

San Diego Gas & Electric Company
2024 TRBAA Rate Filing

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

ER24-____ - ____

**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

ER24-____ - ____

Statement BD
San Diego Gas & Electric Company
2024 - 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	Sale for Resale (City of Escondido) ¹	Retail Energy Sales @ Meter Level Net of Sale for Resale		
1	Oct-22	1,698,798,204	8,826	1,698,789,378	Workpaper No. 1; Page 1.1; Lines 30; 29	1
2	Nov-22	1,403,367,947	8,442	1,403,359,505	Workpaper No. 1; Page 1.1; Lines 30; 29	2
3	Dec-22	1,377,452,931	5,279	1,377,447,652	Workpaper No. 1; Page 1.1; Lines 30; 29	3
4	Jan-23	1,605,536,619	5,321	1,605,531,298	Workpaper No. 1; Page 1.1; Lines 30; 29	4
5	Feb-23	1,264,920,570	(94,253)	1,265,014,823	Workpaper No. 1; Page 1.1; Lines 30; 29	5
6	Mar-23	1,458,613,555	105,115	1,458,508,440	Workpaper No. 1; Page 1.1; Lines 30; 29	6
7	Apr-23	1,158,465,079	5,013	1,158,460,066	Workpaper No. 1; Page 1.1; Lines 30; 29	7
8	May-23	1,199,047,869	-	1,199,047,869	Workpaper No. 1; Page 1.1; Lines 30; 29	8
9	Jun-23	1,411,963,759	13,890	1,411,949,869	Workpaper No. 1; Page 1.1; Lines 30; 29	9
10	Jul-23	1,242,490,673	7,744	1,242,482,929	Workpaper No. 1; Page 1.1; Lines 30; 29	10
11	Aug-23	1,742,235,718	9,613	1,742,226,105	Workpaper No. 1; Page 1.1; Lines 30; 29	11
12	Sep-23	1,563,753,003	9,635	1,563,743,368	Workpaper No. 1; Page 1.1; Lines 30; 29	12
13						13
14						14
15	Total	17,126,645,927	84,625	17,126,561,302	Sum Lines 1 thru 12	15

¹ 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
2024 - 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	Sale for Resale (City of Escondido) ¹	Retail Energy Sales @ Meter Level Net of Sale for Resale		
1	Jan-24	1,561,645,712	7,725	1,561,637,987	Workpaper No. 1; Page 1.2; Lines 30; 29	1
2	Feb-24	1,430,496,986	7,725	1,430,489,261	Workpaper No. 1; Page 1.2; Lines 30; 29	2
3	Mar-24	1,353,352,280	7,725	1,353,344,555	Workpaper No. 1; Page 1.2; Lines 30; 29	3
4	Apr-24	1,347,287,249	7,725	1,347,279,524	Workpaper No. 1; Page 1.2; Lines 30; 29	4
5	May-24	1,329,797,185	7,725	1,329,789,460	Workpaper No. 1; Page 1.2; Lines 30; 29	5
6	Jun-24	1,437,960,999	7,725	1,437,953,274	Workpaper No. 1; Page 1.2; Lines 30; 29	6
7	Jul-24	1,638,939,220	7,725	1,638,931,495	Workpaper No. 1; Page 1.2; Lines 30; 29	7
8	Aug-24	1,774,799,924	7,725	1,774,792,199	Workpaper No. 1; Page 1.2; Lines 30; 29	8
9	Sep-24	1,830,721,269	7,725	1,830,713,544	Workpaper No. 1; Page 1.2; Lines 30; 29	9
10	Oct-24	1,605,278,442	7,725	1,605,270,718	Workpaper No. 1; Page 1.2; Lines 30; 29	10
11	Nov-24	1,478,036,334	7,725	1,478,028,610	Workpaper No. 1; Page 1.2; Lines 30; 29	11
12	Dec-24	1,502,220,815	7,725	1,502,213,091	Workpaper No. 1; Page 1.2; Lines 30; 29	12
13						13
14						14
15	Total	18,290,536,416	92,698	18,290,443,718	Sum Lines 1 thru 12	15

¹ 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
2024 - TRBAA Rate Filing
January 2024 - December 2024 ¹
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-24	1,561,646	8	1,561,638	1,626,290	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	1
2	Feb-24	1,430,497	8	1,430,489	1,489,712	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	2
3	Mar-24	1,353,352	8	1,353,345	1,409,373	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	3
4	Apr-24	1,347,287	8	1,347,280	1,403,057	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	4
5	May-24	1,329,797	8	1,329,789	1,384,843	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	5
6	Jun-24	1,437,961	8	1,437,953	1,497,485	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	6
7	Jul-24	1,638,939	8	1,638,931	1,706,783	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	7
8	Aug-24	1,774,800	8	1,774,792	1,848,269	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	8
9	Sep-24	1,830,721	8	1,830,714	1,906,505	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	9
10	Oct-24	1,605,278	8	1,605,271	1,671,729	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	10
11	Nov-24	1,478,036	8	1,478,029	1,539,219	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	11
12	Dec-24	1,502,221	8	1,502,213	1,564,405	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	12
13							13
14	Total	18,290,536	93	18,290,444	19,047,668	Sum Lines 1 thru 12	14
15							15
16	Retail Sales Forecast @ Meter Level			18,290,444		Col. C; Line 14	16
17							17
18							18
19	Transmission Loss Factor ²	36,158,315	37,655,119	1.0414		Column B / Column A	19
20							20
21							21
22	Retail Sales Forecast @ Transmission Level				19,047,668	Col. D; Line 14	22
23							23
24	Lake Hodges Pumped Storage Facilities ³				39,981	Statement BD WP; Page 4 of 5	24
25							25
26	Pumped Storage True Up Adjustment ⁴				(44,973)	Statement BD WP; Page 5 of 5	26
27							27
28	Total Gross Load Forecast				19,042,676	Sum Lines 22 thru 26	28

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

² Per Cost Statement BB; Page 1; Line 24 of SDG&E's TO5-Cycle 6 Annual Informational Filing.
The 1.0414 factor is used to convert the retail sales forecast at meter level up to the transmission level.

³ 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.

⁴ 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 2024 - December 2024
MWH SALES FORECAST @ Transmission Level

2024 (MWh)	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Olivenhain-Lake Hodges Pumping Load	6,153	7,103	6,803	6,704	10,026	429	5	10	13	2,269	16	17	39,548

Primary Level Distribution Loss Factor 1.0109

Total Lake Hodges Pumping Load 39,981

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, 2022

Line No.	Description	Amount	Reference	Line No.
1	Pumped Storage Facility - Actual Load	39,548	SDG&E Records	1
2	Pumped Storage Facility - Forecast Load	<u>84,035</u>	SDG&E Records	2
3	Difference	(44,486)	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 ¹	(44,973)	Line 3 x Line 4	5

¹ 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

ER24-____ - ____

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, 2024

Line No.	Customer Classes	(A)	(B)	(C) = (A) - (B)	(D) = (C) / (B)	Reference	Line No.
		(Statement BG) 2024 TRBAA Revenues @ Changed Rates	(Statement BH) 2024 TRBAA Revenues @ Present Rates ¹	(\$ Change	(%) Change		
1	Residential Customers	\$ (17,510,973)	\$ (14,663,168)	\$ (2,847,805)	19.42%	Statement BG; Page 2 of 4; Line 14	1
2						Statement BH; Page 1 of 3; Line 14	2
3	Small Commercial Customers	(6,541,413)	(5,477,585)	(1,063,828)	19.42%	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	(27,582,051)	(23,096,389)	(4,485,662)	19.42%	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)	(346,113)	(289,825)	(56,288)	19.42%	Statement BG; Page 2 of 4; Line 20	7
8						Statement BH; Page 1 of 3; Line 20	8
9	Agriculture (PA-T-1)	(641,408)	(537,096)	(104,312)	19.42%	Statement BG; Page 2 of 4; Line 22	9
10						Statement BH; Page 1 of 3; Line 22	10
11	Street Lighting Customers	(224,136)	(187,684)	(36,451)	19.42%	Statement BG; Page 2 of 4; Line 24	11
12						Statement BH; Page 1 of 3; Line 24	12
13							13
14	Grand Total	\$ (52,846,094)	\$ (44,251,747)	\$ (8,594,348)	19.42%	Sum Lines 1 through 11	14

¹ Present Rates are defined as rates effective pursuant to ER23-257.

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, 2024

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 ¹	\$ (1,736,763)	\$ (1,448,531)	\$ (1,289,756)	\$ (1,134,210)	\$ (1,089,820)	\$ (1,204,444)		1
2									2
3	Small Commercial ²	(524,622)	(507,749)	(494,590)	(499,611)	(495,227)	(530,103)		3
4									4
5	Medium and Large Commercial/Industrial ³	(2,172,100)	(2,088,814)	(2,042,595)	(2,164,776)	(2,155,658)	(2,310,529)		5
6									6
7	Agriculture (PA and TOU-PA) ⁴	(17,171)	(23,841)	(21,070)	(24,279)	(30,829)	(33,832)		7
8									8
9	Agriculture (PA-T-1) ⁵	(42,096)	(44,462)	(42,272)	(48,672)	(52,747)	(57,229)		9
10									10
11	Street Lighting ⁶	(18,660)	(18,623)	(18,781)	(20,028)	(18,327)	(18,391)		11
12									12
13	TOTAL	\$ (4,511,412)	\$ (4,132,020)	\$ (3,909,064)	\$ (3,891,577)	\$ (3,842,607)	\$ (4,154,529)		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 ¹	\$ (1,519,147)	\$ (1,793,617)	\$ (1,896,726)	\$ (1,518,319)	\$ (1,343,210)	\$ (1,536,431)	\$ (17,510,973)	14
15									15
16	Small Commercial ²	(587,243)	(618,130)	(641,479)	(579,367)	(536,305)	(526,987)	\$ (6,541,413)	16
17									17
18	Medium and Large Commercial/Industrial ³	(2,510,318)	(2,598,585)	(2,630,955)	(2,430,975)	(2,292,775)	(2,183,971)	\$ (27,582,051)	18
19									19
20	Agriculture (PA and TOU-PA) ⁴	(36,426)	(37,554)	(38,261)	(33,134)	(25,339)	(24,376)	\$ (346,113)	20
21									21
22	Agriculture (PA-T-1) ⁵	(64,766)	(63,165)	(64,422)	(58,047)	(54,495)	(49,036)	\$ (641,408)	22
23									23
24	Street Lighting ⁶	(18,612)	(18,099)	(18,837)	(18,443)	(18,569)	(18,765)	\$ (224,136)	24
25									25
26	TOTAL	\$ (4,736,512)	\$ (5,129,149)	\$ (5,290,680)	\$ (4,638,284)	\$ (4,270,693)	\$ (4,339,567)	\$ (52,846,094)	26

¹ See Stmt BG pages 3 of 4 and 4 of 4, Line 23.

² See Stmt BG pages 3 of 4 and 4 of 4, Line 25.

³ See Stmt BG pages 3 of 4 and 4 of 4, Line 27.

⁴ See Stmt BG pages 3 of 4 and 4 of 4, Line 29.

⁵ See Stmt BG pages 3 of 4 and 4 of 4, Line 31.

⁶ 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, 2024

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	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)	Reference	
1	Residential Customers	600,956,182	501,221,888	446,282,371	392,460,314	377,100,204	416,762,794	Workpaper No. 1; Page 1.2; Line 23	1
2									2
3	Small Commercial	181,530,131	175,691,811	171,138,423	172,875,750	171,358,770	183,426,787	Workpaper No. 1; Page 1.2; Line 24	3
4									4
5	Medium and Large Commercial/Industrial	751,591,533	722,773,008	706,780,235	749,057,481	745,902,535	799,490,964	Workpaper No. 1; Page 1.2; Line 25	5
6									6
7	Agriculture (PA and TOU-PA)	5,941,638	8,249,351	7,290,739	8,401,104	10,667,586	11,706,634	Workpaper No. 1; Page 1.2; Line 26	7
8									8
9	Agriculture (PA-T-1)	14,566,081	15,384,762	14,626,906	16,841,653	18,251,445	19,802,348	Workpaper No. 1; Page 1.2; Line 27	9
10									10
11	Street Lighting	6,456,705	6,444,013	6,498,476	6,930,078	6,341,425	6,363,748	Workpaper No. 1; Page 1.2; Line 28	11
12									12
13	TOTAL	1,561,042,271	1,429,764,833	1,352,617,151	1,346,566,380	1,329,621,964	1,437,553,274	Sum Lines 1 thru 11	13
14									14
15									15
16		\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)		16
17									17
18	Retail TRBAA Rate (\$/kWh) @ Changed Rate	\$ (0.00289)	\$ (0.00289)	\$ (0.00289)	\$ (0.00289)	\$ (0.00289)	\$ (0.00289)	Statement BL (Retail); Page 1; Line 27	18
19									19
20									20
21		Revenues @ Changed Rates	Revenues @ Changed Rates	Revenues @ Changed Rates	Revenues @ Changed Rates	Revenues @ Changed Rates	Revenues @ Changed Rates		21
22									22
23	Residential Customers	\$ (1,736,763)	\$ (1,448,531)	\$ (1,289,756)	\$ (1,134,210)	\$ (1,089,820)	\$ (1,204,444)	Line 1 x Line 18	23
24									24
25	Small Commercial	(524,622)	(507,749)	(494,590)	(499,611)	(495,227)	(530,103)	Line 3 x Line 18	25
26									26
27	Medium and Large Commercial/Industrial	(2,172,100)	(2,088,814)	(2,042,595)	(2,164,776)	(2,155,658)	(2,310,529)	Line 5 x Line 18	27
28									28
29	Agriculture (PA and TOU-PA)	(17,171)	(23,841)	(21,070)	(24,279)	(30,829)	(33,832)	Line 7 x Line 18	29
30									30
31	Agriculture (PA-T-1)	(42,096)	(44,462)	(42,272)	(48,672)	(52,747)	(57,229)	Line 9 x Line 18	31
32									32
33	Street Lighting	(18,660)	(18,623)	(18,781)	(20,028)	(18,327)	(18,391)	Line 11 x Line 18	33
34									34
35	TOTAL	\$ (4,511,412)	\$ (4,132,020)	\$ (3,909,064)	\$ (3,891,577)	\$ (3,842,607)	\$ (4,154,529)	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, 2024

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	525,656,343	620,628,555	656,306,605	525,369,759	464,778,383	531,636,880	6,059,160,276	Workpaper No. 1; Page 1.2; Line 23	1
2										2
3	Small Commercial	203,198,304	213,885,654	221,965,118	200,473,013	185,572,672	182,348,363	2,263,464,797	Workpaper No. 1; Page 1.2; Line 24	3
4										4
5	Medium and Large Commercial/Industrial	868,622,185	899,164,504	910,364,934	841,167,652	793,347,755	755,699,481	9,543,962,266	Workpaper No. 1; Page 1.2; Line 25	5
6										6
7	Agriculture (PA and TOU-PA)	12,604,148	12,994,442	13,239,169	11,464,926	8,767,886	8,434,773	119,762,397	Workpaper No. 1; Page 1.2; Line 26	7
8										8
9	Agriculture (PA-T-1)	22,410,225	21,856,569	22,291,279	20,085,383	18,856,390	16,967,495	221,940,537	Workpaper No. 1; Page 1.2; Line 27	9
10										10
11	Street Lighting	6,440,289	6,262,476	6,518,034	6,381,736	6,425,383	6,493,207	77,555,572	Workpaper No. 1; Page 1.2; Line 28	11
12										12
13	TOTAL	1,638,931,495	1,774,792,199	1,830,685,140	1,604,942,470	1,477,748,470	1,501,580,199	18,285,845,846	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	\$ (0.00289)	\$ (0.00289)	\$ (0.00289)	\$ (0.00289)	\$ (0.00289)	\$ (0.00289)		Statement BL (Retail); Page 1; Line 27	17
18										18
19										19
20										20
21		Revenues @ Changed Rates	Revenues @ Changed Rates	Revenues @ Changed Rates	Revenues @ Changed Rates	Revenues @ Changed Rates	Revenues @ Changed Rates	Revenues @ Changed Rates		21
22	Residential Customers	\$ (1,519,147)	\$ (1,793,617)	\$ (1,896,726)	\$ (1,518,319)	\$ (1,343,210)	\$ (1,536,431)	\$ (17,510,973)	Line 1 x Line 18	22
23										23
24	Small Commercial	(587,243)	(618,130)	(641,479)	(579,367)	(536,305)	(526,987)	(6,541,413)	Line 3 x Line 18	24
25										25
26	Medium and Large Commercial/Industrial	(2,510,318)	(2,598,585)	(2,630,955)	(2,430,975)	(2,292,775)	(2,183,971)	(27,582,051)	Line 5 x Line 18	26
27										27
28	Agriculture (PA and TOU-PA)	(36,426)	(37,554)	(38,261)	(33,134)	(25,339)	(24,376)	(346,113)	Line 7 x Line 18	28
29										29
30	Agriculture (PA-T-1)	(64,766)	(63,165)	(64,422)	(58,047)	(54,495)	(49,036)	(641,408)	Line 9 x Line 18	30
31										31
32	Street Lighting	(18,612)	(18,099)	(18,837)	(18,443)	(18,569)	(18,765)	(224,136)	Line 11 x Line 18	32
33										33
34	TOTAL	\$ (4,736,512)	\$ (5,129,149)	\$ (5,290,680)	\$ (4,638,284)	\$ (4,270,693)	\$ (4,339,567)	\$ (52,846,094)	Sum Lines 23 through 33	34
35										35

San Diego Gas & Electric Company

C. Statement BH - Revenue Data to Reflect Present Rates

ER24-____ - ____

Statement BH
SAN DIEGO GAS & ELECTRIC COMPANY
Transmission Revenue Balancing Account Adjustment (TRBAA) Revenue Data To Reflect Present Rates per ER23-257
Rate Effective Period - Twelve Months Ending December 31, 2024

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 ¹	\$ (1,454,314)	\$ (1,212,957)	\$ (1,080,003)	\$ (949,754)	\$ (912,582)	\$ (1,008,566)		1
2									2
3	Small Commercial ²	(439,303)	(425,174)	(414,155)	(418,359)	(414,688)	(443,893)		3
4									4
5	Medium and Large Commercial/Industrial ³	(1,818,852)	(1,749,111)	(1,710,408)	(1,812,719)	(1,805,084)	(1,934,768)		5
6									6
7	Agriculture (PA and TOU-PA) ⁴	(14,379)	(19,963)	(17,644)	(20,331)	(25,816)	(28,330)		7
8									8
9	Agriculture (PA-T-1) ⁵	(35,250)	(37,231)	(35,397)	(40,757)	(44,168)	(47,922)		9
10									10
11	Street Lighting ⁶	(15,625)	(15,595)	(15,726)	(16,771)	(15,346)	(15,400)		11
12									12
13	TOTAL	\$ (3,777,722)	\$ (3,460,031)	\$ (3,273,334)	\$ (3,258,691)	\$ (3,217,685)	\$ (3,478,879)		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 ¹	\$ (1,272,088)	\$ (1,501,921)	\$ (1,588,262)	\$ (1,271,395)	\$ (1,124,764)	\$ (1,286,561)	\$ (14,663,168)	14
15									15
16	Small Commercial ²	(491,740)	(517,603)	(537,156)	(485,145)	(449,086)	(441,283)	\$ (5,477,585)	16
17									17
18	Medium and Large Commercial/Industrial ³	(2,102,066)	(2,175,978)	(2,203,083)	(2,035,626)	(1,919,902)	(1,828,793)	\$ (23,096,389)	18
19									19
20	Agriculture (PA and TOU-PA) ⁴	(30,502)	(31,447)	(32,039)	(27,745)	(21,218)	(20,412)	\$ (289,825)	20
21									21
22	Agriculture (PA-T-1) ⁵	(54,233)	(52,893)	(53,945)	(48,607)	(45,632)	(41,061)	\$ (537,096)	22
23									23
24	Street Lighting ⁶	(15,586)	(15,155)	(15,774)	(15,444)	(15,549)	(15,714)	\$ (187,684)	24
25									25
26	TOTAL	\$ (3,966,214)	\$ (4,294,997)	\$ (4,430,258)	\$ (3,883,961)	\$ (3,576,151)	\$ (3,633,824)	\$ (44,251,747)	26

¹ See Stmt BH pages 2 of 3 and 3 of 3, Line 23.

² See Stmt BH pages 2 of 3 and 3 of 3, Line 25.

³ See Stmt BH pages 2 of 3 and 3 of 3, Line 27.

⁴ See Stmt BH pages 2 of 3 and 3 of 3, Line 29.

⁵ See Stmt BH pages 2 of 3 and 3 of 3, Line 31.

⁶ 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 ER23-257
Rate Effective Period - Twelve Months Ending December 31, 2024

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(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	600,956,182	501,221,888	446,282,371	392,460,314	377,100,204	416,762,794	Workpaper No. 1; Page 1.2; Line 23 Workpaper No. 1; Page 1.2; Line 24 Workpaper No. 1; Page 1.2; Line 25 Workpaper No. 1; Page 1.2; Line 26 Workpaper No. 1; Page 1.2; Line 27 Workpaper No. 1; Page 1.2; Line 28 Sum Lines 1 thru 11	1
2									2
3	Small Commercial	181,530,131	175,691,811	171,138,423	172,875,750	171,358,770	183,426,787		3
4									4
5	Medium and Large Commercial/Industrial	751,591,533	722,773,008	706,780,235	749,057,481	745,902,535	799,490,964		5
6									6
7	Agriculture (PA and TOU-PA)	5,941,638	8,249,351	7,290,739	8,401,104	10,667,586	11,706,634		7
8									8
9	Agriculture (PA-T-1)	14,566,081	15,384,762	14,626,906	16,841,653	18,251,445	19,802,348		9
10									10
11	Street Lighting	6,456,705	6,444,013	6,498,476	6,930,078	6,341,425	6,363,748		11
12									12
13	TOTAL	1,561,042,271	1,429,764,833	1,352,617,151	1,346,566,380	1,329,621,964	1,437,553,274		13
14									14
15									15
16		\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)		16
17								Statement BL (Retail); Page 1; Line 27 FERC Docket No. ER23-257-000	17
18	Retail TRBAA Rate (\$/kWh) @ Present Rate	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)		18
19									19
20									20
21		TRBAA @ Present Rates	TRBAA @ Present Rates	TRBAA @ Present Rates	TRBAA @ Present Rates	TRBAA @ Present Rates	TRBAA @ Present Rates		21
22								Line 1 x Line 18 Line 3 x Line 18 Line 5 x Line 18 Line 7 x Line 18 Line 9 x Line 18 Line 11 x Line 18 Sum Lines 23 through 33	22
23	Residential Customers	\$ (1,454,314)	\$ (1,212,957)	\$ (1,080,003)	\$ (949,754)	\$ (912,582)	\$ (1,008,566)		23
24									24
25	Small Commercial	(439,303)	(425,174)	(414,155)	(418,359)	(414,688)	(443,893)		25
26									26
27	Medium and Large Commercial/Industrial	(1,818,852)	(1,749,111)	(1,710,408)	(1,812,719)	(1,805,084)	(1,934,768)		27
28									28
29	Agriculture (PA and TOU-PA)	(14,379)	(19,963)	(17,644)	(20,331)	(25,816)	(28,330)		29
30									30
31	Agriculture (PA-T-1)	(35,250)	(37,231)	(35,397)	(40,757)	(44,168)	(47,922)		31
32									32
33	Street Lighting	(15,625)	(15,595)	(15,726)	(16,771)	(15,346)	(15,400)	33	
34								34	
35	TOTAL	\$ (3,777,722)	\$ (3,460,031)	\$ (3,273,334)	\$ (3,258,691)	\$ (3,217,685)	\$ (3,478,879)	35	

Statement BH
SAN DIEGO GAS AND ELECTRIC COMPANY
Transmission Revenue Balancing Account Adjustment (TRBAA) Revenue Data To Reflect Present Rates per ER23-257
Rate Effective Period - Twelve Months Ending December 31, 2024

Line No.	Customer Classes	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(M)	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	525,656,343	620,628,555	656,306,605	525,369,759	464,778,383	531,636,880	6,059,160,276	Workpaper No. 1; Page 1.2; Line 23	1
2										2
3	Small Commercial	203,198,304	213,885,654	221,965,118	200,473,013	185,572,672	182,348,363	2,263,464,797	Workpaper No. 1; Page 1.2; Line 24	3
4										4
5	Medium and Large Commercial/Industrial	868,622,185	899,164,504	910,364,934	841,167,652	793,347,755	755,699,481	9,543,962,266	Workpaper No. 1; Page 1.2; Line 25	5
6										6
7	Agriculture (PA and TOU-PA)	12,604,148	12,994,442	13,239,169	11,464,926	8,767,886	8,434,773	119,762,397	Workpaper No. 1; Page 1.2; Line 26	7
8										8
9	Agriculture (PA-T-1)	22,410,225	21,856,569	22,291,279	20,085,383	18,856,390	16,967,495	221,940,537	Workpaper No. 1; Page 1.2; Line 27	9
10										10
11	Street Lighting	6,440,289	6,262,476	6,518,034	6,381,736	6,425,383	6,493,207	77,555,572	Workpaper No. 1; Page 1.2; Line 28	11
12										12
13	TOTAL	1,638,931,495	1,774,792,199	1,830,685,140	1,604,942,470	1,477,748,470	1,501,580,199	18,285,845,846	Sum Lines 1 thru 11	13
14										14
15										15
16		\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)			16
17	Retail TRBAA Rate (\$/kWh) @ Present Rate	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)		Statement BL (Retail); Page 1; Line 27	17
18									FERC Docket No. ER23-257-000	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	\$ (1,272,088)	\$ (1,501,921)	\$ (1,588,262)	\$ (1,271,395)	\$ (1,124,764)	\$ (1,286,561)	\$ (14,663,168)	Line 1 x Line 18	22
23										23
24	Small Commercial	(491,740)	(517,603)	(537,156)	(485,145)	(449,086)	(441,283)	(5,477,585)	Line 3 x Line 18	24
25										25
26	Medium and Large Commercial/Industrial	(2,102,066)	(2,175,978)	(2,203,083)	(2,035,626)	(1,919,902)	(1,828,793)	(23,096,389)	Line 5 x Line 18	26
27										27
28	Agriculture (PA and TOU-PA)	(30,502)	(31,447)	(32,039)	(27,745)	(21,218)	(20,412)	(289,825)	Line 7 x Line 18	28
29										29
30	Agriculture (PA-T-1)	(54,233)	(52,893)	(53,945)	(48,607)	(45,632)	(41,061)	(537,096)	Line 9 x Line 18	30
31										31
32	Street Lighting	(15,586)	(15,155)	(15,774)	(15,444)	(15,549)	(15,714)	(187,684)	Line 11 x Line 18	32
33										33
34	TOTAL	\$ (3,966,214)	\$ (4,294,997)	\$ (4,430,258)	\$ (3,883,961)	\$ (3,576,151)	\$ (3,633,824)	\$ (44,251,747)	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)

ER24-____ - ____

Statement BK-1
San Diego Gas & Electric Company
2024 - 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 @ 9/30/2023	\$ (13,199,641)	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	(36,715,216)	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	2,121,801	Work paper No. 9; Page 9.1; Line 27	9
10				10
11	Other PTO Related Revenue (Credits)/Charges	(1,130,027)	Work paper No. 11; Page 11.1; Line 27	11
12				12
13	Total Transmission Revenue Credits Forecast	\$ (35,705,442)	Sum {Line 5 thru Line 11}	13
14				14
15	Total TRBAA Before Franchise Fees and Uncollectibles	\$ (48,905,083)	Line 1 + Line 13	15
16				16
17	Franchise Fees Expense @ 1.0207%	(499,174)	Line 15 x 1.0207%	17
18				18
19	Uncollectibles @ 0.205%	(100,255)	Line 15 x 0.205%	19
20				20
21	Total Franchise Fees and Uncollectible	(599,429)	Line 17 + Line 19	21
22				22
23	Total Retail TRBAA Forecast Including FF&U	\$ (49,504,512)	Line 15 + Line 21	23

San Diego Gas & Electric Company

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

ER24-____ - ____

Statement BK-2
San Diego Gas & Electric Company
2024 - 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 Transmission Revenue Requirements		
1	Wholesale Base Transmission Revenue Requirement ¹	\$ 493,123,808	\$ 519,226,767	\$ 1,012,350,575	See Note 1	1
2						2
3	Beginning TRBAA Balance @ 9/30/2023	(13,417,320)	217,679	(13,199,641)	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	(36,715,216)	-	(36,715,216)	Work paper No. 6; Page 6.1; Line 19	7
8						8
9	Settlements, Metering and Client Relations	8,845	9,155	18,000	Work paper No. 6; Page 6.1; Line 26	9
10						10
11	ETC Cost Differentials	1,042,653	1,079,148	2,121,801	Work paper No. 6; Page 6.1; Line 32	11
12						12
13	Other PTO Related Revenue (Credits)/Charges	(630,552)	(499,475)	(1,130,027)	Work paper No. 6; Page 6.1; Line 42	13
14						14
15	Total Transmission Revenue Credits Forecast	(36,294,270)	588,828	(35,705,442)	Sum {Line 7 through Line 13}	15
16						16
17	Total Wholesale TRBAA Before Franchise Fees	(49,711,590)	806,507	(48,905,083)	Line 3 + Line 15	17
18						18
19	Franchise Fees Expense @ 1.0207%	(507,406)	8,232	(499,174)	Line 17 x 1.0207%	19
20						20
21	Total Wholesale TRBAA Forecast Including Franchise Fees	(50,218,996)	814,739	(49,404,257)	Line 17 + Line 19	21
22						22
23	Transmission Standby Revenues ²	(7,768,634)	(8,179,858)	(15,948,492)	Work paper No. 3; Page 3.1; Line 7	23
24						24
25	Wholesale Transmission Revenue Requirement	\$ 435,136,178	\$ 511,861,648	\$ 946,997,826	Line 1 + Line 21 + Line 23	25

¹ Wholesale Base TRR information comes from Cost Statement BK-2 of SDG&E's TO5 Cycle 6 Annual Informational Filing.

² Standby Revenue amount of \$15,948,492, from Cost Statement BG; Page 1; Column A; Line 26, of SDG&E's TO5 Cycle 6 Annual Informational Filing.

San Diego Gas & Electric Company

F. Statement – BL Retail TRBAA Rate Calculation

ER24-____ - ____

Statement BL
San Diego Gas & Electric Company
2024 - TRBAA Rate Filing
Retail TRBAA Rate Calculation

Line No.	Components	Total Retail - TRBAA	Reference	Line No.
1	Beginning TRBAA Balance @ 9/30/2023	\$ (13,199,641)	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	(36,715,216)	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	2,121,801	Work paper No. 9; Page 9.1; Line 27	9
10				10
11	Other PTO Related Revenue (Credits)/Charges	(1,130,027)	Work paper No. 11; Page 11.1; Line 27	11
12				12
13	Total Transmission Revenue Credits Forecast	(35,705,442)	Sum {Line 5 through Line 11}	13
14				14
15	Total TRBAA Before Franchise Fees and Uncollectibles	\$ (48,905,083)	Line 1 + Line 13	15
16				16
17	Franchise Fees Expense @ 1.0207%	(499,174)	Line 15 x 1.0207%	17
18				18
19	Uncollectibles @ 0.205%	(100,255)	Line 15 x 0.205%	19
20				20
21	Total Franchise Fees and Uncollectible	(599,429)	Line 17 + Line 19	21
22				22
23	Total Retail TRBAA Forecast Including FF&U	\$ (49,504,512)	Line 15 + Line 21	23
24				24
25	12 Months kWh Ending September 30, 2023	17,126,561,302	Statement BD; Pg. 1 of 5; Col. C; Ln. 15	25
26				26
27	Retail TRBAA Rate (\$/kWh)	\$ (0.00289)	Line 23 / Line 25	27

San Diego Gas & Electric Company

G. Statement – BL Wholesale TRBAA Rate Calculation

ER24-____ - ____

Statement BL
San Diego Gas & Electric Company
2024 - TRBAA Rate Filing
2024 - 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 ¹	\$ 493,123,808	\$ 519,226,767	\$ 1,012,350,575	See Note 1	1
2						2
3	Total Wholesale TRBAA ²	\$ (50,218,996)	\$ 814,739	\$ (49,404,257)	Statement BK-2; Page 1; Line 21	3
4						4
5	Transmission Standby Revenue ³	\$ (7,768,634)	\$ (8,179,858)	\$ (15,948,492)	See Note 3	5
6						6
7	Wholesale Transmission Revenue Requirements	\$ 435,136,178	\$ 511,861,648	\$ 946,997,826	Sum (Lines 1, 3, & 5)	7
8						8
9	Gross Load - MWh	\$ 19,042,676	\$ 19,042,676	\$ 19,042,676	Statement BD; Page 1 of 5; Line 28; Col. D	9
10						10
11	Utility Specific Access Charges (\$/MWh)	\$ 22.8506	\$ 26.8797	\$ 49.7303	Line 7 / Line 9	11

NOTES:

- ¹ Wholesale Base TRR information comes from Cost Statement BK-2 of SDG&E's TO5 Cycle 6 Annual Informational Filing.
- ² The Wholesale TRBAA amount comes from the instant filing, in Statement BK-2; Page 1; Line 21
- ³ Standby Revenue amount of \$15,948,492, from Cost Statement BG; Page 1; Column A; Line 26, of SDG&E's TO5 Cycle 6 Annual Informational Filing.

San Diego Gas & Electric Company

H. TRBAA Work Papers

ER24-____ - ____

Work Paper - 1
Recorded Sales and Forecast Sales
Information

San Diego Gas & Electric Co.														
Recorded Billing Determinants for the 12-Month Period: October 2022 - September 2023														
Line No.		Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Total
1	System Delivery Determinants													
2	Customer Class Deliveries (MWh)													
3	Residential	564,290	436,535	489,201	589,152	449,429	512,385	333,550	323,562	368,546	330,249	600,777	545,942	5,543,618
4	Small Commercial	218,980	188,793	189,221	189,482	173,420	208,487	167,965	186,148	199,187	192,630	250,032	222,304	2,386,649
5	Med. & Large Comm./Ind.	873,155	742,358	659,649	796,559	613,789	732,102	632,705	684,031	749,327	679,529	870,279	760,841	8,794,325
6	San Diego Unified Port District	328	280	633	596	724	727	931	258	111	126	48	40	4,804
7	Agriculture (PA)	14,714	23,202	24,012	8,083	6,942	6,153	5,509	8,806	12,035	11,713	15,221	13,662	150,052
8	Agriculture (PA-T-1)	21,709	6,521	5,544	16,559	14,604	(2,559)	8,048	5,631	57,712	24,259	(2,937)	14,618	169,710
9	Lighting	5,612	5,670	9,187	5,101	6,106	1,213	9,752	(9,389)	25,032	3,976	8,806	6,336	77,404
10	Sale for Resale	8.8	8.4	5.3	5.3	(94.3)	105.1	5.0	-	13.9	7.7	9.6	9.6	84.6
11	Total System	1,698,798	1,403,368	1,377,453	1,605,537	1,264,921	1,458,614	1,158,465	1,199,048	1,411,964	1,242,491	1,742,236	1,563,753	17,126,646
12														
13	Total System - EXCLUDING Sale for Resale	1,698,789	1,403,360	1,377,448	1,605,531	1,265,015	1,458,508	1,158,460	1,199,048	1,411,950	1,242,483	1,742,226	1,563,743	17,126,561
14														
15	INPUT FROM RECORDED SALES FILE:													
16	Medium & Large Details - Deliveries in MWh:													
17	Med & Large C/I (AD)	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Med & Large C/I (AL+AY+DGR)	873,155	742,358	659,649	796,559	613,789	732,102	632,705	684,031	749,327	679,529	870,279	760,841	8,794,325
19	Med & Large C/I (A6)	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Total	873,155	742,358	659,649	796,559	613,789	732,102	632,705	684,031	749,327	679,529	870,279	760,841	8,794,325
21														

San Diego Gas & Electric														
Recorded Billing Determinants for the 12-Month Period: October 2022 - September 2023														
Line No.		Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Total
22	System Delivery Determinants													
23	Customer Class Deliveries (kWh)													
24	Residential	564,290,319	436,534,773	489,201,401	589,151,786	449,429,092	512,385,336	333,549,822	323,562,357	368,545,927	330,249,053	600,776,674	545,941,709	5,543,618,249
25	Small Commercial	218,980,061	188,792,949	189,221,409	189,482,144	173,419,791	208,487,450	167,964,544	186,147,981	199,186,614	192,630,139	250,032,001	222,304,279	2,386,649,362
26	Med. & Large Comm./Ind.	873,155,189	742,357,562	659,648,884	796,558,810	613,788,898	732,101,544	632,705,400	684,031,297	749,327,193	679,529,497	870,279,143	760,841,160	8,794,324,577
27	San Diego Unified Port District	328,248	280,410	632,892	595,716	724,428	727,404	931,380	258,384	110,628	125,904	48,000	40,380	4,803,774
28	Agriculture (PA)	14,714,400	23,202,470	24,012,132	8,083,125	6,942,146	6,152,746	5,508,998	8,806,005	12,034,980	11,712,666	15,220,636	13,661,597	150,051,901
29	Agriculture (PA-T-1)	21,708,860	6,520,917	5,544,309	16,558,645	14,604,025	(2,558,701)	8,047,666	5,631,022	57,712,203	24,259,198	(2,936,678)	14,618,333	169,709,799
30	Lighting	5,612,301	5,670,424	9,186,625	5,101,072	6,106,443	1,212,661	9,752,256	(9,389,177)	25,032,324	3,976,472	8,806,329	6,335,910	77,403,640
31	Sale for Resale	8,826	8,442	5,279	5,321	(94,253)	105,115	5,013	-	13,890	7,744	9,613	9,635	84,625
32	Total System	1,698,798,204	1,403,367,947	1,377,452,931	1,605,536,619	1,264,920,570	1,458,613,555	1,158,465,079	1,199,047,869	1,411,963,759	1,242,490,673	1,742,235,718	1,563,753,003	17,126,645,927
33														
34	Total System - EXCLUDING Sale for Resale	1,698,789,378	1,403,359,505	1,377,447,652	1,605,531,298	1,265,014,823	1,458,508,440	1,158,460,066	1,199,047,869	1,411,949,869	1,242,482,929	1,742,226,105	1,563,743,368	17,126,561,302
35														
36	INPUT FROM RECORDED SALES FILE:													
37	Medium & Large Details - Deliveries in kWh:													
38	Med & Large C/I (AD)	-	-	-	-	-	-	-	-	-	-	-	-	-
39	Med & Large C/I (AL+AY+DGR)	873,155,189	742,357,562	659,648,884	796,558,810	613,788,898	732,101,544	632,705,400	684,031,297	749,327,193	679,529,497	870,279,143	760,841,160	8,794,324,577
40	Med & Large C/I (A6)	-	-	-	-	-	-	-	-	-	-	-	-	-
41	Total	873,155,189	742,357,562	659,648,884	796,558,810	613,788,898	732,101,544	632,705,400	684,031,297	749,327,193	679,529,497	870,279,143	760,841,160	8,794,324,577
42														

San Diego Gas & Electric Co.														Line	
Forecast Billing Determinants for the 12-Month Period: January 2024- December 2024														No.	
Line No.	System Delivery Determinants														
	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Total		
1	System Delivery Determinants													1	
2	Customer Class Deliveries (MWh)													2	
3	Residential	600,956	501,222	446,282	392,460	377,100	416,763	525,656	620,629	656,307	525,370	464,778	531,637	6,059,160	3
4	Small Commercial	181,530	175,692	171,138	172,876	171,359	183,427	203,198	213,886	221,965	200,473	185,573	182,348	2,263,465	4
5	Med. & Large Comm./Ind.	751,592	722,773	706,780	749,057	745,903	799,491	868,622	899,165	910,365	841,168	793,348	755,699	9,543,962	5
6	San Diego Unified Port District	596	724	727	713	167	400	-	-	28	328	280	633	4,598	6
7	Agriculture (PA)	5,942	8,249	7,291	8,401	10,668	11,707	12,604	12,994	13,239	11,465	8,768	8,435	119,762	7
8	Agriculture (PA-T-1)	14,566	15,385	14,627	16,842	18,251	19,802	22,410	21,857	22,291	20,085	18,856	16,967	221,941	8
9	Lighting	6,457	6,444	6,498	6,930	6,341	6,364	6,440	6,262	6,518	6,382	6,425	6,493	77,556	9
10	Sale for Resale	8	8	8	8	8	8	8	8	8	8	8	8	93	10
11	Total System	1,561,646	1,430,497	1,353,352	1,347,287	1,329,797	1,437,961	1,638,939	1,774,800	1,830,721	1,605,278	1,478,036	1,502,221	18,290,536	11
12															12
13	Total System - EXCLUDING Sale for Resale	1,561,638	1,430,489	1,353,345	1,347,280	1,329,789	1,437,953	1,638,931	1,774,792	1,830,714	1,605,271	1,478,029	1,502,213	18,290,444	13
14															14
15	INPUT FROM FORECAST INFORMATION:													15	
16	Medium & Large Details - Deliveries in MWh:													16	
17	Med & Large C/I (AD)	-	-	-	-	-	-	-	-	-	-	-	-	-	17
18	Med & Large C/I (AL+AY+DGR)	644,807	628,210	606,239	641,955	644,150	700,411	755,802	781,417	819,514	753,954	702,522	673,496	8,352,476	18
19	Med & Large C/I (A6)	106,785	94,563	100,541	107,103	101,753	99,080	112,820	117,748	90,851	87,214	90,826	82,203	1,191,487	19
20	Total	751,592	722,773	706,780	749,057	745,903	799,491	868,622	899,165	910,365	841,168	793,348	755,699	9,543,962	20
21															21

San Diego Gas & Electric														Line	
Forecast Billing Determinants for the 12-Month Period: January 2024- December 2024														No.	
Line No.	System Delivery Determinants														
	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Total		
22	System Delivery Determinants													22	
23	Customer Class Deliveries (kWh)													23	
24	Residential	600,956,182	501,221,888	446,282,371	392,460,314	377,100,204	416,762,794	525,656,343	620,628,555	656,306,605	525,369,759	464,778,383	531,636,880	6,059,160,276	24
25	Small Commercial	181,530,131	175,691,811	171,138,423	172,875,750	171,358,770	183,426,787	203,198,304	213,885,654	221,965,118	200,473,013	185,572,672	182,348,363	2,263,464,797	25
26	Med. & Large Comm./Ind.	751,591,533	722,773,008	706,780,235	749,057,481	745,902,535	799,490,964	868,622,185	899,164,504	910,364,934	841,167,652	793,347,755	755,699,481	9,543,962,266	26
27	San Diego Unified Port District	595,716	724,428	727,404	713,144	167,496	400,000	-	-	28,404.00	328,248.00	280,140.00	632,892.00	4,597,872	27
28	Agriculture (PA)	5,941,638	8,249,351	7,290,739	8,401,104	10,667,586	11,706,634	12,604,148	12,994,442	13,239,169	11,464,926	8,767,886	8,434,773	119,762,397	28
29	Agriculture (PA-T-1)	14,566,081	15,384,762	14,626,906	16,841,653	18,251,445	19,802,348	22,410,225	21,856,569	22,291,279	20,085,383	18,856,390	16,967,495	221,940,537	29
30	Lighting	6,456,705	6,444,013	6,498,476	6,930,078	6,341,425	6,363,748	6,440,289	6,262,476	6,518,034	6,381,736	6,425,383	6,493,207	77,555,572	30
31	Sale for Resale	7,725	7,725	7,725	7,725	7,725	7,725	7,725	7,725	7,725	7,725	7,725	7,725	92,698	31
32	Total System	1,561,645,712	1,430,496,986	1,353,352,280	1,347,287,249	1,329,797,185	1,437,960,999	1,638,939,220	1,774,799,924	1,830,721,269	1,605,278,442	1,478,036,334	1,502,220,815	18,290,536,416	32
33															33
34	Total System - EXCLUDING Sale for Resale	1,561,637,987	1,430,489,261	1,353,344,555	1,347,279,524	1,329,789,460	1,437,953,274	1,638,931,495	1,774,792,199	1,830,713,544	1,605,270,718	1,478,028,610	1,502,213,091	18,290,443,718	34
35															35
36	INPUT FROM FORECAST INFORMATION:													36	
37	Medium & Large Details - Deliveries in kWh:													37	
38	Med & Large C/I (AD)	-	-	-	-	-	-	-	-	-	-	-	-	-	38
39	Med & Large C/I (AL+AY+DGR)	644,807,000	628,209,564	606,239,110	641,954,722	644,149,659	700,411,380	755,801,862	781,416,783	819,513,911	753,953,725	702,521,717	673,496,144	8,352,475,579	39
40	Med & Large C/I (A6)	106,784,533	94,563,444	100,541,125	107,102,759	101,752,876	99,079,584	112,820,323	117,747,720	90,851,023	87,213,927	90,826,038	82,203,336	1,191,486,687	40
41	Total	751,591,533	722,773,008	706,780,235	749,057,481	745,902,535	799,490,964	868,622,185	899,164,504	910,364,934	841,167,652	793,347,755	755,699,481	9,543,962,266	41
42															42

Work Paper - 2
Allocation of TRBAA Balance
@ Sept. 30, 2023

San Diego Gas & Electric Company
2024 - 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 @ 9/30/2023	\$ (13,199,641)				Work paper No. 4; Page 4.4; Line 32	1
2							2
3	Forecast - Wheeling Revenues		(36,715,216)	-	(36,715,216)	Work paper No. 6; Page 6.1; Line 19	3
4							4
5	Forecast - Settlements, Metering and Client Relations		8,845	9,155	18,000	Work paper No. 6; Page 6.1; Line 26	5
6							6
7	Forecast - ETC Cost Differentials		1,042,653	1,079,148	2,121,801	Work paper No. 6; Page 6.1; Line 32	7
8							8
9	Forecast - Other PTO Related Revenue (Credits)/Charges		(630,552)	(499,475)	(1,130,027)	Work paper No. 6; Page 6.1; Line 42	9
10							10
11	Forecast 2024 - Net Transmission Revenue Credits	\$ (36,294,270)	\$ 588,828	\$ (35,705,442)		Sum Lines 3 through 9	11
12							12
13	Allocation Factors Based on Revenue Credit Forecast		101.65%	-1.65%	100.00%	Ratios Per Line 11	13
14							14
15	Allocation of Beginning TRBAA Balance ¹	\$ (13,417,320)	\$ 217,679	\$ (13,199,641)		Column (A) Line 1 x Line 13	15

¹ 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
2024 - TRBAA Rate Filing
Standby Revenues

Line No.	Components	(1)	(2)	(3) = (1) + (2)	Reference	Line No.
		High Voltage	Low Voltage	Combined TRR		
1	Total Standby Revenues			\$ (15,948,492)	See Note 1	1
2						2
3	TO5-Cycle 6 Informational Filing-Wholesale Base TRR	\$ 493,123,808	\$ 519,226,767	\$ 1,012,350,575	See Note 2	3
4						4
5	HV-LV Allocation Factors	48.71%	51.29%	100.00%	Ratios Based on Line 2	5
6						6
7	Total HV-LV Standby Revenue Credits	\$ (7,768,634)	\$ (8,179,858)	\$ (15,948,492)	Col. 3; Line 1 x Line 5 Ratios	7

¹ Standby Revenue amount of \$15,948,492, from Cost Statement BG; Page 1; Column A; Line 26, of SDG&E's TO5 Cycle 6 Annual Informational Filing.

² Wholesale Base TRR information comes from SDG&E's TO5 Cycle 6 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, 2023
2024 Annual TRBAA Rate Filing

Line No.	Description	October 2022	November 2022	December 2022	January 2023
1	Beginning Balance (Overcollection)/Undercollection	\$ (11,932,442)	\$ (13,074,936)	\$ (13,585,681)	\$ (13,047,214)
2					
3	TRBAA Refund				
4	Kwh (Excluding Sales for Resale).	1,698,789,378	1,403,359,505	1,377,447,652	1,605,531,298
5	TRBAA Rate	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	\$ (0.001860)
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (2,208,426)	\$ (1,824,367)	\$ (1,790,682)	\$ (2,986,288)
7	Franchise Fees & Uncollectible Expense Adjustment	(25,939)	(21,428)	(21,032)	(35,425)
8	TRBAA Refunds/Collections Excluding Uncollectibles	\$ (2,182,487)	\$ (1,802,939)	\$ (1,769,650)	\$ (2,950,863)
9					
10	PTO Related - ISO Charge Types:				
11	CT 384/ CT 382 - HV Wheeling Revenues Due TO/Due ISO (Net)	(3,234,866)	(2,097,227)	(1,113,676)	(873,322)
12	CT 4575 - Settlements, Metering, Client Relations	1,500	1,500	1,500	1,500
13	ETC Cost Differentials	(13,371)	(50,024)	4,263	5,433
14	Other PTO Related Revenue (Credits)/Charges	(25,838)	(114,718)	(67,457)	(156,756)
15	Sub-Total Monthly PTO Related Activity	\$ (3,272,575)	\$ (2,260,470)	\$ (1,175,370)	\$ (1,023,144)
16					
17	Other CAISO Adjustment	-	-	-	-
18	Sub-Total Adjustment	\$ -	\$ -	\$ -	\$ -
19	Total	\$ (3,272,575)	\$ (2,260,470)	\$ (1,175,370)	\$ (1,023,144)
20					
21	Net Monthly Activity (Net Refunds, Revenues, Expenses, & Adjustments)	\$ (1,090,088)	\$ (457,531)	\$ 594,280	\$ 1,927,719
22					
23	Interest Expense Calculations:				
24	Beginning Balance for Interest Calculation	\$ (11,932,442)	\$ (13,074,936)	\$ (13,585,681)	\$ (13,047,214)
25	Monthly Activity Included in Interest Calculation Basis	(545,044)	(228,765)	297,140	963,859
26	Basis for Interest Expense Calculation	(12,477,486)	(13,303,701)	(13,288,541)	(12,083,355)
27	Monthly Interest Rate	0.42000%	0.40000%	0.42000%	0.54000%
28	Interest Expense	\$ (52,405)	\$ (53,215)	\$ (55,812)	\$ (65,250)
29					
30	Other Adjustment (rounding)			(1)	1
31					
32	Ending Balance (Overcollection)/Undercollection	\$ (13,074,936)	\$ (13,585,681)	\$ (13,047,214)	\$ (11,184,745)
33					
34					
35	Franchise Fees & Uncollectible Adjustment:				
36	Franchise Fees Expense Rate	1.0275%	1.0275%	1.0275%	1.0275%
37	Uncollectible Expense Adjustment Rate	0.1610%	0.1610%	0.1610%	0.1730%
38	Combined FF&U Adjustment Rate	1.1885%	1.1885%	1.1885%	1.2005%

San Diego Gas Electric Co.
TRBAA Monthly Activities Applicable to BK1 and BK2
For the 12-Month Period Ending September 30, 2023
2024 Annual TRBAA Rate Filing

Line No.	Description	February 2023	March 2023	April 2023	May 2023
1	Beginning Balance (Overcollection)/Undercollection	\$ (11,184,745)	\$ (10,219,014)	\$ (7,827,513)	\$ (6,690,485)
2					
3	TRBAA Refund				
4	Kwh (Excluding Sales for Resale).	1,265,014,823	1,458,508,440	1,158,460,066	1,199,047,869
5	TRBAA Rate	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (3,061,336)	\$ (3,529,590)	\$ (2,803,473)	\$ (2,901,696)
7	Franchise Fees & Uncollectible Expense Adjustment	(36,315)	(41,870)	(33,256)	(34,422)
8	TRBAA Refunds/Collections Excluding Uncollectibles	\$ (3,025,021)	\$ (3,487,720)	\$ (2,770,217)	\$ (2,867,274)
9					
10	PTO Related - ISO Charge Types:				
11	CT 384/ CT 382 - HV Wheeling Revenues Due TO/Due ISO (Net)	(2,799,324)	(1,962,698)	(1,543,416)	(4,467,774)
12	CT 4575 - Settlements, Metering, Client Relations	1,500	1,500	1,500	1,500
13	ETC Cost Differentials	877,997	899,778	73,229	(17,000)
14	Other PTO Related Revenue (Credits)/Charges	(88,221)	13,800	(119,635)	(275,765)
15	Sub-Total Monthly PTO Related Activity	\$ (2,008,048)	\$ (1,047,619)	\$ (1,588,322)	\$ (4,759,039)
16					
17	Other CAISO Adjustment	-	-	-	-
18	Sub-Total Adjustment	\$ -	\$ -	\$ -	\$ -
19	Total	\$ (2,008,048)	\$ (1,047,619)	\$ (1,588,322)	\$ (4,759,039)
20					
21	Net Monthly Activity (Net Refunds, Revenues, Expenses, & Adjustments)	\$ 1,016,972	\$ 2,440,101	\$ 1,181,894	\$ (1,891,765)
22					
23	Interest Expense Calculations:				
24	Beginning Balance for Interest Calculation	\$ (11,184,745)	\$ (10,219,014)	\$ (7,827,513)	\$ (6,690,485)
25	Monthly Activity Included in Interest Calculation Basis	508,486	1,220,051	590,947	(945,882)
26	Basis for Interest Expense Calculation	(10,676,259)	(8,998,963)	(7,236,565)	(7,636,367)
27	Monthly Interest Rate	0.48000%	0.54000%	0.62000%	0.64000%
28	Interest Expense	\$ (51,246)	\$ (48,594)	\$ (44,867)	\$ (48,873)
29					
30	Other Adjustment (rounding)	\$ 5	\$ (6)		\$ 1
31					
32	Ending Balance (Overcollection)/Undercollection	\$ (10,219,014)	\$ (7,827,513)	\$ (6,690,485)	\$ (8,631,122)
33					
34					
35	<u>Franchise Fees & Uncollectible Adjustment:</u>				
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, 2023
2024 Annual TRBAA Rate Filing

Line No.	Description	June 2023	July 2023	August 2023	September 2023
1	Beginning Balance (Overcollection)/Undercollection	\$ (8,631,122)	\$ (8,833,810)	\$ (8,615,543)	\$ (11,922,398)
2					
3	TRBAA Refund				
4	Kwh (Excluding Sales for Resale).	1,411,949,869	1,242,482,929	1,742,226,105	1,563,743,368
5	TRBAA Rate	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)	\$ (0.00242)
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (3,416,919)	\$ (3,006,809)	\$ (4,216,187)	\$ (3,784,259)
7	Franchise Fees & Uncollectible Expense Adjustment	(40,534)	(35,669)	(50,015)	(44,891)
8	TRBAA Refunds/Collections Excluding Uncollectibles	\$ (3,376,385)	\$ (2,971,140)	\$ (4,166,172)	\$ (3,739,368)
9					
10	PTO Related - ISO Charge Types:				
11	CT 384/ CT 382 - HV Wheeling Revenues Due TO/Due ISO (Net)	(3,378,805)	(2,589,703)	(7,472,275)	(5,182,130)
12	CT 4575 - Settlements, Metering, Client Relations	1,500	1,500	1,500	1,500
13	ETC Cost Differentials	(24,736)	(89,894)	72,845	383,281
14	Other PTO Related Revenue (Credits)/Charges	(123,058)	(15,650)	(5,505)	(151,225)
15	Sub-Total Monthly PTO Related Activity	\$ (3,525,098)	\$ (2,693,746)	\$ (7,403,435)	\$ (4,948,574)
16					
17	Other CAISO Adjustment	-	-	-	-
18	Sub-Total Adjustment	\$ -	\$ -	\$ -	\$ -
19	Total	\$ (3,525,098)	\$ (2,693,746)	\$ (7,403,435)	\$ (4,948,574)
20					
21	Net Monthly Activity (Net Refunds, Revenues, Expenses, & Adjustments)	\$ (148,713)	\$ 277,394	\$ (3,237,263)	\$ (1,209,206)
22					
23	Interest Expense Calculations:				
24	Beginning Balance for Interest Calculation	\$ (8,631,122)	\$ (8,833,810)	\$ (8,615,543)	\$ (11,922,398)
25	Monthly Activity Included in Interest Calculation Basis	(74,357)	138,697	(1,618,632)	(604,603)
26	Basis for Interest Expense Calculation	(8,705,478)	(8,695,113)	(10,234,174)	(12,527,001)
27	Monthly Interest Rate	0.62000%	0.68000%	0.68000%	0.66000%
28	Interest Expense	\$ (53,974)	\$ (59,127)	\$ (69,592)	\$ (68,037)
29					
30	Other Adjustment (rounding)	(1)			
31					
32	Ending Balance (Overcollection)/Undercollection	\$ (8,833,810)	\$ (8,615,543)	\$ (11,922,398)	\$ (13,199,641)
33					
34					
35	<u>Franchise Fees & Uncollectible Adjustment:</u>				
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, 2023
2024 Annual TRBAA Rate Filing

Line No.	Description	Total	Reference	Line No.
1	Beginning Balance (Overcollection)/Undercollection	\$ (11,932,442)	Previous Month's Balance	1
2				2
3	TRBAA Refund			3
4	Kwh (Excluding Sales for Resale).	17,126,561,302	Work Paper No. 1; Page 1.1; Line 32 TRBAA Rates; ER22-258 (Oct - Dec 2022); ER23-257 (Jan - Sep 2023)	4
5	TRBAA Rate			5
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (35,530,033)	Line 4 x Line 5	6
7	Franchise Fees & Uncollectible Expense Adjustment	(420,796)	(Line 6 / (1+ Line 38)) * Line 38	7
8	TRBAA Refunds/Collections Excluding Uncollectibles	\$ (35,109,237)	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)	(36,715,216)	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	2,121,801	Work Paper No. 5; Page 5.1-5.2; Line 10	13
14	Other PTO Related Revenue (Credits)/Charges	(1,130,027)	Work Paper No. 5; Page 5.1-5.2; Line 13	14
15	Sub-Total Monthly PTO Related Activity	\$ (35,705,442)	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	\$ (35,705,442)	Sum Lines 15; 18	19
20				20
21	Net Monthly Activity (Net Refunds, Revenues, Expenses, & Adjustments)	\$ (596,205)	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	\$ (670,992)	Line 26 x Line 27	28
29				29
30	Other Adjustment (rounding)	(1)		30
31				31
32	Ending Balance (Overcollection)/Undercollection	\$ (13,199,641)	Line 1 + Line 21 + Line 28 + Line 30	32
33				33
34				34
35	<u>Franchise Fees & Uncollectible Adjustment:</u>			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.
2024 TRBAA Rate Filing
Monthly TRBAA Details for Period Ending September 30, 2023

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
3	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).	3
4		4
5	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.	5

Work Paper - 5
Summary of CAISO Charge Codes

San Diego Gas & Electric Company
2024 TRBAA Rate Filing
CAISO Charges Oct. 2022 - Sept. 2023

Line No.	Description	October 2022	November 2022	December 2022	January 2023	February 2023	March 2023	April 2023	May 2023
1	High Voltage Wheeling Revenues:								
2	CT 384 - HV Wheeling Revenues Due TO	\$ (3,234,894)	\$ (2,097,327)	\$ (1,113,763)	\$ (873,386)	\$ (2,789,537)	\$ (1,962,850)	\$ (1,542,770)	\$ (4,467,666)
3	CT 382 - HV Wheeling Charge Due ISO	28	100	88	64	(9,787)	152	(646)	(108)
4	Net	\$ (3,234,866)	\$ (2,097,227)	\$ (1,113,676)	\$ (873,322)	\$ (2,799,324)	\$ (1,962,698)	\$ (1,543,416)	\$ (4,467,774)
5									
6									
7	CT 4575 - Settlements, Metering, & Client Relations (SDGE-PTO)	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
8									
9									
10	ETC Cost Differentials from CAISO	\$ (13,371)	\$ (50,024)	\$ 4,263	\$ 5,433	\$ 877,997	\$ 899,778	\$ 73,229	\$ (17,000)
11									
12									
13	Other PTO Related Revenue (Credits)/Charges	\$ (25,838)	\$ (114,718)	\$ (67,457)	\$ (156,756)	\$ (88,221)	\$ 13,800	\$ (119,635)	\$ (275,765)
14									

San Diego Gas & Electric Company
2024 TRBAA Rate Filing
CAISO Charges Oct. 2022 - Sept. 2023

Line No.	Description	June 2023	July 2023	August 2023	September 2023	Total	Reference	Line No.
1	High Voltage Wheeling Revenues:							1
2	CT 384 - HV Wheeling Revenues Due TO	\$ (3,378,644)	\$ (2,589,703)	\$ (7,490,816)	\$ (5,182,130)	\$ (36,723,487)	ISO Charge Type 384	2
3	CT 382 - HV Wheeling Charge Due ISO	(161)	-	18,540	-	8,271	ISO Charge Type 382	3
4	Net	\$ (3,378,805)	\$ (2,589,703)	\$ (7,472,275)	\$ (5,182,130)	\$ (36,715,216)		4
5								5
6								6
7	CT 4575 - Settlements, Metering, & Client Relations (SDGE-PTO)	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 18,000	ISO Charge Type 4575	7
8								8
9								9
10	ETC Cost Differentials from CAISO	\$ (24,736)	\$ (89,894)	\$ 72,845	\$ 383,281	\$ 2,121,801	Work Paper 10; Pages 10.1 - 10.3; Line 45	10
11								11
12								12
13	Other PTO Related Revenue (Credits)/Charges	\$ (123,058)	\$ (15,650)	\$ (5,505)	\$ (151,225)	\$ (1,130,027)	Work Paper 12; Pages 12.1; Line 13	13
14								14

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

San Diego Gas & Electric Company
2024 - TRBAA Rate Filing
Summary of TRBAA Forecast Allocation Between High Voltage and Low Voltage Facilities

Line No.		(A)	(B)	(C) = (A) + (B)	Reference	Line No.
1	HV-LV Allocation Factors:					1
2						2
3	A. Development of Allocation Factors:	High Voltage	Low Voltage	Total		3
4						4
5	TO5 Cycle 6 - Recorded Gross Plant Balances; Dollars in (\$000)	\$ 3,990,428	\$ 3,812,493	\$ 7,802,920	HV-LV Plant Study; Line 38 of SDG&E's TO5 Cycle 6 Annual Informational Filing	5
6						6
7	TO5 Cycle 6 - Weighted Forecast Plant Additions; Dollars in (\$000)	\$ 100,510	\$ 422,155	\$ 522,665	Forecast Plant; Line 16 of SDG&E's TO5-Cycle 6 Annual Informational Filing	7
8						8
9	Total Recorded & Forecast Gross Plant Balances; Dollars in (\$000)	\$ 4,090,937	\$ 4,234,648	\$ 8,325,585	Line 5 + Line 7	9
10						10
11	High Voltage - Low Voltage Ratios Based on Gross Plant; Per Line 9	49.14%	50.86%	100.00%	Allocation Ratios Based on Line 9	11
12						12
13	B. Allocation of High Voltage Wheeling Revenues:					13
14						14
15	Total Wheeling Revenues Forecast based on recorded HV-LV wheeling revenues ending 9/30/2023	\$ (36,715,216)	\$ -	\$ (36,715,216)	Work paper No.7; Page 7.1; Line 27	15
16						16
17	HV - Allocation Ratio is NOT Based on Plant as shown on Line 11	100.00%	0.00%	100.00%	Wheeling Revenues are assigned 100% to High Voltage facilities	17
18						18
19	Total HV-LV Wheeling Revenues Allocation	\$ (36,715,216)	\$ -	\$ (36,715,216)	Line 15 x Line 17	19
20						20
21	C. Forecast of Settlements, Metering, & Client Relations Expense:					21
22						22
23	Total Settlements, Metering & Client Relations Expense Forecast based on recorded CC45/5 ending 9/30/2023			\$ 18,000	Work paper No. 8; Page 8.1, Line 27	23
24	Adjusted for Known and Measurable Changes.					24
25						25
26	Total Settlements, Metering, & Client Relations Allocation	\$ 8,845	\$ 9,155	\$ 18,000	Col. C; Line 23 x Line 11 Ratios	26
27						27
28	D: Forecast of ETC Cost Differentials Expense:					28
29						29
30	Total ETC Cost Differentials Expense Forecast based on recorded other various CAISO charges ending 9/30/2023			\$ 2,121,801	Work paper No. 9; Page 9.1, Line 27	30
31						31
32	Total ETC Cost Differentials Allocation	\$ 1,042,653	\$ 1,079,148	\$ 2,121,801	Col. C; Line 30 x Line 11 Ratios	32
33						33
34	E: Forecast of Other PTO Related Revenue (Credits)/Charges:					34
35						35
36	Total Other PTO Related Revenue (Credits)/Charges based on recorded specific various CAISO charges ending 9/30/2023			\$ (1,130,027)	WP No. 12; Page 12.1, Total Col, Line 13	36
37						37
38	Less: CC 8526 HV/LV specific allocation per CAISO	\$ (147,968)	\$ -	\$ (147,968)	WP No. 12; Page 12.1, footnotes (b) and (c) explanation on the HV/LV allocation per CAISO	38
39						39
40	Net Other PTO Related Revenue (Credits)/Charges HV/LV Allocation	\$ (482,583)	\$ (499,475)	\$ (982,058)	Col. C, Line 36 x Line 11 Ratios	40
41						41
42	Total Other PTO Related Revenue (Credits)/Charges Allocation	\$ (630,552)	\$ (499,475)	\$ (1,130,027)	Line 38 + Line 40	42
43						43

Work Paper - 7
Derivation of Wheeling Revenue Forecast

San Diego Gas & Electric Company
2024 - 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)	Total	Reference	
1	Oct-22	\$ (3,234,866)	\$ -	\$ (3,234,866)	Work paper No. 5; Page 5.1 and 5.2; Line 4	1
2						2
3	Nov-22	(2,097,227)	-	(2,097,227)	Work paper No. 5; Page 5.1 and 5.2; Line 4	3
4						4
5	Dec-22	(1,113,676)	-	(1,113,676)	Work paper No. 5; Page 5.1 and 5.2; Line 4	5
6						6
7	Jan-23	(873,322)	-	(873,322)	Work paper No. 5; Page 5.1 and 5.2; Line 4	7
8						8
9	Feb-23	(2,799,324)	-	(2,799,324)	Work paper No. 5; Page 5.1 and 5.2; Line 4	9
10						10
11	Mar-23	(1,962,698)	-	(1,962,698)	Work paper No. 5; Page 5.1 and 5.2; Line 4	11
12						12
13	Apr-23	(1,543,416)	-	(1,543,416)	Work paper No. 5; Page 5.1 and 5.2; Line 4	13
14						14
15	May-23	(4,467,774)	-	(4,467,774)	Work paper No. 5; Page 5.1 and 5.2; Line 4	15
16						16
17	Jun-23	(3,378,805)	-	(3,378,805)	Work paper No. 5; Page 5.1 and 5.2; Line 4	17
18						18
19	Jul-23	(2,589,703)	-	(2,589,703)	Work paper No. 5; Page 5.1 and 5.2; Line 4	19
20						20
21	Aug-23	(7,472,275)	-	(7,472,275)	Work paper No. 5; Page 5.1 and 5.2; Line 4	21
22						22
23	Sep-23	(5,182,130)	-	(5,182,130)	Work paper No. 5; Page 5.1 and 5.2; Line 4	23
24						24
25	Total Recorded	\$ (36,715,216)	\$ -	\$ (36,715,216)	Sum Lines 1 to 23	25
26						26
27	Wheeling Revenue Forecast	\$ (36,715,216)	\$ -	(36,715,216)	See Line 25	27
28						28

Work Paper - 8

Derivation of Settlements, Metering and
Client Relations Charges Forecast

San Diego Gas & Electric Company
2024 - 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-22	\$ 1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	1
2				2
3	Nov-22	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	3
4				4
5	Dec-22	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	5
6				6
7	Jan-23	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	7
8				8
9	Feb-23	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	9
10				10
11	Mar-23	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	11
12				12
13	Apr-23	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	13
14				14
15	May-23	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	15
16				16
17	Jun-23	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	17
18				18
19	Jul-23	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	19
20				20
21	Aug-23	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	21
22				22
23	Sep-23	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	23
24				24
25	Total Recorded	\$ 18,000	Sum Lines 1 to 23	25
26				26
27	Settlements, Metering and Client Relations Charge Code - 4575 Forecast ^a	\$ 18,000	See Line 25	27
28				28

^a 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
2024 - 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-22	\$ (13,371)	Work paper No. 5; Page 5.1 and 5.2; Line 10	1
2				2
3	Nov-22	(50,024)	Work paper No. 5; Page 5.1 and 5.2; Line 10	3
4				4
5	Dec-22	4,263	Work paper No. 5; Page 5.1 and 5.2; Line 10	5
6				6
7	Jan-23	5,433	Work paper No. 5; Page 5.1 and 5.2; Line 10	7
8				8
9	Feb-23	877,997	Work paper No. 5; Page 5.1 and 5.2; Line 10	9
10				10
11	Mar-23	899,778	Work paper No. 5; Page 5.1 and 5.2; Line 10	11
12				12
13	Apr-23	73,229	Work paper No. 5; Page 5.1 and 5.2; Line 10	13
14				14
15	May-23	(17,000)	Work paper No. 5; Page 5.1 and 5.2; Line 10	15
16				16
17	Jun-23	(24,736)	Work paper No. 5; Page 5.1 and 5.2; Line 10	17
18				18
19	Jul-23	(89,894)	Work paper No. 5; Page 5.1 and 5.2; Line 10	19
20				20
21	Aug-23	72,845	Work paper No. 5; Page 5.1 and 5.2; Line 10	21
22				22
23	Sep-23	383,281	Work paper No. 5; Page 5.1 and 5.2; Line 10	23
24				24
25	Total Recorded	\$ 2,121,801	Sum Lines 1 to 23	25
26				26
27	Existing Transmission Contracts (ETC) Cost Differentials Forecast	\$ 2,121,801	See Line 25	27
28				28

Work Paper – 10
Monthly Recorded ETC Cost Differentials
Charge Types

San Diego Gas & Electric Company
2024 TRBAA Rate Filing
Details of Monthly ETC Cost Differentials

Line No.	Charge Type	ETC Cost Differentials Charge Types	Oct-22	Nov-22	Dec-22	Jan-23
TRBAA Revenues						
1	1592	EP Penalty Allocation Payment	\$ -	\$ -	\$ -	\$ -
2	4989	RTM Congestion Credit Settlement	-	-	-	-
3	6011	Day Ahead Energy Congestion Loss Management	107,106	(145)	(68,018)	(82,956)
4	6090	Ancillary Service Upward Neutrality Allocation	-	-	(0)	-
5	6194	Spinning Reserve Obligation Settlement	(53)	(24)	(35)	(32)
6	6294	Non-Spinning Reserve Obligation Settlement	(15)	(3)	(2)	(2)
7	6458	Intertie Deviation Settlement Allocation	-	(0)	1	-
8	6478	Real Time System Imbalance Energy Offset	102	18	69	(156)
9	6479	Real Time Assistance Energy Surcharge Allocation	-	-	-	-
10	6706	Monthly CRRBA Clearing	5	(1)	16	0
11	6788	Real Time Market Congestion Credit Settlement	(7,605)	3,898	41,428	17,970
12	6791	CRR Accrued Interest Allocation	-	-	0	-
13	6947	IFM Marginal Losses Surplus Credit Allocation- Prelim	(162,206)	(103,641)	(12,853)	(51,621)
14	6977	Allocation of Transmission Loss Obligation Charge for Real Time Schedule Under Control Agreement	-	-	1	-
15	7070	Flexible Ramp Forecasted Movement Settlement	-	-	-	-
16	7078	Monthly Flexible Ramp Up Uncertainty Award Allocation	(310)	11	(1)	7
17	7989	Invoice Deviation Interest Distribution	-	(31)	-	114,595
18	8526	Generator Interconnection Process Forfeited Deposit Allocation	-	-	-	-
19	8989	Daily Neutrality Adjustment	-	-	-	-
20	8999	Neutrality Adjustment	-	-	-	-
21						
TRBAA Expenses						
23	0550	FERC Fees	-	1	-	-
24	4515	Bid Segment Fee	29	25	16	8
25	4560	GMC - Market Services Charge	4,003	1,400	5,438	249
26	4561	GMC - System Operations Charge	130	135	142	82
27	4563	GMC - Transmission Ownership Rights	24,664	22,283	10,290	4,702
28	4575	Settlements, Metering, Client Relations	1,500	1,500	1,500	1,500
29	6196	Spinning Reserve Neutrality Allocation	-	(0)	(2)	-
30	6296	Non-Spinning Reserve Neutrality Allocation	-	-	(0)	-
31	6456	Intertie Deviation Settlement	-	-	-	-
32	6460	FMM Instructed Imbalance Energy Settlement	27,306	(371)	12,248	10
33	6470	Real Time Instructed Imbalance Energy Settlement	(20,524)	(90)	618	(47)
34	6477	Real Time Imbalance Energy Offset	-	(8)	(1)	(39)
35	6484	Hour-Ahead Scheduling Process Uplift Settlement Allocation	-	-	-	-
36	6678	Real Time Bid Cost Recovery Allocation	-	4	10	-
37	6774	Real Time Congestion Offset	-	6	18	0
38	6790	CRR Balancing Account	-	(2)	2	0
39	6985	Real Time Marginal Losses Offset	12,270	24,968	13,240	1,054
40	7077	Daily Flexible Ramp Up Uncertainty Award Allocation	-	-	(2)	-
41	7087	Daily Flexible Ramp Down Uncertainty Award Allocation	-	-	-	-
42	7088	Monthly Flexible Ramp Down Uncertainty Award Allocation	-	(0)	4	0
43	7999	Invoice Deviation Interest Allocation	226	43	136	110
44						
45		Grand Total	\$ (13,371)	\$ (50,024)	\$ 4,263	\$ 5,433
46						
47						
48		Adjusted Total ETC Cost Differential - Line 45 above	\$ (13,371)	\$ (50,024)	\$ 4,263	\$ 5,433
49		Per TRBAA Schedule; Workpaper 4.1 to 4.4; Line 13	\$ (13,371)	\$ (50,024)	\$ 4,263	\$ 5,433
50		Difference	-	-	-	-

San Diego Gas & Electric Company
2024 TRBAA Rate Filing
Details of Monthly ETC Cost Differentials

Line No.	Charge Type	ETC Cost Differentials Charge Types	Feb-23	Mar-23	Apr-23	May-23
		TRBAA Revenues				
1	1592	EP Penalty Allocation Payment	\$ (4,266)	\$ -	\$ -	\$ -
2	4989	RTM Congestion Credit Settlement	-	-	-	(70)
3	6011	Day Ahead Energy Congestion Loss Management	5,460	28,850	(21,491)	(33,783)
4	6090	Ancillary Service Upward Neutrality Allocation	-	(0)	-	(0)
5	6194	Spinning Reserve Obligation Settlement	(51)	(64)	(17)	(22)
6	6294	Non-Spinning Reserve Obligation Settlement	(3)	(6)	(28)	(40)
7	6458	Intertie Deviation Settlement Allocation	51	-	4	(53)
8	6478	Real Time System Imbalance Energy Offset	41	(73)	43	(78)
9	6479	Real Time Assistance Energy Surcharge Allocation	-	-	-	-
10	6706	Monthly CRRBA Clearing	113	(2)	24	3
11	6788	Real Time Market Congestion Credit Settlement	72,446	1,242,309	129,006	14,161
12	6791	CRR Accrued Interest Allocation	-	(0)	-	-
13	6947	IFM Marginal Losses Surplus Credit Allocation- Prelim	(254)	(26,084)	(198)	3,725
14	6977	Allocation of Transmission Loss Obligation Charge for Real Time Schedule Under Control Agreement	120	-	5	6
15	7070	Flexible Ramp Forecasted Movement Settlement	-	57	-	-
16	7078	Monthly Flexible Ramp Up Uncertainty Award Allocation	(127)	133	(21)	132
17	7989	Invoice Deviation Interest Distribution	112,355	(228,698)	(2)	(24)
18	8526	Generator Interconnection Process Forfeited Deposit Allocation	(384)	-	-	-
19	8989	Daily Neutrality Adjustment	-	-	-	-
20	8999	Neutrality Adjustment	-	-	-	-
21						
22		TRBAA Expenses				
23	0550	FERC Fees	-	1	-	-
24	4515	Bid Segment Fee	16	29	10	8
25	4560	GMC - Market Services Charge	40,447	85,841	16,727	634
26	4561	GMC - System Operations Charge	(122)	208	129	172
27	4563	GMC - Transmission Ownership Rights	240	2,527	83	(304)
28	4575	Settlements, Metering, Client Relations	1,500	1,500	1,500	1,500
29	6196	Spinning Reserve Neutrality Allocation	-	-	-	0
30	6296	Non-Spinning Reserve Neutrality Allocation	-	(0)	-	0
31	6456	Intertie Deviation Settlement	670,281	-	(1,818)	(512)
32	6460	FMM Instructed Imbalance Energy Settlement	(19,386)	(204,685)	(50,764)	-
33	6470	Real Time Instructed Imbalance Energy Settlement	(820)	(361)	1,553	(2,432)
34	6477	Real Time Imbalance Energy Offset	(1,380)	-	27	(805)
35	6484	Hour-Ahead Scheduling Process Uplift Settlement Allocation	-	-	-	-
36	6678	Real Time Bid Cost Recovery Allocation	812	-	(24)	(23)
37	6774	Real Time Congestion Offset	178	1	(38)	194
38	6790	CRR Balancing Account	233	-	9	6
39	6985	Real Time Marginal Losses Offset	490	(1,792)	(1,517)	395
40	7077	Daily Flexible Ramp Up Uncertainty Award Allocation	-	-	-	(3)
41	7087	Daily Flexible Ramp Down Uncertainty Award Allocation	-	-	-	0
42	7088	Monthly Flexible Ramp Down Uncertainty Award Allocation	0	0	0	-
43	7999	Invoice Deviation Interest Allocation	7	90	28	213
44						
45		Grand Total	\$ 877,997	\$ 899,778	\$ 73,229	\$ (17,000)
46						
47						
48		Adjusted Total ETC Cost Differential - Line 45 above	\$ 877,997	\$ 899,778	\$ 73,229	\$ (17,000)
49		Per TRBAA Schedule; Workpaper 4.1 to 4.4; Line 13	\$ 877,997	\$ 899,778	\$ 73,229	\$ (17,000)
50		Difference	-	-	-	-

San Diego Gas & Electric Company
2024 TRBAA Rate Filing
Details of Monthly ETC Cost Differentials

Line No.	Charge Type	ETC Cost Differentials Charge Types	Jun-23	Jul-23	Aug-23	Sep-23	Total	Line No.
TRBAA Revenues								
1	1592	EP Penalty Allocation Payment	\$ -	\$ -	\$ -	\$ -	\$ (4,266)	1
2	4989	RTM Congestion Credit Settlement	-	-	70	-	-	2
3	6011	Day Ahead Energy Congestion Loss Management	(16,873)	(73,959)	33,909	52,183	(69,717)	3
4	6090	Ancillary Service Upward Neutrality Allocation	(146)	-	(15)	(2)	(163)	4
5	6194	Spinning Reserve Obligation Settlement	26	(5)	71	(20)	(227)	5
6	6294	Non-Spinning Reserve Obligation Settlement	9	(8)	276	(1)	177	6
7	6458	Intertie Deviation Settlement Allocation	0	-	(83)	-	(79)	7
8	6478	Real Time System Imbalance Energy Offset	67	(9)	(27)	(21)	(27)	8
9	6479	Real Time Assistance Energy Surcharge Allocation	-	-	(0)	(129)	(129)	9
10	6706	Monthly CRRBA Clearing	2	-	(881)	396,128	395,406	10
11	6788	Real Time Market Congestion Credit Settlement	955	258	31,175	56,939	1,602,939	11
12	6791	CRR Accrued Interest Allocation	0	(0)	(6)	(85,243)	(85,249)	12
13	6947	IFM Marginal Losses Surplus Credit Allocation- Prelim	(12,348)	(29,426)	(85,966)	(69,487)	(550,358)	13
14	6977	Allocation of Transmission Loss Obligation Charge for Real Time Schedule Under Control Agreement	-	-	(187)	-	(56)	14
15	7070	Flexible Ramp Forecasted Movement Settlement	-	0	(2,500)	15	(2,429)	15
16	7078	Monthly Flexible Ramp Up Uncertainty Award Allocation	(207)	15	(71)	(69)	(506)	16
17	7989	Invoice Deviation Interest Distribution	(75)	(46)	-	(376)	(2,303)	17
18	8526	Generator Interconnection Process Forfeited Deposit Allocation	-	-	-	(0)	(384)	18
19	8989	Daily Neutrality Adjustment	0	-	-	-	0	19
20	8999	Neutrality Adjustment	-	-	-	-	-	20
21								21
TRBAA Expenses								
22								22
23	0550	FERC Fees	(1)	-	118	-	118	23
24	4515	Bid Segment Fee	14	20	22	18	216	24
25	4560	GMC - Market Services Charge	748	320	1,666	1,336	158,810	25
26	4561	GMC - System Operations Charge	139	139	390	33	1,577	26
27	4563	GMC - Transmission Ownership Rights	4,457	10,936	17,367	17,077	114,322	27
28	4575	Settlements, Metering, Client Relations	1,500	1,500	1,500	1,500	18,000	28
29	6196	Spinning Reserve Neutrality Allocation	8	-	6	-	12	29
30	6296	Non-Spinning Reserve Neutrality Allocation	5	-	22	-	27	30
31	6456	Intertie Deviation Settlement	-	-	22,660	-	690,611	31
32	6460	FMM Instructed Imbalance Energy Settlement	(574)	(73)	(38,152)	6,040	(268,399)	32
33	6470	Real Time Instructed Imbalance Energy Settlement	(2,400)	(409)	93,320	375	68,781	33
34	6477	Real Time Imbalance Energy Offset	0	(0)	979	(0)	(1,227)	34
35	6484	Hour-Ahead Scheduling Process Uplift Settlement Allocation	-	-	0	-	0	35
36	6678	Real Time Bid Cost Recovery Allocation	-	(1)	453	(0)	1,232	36
37	6774	Real Time Congestion Offset	(1)	-	842	-	1,200	37
38	6790	CRR Balancing Account	-	-	74	-	322	38
39	6985	Real Time Marginal Losses Offset	(513)	826	(4,291)	6,729	51,859	39
40	7077	Daily Flexible Ramp Up Uncertainty Award Allocation	293	0	97	93	479	40
41	7087	Daily Flexible Ramp Down Uncertainty Award Allocation	0	0	10	0	11	41
42	7088	Monthly Flexible Ramp Down Uncertainty Award Allocation	2	(0)	(8)	1	(2)	42
43	7999	Invoice Deviation Interest Allocation	177	27	4	160	1,221	43
44								44
45		Grand Total	\$ (24,736)	\$ (89,894)	\$ 72,845	\$ 383,281	\$ 2,121,801	45
46								46
47								47
48		Adjusted Total ETC Cost Differential - Line 45 above	\$ (24,736)	\$ (89,894)	\$ 72,845	\$ 383,281	\$ 2,121,801	48
49		Per TRBAA Schedule; Workpaper 4.1 to 4.4; Line 13	\$ (24,736)	\$ (89,894)	\$ 72,845	\$ 383,281	\$ 2,121,801	49
50		Difference	-	-	-	-	-	50

Work Paper - 11

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

San Diego Gas & Electric Company
2024 - 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-22	\$ (25,838)	Work paper No. 5; Page 5.1 and 5.2; Line 13	1
2				2
3	Nov-22	(114,718)	Work paper No. 5; Page 5.1 and 5.2; Line 13	3
4				4
5	Dec-22	(67,457)	Work paper No. 5; Page 5.1 and 5.2; Line 13	5
6				6
7	Jan-23	(156,756)	Work paper No. 5; Page 5.1 and 5.2; Line 13	7
8				8
9	Feb-23	(88,221)	Work paper No. 5; Page 5.1 and 5.2; Line 13	9
10				10
11	Mar-23	13,800	Work paper No. 5; Page 5.1 and 5.2; Line 13	11
12				12
13	Apr-23	(119,635)	Work paper No. 5; Page 5.1 and 5.2; Line 13	13
14				14
15	May-23	(275,765)	Work paper No. 5; Page 5.1 and 5.2; Line 13	15
16				16
17	Jun-23	(123,058)	Work paper No. 5; Page 5.1 and 5.2; Line 13	17
18				18
19	Jul-23	(15,650)	Work paper No. 5; Page 5.1 and 5.2; Line 13	19
20				20
21	Aug-23	(5,505)	Work paper No. 5; Page 5.1 and 5.2; Line 13	21
22				22
23	Sep-23	(151,225)	Work paper No. 5; Page 5.1 and 5.2; Line 13	23
24				24
25	Total Recorded	\$ (1,130,027)	Sum Lines 1 to 23	25
26				26
27	Other PTO Related Revenue (Credits) / Charges Forecast	\$ (1,130,027)	See Line 25	27
28				28

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

San Diego Gas & Electric Company
2024 TRBAA Rate Filing
Details of Monthly Other PTO Related Revenue (Credits)/Charges

Line No.	Charge Type	Other PTO Related Revenue (Credits)/Charge Types ^a	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Total	Line No.
1	1592	EP Penalty Allocation Payment	\$ -	\$ -	\$ -	\$ -	\$ (183)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (183)	1
2																2
3	7989	Invoice Deviation Interest Distribution	(25,838)	(114,718)	(67,985)	(157,912)	(112,361)	(6,809)	(133,320)	(275,768)	(132,783)	(15,650)	(5,760)	(4,308)	(1,053,211)	3
4																4
5	7999	Generator Interconnection Process Forfeited Deposit Allocation	-	-	528	1,157	24,339	20,609	13,685	3	9,725	-	255	1,052	71,353	5
6																6
7	8526	Neutrality Adjustment	-	-	-	-	(17)	-	-	-	-	-	-	(147,968)	(147,985)	7
8																8
9	8989	Daily Neutrality Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	9
10																10
11	8999	Invoice Deviation Interest Allocation	-	-	-	-	-	-	-	-	-	-	-	-	-	11
12																12
13		Grand Total	\$ (25,838)	\$ (114,718)	\$ (67,457)	\$ (156,756)	\$ (88,221)	\$ 13,800	\$ (119,635)	\$ (275,765)	\$ (123,058)	\$ (15,650)	\$ (5,505)	\$ (151,225)	\$ (1,130,027)	13
14																14
15																15
16		Adjusted Total Other PTO Related Revenue (Credits)/Charges - Line 13 above	\$ (25,838)	\$ (114,718)	\$ (67,457)	\$ (156,756)	\$ (88,221)	\$ 13,800	\$ (119,635)	\$ (275,765)	\$ (123,058)	\$ (15,650)	\$ (5,505)	\$ (151,225)	\$ (1,130,027)	16
17		Per TRBAA Schedule; Workpaper 4.1 to 4.4; Line 14	\$ (25,838)	\$ (114,718)	\$ (67,457)	\$ (156,756)	\$ (88,221)	\$ 13,800	\$ (119,635)	\$ (275,765)	\$ (123,058)	\$ (15,650)	\$ (5,505)	\$ (151,225)	\$ (1,130,027)	17
18		Difference	-	-	-	-	-	-	-	-	-	-	-	-	-	18
19																19

^a 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.

^b 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, 2023, and this was recorded in the TRBA. Of this amount, \$147,968.44 is associated with the High Voltage Transmission Revenue Requirement and \$0 is associated with the Low Voltage Transmission Revenue Requirement.

High Voltage	\$ (147,968.44)	\$ (147,968.44)
Low Voltage	\$ -	\$ -
Total	\$ (147,968.44)	\$ (147,968.44)