	880,295,117	684,495,994	616,401,793	854,696,099	792,013,888	902,753,917	853,061,130	9,191,933,699
40	Med & Large C/I (A6)	-	-	-	-	-	-	-	-	-	-	-	-	-
41	Total	855,896,122	744,129,422	777,079,835	676,604,330	554,506,052	880,295,117	684,495,994	616,401,793	854,696,099	792,013,888	902,753,917	853,061,130	9,191,933,699
42														

Line No.	Line	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
1	System Delivery Determinants													
2	Customer Class Deliveries (MWh)													
3	Residential	570,432	480,488	454,818	411,956	414,552	434,513	507,883	559,981	617,136	523,094	454,942	497,186	5,926,982
4	Small Commercial	157,782	148,316	152,954	149,697	152,789	165,027	170,032	185,278	193,595	175,933	160,687	159,931	1,972,020
5	Med. & Large Comm./Ind.	685,888	663,365	630,701	717,402	667,047	741,907	771,026	785,073	864,689	791,411	728,327	719,850	8,766,685
6	San Diego Unified Port District	333	461	185	1,520	2,419	703	-	-	-	-	-	-	5,621
7	Agriculture (PA)	7,884	8,279	7,985	8,657	10,514	12,953	14,199	14,576	15,132	13,597	11,840	9,660	135,276
8	Agriculture (PA-T-1)	12,111	11,914	13,361	12,078	14,495	18,580	16,201	22,201	18,500	18,596	14,739	14,660	187,435
9	Lighting	5,619	7,740	6,245	6,713	6,627	6,680	6,357	4,757	7,243	6,050	6,918	7,380	78,329
10	Sale for Resale	5	3	6	3	4	6	5	6	6	6	5	6	61
11	<b>Total System</b>	1,440,055	1,320,566	1,266,254	1,308,025	1,268,447	1,380,370	1,485,704	1,571,872	1,716,300	1,528,687	1,377,458	1,408,672	17,072,410
12	<b>Total System - EXCLUDING Sale for Resale</b>	1,440,049	1,320,563	1,266,248	1,308,022	1,268,443	1,380,363	1,485,698	1,571,866	1,716,294	1,528,681	1,377,453	1,408,666	17,072,349
13														
14														
15	<b>INPUT FROM FORECAST INFORMATION:</b>													
16	Medium & Large Details - Deliveries in MWh:													
17	Med & Large C/I (AD)													
18	Med & Large C/I (AL+AY+DGR)	614,478	599,832	543,843	645,288	598,632	668,370	696,549	714,468	780,191	703,084	656,762	640,614	7,862,110
19	Med & Large C/I (A6)	71,410	63,534	86,858	72,114	68,415	73,537	74,477	70,606	84,498	88,327	71,565	79,235	904,575
20	Total	685,888	663,365	630,701	717,402	667,047	741,907	771,026	785,073	864,689	791,411	728,327	719,850	8,766,685
21														

Line No.	Line	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
22	System Delivery Determinants													
23	Customer Class Deliveries (kWh)													
24	Residential	570,432,159	480,488,065	454,817,746	411,956,351	414,552,230	434,513,257	507,882,992	559,981,302	617,135,736	523,094,416	454,942,268	497,185,697	5,926,982,217
25	Small Commercial	157,781,565	148,316,065	152,953,976	149,696,722	152,788,855	165,026,973	170,032,169	185,278,178	193,594,785	175,933,335	160,686,796	159,930,756	1,972,020,175
26	Med. & Large Comm./Ind.	685,887,700	663,365,388	630,700,801	717,401,784	667,047,243	741,907,103	771,025,890	785,073,393	864,688,706	791,410,571	728,326,985	719,849,677	8,766,685,241
27	San Diego Unified Port District	333,000	461,000	185,000	1,520,000	2,419,000	703,000	-	-	-	-	-	-	5,621,000
28	Agriculture (PA)	7,884,292	8,279,307	7,984,530	8,656,671	10,513,771	12,953,253	14,199,159	14,576,003	15,132,216	13,596,967	11,840,223	9,659,593	135,275,984
29	Agriculture (PA-T-1)	12,111,398	11,913,713	13,360,668	12,077,746	14,495,227	18,579,563	16,200,938	22,200,897	18,499,681	18,596,377	14,739,230	14,660,010	187,435,447
30	Lighting	5,619,370	7,739,584	6,245,443	6,712,925	6,627,048	6,680,010	6,357,294	4,756,525	7,243,115	6,049,579	6,917,960	7,380,267	78,329,120
31	Sale for Resale	5,370	2,952	5,684	3,016	4,020	6,437	5,171	5,730	5,942	6,080	4,724	6,179	61,305
32	<b>Total System</b>	1,440,054,852	1,320,566,074	1,266,253,849	1,308,025,213	1,268,447,394	1,380,369,596	1,485,703,613	1,571,872,028	1,716,300,182	1,528,687,324	1,377,458,185	1,408,672,180	17,072,410,488
33	<b>Total System - EXCLUDING Sale for Resale</b>	1,440,049,482	1,320,563,122	1,266,248,165	1,308,022,197	1,268,443,374	1,380,363,159	1,485,698,442	1,571,866,298	1,716,294,240	1,528,681,244	1,377,453,461	1,408,666,001	17,072,349,183
34														
35														
36	<b>INPUT FROM FORECAST INFORMATION:</b>													
37	Medium & Large Details - Deliveries in kWh:													
38	Med & Large C/I (AD)													
39	Med & Large C/I (AL+AY+DGR)	614,478,087	599,831,624	543,842,934	645,287,873	598,632,462	668,369,821	696,549,349	714,467,748	780,190,659	703,083,533	656,761,568	640,614,311	7,862,109,968
40	Med & Large C/I (A6)	71,409,613	63,533,764	86,857,867	72,113,911	68,414,781	73,537,282	74,476,541	70,605,646	84,498,047	88,327,038	71,565,418	79,235,366	904,575,273
41	Total	685,887,700	663,365,388	630,700,801	717,401,784	667,047,243	741,907,103	771,025,890	785,073,393	864,688,706	791,410,571	728,326,985	719,849,677	8,766,685,241
42														

Work Paper - 2  
Allocation of TRBAA Balance  
@ Sept. 30, 2022

**San Diego Gas & Electric Company**  
**2023 - 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 @ 9/30/2022	\$ (11,932,442)				Work paper No. 4; Page 4.4; Line 32	1
2							2
3	Forecast - Wheeling Revenues		(29,346,879)	-	(29,346,879)	Work paper No. 6; Page 6.1; Line 19	3
4							4
5	Forecast - Settlements, Metering and Client Relations		9,131	8,869	18,000	Work paper No. 6; Page 6.1; Line 26	5
6							6
7	Forecast - ETC Cost Differentials		(350,571)	(340,482)	(691,053)	Work paper No. 6; Page 6.1; Line 32	7
8							8
9	Forecast - Other PTO Related Revenue (Credits)/Charges		(440,800)	(43,660)	(484,460)	Work paper No. 6; Page 6.1; Line 42	9
10							10
11	Forecast 2023 - Net Transmission Revenue Credits	\$ (30,129,119)	\$ (375,273)	\$ (30,504,392)		Sum Lines 3 through 9	11
12							12
13	Allocation Factors Based on Revenue Credit Forecast		98.77%	1.23%	100.00%	Ratios Per Line 11	13
14							14
15	Allocation of Beginning TRBAA Balance <sup>1</sup>	\$ (11,785,646)	\$ (146,796)	\$ (11,932,442)		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**  
**2023 - 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				\$	(18,348,959)	See Note 1	1
2								2
3	TO5-Cycle 5 Informational Filing-Wholesale Base TRR	\$ 602,609,105	\$ 587,290,021		\$	1,189,899,126	See Note 2	3
4								4
5	HV-LV Allocation Factors	50.64371%	49.35629%			100.00%	Ratios Based on Line 2	5
6								6
7	Total HV-LV Standby Revenue Credits	\$ (9,292,594)	\$ (9,056,365)		\$	(18,348,959)	Col. 3; Line 1 x Line 5 Ratios	7

- <sup>1</sup> Standby Revenue amount of \$18,348,959, from Cost Statement BG; Page 1; Column A; Line 26, of SDG&E's TO5 Cycle 5 Annual Informational Filing.
- <sup>2</sup> Wholesale Base TRR information comes from SDG&E's TO5 Cycle 5 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, 2022**  
**2023 Annual TRBAA Rate Filing**

Line No.	Description	October 2021	November 2021	December 2021	January 2022
1	Beginning Balance (Overcollection)/Undercollection	\$ (3,702,231)	\$ (3,231,122)	\$ (2,891,159)	\$ (2,288,110)
2					
3	TRBAA Refund				
4	Kwh (Excluding Sales for Resale).	1,583,020,522	1,383,415,828	1,524,367,369	1,439,117,391
5	TRBAA Rate	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)	\$ (0.001265)
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (1,947,115)	\$ (1,701,601)	\$ (1,874,972)	\$ (1,820,483)
7	Franchise Fees & Uncollectible Expense Adjustment	(23,098)	(20,185)	(22,242)	(21,382)
8	TRBAA Refunds/Collections Excluding Uncollectibles	\$ (1,924,017)	\$ (1,681,416)	\$ (1,852,730)	\$ (1,799,101)
9					
10	PTO Related - ISO Charge Types:				
11	CT 384/ CT 382 - HV Wheeling Revenues Due TO/Due ISO (Net)	(1,319,871)	(1,227,017)	(1,350,410)	(755,732)
12	CT 4575 - Settlements, Metering, Client Relations	1,500	1,500	1,500	1,500
13	ETC Cost Differentials	(116,896)	(92,654)	112,617	(110,138)
14	Other PTO Related Revenue (Credits)/Charges	(7,947)	(15,028)	(6,147)	(3,305)
15	Sub-Total Monthly PTO Related Activity	\$ (1,443,214)	\$ (1,333,199)	\$ (1,242,440)	\$ (867,676)
16					
17	Other CAISO Adjustment	-	-	-	-
18	Sub-Total Adjustment	\$ -	\$ -	\$ -	\$ -
19	Total	\$ (1,443,214)	\$ (1,333,199)	\$ (1,242,440)	\$ (867,676)
20					
21	Net Monthly Activity (Net Refunds, Revenues, Expenses, & Adjustments)	\$ 480,804	\$ 348,217	\$ 610,290	\$ 931,425
22					
23	Interest Expense Calculations:				
24	Beginning Balance for Interest Calculation	\$ (3,702,231)	\$ (3,231,122)	\$ (2,891,159)	\$ (2,288,110)
25	Monthly Activity Included in Interest Calculation Basis	240,402	174,108	305,145	465,713
26	Basis for Interest Expense Calculation	(3,461,830)	(3,057,014)	(2,586,014)	(1,822,397)
27	Monthly Interest Rate	0.28000%	0.27000%	0.28000%	0.28000%
28	Interest Expense	\$ (9,693)	\$ (8,254)	\$ (7,241)	\$ (5,103)
29					
30	Other Adjustment (rounding)	\$ (1)			\$ (1)
31					
32	<b>Ending Balance (Overcollection)/Undercollection</b>	<b>\$ (3,231,122)</b>	<b>\$ (2,891,159)</b>	<b>\$ (2,288,110)</b>	<b>\$ (1,361,788)</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%	0.1610%
38	Combined FF&U Adjustment Rate	1.2005%	1.2005%	1.2005%	1.1885%

**San Diego Gas Electric Co.**  
**TRBAA Monthly Activities Applicable to BK1 and BK2**  
**For the 12-Month Period Ending September 30, 2022**  
**2023 Annual TRBAA Rate Filing**

Line No.	Description	February 2022	March 2022	April 2022	May 2022
1	Beginning Balance (Overcollection)/Undercollection	\$ (1,361,788)	\$ (724,184)	\$ 371,448	\$ (274,808)
2					
3	TRBAA Refund				
4	Kwh (Excluding Sales for Resale).	1,168,519,249	1,556,442,414	1,193,610,148	1,172,381,309
5	TRBAA Rate	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (1,519,075)	\$ (2,023,375)	\$ (1,551,693)	\$ (1,524,096)
7	Franchise Fees & Uncollectible Expense Adjustment	(17,842)	(23,765)	(18,225)	(17,901)
8	TRBAA Refunds/Collections Excluding Uncollectibles	\$ (1,501,233)	\$ (1,999,610)	\$ (1,533,468)	\$ (1,506,195)
9					
10	PTO Related - ISO Charge Types:				
11	CT 384/ CT 382 - HV Wheeling Revenues Due TO/Due ISO (Net)	(790,404)	(832,517)	(2,231,213)	(2,969,610)
12	CT 4575 - Settlements, Metering, Client Relations	1,500	1,500	1,500	1,500
13	ETC Cost Differentials	(73,572)	(92,521)	(95,322)	(55,480)
14	Other PTO Related Revenue (Credits)/Charges	1,451	20,054	145,181	38,164
15	Sub-Total Monthly PTO Related Activity	\$ (861,025)	\$ (903,484)	\$ (2,179,854)	\$ (2,985,426)
16					
17	Other CAISO Adjustment	-	-	-	-
18	Sub-Total Adjustment	\$ -	\$ -	\$ -	\$ -
19	Total	\$ (861,025)	\$ (903,484)	\$ (2,179,854)	\$ (2,985,426)
20					
21	Net Monthly Activity (Net Refunds, Revenues, Expenses, & Adjustments)	\$ 640,208	\$ 1,096,126	\$ (646,386)	\$ (1,479,231)
22					
23	Interest Expense Calculations:				
24	Beginning Balance for Interest Calculation	\$ (1,361,788)	\$ (724,184)	\$ 371,448	\$ (274,808)
25	Monthly Activity Included in Interest Calculation Basis	320,104	548,063	(323,193)	(739,616)
26	Basis for Interest Expense Calculation	(1,041,684)	(176,122)	48,255	(1,014,423)
27	Monthly Interest Rate	0.25000%	0.28000%	0.27000%	0.28000%
28	Interest Expense	\$ (2,604)	\$ (493)	\$ 130	\$ (2,840)
29					
30	Other Adjustment (rounding)				
31					
32	<b>Ending Balance (Overcollection)/Undercollection</b>	<b>\$ (724,184)</b>	<b>\$ 371,448</b>	<b>\$ (274,808)</b>	<b>\$ (1,756,879)</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	0.1610%	0.1610%	0.1610%	0.1610%
38	Combined FF&U Adjustment Rate	1.1885%	1.1885%	1.1885%	1.1885%

**San Diego Gas Electric Co.**  
**TRBAA Monthly Activities Applicable to BK1 and BK2**  
**For the 12-Month Period Ending September 30, 2022**  
**2023 Annual TRBAA Rate Filing**

Line No.	Description	June 2022	July 2022	August 2022	September 2022
1	Beginning Balance (Overcollection)/Undercollection	\$ (1,756,879)	\$ (4,455,195)	\$ (6,573,757)	\$ (9,532,171)
2					
3	TRBAA Refund				
4	Kwh (Excluding Sales for Resale).	1,462,870,527	1,502,705,325	1,826,285,933	1,898,278,713
5	TRBAA Rate	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (1,901,732)	\$ (1,953,517)	\$ (2,374,172)	\$ (2,467,762)
7	Franchise Fees & Uncollectible Expense Adjustment	(22,337)	(22,945)	(27,886)	(28,985)
8	TRBAA Refunds/Collections Excluding Uncollectibles	\$ (1,879,395)	\$ (1,930,572)	\$ (2,346,286)	\$ (2,438,777)
9					
10	PTO Related - ISO Charge Types:				
11	CT 384/ CT 382 - HV Wheeling Revenues Due TO/Due ISO (Net)	(4,504,343)	(3,953,819)	(5,217,613)	(4,194,330)
12	CT 4575 - Settlements, Metering, Client Relations	1,500	1,500	1,500	1,500
13	ETC Cost Differentials	(65,694)	(83,199)	(58,424)	40,231
14	Other PTO Related Revenue (Credits)/Charges	(799)	3,451	(5,237)	(654,300)
15	Sub-Total Monthly PTO Related Activity	\$ (4,569,335)	\$ (4,032,066)	\$ (5,279,774)	\$ (4,806,899)
16					
17	Other CAISO Adjustment	-	-	-	-
18	Sub-Total Adjustment	\$ -	\$ -	\$ -	\$ -
19	Total	\$ (4,569,335)	\$ (4,032,066)	\$ (5,279,774)	\$ (4,806,899)
20					
21	Net Monthly Activity (Net Refunds, Revenues, Expenses, & Adjustments)	\$ (2,689,940)	\$ (2,101,494)	\$ (2,933,488)	\$ (2,368,122)
22					
23	Interest Expense Calculations:				
24	Beginning Balance for Interest Calculation	\$ (1,756,879)	\$ (4,455,195)	\$ (6,573,757)	\$ (9,532,171)
25	Monthly Activity Included in Interest Calculation Basis	(1,344,970)	(1,050,747)	(1,466,744)	(1,184,061)
26	Basis for Interest Expense Calculation	(3,101,849)	(5,505,942)	(8,040,501)	(10,716,232)
27	Monthly Interest Rate	0.27000%	0.31000%	0.31000%	0.30000%
28	Interest Expense	\$ (8,375)	\$ (17,068)	\$ (24,926)	\$ (32,149)
29					
30	Other Adjustment (rounding)	(1)	1	(1)	
31					
32	<b>Ending Balance (Overcollection)/Undercollection</b>	<b>\$ (4,455,195)</b>	<b>\$ (6,573,757)</b>	<b>\$ (9,532,171)</b>	<b>\$ (11,932,442)</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	0.1610%	0.1610%	0.1610%	0.1610%
38	Combined FF&U Adjustment Rate	1.1885%	1.1885%	1.1885%	1.1885%

**San Diego Gas Electric Co.**  
**TRBAA Monthly Activities Applicable to BK1 and BK2**  
**For the 12-Month Period Ending September 30, 2022**  
**2023 Annual TRBAA Rate Filing**

Line No.	Description	Total	Reference	Line No.
1	Beginning Balance (Overcollection)/Undercollection	\$ (3,702,231)	Previous Month's Balance	1
2				2
3	TRBAA Refund			3
4	Kwh (Excluding Sales for Resale).	17,711,014,728	Work Paper No. 1; Page 1.1; Line 32	4
5	TRBAA Rate		TRBAA Rates; ER21-301 (Oct - Dec 2021); ER22-258 (Jan - Sep 2022)	5
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (22,659,594)	Line 4 x Line 5	6
7	Franchise Fees & Uncollectible Expense Adjustment	(266,793)	(Line 6 / (1+ Line 38)) * Line 38	7
8	TRBAA Refunds/Collections Excluding Uncollectibles	\$ (22,392,800)	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)	(29,346,879)	Work Paper No. 5; Page 5.1-5.2; Line 4	11
12	CT 4575 - Settlements, Metering, Client Relations	18,000	Work Paper No. 5; Page 5.1-5.2; Line 7	12
13	ETC Cost Differentials	(691,053)	Work Paper No. 5; Page 5.1-5.2; Line 10	13
14	Other PTO Related Revenue (Credits)/Charges	(484,460)	Work Paper No. 5; Page 5.1-5.2; Line 13	14
15	Sub-Total Monthly PTO Related Activity	\$ (30,504,392)	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	\$ (30,504,392)	Sum Lines 15; 18	19
20				20
21	Net Monthly Activity (Net Refunds, Revenues, Expenses, & Adjustments)	\$ (8,111,591)	Minus Line 8 + Line 19	21
22				22
23	Interest Expense Calculations:			23
24	Beginning Balance for Interest Calculation		Beg. Monthly Balances	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	\$ (118,616)	Line 26 x Line 27	28
29				29
30	Other Adjustment (rounding)	(3)		30
31				31
32	<b>Ending Balance (Overcollection)/Undercollection</b>	<b>\$ (11,932,442)</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.**  
**2023 TRBAA Rate Filing**  
**Monthly TRBAA Details for Period Ending September 30, 2022**

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**  
**2023 TRBA Rate Filing**  
**CAISO Charges Oct. 2021 - Sept. 2022**

Line No.	Description	October 2021	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022
1	<b>High Voltage Wheeling Revenues:</b>								
2	CT 384 - HV Wheeling Revenues Due TO	\$ (1,323,322)	\$ (1,227,018)	\$ (1,355,933)	\$ (755,731)	\$ (796,937)	\$ (843,434)	\$ (2,231,213)	\$ (2,972,308)
3	CT 382 - HV Wheeling Charge Due ISO	3,452	1	5,523	(2)	6,533	10,917	-	2,698
4	Net	\$ (1,319,871)	\$ (1,227,017)	\$ (1,350,410)	\$ (755,732)	\$ (790,404)	\$ (832,517)	\$ (2,231,213)	\$ (2,969,610)
5									
6		\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
7	<b>CT 4575 - Settlements, Metering, &amp; Client Relations (SDGE-PTO)</b>								
8									
9		\$ (116,896)	\$ (92,654)	\$ 112,617	\$ (110,138)	\$ (73,572)	\$ (92,521)	\$ (95,322)	\$ (55,480)
10	<b>ETC Cost Differentials from CAISO</b>								
11									
12		\$ (7,947)	\$ (15,028)	\$ (6,147)	\$ (3,305)	\$ 1,451	\$ 20,054	\$ 145,181	\$ 38,164
13	<b>Other PTO Related Revenue (Credits)/Charges</b>								
14									

**San Diego Gas & Electric Company**  
**2023 TRBA Rate Filing**  
**CAISO Charges Oct. 2021 - Sept. 2022**

Line No.	Description	June 2022	July 2022	August 2022	September 2022	Total	Reference	Line No.
1	<b>High Voltage Wheeling Revenues:</b>							1
2	CT 384 - HV Wheeling Revenues Due TO	\$ (4,515,265)	\$ (3,957,241)	\$ (5,217,634)	\$ (4,207,481)	\$ (29,403,518)	ISO Charge Type 384	2
3	CT 382 - HV Wheeling Charge Due ISO	10,922	3,422	22	13,151	56,639	ISO Charge Type 382	3
4	Net	\$ (4,504,343)	\$ (3,953,819)	\$ (5,217,613)	\$ (4,194,330)	\$ (29,346,879)		4
5								5
6	<b>CT 4575 - Settlements, Metering, &amp; Client Relations (SDGE-PTO)</b>	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 18,000	ISO Charge Type 4575	6
7								7
8								8
9	<b>ETC Cost Differentials from CAISO</b>	\$ (65,694)	\$ (83,199)	\$ (58,424)	\$ 40,231	\$ (691,053)	Work Paper 10; Pages 10.1 - 10.3; Line 45	9
10								10
11								11
12	<b>Other PTO Related Revenue (Credits)/Charges</b>	\$ (799)	\$ 3,451	\$ (5,237)	\$ (654,300)	\$ (484,460)	Work Paper 12; Pages 12.1; Line 13	12
13								13
14								14

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

San Diego Gas & Electric Company  
2023 - TRBAA Rate Filing  
Summary of TRBAA Forecast Allocation Between High Voltage and Low Voltage Facilities

Line No.	Reference	(A)	(B)	(C) = (A) + (B)	Line No.
1	<b>HV-LV Allocation Factors:</b>				1
2		High Voltage	Low Voltage	Total	2
3	<b>A. Development of Allocation Factors:</b>				3
4					4
5	T05 Cycle 5 - Recorded Gross Plant Balances; Dollars in (\$000)	\$ 3,962,206	\$ 3,372,018	\$ 7,334,224	5
6	T05 Cycle 5 - Weighted Forecast Plant Additions; Dollars in (\$000)	\$ 156,938	\$ 627,943	\$ 784,881	6
7					7
8	Total Recorded & Forecast Gross Plant Balances; Dollars in (\$000)	\$ 4,119,144	\$ 3,999,961	\$ 8,119,105	8
9					9
10	High Voltage - Low Voltage Ratios Based on Gross Plant; Per Line 9	50.73%	49.27%	100.00%	10
11					11
12					12
13	<b>B. Allocation of High Voltage Wheeling Revenues:</b>				13
14					14
15	Total Wheeling Revenues Forecast based on recorded HV-LV wheeling revenues ending 9/30/2022	\$ (29,346,879)	\$ -	\$ (29,346,879)	15
16					16
17	HV - Allocation Ratio is NOT Based on Plant as shown on Line 11	100.00%	0.00%	100.00%	17
18					18
19	<b>Total HV-LV Wheeling Revenues Allocation</b>	\$ (29,346,879)	\$ -	\$ (29,346,879)	19
20					20
21	<b>C. Forecast of Settlements, Metering, &amp; Client Relations Expense:</b>				21
22	Total Settlements, Metering & Client Relations Expense Forecast based on recorded CC4575 ending 9/30/2022			\$ 18,000	22
23					23
24	Adjusted for Known and Measurable Changes.				24
25					25
26	<b>Total Settlements, Metering, &amp; Client Relations Allocation</b>	\$ 9,131	\$ 8,869	\$ 18,000	26
27					27
28	<b>D. Forecast of ETC Cost Differentials Expense:</b>				28
29	Total ETC Cost Differentials Expense Forecast based on recorded other various CAISO charges ending 9/30/2022			\$ (691,053)	29
30					30
31					31
32	<b>Total ETC Cost Differentials Allocation</b>	\$ (350,571)	\$ (340,482)	\$ (691,053)	32
33					33
34	<b>E. Forecast of Other PTO Related Revenue (Credits)/Charges:</b>				34
35	Total Other PTO Related Revenue (Credits)/Charges based on recorded specific various CAISO charges ending 9/30/2022			\$ (484,460)	35
36					36
37	Less: CC 8526 HV/LV specific allocation per CAISO	\$ (526,832)	\$ (127,215)	\$ (654,047)	37
38					38
39	Net Other PTO Related Revenue (Credits)/Charges HV/LV Allocation	\$ 86,032	\$ 83,556	\$ 169,587	39
40					40
41	<b>Total Other PTO Related Revenue (Credits)/Charges Allocation</b>	\$ (440,800)	\$ (43,660)	\$ (484,460)	41
42					42
43					43

Work Paper - 7  
Derivation of Wheeling Revenue Forecast

**San Diego Gas & Electric Company**  
**2023 - TRBAA Rate Filing**  
**Wheeling Revenues Forecast**

Line No	Actual Recorded Month	(A)		(B)	(C)	(D)	Line No
		High Voltage Wheeling Revenues (384)/(382)-Net	Low Voltage Wheeling Revenues (385)				
1	Oct-21	\$ (1,319,871)	\$ -	\$ (1,319,871)	Work paper No. 5; Page 5.1 and 5.2; Line 4	1	
2						2	
3	Nov-21	(1,227,017)	-	(1,227,017)	Work paper No. 5; Page 5.1 and 5.2; Line 4	3	
4						4	
5	Dec-21	(1,350,410)	-	(1,350,410)	Work paper No. 5; Page 5.1 and 5.2; Line 4	5	
6						6	
7	Jan-22	(755,732)	-	(755,732)	Work paper No. 5; Page 5.1 and 5.2; Line 4	7	
8						8	
9	Feb-22	(790,404)	-	(790,404)	Work paper No. 5; Page 5.1 and 5.2; Line 4	9	
10						10	
11	Mar-22	(832,517)	-	(832,517)	Work paper No. 5; Page 5.1 and 5.2; Line 4	11	
12						12	
13	Apr-22	(2,231,213)	-	(2,231,213)	Work paper No. 5; Page 5.1 and 5.2; Line 4	13	
14						14	
15	May-22	(2,969,610)	-	(2,969,610)	Work paper No. 5; Page 5.1 and 5.2; Line 4	15	
16						16	
17	Jun-22	(4,504,343)	-	(4,504,343)	Work paper No. 5; Page 5.1 and 5.2; Line 4	17	
18						18	
19	Jul-22	(3,953,819)	-	(3,953,819)	Work paper No. 5; Page 5.1 and 5.2; Line 4	19	
20						20	
21	Aug-22	(5,217,613)	-	(5,217,613)	Work paper No. 5; Page 5.1 and 5.2; Line 4	21	
22						22	
23	Sep-22	(4,194,330)	-	(4,194,330)	Work paper No. 5; Page 5.1 and 5.2; Line 4	23	
24						24	
25	<b>Total Recorded</b>	<b>\$ (29,346,879)</b>	<b>\$ -</b>	<b>\$ (29,346,879)</b>	<b>Sum Lines 1 to 23</b>	25	
26						26	
27	<b>Wheeling Revenue Forecast</b>	<b>\$ (29,346,879)</b>	<b>\$ -</b>	<b>(29,346,879)</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  
 2023 - 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-21	\$ 1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	1
2				2
3	Nov-21	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	3
4				4
5	Dec-21	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	5
6				6
7	Jan-22	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	7
8				8
9	Feb-22	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	9
10				10
11	Mar-22	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	11
12				12
13	Apr-22	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	13
14				14
15	May-22	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	15
16				16
17	Jun-22	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	17
18				18
19	Jul-22	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	19
20				20
21	Aug-22	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	21
22				22
23	Sep-22	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	23
24				24
25	<b>Total Recorded</b>	<b>\$ 18,000</b>	Sum Lines 1 to 23	25
26				26
27	<b>Settlements, Metering and Client Relations Charge Code - 4575 Forecast <sup>a</sup></b>	<b>\$ 18,000</b>	See Line 25	27
28				28

<sup>a</sup> CAISO Settlements, Metering and Client Relations forecast is based on the recorded rates under MRTU. The monthly amounts represent 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  
 2023 - 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-21	\$ (116,896)	Work paper No. 5; Page 5.1 and 5.2; Line 10	1
2				2
3	Nov-21	(92,654)	Work paper No. 5; Page 5.1 and 5.2; Line 10	3
4				4
5	Dec-21	112,617	Work paper No. 5; Page 5.1 and 5.2; Line 10	5
6				6
7	Jan-22	(110,138)	Work paper No. 5; Page 5.1 and 5.2; Line 10	7
8				8
9	Feb-22	(73,572)	Work paper No. 5; Page 5.1 and 5.2; Line 10	9
10				10
11	Mar-22	(92,521)	Work paper No. 5; Page 5.1 and 5.2; Line 10	11
12				12
13	Apr-22	(95,322)	Work paper No. 5; Page 5.1 and 5.2; Line 10	13
14				14
15	May-22	(55,480)	Work paper No. 5; Page 5.1 and 5.2; Line 10	15
16				16
17	Jun-22	(65,694)	Work paper No. 5; Page 5.1 and 5.2; Line 10	17
18				18
19	Jul-22	(83,199)	Work paper No. 5; Page 5.1 and 5.2; Line 10	19
20				20
21	Aug-22	(58,424)	Work paper No. 5; Page 5.1 and 5.2; Line 10	21
22				22
23	Sep-22	40,231	Work paper No. 5; Page 5.1 and 5.2; Line 10	23
24				24
25	<b>Total Recorded</b>	\$ <b>(691,053)</b>	Sum Lines 1 to 23	25
26				26
27	<b>Existing Transmission Contracts (ETC) Cost Differentials Forecast</b>	\$ <b>(691,053)</b>	See Line 25	27
28				28

Work Paper – 10  
Monthly Recorded ETC Cost Differentials  
Charge Types

**San Diego Gas & Electric Company**  
**2023 TRBAA Rate Filing**  
**Details of Monthly ETC Cost Differentials**

Line No.	Charge Type	ETC Cost Differentials Charge Types	Oct-21	Nov-21	Dec-21	Jan-22
<b>TRBAA Revenues</b>						
1	1592	EP Penalty Allocation Payment	\$ (17,935)	\$ -	\$ -	\$ -
2	6011	Day Ahead Energy Congestion Loss Management	77,531	(46,412)	223,164	(18,785)
3	6090	Ancillary Service Upward Neutrality Allocation	0	3	(2)	-
4	6194	Spinning Reserve Obligation Settlement	(51)	(61)	(132)	(103)
5	6294	Non-Spinning Reserve Obligation Settlement	(11)	(6)	(5)	(4)
6	6458	Intertie Deviation Settlement Allocation	208	610	(18)	-
7	6478	Real Time System Imbalance Energy Offset	3,617	7,268	11,493	4,625
8	6706	Monthly CRRBA Clearing	(70)	233	(86)	1
9	6788	Real Time Market Congestion Credit Settlement	(2,332)	(15,116)	6,731	(10,103)
10	6791	CRR Accrued Interest Allocation	(0)	-	-	-
11	6947	IFM Marginal Losses Surplus Credit Allocation- Prelim	(219,793)	(64,429)	(120,677)	(106,995)
12	6977	Allocation of Transmission Loss Obligation Charge for Real Time Schedule Under Control Agreement	11	6	(6)	-
13	7070	Flexible Ramp Forecasted Movement Settlement	-	-	(253)	-
14	7078	Monthly Flexible Ramp Up Uncertainty Award Allocation	75	129	(134)	(1,790)
15	7989	Invoice Deviation Interest Distribution	(0)	(16)	(649)	-
16	8526	Generator Interconnection Process Forfeited Deposit Allocation	(1,634)	-	-	-
17	8989	Daily Neutrality Adjustment	-	-	6,179	-
18	8999	Neutrality Adjustment	-	-	-	-
19						
20	<b>TRBAA Expenses</b>					
21	0525	FERC Fees Under/Over Recovery	-	-	-	-
22	0550	FERC Fees	20	-	35	-
23	4515	Bid Segment Fee	33	29	45	39
24	4560	GMC - Market Services Charge	1,530	8,351	3,817	2,502
25	4561	GMC - System Operations Charge	172	282	552	264
26	4563	GMC - Transmission Ownership Rights	32,619	19,383	30,056	24,936
27	4575	Settlements, Metering, Client Relations	1,500	1,500	1,500	1,500
28	6196	Spinning Reserve Neutrality Allocation	(8)	(58)	5	-
29	6296	Non-Spinning Reserve Neutrality Allocation	(6)	(54)	0	-
30	6456	Intertie Deviation Settlement	(175)	212	(80,624)	-
31	6460	FMM Instructed Imbalance Energy Settlement	(753)	(3,433)	17,900	(13,167)
32	6470	Real Time Instructed Imbalance Energy Settlement	370	(268)	14,937	15,391
33	6477	Real Time Imbalance Energy Offset	13	(692)	(58)	-
34	6484	Hour-Ahead Scheduling Process Uplift Settlement Allocation	-	34	-	-
35	6636	IFM Bid Cost Recovery Tier 1 Allocation	-	-	0	-
36	6678	Real Time Bid Cost Recovery Allocation	(8)	(49)	45	0
37	6774	Real Time Congestion Offset	19	(566)	54	-
38	6790	CRR Balancing Account	(490)	(3,345)	7	-
39	6985	Real Time Marginal Losses Offset	8,583	3,762	(1,525)	(10,871)
40	7077	Daily Flexible Ramp Up Uncertainty Award Allocation	-	-	226	2,353
41	7087	Daily Flexible Ramp Down Uncertainty Award Allocation	-	-	-	-
42	7088	Monthly Flexible Ramp Down Uncertainty Award Allocation	-	-	-	0
43	7999	Invoice Deviation Interest Allocation	69	51	38	67
44						
45		<b>Grand Total</b>	<b>\$ (116,896)</b>	<b>\$ (92,654)</b>	<b>\$ 112,617</b>	<b>\$ (110,138)</b>
46						
47						
48		Adjusted Total ETC Cost Differential - Line 45 above	<b>\$ (116,896)</b>	<b>\$ (92,654)</b>	<b>\$ 112,617</b>	<b>\$ (110,138)</b>
49		Per TRBAA Schedule; Workpaper 4.1 to 4.4; Line 13	<b>\$ (116,896)</b>	<b>\$ (92,654)</b>	<b>\$ 112,617</b>	<b>\$ (110,138)</b>
50		Difference	-	-	-	-

**San Diego Gas & Electric Company**  
**2023 TRBAA Rate Filing**  
**Details of Monthly ETC Cost Differentials**

Line No.	Charge Type	ETC Cost Differentials Charge Types	Feb-22	Mar-22	Apr-22	May-22
<b>TRBAA Revenues</b>						
1	1592	EP Penalty Allocation Payment	\$ -	\$ -	\$ -	\$ -
2	6011	Day Ahead Energy Congestion Loss Management	21	14,999	18,352	36,216
3	6090	Ancillary Service Upward Neutrality Allocation	(0)	1	-	(1)
4	6194	Spinning Reserve Obligation Settlement	(76)	(104)	(47)	19
5	6294	Non-Spinning Reserve Obligation Settlement	(4)	(7)	(13)	0
6	6458	Intertie Deviation Settlement Allocation	(7)	(14)	-	(9)
7	6478	Real Time System Imbalance Energy Offset	2,327	(4,160)	(1)	136
8	6706	Monthly CRRBA Clearing	(43)	(97)	-	(106)
9	6788	Real Time Market Congestion Credit Settlement	1,306	116,128	773	(1,377)
10	6791	CRR Accrued Interest Allocation	-	0	-	0
11	6947	IFM Marginal Losses Surplus Credit Allocation- Prelim	(118,150)	(149,895)	(150,624)	(143,818)
12	6977	Allocation of Transmission Loss Obligation Charge for Real Time Schedule Under Control Agreement	(73)	(139)	-	(14)
13	7070	Flexible Ramp Forecasted Movement Settlement	-	-	-	-
14	7078	Monthly Flexible Ramp Up Uncertainty Award Allocation	(76)	349	12	128
15	7989	Invoice Deviation Interest Distribution	(2)	(52)	(59)	(12)
16	8526	Generator Interconnection Process Forfeited Deposit Allocation	-	-	-	-
17	8989	Daily Neutrality Adjustment	-	-	-	-
18	8999	Neutrality Adjustment	-	-	-	-
19						
20	<b>TRBAA Expenses</b>					
21	0525	FERC Fees Under/Over Recovery	-	-	-	-
22	0550	FERC Fees	35	60	-	15
23	4515	Bid Segment Fee	41	43	30	25
24	4560	GMC - Market Services Charge	1,151	5,705	167	292
25	4561	GMC - System Operations Charge	359	550	101	49
26	4563	GMC - Transmission Ownership Rights	23,879	29,875	26,382	25,608
27	4575	Settlements, Metering, Client Relations	1,500	1,500	1,500	1,500
28	6196	Spinning Reserve Neutrality Allocation	19	0	-	2
29	6296	Non-Spinning Reserve Neutrality Allocation	1	0	-	0
30	6456	Intertie Deviation Settlement	(824)	1,472	-	1,534
31	6460	FMM Instructed Imbalance Energy Settlement	10,118	(130,786)	(1,498)	12,226
32	6470	Real Time Instructed Imbalance Energy Settlement	5,678	16,102	122	3,864
33	6477	Real Time Imbalance Energy Offset	96	399	-	(190)
34	6484	Hour-Ahead Scheduling Process Uplift Settlement Allocation	-	-	-	-
35	6636	IFM Bid Cost Recovery Tier 1 Allocation	-	-	-	-
36	6678	Real Time Bid Cost Recovery Allocation	15	147	-	103
37	6774	Real Time Congestion Offset	(8)	30	-	287
38	6790	CRR Balancing Account	(101)	(166)	-	(39)
39	6985	Real Time Marginal Losses Offset	(963)	5,514	9,460	8,043
40	7077	Daily Flexible Ramp Up Uncertainty Award Allocation	185	3	(1)	0
41	7087	Daily Flexible Ramp Down Uncertainty Award Allocation	-	-	-	-
42	7088	Monthly Flexible Ramp Down Uncertainty Award Allocation	0	-	-	-
43	7999	Invoice Deviation Interest Allocation	24	21	23	39
44						
45		<b>Grand Total</b>	<b>\$ (73,572)</b>	<b>\$ (92,521)</b>	<b>\$ (95,322)</b>	<b>\$ (55,480)</b>
46						
47						
48		Adjusted Total ETC Cost Differential - Line 45 above	<b>\$ (73,572)</b>	<b>\$ (92,521)</b>	<b>\$ (95,322)</b>	<b>\$ (55,480)</b>
49		Per TRBAA Schedule; Workpaper 4.1 to 4.4; Line 13	<b>\$ (73,572)</b>	<b>\$ (92,521)</b>	<b>\$ (95,322)</b>	<b>\$ (55,480)</b>
50		Difference	-	-	-	-

**San Diego Gas & Electric Company**  
**2023 TRBAA Rate Filing**  
**Details of Monthly ETC Cost Differentials**

Line No.	Charge Type	ETC Cost Differentials Charge Types	Jun-22	Jul-22	Aug-22	Sep-22	Total	Line No.
<b>TRBAA Revenues</b>								
1	1592	EP Penalty Allocation Payment	\$ -	\$ -	\$ -	\$ -	\$ (17,935)	1
2	6011	Day Ahead Energy Congestion Loss Management	111,192	107,180	145,383	466,152	1,134,993	2
3	6090	Ancillary Service Upward Neutrality Allocation	(3)	(10)	(4)	(1)	(16)	3
4	6194	Spinning Reserve Obligation Settlement	15	(47)	5	(367)	(949)	4
5	6294	Non-Spinning Reserve Obligation Settlement	5	(9)	(9)	(320)	(383)	5
6	6458	Intertie Deviation Settlement Allocation	(62)	1,398	(123)	1	1,985	6
7	6478	Real Time System Imbalance Energy Offset	90	115	(1)	15	25,522	7
8	6706	Monthly CRRBA Clearing	(124)	(170)	0	(434)	(895)	8
9	6788	Real Time Market Congestion Credit Settlement	(11,202)	8,490	(23,688)	(13,228)	56,383	9
10	6791	CRR Accrued Interest Allocation	-	(0)	-	(1)	(1)	10
11	6947	IFM Marginal Losses Surplus Credit Allocation- Prelim	(299,725)	(267,771)	(335,471)	(568,628)	(2,545,976)	11
12	6977	Allocation of Transmission Loss Obligation Charge for Real Time Schedule Under Control Agreement	(213)	(19)	(116)	2	(562)	12
13	7070	Flexible Ramp Forecasted Movement Settlement	78	-	-	(36,137)	(36,312)	13
14	7078	Monthly Flexible Ramp Up Uncertainty Award Allocation	170	(5)	119	120	(902)	14
15	7989	Invoice Deviation Interest Distribution	(32)	(68)	(162)	-	(1,052)	15
16	8526	Generator Interconnection Process Forfeited Deposit Allocation	-	-	-	0	(1,634)	16
17	8989	Daily Neutrality Adjustment	-	0	-	-	6,179	17
18	8999	Neutrality Adjustment	-	-	-	-	-	18
19								19
<b>TRBAA Expenses</b>								
21	0525	FERC Fees Under/Over Recovery	-	-	89	-	89	21
22	0550	FERC Fees	59	18	-	71	313	22
23	4515	Bid Segment Fee	33	33	42	33	426	23
24	4560	GMC - Market Services Charge	842	1,184	1,150	1,212	27,902	24
25	4561	GMC - System Operations Charge	333	138	329	135	3,262	25
26	4563	GMC - Transmission Ownership Rights	34,028	31,438	46,477	37,269	361,950	26
27	4575	Settlements, Metering, Client Relations	1,500	1,500	1,500	1,500	18,000	27
28	6196	Spinning Reserve Neutrality Allocation	5	31	0	(1)	(5)	28
29	6296	Non-Spinning Reserve Neutrality Allocation	0	30	(5)	(0)	(35)	29
30	6456	Intertie Deviation Settlement	36,318	(5,922)	-	-	(48,010)	30
31	6460	FMM Instructed Imbalance Energy Settlement	33,176	21,728	73,886	94,466	113,863	31
32	6470	Real Time Instructed Imbalance Energy Settlement	2,048	457	2,522	22,951	84,174	32
33	6477	Real Time Imbalance Energy Offset	1,739	837	68	(51)	2,162	33
34	6484	Hour-Ahead Scheduling Process Uplift Settlement Allocation	-	(27)	-	-	6	34
35	6636	IFM Bid Cost Recovery Tier 1 Allocation	-	-	-	-	0	35
36	6678	Real Time Bid Cost Recovery Allocation	146	111	290	(3)	798	36
37	6774	Real Time Congestion Offset	1,111	(5)	1,745	29	2,698	37
38	6790	CRR Balancing Account	(249)	26	(148)	1	(4,506)	38
39	6985	Real Time Marginal Losses Offset	23,009	15,747	27,625	34,923	123,306	39
40	7077	Daily Flexible Ramp Up Uncertainty Award Allocation	-	3	-	480	3,249	40
41	7087	Daily Flexible Ramp Down Uncertainty Award Allocation	-	(0)	-	-	(0)	41
42	7088	Monthly Flexible Ramp Down Uncertainty Award Allocation	(0)	0	-	-	0	42
43	7999	Invoice Deviation Interest Allocation	21	391	71	43	858	43
44								44
45		<b>Grand Total</b>	<b>\$ (65,694)</b>	<b>\$ (83,199)</b>	<b>\$ (58,424)</b>	<b>\$ 40,231</b>	<b>\$ (691,053)</b>	45
46								46
47								47
48		Adjusted Total ETC Cost Differential - Line 45 above	<b>\$ (65,694)</b>	<b>\$ (83,199)</b>	<b>\$ (58,424)</b>	<b>\$ 40,231</b>	<b>\$ (691,053)</b>	48
49		Per TRBAA Schedule; Workpaper 4.1 to 4.4; Line 13	<b>\$ (65,694)</b>	<b>\$ (83,199)</b>	<b>\$ (58,424)</b>	<b>\$ 40,231</b>	<b>\$ (691,053)</b>	49
50		Difference	-	-	-	-	-	50

Work Paper - 11

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

**San Diego Gas & Electric Company**  
**2023 - 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-21	\$ (7,947)	Work paper No. 5; Page 5.1 and 5.2; Line 13	1
2				2
3	Nov-21	(15,028)	Work paper No. 5; Page 5.1 and 5.2; Line 13	3
4				4
5	Dec-21	(6,147)	Work paper No. 5; Page 5.1 and 5.2; Line 13	5
6				6
7	Jan-22	(3,305)	Work paper No. 5; Page 5.1 and 5.2; Line 13	7
8				8
9	Feb-22	1,451	Work paper No. 5; Page 5.1 and 5.2; Line 13	9
10				10
11	Mar-22	20,054	Work paper No. 5; Page 5.1 and 5.2; Line 13	11
12				12
13	Apr-22	145,181	Work paper No. 5; Page 5.1 and 5.2; Line 13	13
14				14
15	May-22	38,164	Work paper No. 5; Page 5.1 and 5.2; Line 13	15
16				16
17	Jun-22	(799)	Work paper No. 5; Page 5.1 and 5.2; Line 13	17
18				18
19	Jul-22	3,451	Work paper No. 5; Page 5.1 and 5.2; Line 13	19
20				20
21	Aug-22	(5,237)	Work paper No. 5; Page 5.1 and 5.2; Line 13	21
22				22
23	Sep-22	(654,300)	Work paper No. 5; Page 5.1 and 5.2; Line 13	23
24				24
25	<b>Total Recorded</b>	\$ <b>(484,460)</b>	Sum Lines 1 to 23	25
26				26
27	<b>Other PTO Related Revenue (Credits) / Charges Forecast</b>	\$ <b>(484,460)</b>	See Line 25	27
28				28



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

San Diego Gas & Electric Company  
2023 TRBA 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-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Total	Line No.
1	1592	EP Penalty Allocation Payment	\$ (415)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (415)	1
2	7989	Invoice Deviation Interest Distribution	(7,495)	(15,028)	(7,089)	(3,305)	(247)	(924)	(649)	(523)	(799)	(6,044)	(5,237)	(5,300)	(52,639)	2
3	7999	Generator Interconnection Process Forfeited Deposit Allocation	-	-	943	-	1,698	20,978	145,830	38,687	-	9,495	-	5,048	222,679	3
4	8526	Neutrality Adjustment	(38)	-	-	-	-	-	-	-	-	-	-	(654,047)	(654,085)	4
5	8989	Daily Neutrality Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	5
6	8999	Invoice Deviation Interest Allocation	-	-	-	-	-	-	-	-	-	-	-	-	-	6
7		<b>Grand Total</b>	<b>\$ (7,947)</b>	<b>\$ (15,028)</b>	<b>\$ (6,147)</b>	<b>\$ (3,305)</b>	<b>\$ 1,451</b>	<b>\$ 20,054</b>	<b>\$ 145,181</b>	<b>\$ 38,164</b>	<b>\$ (799)</b>	<b>\$ 3,451</b>	<b>\$ (5,237)</b>	<b>\$ (654,300)</b>	<b>\$ (484,460)</b>	7
8		Adjusted Total Other PTO Related Revenue (Credits)/Charges - Line 13 above	\$ (7,947)	\$ (15,028)	\$ (6,147)	\$ (3,305)	\$ 1,451	\$ 20,054	\$ 145,181	\$ 38,164	\$ (799)	\$ 3,451	\$ (5,237)	\$ (654,300)	\$ (484,460)	8
9		Per TRBA Schedule; Workpaper 4.1 to 4.4; Line 14 Difference	\$ (7,947)	\$ (15,028)	\$ (6,147)	\$ (3,305)	\$ 1,451	\$ 20,054	\$ 145,181	\$ 38,164	\$ (799)	\$ 3,451	\$ (5,237)	\$ (654,300)	\$ (484,460)	9
10			-	-	-	-	-	-	-	-	-	-	-	-	-	10
11			-	-	-	-	-	-	-	-	-	-	-	-	-	11
12			-	-	-	-	-	-	-	-	-	-	-	-	-	12
13			-	-	-	-	-	-	-	-	-	-	-	-	-	13
14			-	-	-	-	-	-	-	-	-	-	-	-	-	14
15			-	-	-	-	-	-	-	-	-	-	-	-	-	15
16			-	-	-	-	-	-	-	-	-	-	-	-	-	16
17			-	-	-	-	-	-	-	-	-	-	-	-	-	17
18			-	-	-	-	-	-	-	-	-	-	-	-	-	18
19			-	-	-	-	-	-	-	-	-	-	-	-	-	19

<sup>a</sup> Other Participating Transmission Owner (PTO) Related (Credits)/Charges include CAISO charge codes 1592, 7989, 7999, 8526, 8989, and 8999. The segregation of these charges 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 \$654,047.45 under CAISO Charge Code 8526 in September, 2022, and this was recorded in the TRBA. Of this amount, \$526,832.08 is associated with the High Voltage Transmission Revenue Requirement and \$127,215.37 is associated with the Low Voltage Transmission Revenue Requirement.

High Voltage	\$ (526,832.08)	\$ (526,832.08)
Low Voltage	\$ (127,215.37)	\$ (127,215.37)
<b>Total</b>	<b>\$ (654,047.45)</b>	<b>\$ (654,047.45)</b>