

San Diego Gas & Electric Company
2022 TRBAA Rate Filing

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

ER22-____ - ____

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

ER22-____ - ____

Statement BD
San Diego Gas & Electric Company
2022 - TRBAA Rate Filing
Allocation Energy and Supporting Data

Line No.	Date	(A)		(B) Sale for Resale (City of Escondido) ¹	(C) = (A) - (B)		Reference	Line No.
		Retail Energy Sales @ Meter Level Plus Sale for Resale	Retail Energy Sales @ Meter Level Net of Sale for Resale					
1	Oct-20	1,737,610,530	6,886	1,737,603,644	Workpaper No. 1; Page 1.1; Lines 30; 29	1		
2	Nov-20	1,516,889,040	3,172	1,516,885,868	Workpaper No. 1; Page 1.1; Lines 30; 29	2		
3	Dec-20	1,448,288,710	7,695	1,448,281,015	Workpaper No. 1; Page 1.1; Lines 30; 29	3		
4	Jan-21	1,468,439,126	7,156	1,468,431,970	Workpaper No. 1; Page 1.1; Lines 30; 29	4		
5	Feb-21	1,285,607,801	10,969	1,285,596,832	Workpaper No. 1; Page 1.1; Lines 30; 29	5		
6	Mar-21	1,348,145,089	-	1,348,145,089	Workpaper No. 1; Page 1.1; Lines 30; 29	6		
7	Apr-21	1,116,071,203	-	1,116,071,203	Workpaper No. 1; Page 1.1; Lines 30; 29	7		
8	May-21	1,281,983,764	-	1,281,983,764	Workpaper No. 1; Page 1.1; Lines 30; 29	8		
9	Jun-21	1,409,367,016	21,458	1,409,345,558	Workpaper No. 1; Page 1.1; Lines 30; 29	9		
10	Jul-21	1,452,216,670	-	1,452,216,670	Workpaper No. 1; Page 1.1; Lines 30; 29	10		
11	Aug-21	1,483,088,303	10,240	1,483,078,063	Workpaper No. 1; Page 1.1; Lines 30; 29	11		
12	Sep-21	1,879,090,165	-	1,879,090,165	Workpaper No. 1; Page 1.1; Lines 30; 29	12		
13						13		
14						14		
15	Total	17,426,797,417	67,576	17,426,729,841	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
2022 - 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-22	1,440,210,711	5,319	1,440,205,392		Workpaper No. 1; Page 1.2; Lines 30; 29	1
2	Feb-22	1,329,260,506	5,054	1,329,255,452		Workpaper No. 1; Page 1.2; Lines 30; 29	2
3	Mar-22	1,279,262,043	5,130	1,279,256,913		Workpaper No. 1; Page 1.2; Lines 30; 29	3
4	Apr-22	1,265,228,599	5,057	1,265,223,542		Workpaper No. 1; Page 1.2; Lines 30; 29	4
5	May-22	1,238,360,961	5,089	1,238,355,872		Workpaper No. 1; Page 1.2; Lines 30; 29	5
6	Jun-22	1,309,458,431	5,235	1,309,453,196		Workpaper No. 1; Page 1.2; Lines 30; 29	6
7	Jul-22	1,475,211,661	5,280	1,475,206,381		Workpaper No. 1; Page 1.2; Lines 30; 29	7
8	Aug-22	1,555,780,582	4,984	1,555,775,598		Workpaper No. 1; Page 1.2; Lines 30; 29	8
9	Sep-22	1,655,479,579	5,205	1,655,474,374		Workpaper No. 1; Page 1.2; Lines 30; 29	9
10	Oct-22	1,458,652,573	4,926	1,458,647,647		Workpaper No. 1; Page 1.2; Lines 30; 29	10
11	Nov-22	1,353,540,199	4,941	1,353,535,258		Workpaper No. 1; Page 1.2; Lines 30; 29	11
12	Dec-22	1,358,600,492	5,084	1,358,595,408		Workpaper No. 1; Page 1.2; Lines 30; 29	12
13							13
14							14
15	Total	16,719,046,337	61,304	16,718,985,033		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
2022 - TRBAA Rate Filing
January 2022 - December 2022¹
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-22	1,440,211	5	1,440,205	1,498,966	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	1
2	Feb-22	1,329,261	5	1,329,255	1,383,489	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	2
3	Mar-22	1,279,262	5	1,279,257	1,331,451	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	3
4	Apr-22	1,265,229	5	1,265,224	1,316,845	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	4
5	May-22	1,238,361	5	1,238,356	1,288,881	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	5
6	Jun-22	1,309,458	5	1,309,453	1,362,879	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	6
7	Jul-22	1,475,212	5	1,475,206	1,535,395	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	7
8	Aug-22	1,555,781	5	1,555,776	1,619,251	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	8
9	Sep-22	1,655,480	5	1,655,474	1,723,018	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	9
10	Oct-22	1,458,653	5	1,458,648	1,518,160	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	10
11	Nov-22	1,353,540	5	1,353,535	1,408,759	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	11
12	Dec-22	1,358,600	5	1,358,595	1,414,026	Cols. A to C, WP No. 1; Page 1.2; Lines 10, 9 & 12	12
13							13
14	Total	16,719,046	61	16,718,985	17,401,120	Sum Lines 1 thru 12	14
15							15
16	Retail Sales Forecast @ Meter Level			16,718,985		Col. C; Line 14	16
17							17
18	Transmission Loss Factor ²						18
19		37,462,256	38,989,600	1.0408		Column B / Column A	19
20							20
21	Retail Sales Forecast @ Transmission Level				17,401,120	Col. D; Line 14	21
22							22
23	Lake Hodges Pumped Storage Facilities ³				84,949	Statement BD WP; Page 4 of 5	23
24							24
25	Pumped Storage True Up Adjustment ⁴				(29,633)	Statement BD WP; Page 5 of 5	25
26							26
27	Total Gross Load Forecast				17,456,436	Sum Lines 22 thru 26	27
28							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 22 of SDG&E's TO5-Cycle 4 Annual Informational Filing.

The 1.0408 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 2022 - December 2022
MWH SALES FORECAST @ Transmission Level

2022 (MWh)	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Olivenhain-Lake Hodges Pumping Load	6,111	6,266	7,414	7,346	7,518	6,829	7,518	7,633	7,288	7,241	6,214	6,657	84,035

Primary Level Distribution Loss Factor 1.0109

Total Lake Hodges Pumping Load 84,949

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, 2020

Line No.	Description	Amount	Reference	Line No.
1	Pumped Storage Facility - Actual Load	58,298	SDG&E Records	1
2	Pumped Storage Facility - Forecast Load	<u>87,612</u>	SDG&E Records	2
3	Difference	(29,314)	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	(29,633)	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

ER22-____ - ____

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, 2022

Line No.	Customer Classes	(A)	(B)	(C) = (A) - (B)	(D) = (C) / (B)	Reference	Line No.
		(Statement BG) 2022 TRBAA Revenues @ Changed Rates	(Statement BH) 2022 TRBAA Revenues @ Present Rates ¹	(\$ Change	(%) Change		
1	Residential Customers	\$ (6,818,866)	\$ (6,451,697)	\$ (367,170)	5.69%	Statement BG; Page 2 of 4; Line 14	1
2						Statement BH; Page 1 of 3; Line 14	2
3	Small Commercial Customers	(2,653,718)	(2,510,826)	(142,893)	5.69%	Statement BG; Page 2 of 4; Line 16	3
4						Statement BH; Page 1 of 3; Line 16	4
5	Medium and Large Commercial/Industrial	(11,749,763)	(11,117,083)	(632,680)	5.69%	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)	(145,917)	(138,060)	(7,857)	5.69%	Statement BG; Page 2 of 4; Line 20	7
8						Statement BH; Page 1 of 3; Line 20	8
9	Agriculture (PA-T-1)	(258,946)	(245,002)	(13,943)	5.69%	Statement BG; Page 2 of 4; Line 22	9
10						Statement BH; Page 1 of 3; Line 22	10
11	Street Lighting Customers	(107,471)	(101,684)	(5,787)	5.69%	Statement BG; Page 2 of 4; Line 24	11
12						Statement BH; Page 1 of 3; Line 24	12
13							13
14	Grand Total	\$ (21,734,681)	\$ (20,564,352)	\$ (1,170,329)	5.69%	Sum Lines 1 through 11	14

¹ Present Rates are defined as rates effective pursuant to ER21-301.

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, 2022

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22		
1	Residential ¹	\$ (693,924)	\$ (583,980)	\$ (546,070)	\$ (484,684)	\$ (448,064)	\$ (478,688)		1
2									2
3	Small Commercial ²	(214,318)	(206,756)	(204,742)	(199,241)	(203,576)	(215,498)		3
4									4
5	Medium and Large Commercial/Industrial ³	(931,070)	(903,786)	(877,877)	(921,424)	(916,493)	(962,841)		5
6									6
7	Agriculture (PA and TOU-PA) ⁴	(7,275)	(7,528)	(7,336)	(10,345)	(11,641)	(13,284)		7
8									8
9	Agriculture (PA-T-1) ⁵	(16,267)	(16,978)	(17,992)	(20,285)	(21,361)	(22,994)		9
10									10
11	Street Lighting ⁶	(9,413)	(9,004)	(9,017)	(8,811)	(8,729)	(8,983)		11
12									12
13	TOTAL	\$ (1,872,267)	\$ (1,728,032)	\$ (1,663,034)	\$ (1,644,791)	\$ (1,609,863)	\$ (1,702,289)		13

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22		
14	Residential ¹	\$ (574,980)	\$ (646,233)	\$ (706,253)	\$ (577,817)	\$ (510,769)	\$ (567,404)	\$ (6,818,866)	14
15									15
16	Small Commercial ²	(236,875)	(250,279)	(258,777)	(233,420)	(217,954)	(212,282)	(2,653,718)	16
17									17
18	Medium and Large Commercial/Industrial ³	(1,054,359)	(1,075,727)	(1,134,177)	(1,037,974)	(985,982)	(948,053)	(11,749,763)	18
19									19
20	Agriculture (PA and TOU-PA) ⁴	(16,267)	(16,639)	(17,115)	(14,571)	(13,719)	(10,197)	(145,917)	20
21									21
22	Agriculture (PA-T-1) ⁵	(26,189)	(24,961)	(26,725)	(23,724)	(22,359)	(19,109)	(258,946)	22
23									23
24	Street Lighting ⁶	(9,098)	(8,669)	(9,070)	(8,735)	(8,813)	(9,129)	(107,471)	24
25									25
26	TOTAL	\$ (1,917,768)	\$ (2,022,508)	\$ (2,152,117)	\$ (1,896,242)	\$ (1,759,596)	\$ (1,766,174)	\$ (21,734,681)	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, 2022

Line No.	Customer Classes	(A) Jan-22 Energy (kWh)	(B) Feb-22 Energy (kWh)	(C) Mar-22 Energy (kWh)	(D) Apr-22 Energy (kWh)	(E) May-22 Energy (kWh)	(F) Jun-22 Energy (kWh)	(G) Reference	Line No.
1	Residential Customers	533,787,711	449,215,270	420,054,014	372,833,973	344,664,598	368,221,609	Workpaper No. 1; Page 1.2; Line 23	1
2									2
3	Small Commercial	164,859,932	159,043,360	157,493,523	153,262,687	156,596,898	165,768,000	Workpaper No. 1; Page 1.2; Line 24	3
4									4
5	Medium and Large Commercial/Industrial	716,207,703	695,219,730	675,289,655	708,788,054	704,994,504	740,647,049	Workpaper No. 1; Page 1.2; Line 25	5
6									6
7	Agriculture (PA and TOU-PA)	5,596,276	5,791,091	5,643,213	7,957,360	8,954,289	10,218,497	Workpaper No. 1; Page 1.2; Line 26	7
8									8
9	Agriculture (PA-T-1)	12,513,303	13,059,948	13,840,362	15,603,829	16,431,255	17,687,937	Workpaper No. 1; Page 1.2; Line 27	9
10									10
11	Street Lighting	7,240,467	6,926,053	6,936,145	6,777,638	6,714,328	6,910,105	Workpaper No. 1; Page 1.2; Line 28	11
12									12
13	TOTAL	1,440,205,392	1,329,255,452	1,279,256,913	1,265,223,542	1,238,355,872	1,309,453,196	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	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	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	Residential Customers	\$ (693,924)	\$ (583,980)	\$ (546,070)	\$ (484,684)	\$ (448,064)	\$ (478,688)	Line 1 x Line 18	22
23									23
24	Small Commercial	(214,318)	(206,756)	(204,742)	(199,241)	(203,576)	(215,498)	Line 3 x Line 18	24
25									25
26	Medium and Large Commercial/Industrial	(931,070)	(903,786)	(877,877)	(921,424)	(916,493)	(962,841)	Line 5 x Line 18	26
27									27
28	Agriculture (PA and TOU-PA)	(7,275)	(7,528)	(7,336)	(10,345)	(11,641)	(13,284)	Line 7 x Line 18	28
29									29
30	Agriculture (PA-T-1)	(16,267)	(16,978)	(17,992)	(20,285)	(21,361)	(22,994)	Line 9 x Line 18	30
31									31
32	Street Lighting	(9,413)	(9,004)	(9,017)	(8,811)	(8,729)	(8,983)	Line 11 x Line 18	32
33									33
34	TOTAL	\$ (1,872,267)	\$ (1,728,032)	\$ (1,663,034)	\$ (1,644,791)	\$ (1,609,863)	\$ (1,702,289)	Sum Lines 23 through 33	34
35									35

Statement BG
SAN DIEGO GAS AND ELECTRIC COMPANY
Transmission Revenue Balancing Account Adjustment (TRBAA) Revenues Data to Reflect Changed Rates
Rate Effective Period - Twelve Months Ending December 31, 2022

Line No.	Customer Classes	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
		Jul-22 Energy (kWh)	Aug-22 Energy (kWh)	Sep-22 Energy (kWh)	Oct-22 Energy (kWh)	Nov-22 Energy (kWh)	Dec-22 Energy (kWh)	Total Energy (kWh)	Reference
1	Residential Customers	442,292,420	497,102,386	543,271,251	444,474,602	392,898,940	436,464,943	5,245,281,719	Workpaper No. 1; Page 1.2; Line 23
2									
3	Small Commercial	182,211,184	192,521,941	199,058,935	179,554,148	167,657,274	163,293,773	2,041,321,654	Workpaper No. 1; Page 1.2; Line 24
4									
5	Medium and Large Commercial/Industrial	811,045,393	827,482,281	872,443,862	798,441,575	758,447,500	729,271,668	9,038,278,974	Workpaper No. 1; Page 1.2; Line 25
6									
7	Agriculture (PA and TOU-PA)	12,513,098	12,799,333	13,165,234	11,208,555	10,553,283	7,843,488	112,243,717	Workpaper No. 1; Page 1.2; Line 26
8									
9	Agriculture (PA-T-1)	20,145,504	19,200,888	20,557,809	18,249,454	17,199,155	14,699,518	199,188,962	Workpaper No. 1; Page 1.2; Line 27
10									
11	Street Lighting	6,998,781	6,668,769	6,977,283	6,719,313	6,779,107	7,022,018	82,670,007	Workpaper No. 1; Page 1.2; Line 28
12									
13	TOTAL	1,475,206,381	1,555,775,598	1,655,474,374	1,458,647,647	1,353,535,258	1,358,595,408	16,718,985,033	Sum Lines 1 thru 11
14									
15		\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)		
16									
17	Retail TRBAA Rate (\$/kWh) @ Changed Rate	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)	\$ (0.00130)		Statement BL (Retail); Page 1; Line 27
18									
19									
20		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	\$ (574,980)	\$ (646,233)	\$ (706,253)	\$ (577,817)	\$ (510,769)	\$ (567,404)	\$ (6,818,866)	Line 1 x Line 18
23									
24	Small Commercial	(236,875)	(250,279)	(258,777)	(233,420)	(217,954)	(212,282)	(2,653,718)	Line 3 x Line 18
25									
26	Medium and Large Commercial/Industrial	(1,054,359)	(1,075,727)	(1,134,177)	(1,037,974)	(985,982)	(948,053)	(11,749,763)	Line 5 x Line 18
27									
28	Agriculture (PA and TOU-PA)	(16,267)	(16,639)	(17,115)	(14,571)	(13,719)	(10,197)	(145,917)	Line 7 x Line 18
29									
30	Agriculture (PA-T-1)	(26,189)	(24,961)	(26,725)	(23,724)	(22,359)	(19,109)	(258,946)	Line 9 x Line 18
31									
32	Street Lighting	(9,098)	(8,669)	(9,070)	(8,735)	(8,813)	(9,129)	(107,471)	Line 11 x Line 18
33									
34	TOTAL	\$ (1,917,768)	\$ (2,022,508)	\$ (2,152,117)	\$ (1,896,242)	\$ (1,759,596)	\$ (1,766,174)	\$ (21,734,681)	Sum Lines 23 through 33
35									

San Diego Gas & Electric Company

C. Statement BH - Revenue Data to Reflect Present Rates

ER22-____ - ____

Statement BH
SAN DIEGO GAS & ELECTRIC COMPANY
Transmission Revenue Balancing Account Adjustment (TRBAA) Revenue Data To Reflect Present Rates per ER21-301
Rate Effective Period - Twelve Months Ending December 31, 2022

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22		
1	Residential ¹	\$ (656,559)	\$ (552,535)	\$ (516,666)	\$ (458,586)	\$ (423,937)	\$ (452,913)		1
2									2
3	Small Commercial ²	(202,778)	(195,623)	(193,717)	(188,513)	(192,614)	(203,895)		3
4									4
5	Medium and Large Commercial/Industrial ³	(880,935)	(855,120)	(830,606)	(871,809)	(867,143)	(910,996)		5
6									6
7	Agriculture (PA and TOU-PA) ⁴	(6,883)	(7,123)	(6,941)	(9,788)	(11,014)	(12,569)		7
8									8
9	Agriculture (PA-T-1) ⁵	(15,391)	(16,064)	(17,024)	(19,193)	(20,210)	(21,756)		9
10									10
11	Street Lighting ⁶	(8,906)	(8,519)	(8,531)	(8,336)	(8,259)	(8,499)		11
12									12
13	TOTAL	\$ (1,771,453)	\$ (1,634,984)	\$ (1,573,486)	\$ (1,556,225)	\$ (1,523,178)	\$ (1,610,627)		13

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G)	Line No.
		Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22		
14	Residential ¹	\$ (544,020)	\$ (611,436)	\$ (668,224)	\$ (546,704)	\$ (483,266)	\$ (536,852)	\$ (6,451,697)	14
15									15
16	Small Commercial ²	(224,120)	(236,802)	(244,842)	(220,852)	(206,218)	(200,851)	(2,510,826)	16
17									17
18	Medium and Large Commercial/Industrial ³	(997,586)	(1,017,803)	(1,073,106)	(982,083)	(932,890)	(897,004)	(11,117,083)	18
19									19
20	Agriculture (PA and TOU-PA) ⁴	(15,391)	(15,743)	(16,193)	(13,787)	(12,981)	(9,647)	(138,060)	20
21									21
22	Agriculture (PA-T-1) ⁵	(24,779)	(23,617)	(25,286)	(22,447)	(21,155)	(18,080)	(245,002)	22
23									23
24	Street Lighting ⁶	(8,609)	(8,203)	(8,582)	(8,265)	(8,338)	(8,637)	(101,684)	24
25									25
26	TOTAL	\$ (1,814,504)	\$ (1,913,604)	\$ (2,036,233)	\$ (1,794,137)	\$ (1,664,848)	\$ (1,671,072)	\$ (20,564,352)	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 ER21-301
Rate Effective Period - Twelve Months Ending December 31, 2022

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(F)	Reference
		Jan-22 Energy (kWh)	Feb-22 Energy (kWh)	Mar-22 Energy (kWh)	Apr-22 Energy (kWh)	May-22 Energy (kWh)	Jun-22 Energy (kWh)		
1	Residential Customers	533,787,711	449,215,270	420,054,014	372,833,973	344,664,598	368,221,609		Worksheet No. 1; Page 1.2; Line 23
2									
3	Small Commercial	164,859,932	159,043,360	157,493,523	153,262,687	156,596,898	165,768,000		Worksheet No. 1; Page 1.2; Line 24
4									
5	Medium and Large Commercial/Industrial	716,207,703	695,219,730	675,289,655	708,788,054	704,994,504	740,647,049		Worksheet No. 1; Page 1.2; Line 25
6									
7	Agriculture (PA and TOU-PA)	5,596,276	5,791,091	5,643,213	7,957,360	8,954,289	10,218,497		Worksheet No. 1; Page 1.2; Line 26
8									
9	Agriculture (PA-T-1)	12,513,303	13,059,948	13,840,362	15,603,829	16,431,255	17,687,937		Worksheet No. 1; Page 1.2; Line 27
10									
11	Street Lighting	7,240,467	6,926,053	6,936,145	6,777,638	6,714,328	6,910,105		Worksheet No. 1; Page 1.2; Line 28
12									
13	TOTAL	1,440,205,392	1,329,255,452	1,279,256,913	1,265,223,542	1,238,355,872	1,309,453,196		Sum Lines 1 thru 11
14									
15									
16									
17									
18	Retail TRBAA Rate (\$/kWh) @ Present Rate	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)		Statement BL (Retail); Page 1; Line 27
19									FERC Docket No. ER21-301-000
20									
21									
22									
23	Residential Customers	\$ (656,559)	\$ (552,535)	\$ (516,666)	\$ (458,586)	\$ (423,937)	\$ (452,913)		Line 1 x Line 18
24									
25	Small Commercial	(202,778)	(195,623)	(193,717)	(188,513)	(192,614)	(203,895)		Line 3 x Line 18
26									
27	Medium and Large Commercial/Industrial	(880,935)	(855,120)	(830,606)	(871,809)	(867,143)	(910,996)		Line 5 x Line 18
28									
29	Agriculture (PA and TOU-PA)	(6,883)	(7,123)	(6,941)	(9,788)	(11,014)	(12,569)		Line 7 x Line 18
30									
31	Agriculture (PA-T-1)	(15,391)	(16,064)	(17,024)	(19,193)	(20,210)	(21,756)		Line 9 x Line 18
32									
33	Street Lighting	(8,906)	(8,519)	(8,531)	(8,336)	(8,259)	(8,499)		Line 11 x Line 18
34									
35	TOTAL	\$ (1,771,453)	\$ (1,634,984)	\$ (1,573,486)	\$ (1,556,225)	\$ (1,523,178)	\$ (1,610,627)		Sum Lines 23 through 33

Statement BH
SAN DIEGO GAS AND ELECTRIC COMPANY
Transmission Revenue Balancing Account Adjustment (TRBAA) Revenue Data To Reflect Present Rates per ER21-301
Rate Effective Period - Twelve Months Ending December 31, 2022

Line No.	Customer Classes	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(M) Reference	Line No.
		Jul-22 Energy (kWh)	Aug-22 Energy (kWh)	Sep-22 Energy (kWh)	Oct-22 Energy (kWh)	Nov-22 Energy (kWh)	Dec-22 Energy (kWh)	Total Energy (kWh)		
1	Residential Customers	442,292,420	497,102,386	543,271,251	444,474,602	392,898,940	436,464,943	5,245,281,719	Workpaper No. 1; Page 1.2; Line 23	1
2										2
3	Small Commercial	182,211,184	192,521,941	199,058,935	179,554,148	167,657,274	163,293,773	2,041,321,654	Workpaper No. 1; Page 1.2; Line 24	3
4										4
5	Medium and Large Commercial/Industrial	811,045,393	827,482,281	872,443,862	798,441,575	758,447,500	729,271,668	9,038,278,974	Workpaper No. 1; Page 1.2; Line 25	5
6										6
7	Agriculture (PA and TOU-PA)	12,513,098	12,799,333	13,165,234	11,208,555	10,553,283	7,843,488	112,243,717	Workpaper No. 1; Page 1.2; Line 26	7
8										8
9	Agriculture (PA-T-1)	20,145,504	19,200,888	20,557,809	18,249,454	17,199,155	14,699,518	199,188,962	Workpaper No. 1; Page 1.2; Line 27	9
10										10
11	Street Lighting	6,998,781	6,668,769	6,977,283	6,719,313	6,779,107	7,022,018	82,670,007	Workpaper No. 1; Page 1.2; Line 28	11
12										12
13	TOTAL	1,473,206,381	1,555,775,598	1,655,474,374	1,458,647,647	1,353,535,258	1,358,595,408	16,718,985,033	Sum Lines 1 thru 11	13
14										14
15										15
16										16
17	Retail TRBAA Rate (\$/kWh) @ Present Rate	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)		Statement BL (Retail); Page 1; Line 27	17
18									FERC Docket No. ER21-301-000	18
19										19
20										20
21										21
22										22
23	Residential Customers	\$ (544,020)	\$ (611,436)	\$ (668,224)	\$ (546,704)	\$ (483,266)	\$ (536,852)	\$ (6,451,697)	Line 1 x Line 18	23
24										24
25	Small Commercial	(224,120)	(236,802)	(244,842)	(220,852)	(206,218)	(200,851)	(2,510,826)	Line 3 x Line 18	25
26										26
27	Medium and Large Commercial/Industrial	(997,586)	(1,017,803)	(1,073,106)	(982,083)	(932,890)	(897,004)	(11,117,083)	Line 5 x Line 18	27
28										28
29	Agriculture (PA and TOU-PA)	(15,391)	(15,743)	(16,193)	(13,787)	(12,981)	(9,647)	(138,060)	Line 7 x Line 18	29
30										30
31	Agriculture (PA-T-1)	(24,779)	(23,617)	(25,286)	(22,447)	(21,155)	(18,080)	(245,002)	Line 9 x Line 18	31
32										32
33	Street Lighting	(8,609)	(8,203)	(8,582)	(8,265)	(8,338)	(8,637)	(101,684)	Line 11 x Line 18	33
34										34
35	TOTAL	\$ (1,814,504)	\$ (1,913,604)	\$ (2,036,233)	\$ (1,794,137)	\$ (1,664,848)	\$ (1,671,072)	\$ (20,564,352)	Sum Lines 23 through 33	35

San Diego Gas & Electric Company

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

ER22-____ - ____

Statement BK-1
San Diego Gas & Electric Company
2022 - 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 @ 9/30/2021	\$ (3,702,231)	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	(18,805,192)	Work paper No. 7; Page 7.1; Line 27	5
6				6
7	Settlements, Metering and Client Relations	16,000	Work paper No. 8; Page 8.1; Line 27	7
8				8
9	Existing Transmission Contract (ETC) Cost Differentials	991,374	Work paper No. 9; Page 9.1; Line 27	9
10				10
11	Other PTO Related Revenue (Credits)/Charges	(959,114)	Work paper No. 11; Page 11.1; Line 27	11
12				12
13	Total Transmission Revenue Credits Forecast	\$ (18,756,932)	Sum {Line 5 thru Line 11}	13
14				14
15	Total TRBAA Before Franchise Fees and Uncollectibles	\$ (22,459,163)	Line 1 + Line 13	15
16				16
17	Franchise Fees Expense @ 1.0275%	(230,768)	Line 15 x 1.0275%	17
18				18
19	Uncollectibles @ 0.1650%	(37,058)	Line 15 x 0.1650%	19
20				20
21	Total Franchise Fees and Uncollectible	(267,826)	Line 17 + Line 19	21
22				22
23	Total Retail TRBAA Forecast Including FF&U	\$ (22,726,989)	Line 15 + Line 21	23

San Diego Gas & Electric Company

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

ER22-____ - ____

Statement BK-2
San Diego Gas & Electric Company
2022 - TRBAA Rate Filing
Wholesale Customers - HVTRR & LVTRR Calculation

Line No.	Components	(A)		(B)		(C) = (A) + (B)		Reference	Line No.
		Total HIGH VOLTAGE Transmission Revenue Requirements	Total LOW VOLTAGE Transmission Revenue Requirements	Total HIGH VOLTAGE Transmission Revenue Requirements	Total LOW VOLTAGE Transmission Revenue Requirements	Total Transmission Revenue Requirements	Total Transmission Revenue Requirements		
1	Wholesale Base Transmission Revenue Requirement ¹	\$ 587,722,989	\$ 483,505,799	\$ 1,071,228,788				See Note 1	1
2									2
3	Beginning TRBAA Balance @ 9/30/2021	(3,840,272)	138,041	(3,702,231)				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	(18,805,192)	-	(18,805,192)				Work paper No. 6; Page 6.1; Line 19	7
8									8
9	Settlements, Metering and Client Relations	8,793	7,207	16,000				Work paper No. 6; Page 6.1; Line 26	9
10									10
11	ETC Cost Differentials	544,797	446,577	991,374				Work paper No. 6; Page 6.1; Line 32	11
12									12
13	Other PTO Related Revenue (Credits)/Charges	(1,204,698)	245,584	(959,114)				Work paper No. 6; Page 6.1; Line 42	13
14									14
15	Total Transmission Revenue Credits Forecast	(19,456,300)	699,368	(18,756,932)				Sum {Line 7 through Line 13}	15
16									16
17	Total Wholesale TRBAA Before Franchise Fees	(23,296,572)	837,409	(22,459,163)				Line 3 + Line 15	17
18									18
19	Franchise Fees Expense @ 1.0275%	(239,372)	8,604	(230,768)				Line 17 x 1.0275%	19
20									20
21	Total Wholesale TRBAA Forecast Including Franchise Fees	(23,535,944)	846,013	(22,689,931)				Line 17 + Line 19	21
22									22
23	Transmission Standby Revenues ²	(9,256,866)	(7,615,404)	(16,872,270)				Work paper No. 3; Page 3.1; Line 7	23
24									24
25	Wholesale Transmission Revenue Requirement	\$ 554,930,179	\$ 476,736,408	\$ 1,031,666,587				Line 1 + Line 21 + Line 23	25

¹ Wholesale Base TRR information comes from Cost Statement BK-2 of SDG&E's TO5 Cycle 4 Annual Informational Filing.

² Standby Revenue amount of \$16,872,270, from Cost Statement BG; Page 1; Column A; Line 24, of SDG&E's TO5 Cycle 4 Annual Informational Filing.

San Diego Gas & Electric Company

F. Statement – BL Retail TRBAA Rate Calculation

ER22-____ - ____

Statement BL
San Diego Gas & Electric Company
2022 - TRBAA Rate Filing
Retail TRBAA Rate Calculation

Line No.	Components	Total Retail - TRBAA	Reference	Line No.
1	Beginning TRBAA Balance @ 9/30/2021	\$ (3,702,231)	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	(18,805,192)	Work paper No. 7; Page 7.1; Line 27	5
6				6
7	Settlements, Metering and Client Relations	16,000	Work paper No. 8; Page 8.1; Line 27	7
8				8
9	ETC Cost Differentials	991,374	Work paper No. 9; Page 9.1; Line 27	9
10				10
11	Other PTO Related Revenue (Credits)/Charges	(959,114)	Work paper No. 11; Page 11.1; Line 27	11
12				12
13	Total Transmission Revenue Credits Forecast	(18,756,932)	Sum {Line 5 through Line 11}	13
14				14
15	Total TRBAA Before Franchise Fees and Uncollectibles	\$ (22,459,163)	Line 1 + Line 13	15
16				16
17	Franchise Fees Expense @ 1.0275%	(230,768)	Line 15 x 1.0275%	17
18				18
19	Uncollectibles @ 0.1650 %	(37,058)	Line 15 x 0.1650%	19
20				20
21	Total Franchise Fees and Uncollectible	(267,826)	Line 17 + Line 19	21
22				22
23	Total Retail TRBAA Forecast Including FF&U	\$ (22,726,989)	Line 15 + Line 21	23
24				24
25	12 Months kWh Ending September 30, 2021	17,426,729,841	Statement BD; Pg. 1 of 5; Col. C; Ln. 15	25
26				26
27	Retail TRBAA Rate (\$/kWh)	\$ (0.00130)	Line 23 / Line 25	27

San Diego Gas & Electric Company

G. Statement – BL Wholesale TRBAA Rate Calculation

ER22-____ - ____

Statement BL
San Diego Gas & Electric Company
2022 - TRBAA Rate Filing
2022 - 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	\$ 587,722,989	\$ 483,505,799	\$ 1,071,228,788	See Note 1	1
2						2
3	Total Wholesale TRBAA ²	\$ (23,535,944)	\$ 846,013	\$ (22,689,931)	Statement BK-2; Page 1; Line 21	3
4						4
5	Transmission Standby Revenue ³	\$ (9,256,866)	\$ (7,615,404)	\$ (16,872,270)	See Note 3	5
6						6
7	Wholesale Transmission Revenue Requirements	\$ 554,930,179	\$ 476,736,408	\$ 1,031,666,587	Sum (Lines 1, 3, & 5)	7
8						8
9	Gross Load - MWh	\$ 17,456,436	\$ 17,456,436	\$ 17,456,436	Statement BD; Page 3 of 5; Line 28; Col. D	9
10						10
11	Utility Specific Access Charges (\$/MWh)	\$ 31,7894	\$ 27,3101	\$ 59,0995	Line 7 / Line 9	11

NOTES:

- ¹ Wholesale Base TRR information comes from Cost Statement BK-2 of SDG&E's TO5 Cycle 4 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 \$16,872,270, from Cost Statement BG; Page 1; Column A; Line 24, of SDG&E's TO5 Cycle 4 Annual Informational Filing.

San Diego Gas & Electric Company

H. TRBAA Work Papers

ER22-____ - ____

Work Paper - 1
Recorded Sales and Forecast Sales
Information

**San Diego Gas & Electric Co.
Recorded Billing Determinants for the 12-Month Period: October 2020 - September 2021**

Line No.	System Delivery Determinants	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Total
1	Customer Class Deliveries (MWh)													
2	Residential	671,815	536,335	542,764	599,569	519,187	448,960	377,755	337,417	383,752	490,841	587,145	625,048	6,120,586
3	Small Commercial	199,289	173,783	169,240	167,413	162,307	157,775	118,868	120,279	134,619	138,957	157,424	160,080	1,860,036
4	Med. & Large Comm./Ind.	827,238	768,866	701,916	675,971	576,211	713,020	596,638	792,230	850,649	783,918	704,498	1,052,115	9,043,270
5	Agriculture (PA)	15,297	12,826	10,062	8,676	8,318	7,464	9,249	10,936	13,060	13,233	11,450	15,523	136,092
6	Agriculture (PA-T-1)	18,658	17,194	14,422	12,456	13,201	11,951	10,965	14,527	20,637	18,736	16,245	19,972	188,965
7	Lighting	5,307	7,883	9,876	4,347	6,373	8,976	2,596	6,594	6,628	6,532	6,316	6,353	77,781
8	Sale for Resale	7	3	8	7	11	-	-	7	21	-	10	-	68
9	Total System	1,737,611	1,516,889	1,448,289	1,468,439	1,285,608	1,348,145	1,116,071	1,281,984	1,409,367	1,452,217	1,483,088	1,879,090	17,426,797
10														
11	Total System - EXCLUDING Sale for Resale	1,737,604	1,516,886	1,448,281	1,468,432	1,285,597	1,348,145	1,116,071	1,281,984	1,409,346	1,452,217	1,483,078	1,879,090	17,426,730
12														
13														
14	INPUT FROM RECORDED SALES FILE:													
15	Medium & Large Details - Deliveries in MWh:													
16	Med & Large C/I (AD)													
17	Med & Large C/I (AL+AY+DGR)	735,839	684,027	620,203	601,475	507,069	652,652	575,562	667,552	764,550	720,314	668,521	987,388	8,185,153
18	Med & Large C/I (A6)	91,399	84,839	81,713	74,496	69,142	60,367	21,076	124,678	86,099	63,603	35,978	64,727	858,117
19	Total	827,238	768,866	701,916	675,971	576,211	713,020	596,638	792,230	850,649	783,918	704,498	1,052,115	9,043,270
20														

Line No.	System Delivery Determinants	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Total
21	Customer Class Deliveries (kWh)													
22	Residential	671,814,622	536,334,522	542,764,101	599,568,996	519,186,645	448,959,976	377,755,406	337,417,208	383,752,002	490,840,727	587,144,627	625,047,622	6,120,586,454
23	Small Commercial	199,289,431	173,782,956	169,240,397	167,412,783	162,307,208	157,775,113	118,868,487	120,279,214	134,618,962	138,957,083	157,424,220	160,079,831	1,860,035,685
24	Med. & Large Comm./Ind.	827,238,117	768,866,022	701,916,180	675,970,967	576,211,150	713,019,571	596,637,950	792,229,919	850,648,945	783,917,548	704,498,481	1,052,115,163	9,043,270,013
25	Agriculture (PA)	15,297,096	12,825,503	10,061,713	8,675,549	8,318,024	7,463,860	9,248,678	10,936,167	13,060,292	13,232,840	11,449,835	15,522,796	136,092,353
26	Agriculture (PA-T-1)	18,657,642	17,194,323	14,422,439	12,456,423	13,201,128	11,950,537	10,965,086	14,527,087	20,637,316	18,736,018	16,244,554	19,972,165	188,964,718
27	Lighting	5,306,736	7,882,542	9,876,185	4,347,252	6,372,677	8,976,032	2,595,596	6,594,169	6,628,041	6,532,454	6,316,346	6,352,588	77,780,618
28	Sale for Resale	6,886	3,172	7,695	7,156	10,969	-	-	-	21,458	-	10,240	-	67,576
29	Total System	1,737,610,530	1,516,889,040	1,448,288,710	1,468,439,126	1,285,607,801	1,348,145,089	1,116,071,203	1,281,983,764	1,409,367,016	1,452,216,670	1,483,088,303	1,879,090,165	17,426,797,417
30														
31	Total System - EXCLUDING Sale for Resale	1,737,603,644	1,516,885,868	1,448,281,015	1,468,431,970	1,285,596,832	1,348,145,089	1,116,071,203	1,281,983,764	1,409,345,558	1,452,216,670	1,483,078,063	1,879,090,165	17,426,729,841
32														
33														
34	INPUT FROM RECORDED SALES FILE:													
35	Medium & Large Details - Deliveries in kWh:													
36	Med & Large C/I (AD)													
37	Med & Large C/I (AL+AY+DGR)	735,839,294	684,026,897	620,203,007	601,475,004	507,068,954	652,652,444	575,562,203	667,552,174	764,549,752	720,314,395	668,520,508	987,388,031	8,185,152,663
38	Med & Large C/I (A6)	91,398,823	84,839,125	81,713,173	74,495,963	69,142,196	60,367,127	21,075,747	124,677,745	86,099,193	63,603,153	35,977,973	64,727,132	858,117,350
39	Total	827,238,117	768,866,022	701,916,180	675,970,967	576,211,150	713,019,571	596,637,950	792,229,919	850,648,945	783,917,548	704,498,481	1,052,115,163	9,043,270,013
40														

San Diego Gas & Electric Co.													
Forecast Billing Determinants for the 12-Month Period: January 2022 - December 2022													
Line No.	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total
1	System Delivery Determinants												
2	Customer Class Deliveries (MWh)												
3	533,788	449,215	420,054	372,834	344,665	368,222	442,292	497,102	543,271	444,475	392,899	436,465	5,245,282
4	164,860	159,043	157,494	153,263	156,597	165,768	182,211	192,522	199,059	179,554	167,657	163,294	2,041,322
5	716,208	695,220	675,290	708,788	704,995	740,647	811,045	827,482	872,444	798,442	758,447	729,272	9,038,279
6	5,596	5,791	5,643	7,957	8,954	10,218	12,513	12,799	13,165	11,209	10,553	7,843	112,244
7	12,513	13,060	13,840	15,604	16,431	17,688	20,146	19,201	20,558	18,249	17,199	14,700	199,189
8	7,240	6,926	6,936	6,778	6,714	6,910	6,999	6,669	6,977	6,719	6,779	7,022	82,670
9	5	5	5	5	5	5	5	5	5	5	5	5	61
10	1,440,211	1,329,261	1,279,262	1,265,229	1,238,361	1,309,458	1,475,212	1,555,781	1,655,480	1,458,653	1,353,540	1,358,600	16,719,046
11	Total System - EXCLUDING Sale for Resale												
12	1,440,205	1,329,255	1,279,257	1,265,224	1,238,356	1,309,453	1,475,206	1,555,776	1,655,474	1,458,648	1,353,535	1,358,595	16,718,985
13	INPUT FROM FORECAST INFORMATION:												
14	Medium & Large Details - Deliveries in MWh:												
15	606,035	594,169	583,948	611,271	612,723	650,892	713,936	735,171	770,340	701,601	665,831	633,354	7,879,271
16	110,173	101,051	91,341	97,517	92,272	89,755	97,109	92,311	102,104	96,840	92,616	95,918	1,159,007
17	716,208	695,220	675,290	708,788	704,995	740,647	811,045	827,482	872,444	798,442	758,447	729,272	9,038,279
18	Total												

San Diego Gas & Electric													
Forecast Billing Determinants for the 12-Month Period: January 2022 - December 2022													
Line No.	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total
21	System Delivery Determinants												
22	Customer Class Deliveries (RWh)												
23	533,787,711	449,215,270	420,054,014	372,833,973	344,664,598	368,221,609	442,292,420	497,102,386	543,271,251	444,474,602	392,898,940	436,464,943	5,245,281,719
24	164,859,932	159,043,360	157,493,523	153,262,687	156,596,898	165,768,000	182,211,184	192,521,941	199,058,935	179,554,148	167,657,274	163,293,773	2,041,321,654
25	716,207,703	695,219,730	675,289,655	708,788,054	704,994,504	740,647,049	811,045,393	827,482,281	872,443,862	798,441,575	758,447,500	729,271,668	9,038,278,974
26	5,596,276	5,791,091	5,643,213	7,957,360	8,954,289	10,218,497	12,513,098	12,799,333	13,165,234	11,208,555	10,553,283	7,843,488	112,243,717
27	12,513,303	13,059,948	13,840,362	15,603,829	16,431,255	17,687,937	20,145,504	19,200,888	20,557,809	18,249,454	17,199,155	14,699,518	199,188,962
28	7,240,467	6,926,053	6,936,145	6,777,638	6,714,328	6,910,105	6,998,781	6,668,769	6,977,283	6,719,313	6,779,107	7,022,018	82,670,007
29	5,319	5,054	5,130	5,057	5,089	5,235	5,280	4,984	5,205	4,926	4,941	5,084	61,304
30	1,440,210,711	1,329,260,506	1,279,262,043	1,265,228,599	1,238,360,961	1,309,458,431	1,475,211,661	1,555,780,582	1,655,479,579	1,458,652,573	1,353,540,199	1,358,600,492	16,719,046,337
31	Total System - EXCLUDING Sale for Resale												
32	1,440,205,392	1,329,255,452	1,279,256,913	1,265,223,542	1,238,355,872	1,309,453,196	1,475,206,381	1,555,775,598	1,655,474,374	1,458,647,647	1,353,535,258	1,358,595,408	16,718,985,033
33	INPUT FROM FORECAST INFORMATION:												
34	Medium & Large Details - Deliveries in kWh:												
35	606,035,091	594,168,803	583,948,451	611,270,746	612,722,557	650,892,363	713,936,197	735,171,476	770,339,782	701,601,250	665,831,207	633,353,571	7,879,271,492
36	110,172,612	101,050,927	91,341,205	97,517,308	92,271,946	89,754,686	97,109,197	92,310,805	102,104,079	96,840,326	92,616,293	95,918,097	1,159,007,482
37	716,207,703	695,219,730	675,289,655	708,788,054	704,994,504	740,647,049	811,045,393	827,482,281	872,443,862	798,441,575	758,447,500	729,271,668	9,038,278,974
38	Total												

Work Paper - 2
Allocation of TRBAA Balance
@ Sept. 30, 2021

San Diego Gas & Electric Company
2022 - 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 @ 9/30/2021	\$ (3,702,231)				Work paper No. 4; Page 4.4; Line 32	1
2							2
3	Forecast - Wheeling Revenues		(18,805,192)	-	(18,805,192)	Work paper No. 6; Page 6.1; Line 19	3
4							4
5	Forecast - Settlements, Metering and Client Relations		8,793	7,207	16,000	Work paper No. 6; Page 6.1; Line 26	5
6							6
7	Forecast - ETC Cost Differentials		544,797	446,577	991,374	Work paper No. 6; Page 6.1; Line 32	7
8							8
9	Forecast - Other PTO Related Revenue (Credits)/Charges		(1,204,698)	245,584	(959,114)	Work paper No. 6; Page 6.1; Line 42	9
10							10
11	Forecast 2022 - Net Transmission Revenue Credits	\$	(19,456,300)	\$ 699,368	\$ (18,756,932)	Sum Lines 3 through 9	11
12							12
13	Allocation Factors Based on Revenue Credit Forecast		103.73%	-3.73%	100.00%	Ratios Per Line 11	13
14							14
15	Allocation of Beginning TRBAA Balance ¹	\$	(3,840,272)	\$ 138,041	\$ (3,702,231)	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
2022 - TRBAA Rate Filing
Standby Revenues

Line No.	Components	(1)		(2)	(3) = (1) + (2)		Reference	Line No.
		High Voltage	Low Voltage		Combined TRR	Combined TRR		
1	Total Standby Revenues				\$	(16,872,270)	See Note 1	1
2								2
3	TO5-Cycle 4 Informational Filing-Wholesale Base TRR	\$ 587,722,989	\$ 483,505,799		\$	1,071,228,788	See Note 2	3
4								4
5	HV-LV Allocation Factors	54.86438%	45.13562%			100.00%	Ratios Based on Line 2	5
6								6
7	Total HV-LV Standby Revenue Credits	\$ (9,256,866)	\$ (7,615,404)		\$	(16,872,270)	Col. 3; Line 1 x Line 5 Ratios	7

- 1 Standby Revenue amount of \$16,872,270, from Cost Statement BG; Page 1; Column A; Line 24, of SDG&E's TO5 Cycle 4 Annual Informational Filing.
- 2 Wholesale Base TRR information comes from SDG&E's TO5 Cycle 4 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, 2021
2022 Annual TRBAA Rate Filing

Line No.	Description	October 2020	November 2020	December 2020	January 2021
1	Beginning Balance (Overcollection)/Undercollection	\$ (5,041,424)	\$ (4,712,598)	\$ (4,843,424)	\$ (4,480,179)
2					
3	TRBAA Refund				
4	Kwh (Excluding Sales for Resale).	1,737,603,644	1,516,885,868	1,448,281,015	1,468,431,970
5	TRBAA Rate	\$ (0.00108)	\$ (0.00108)	\$ (0.00108)	\$ (0.00108)
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (1,876,612)	\$ (1,638,237)	\$ (1,564,143)	\$ (1,585,907)
7	Franchise Fees & Uncollectible Expense Adjustment	(22,261)	(19,434)	(18,555)	(18,813)
8	TRBAA Refunds/Collections Excluding Uncollectibles	\$ (1,854,350)	\$ (1,618,803)	\$ (1,545,589)	\$ (1,567,094)
9					
10	PTO Related - ISO Charge Types:				
11	CT 384/ CT 382 - HV Wheeling Revenues Due TO/Due ISO (Net)	(1,726,301)	(1,696,644)	(1,137,152)	(921,058)
12	CT 4575 - Settlements, Metering, Client Relations	1,000	1,000	1,000	1,000
13	ETC Cost Differentials	73,572	(92,348)	(36,280)	3,774
14	Other PTO Related Revenue (Credits)/Charges	139,841	51,247	3,123	4,718
15	Sub-Total Monthly PTO Related Activity	\$ (1,511,888)	\$ (1,736,745)	\$ (1,169,309)	\$ (911,567)
16					
17	Other CAISO Adjustment	-	-	-	-
18	Sub-Total Adjustment	\$ -	\$ -	\$ -	\$ -
19	Total	\$ (1,511,888)	\$ (1,736,745)	\$ (1,169,309)	\$ (911,567)
20					
21	Net Monthly Activity (Net Refunds, Revenues, Expenses, & Adjustments)	\$ 342,463	\$ (117,942)	\$ 376,280	\$ 655,527
22					
23	Interest Expense Calculations:				
24	Beginning Balance for Interest Calculation	\$ (5,041,424)	\$ (4,712,598)	\$ (4,843,424)	\$ (4,480,179)
25	Monthly Activity Included in Interest Calculation Basis	171,231	(58,971)	188,140	327,763
26	Basis for Interest Expense Calculation	(4,870,193)	(4,771,569)	(4,655,284)	(4,152,416)
27	Monthly Interest Rate	0.28000%	0.27000%	0.28000%	0.28000%
28	Interest Expense	\$ (13,637)	\$ (12,883)	\$ (13,035)	\$ (11,627)
29					
30	Other Adjustment (rounding)		\$ (1)		
31					
32	Ending Balance (Overcollection)/Undercollection	\$ (4,712,598)	\$ (4,843,424)	\$ (4,480,179)	\$ (3,836,279)
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, 2021
2022 Annual TRBAA Rate Filing

Line No.	Description	February 2021	March 2021	April 2021	May 2021
1	Beginning Balance (Overcollection)/Undercollection	\$ (3,836,279)	\$ (2,167,163)	\$ (364,702)	\$ 258,992
2					
3	TRBAA Refund				
4	Kwh (Excluding Sales for Resale).	1,285,596,832	1,348,145,089	1,116,071,203	1,281,983,764
5	TRBAA Rate	\$ (0.00116)	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (1,484,864)	\$ (1,658,218)	\$ (1,372,768)	\$ (1,576,840)
7	Franchise Fees & Uncollectible Expense Adjustment	(17,556)	(19,606)	(16,285)	(18,705)
8	TRBAA Refunds/Collections Excluding Uncollectibles	\$ (1,467,308)	\$ (1,638,612)	\$ (1,356,483)	\$ (1,558,135)
9					
10	PTO Related - ISO Charge Types:				
11	CT 384/ CT 382 - HV Wheeling Revenues Due TO/Due ISO (Net)	(284,559)	(1,080,835)	(769,306)	(1,830,788)
12	CT 4575 - Settlements, Metering, Client Relations	1,500	1,500	1,500	1,500
13	ETC Cost Differentials	206,003	1,062,058	31,064	894,536
14	Other PTO Related Revenue (Credits)/Charges	286,360	184,666	4,096	(2,455)
15	Sub-Total Monthly PTO Related Activity	\$ 209,304	\$ 167,389	\$ (732,646)	\$ (937,207)
16					
17	Other CAISO Adjustment	-	-	-	-
18	Sub-Total Adjustment	\$ -	\$ -	\$ -	\$ -
19	Total	\$ 209,304	\$ 167,389	\$ (732,646)	\$ (937,207)
20					
21	Net Monthly Activity (Net Refunds, Revenues, Expenses, & Adjustments)	\$ 1,676,612	\$ 1,806,001	\$ 623,837	\$ 620,927
22					
23	Interest Expense Calculations:				
24	Beginning Balance for Interest Calculation	\$ (3,836,279)	\$ (2,167,163)	\$ (364,702)	\$ 258,992
25	Monthly Activity Included in Interest Calculation Basis	838,306	903,001	311,919	310,464
26	Basis for Interest Expense Calculation	(2,997,973)	(1,264,163)	(52,783)	569,456
27	Monthly Interest Rate	0.25000%	0.28000%	0.27000%	0.28000%
28	Interest Expense	\$ (7,495)	\$ (3,540)	\$ (143)	\$ 1,594
29					
30	Other Adjustment (rounding)	\$ (1)		\$ (1)	
31					
32	Ending Balance (Overcollection)/Undercollection	\$ (2,167,163)	\$ (364,702)	\$ 258,992	\$ 881,514
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	0.1690%	0.1690%	0.1730%	0.1730%
38	Combined FF&U Adjustment Rate	1.1965%	1.1965%	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, 2021
2022 Annual TRBAA Rate Filing

Line No.	Description	June 2021	July 2021	August 2021	September 2021
1	Beginning Balance (Overcollection)/Undercollection	\$ 881,514	\$ (484,579)	\$ (1,119,852)	\$ (1,992,505)
2					
3	TRBAA Refund				
4	Kwh (Excluding Sales for Resale).	1,409,345,558	1,452,216,670	1,483,078,063	1,879,090,165
5	TRBAA Rate	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)	\$ (0.00123)
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (1,733,495)	\$ (1,786,227)	\$ (1,824,186)	\$ (2,311,281)
7	Franchise Fees & Uncollectible Expense Adjustment	(20,564)	(21,189)	(21,640)	(27,541)
8	TRBAA Refunds/Collections Excluding Uncollectibles	\$ (1,712,931)	\$ (1,765,037)	\$ (1,802,546)	\$ (2,283,740)
9					
10	PTO Related - ISO Charge Types:				
11	CT 384/ CT 382 - HV Wheeling Revenues Due TO/Due ISO (Net)	(1,744,289)	(2,261,998)	(2,834,606)	(2,517,658)
12	CT 4575 - Settlements, Metering, Client Relations	1,500	1,500	1,500	1,500
13	ETC Cost Differentials	(1,313,654)	(109,150)	215,391	56,409
14	Other PTO Related Revenue (Credits)/Charges	(23,116)	(28,419)	(53,134)	(1,526,040)
15	Sub-Total Monthly PTO Related Activity	\$ (3,079,558)	\$ (2,398,067)	\$ (2,670,848)	\$ (3,985,788)
16					
17	Other CAISO Adjustment	-	-	-	-
18	Sub-Total Adjustment	\$ -	\$ -	\$ -	\$ -
19	Total	\$ (3,079,558)	\$ (2,398,067)	\$ (2,670,848)	\$ (3,985,788)
20					
21	Net Monthly Activity (Net Refunds, Revenues, Expenses, & Adjustments)	\$ (1,366,627)	\$ (633,030)	\$ (868,302)	\$ (1,702,048)
22					
23	Interest Expense Calculations:				
24	Beginning Balance for Interest Calculation	\$ 881,514	\$ (484,579)	\$ (1,119,852)	\$ (1,992,505)
25	Monthly Activity Included in Interest Calculation Basis	(683,314)	(316,515)	(434,151)	(851,024)
26	Basis for Interest Expense Calculation	198,200	(801,094)	(1,554,003)	(2,843,529)
27	Monthly Interest Rate	0.27000%	0.28000%	0.28000%	0.27000%
28	Interest Expense	\$ 535	\$ (2,243)	\$ (4,351)	\$ (7,678)
29					
30	Other Adjustment (rounding)	(1)		\$ 1	\$ (1)
31					
32	Ending Balance (Overcollection)/Undercollection	\$ (484,579)	\$ (1,119,852)	\$ (1,992,505)	\$ (3,702,231)
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, 2021
2022 Annual TRBAA Rate Filing

Line No.	Description	Total	Reference	Line No.
1	Beginning Balance (Overcollection)/Undercollection	\$ (5,041,424)	Previous Month's Balance	1
2				2
3	TRBAA Refund			3
4	Kwh (Excluding Sales for Resale).	17,426,729,841	Work Paper No. 1; Page 1.1; Line 32	4
5	TRBAA Rate		TRBAA Rates; ER20-524 (Oct - Dec 2020; Jan 2021); ER21-301 (Feb - Sep 2021)	5
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (20,412,778)	Line 4 x Line 5	6
7	Franchise Fees & Uncollectible Expense Adjustment	(242,149)	(Line 6 / (1+ Line 38)) * Line 38	7
8	TRBAA Refunds/Collections Excluding Uncollectibles	\$ (20,170,629)	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)	(18,805,192)	Work Paper No. 5; Page 5.1-5.2; Line 4	11
12	CT 4575 - Settlements, Metering, Client Relations	16,000	Work Paper No. 5; Page 5.1-5.2; Line 7	12
13	ETC Cost Differentials	991,374	Work Paper No. 5; Page 5.1-5.2; Line 10	13
14	Other PTO Related Revenue (Credits)/Charges	(959,114)	Work Paper No. 5; Page 5.1-5.2; Line 13	14
15	Sub-Total Monthly PTO Related Activity	\$ (18,756,932)	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	\$ (18,756,932)	Sum Lines 15; 18	19
20				20
21	Net Monthly Activity (Net Refunds, Revenues, Expenses, & Adjustments)	\$ 1,413,697	Minus Line 8 + (Line 19)	21
22				22
23	Interest Expense Calculations:			23
24	Beginning Balance for Interest Calculation		Beg. Monthly Balances Jan 2021	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	\$ (74,501)	Line 26 x Line 27	28
29				29
30	Other Adjustment (rounding)	(4)		30
31				31
32	Ending Balance (Overcollection)/Undercollection	\$ (3,702,231)	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.
2022 TRBAA Rate Filing
Monthly TRBAA Details for Period Ending September 30, 2021

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
2022 TRBA Rate Filing
CAISO Charges Oct. 2020 - Sept. 2021

Line No.	Description	October 2020	November 2020	December 2020	January 2021	February 2021	March 2021	April 2021	May 2021
1	High Voltage Wheeling Revenues:								
2	CT 384 - HV Wheeling Revenues Due TO	\$ (1,726,266)	\$ (1,696,550)	\$ (1,137,152)	\$ (921,058)	\$ (284,559)	\$ (1,097,276)	\$ (769,306)	\$ (1,830,602)
3	CT 382 - HV Wheeling Charge Due ISO	(35)	(94)	-	(1)	-	16,442	-	(186)
4	Net	\$ (1,726,301)	\$ (1,696,644)	\$ (1,137,152)	\$ (921,058)	\$ (284,559)	\$ (1,080,835)	\$ (769,306)	\$ (1,830,788)
5									
6		\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
7	CT 4575 - Settlements, Metering, & Client Relations (SDGE-PTO)								
8									
9		\$ 73,572	\$ (92,348)	\$ (36,280)	\$ 3,774	\$ 206,003	\$ 1,062,058	\$ 31,064	\$ 894,536
10	ETC Cost Differentials from CAISO								
11									
12		\$ 139,841	\$ 51,247	\$ 3,123	\$ 4,718	\$ 286,360	\$ 184,666	\$ 4,096	\$ (2,455)
13	Other PTO Related Revenue (Credits)/Charges								
14									

San Diego Gas & Electric Company
2022 TRBA Rate Filing
CAISO Charges Oct. 2020 - Sept. 2021

Line No.	Description	June 2021	July 2021	August 2021	September 2021	Total	Reference	Line No.
1	High Voltage Wheeling Revenues:							
2	CT 384 - HV Wheeling Revenues Due TO	\$ (1,730,733)	\$ (2,261,998)	\$ (2,930,215)	\$ (2,528,772)	\$ (18,914,487)	ISO Charge Type 384	1
3	CT 382 - HV Wheeling Charge Due ISO	(13,556)	-	95,610	11,115	109,295	ISO Charge Type 382	2
4	Net	\$ (1,744,289)	\$ (2,261,998)	\$ (2,834,606)	\$ (2,517,658)	\$ (18,805,192)		3
5								4
6								5
7	CT 4575 - Settlements, Metering, & Client Relations (SDGE-PTO)	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 16,000	ISO Charge Type 4575	6
8								7
9								8
10	ETC Cost Differentials from CAISO	\$ (1,313,654)	\$ (109,150)	\$ 215,391	\$ 56,409	\$ 991,374	Work Paper 10; Pages 10.1 - 10.3; Line 48	9
11								10
12								11
13	Other PTO Related Revenue (Credits)/Charges	\$ (23,116)	\$ (28,419)	\$ (53,134)	\$ (1,526,040)	\$ (959,114)	Work Paper 12; Pages 12.1; Line 13	12
14								13
								14

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

San Diego Gas & Electric Company
2022 - TRBAA Rate Filing
Summary of TRBAA Forecast Allocation Between High Voltage and Low Voltage Facilities

Line No.	Reference	(A)		(B)	(C) = (A) + (B)	
		High Voltage	Low Voltage	Low Voltage	Total	
1	HV-LV Allocation Factors:					
2	A. Development of Allocation Factors:					
3	TO5 Cycle 4 - Recorded Gross Plant Balances; Dollars in (\$000)	\$ 3,916,143	\$ 3,005,095		\$ 6,921,238	
4	TO5 Cycle 4 - Weighted Forecast Plant Additions; Dollars in (\$000)	\$ 216,058	\$ 382,119		\$ 598,177	
5	Total Recorded & Forecast Gross Plant Balances; Dollars in (\$000)	\$ 4,132,201	\$ 3,387,214		\$ 7,519,415	
6	High Voltage - Low Voltage Ratios Based on Gross Plant; Per Line 9	54.95%	45.05%		100.00%	
7						
8						
9						
10						
11						
12						
13	B. Allocation of High Voltage Wheeling Revenues:					
14	Total Wheeling Revenues Forecast based on recorded HV-LV wheeling revenues ending 9/30/2021	\$ (18,805,192)	\$ -		\$ (18,805,192)	
15	HV - Allocation Ratio is NOT Based on Plant as shown on Line 11	100.00%	0.00%		100.00%	
16		\$ (18,805,192)	\$ -		\$ (18,805,192)	
17						
18						
19						
20						
21	C. Forecast of Settlements, Metering, & Client Relations Expense:					
22	Total Settlements, Metering & Client Relations Expense Forecast based on recorded CC4575 ending 9/30/2021	\$ 16,000			\$ 16,000	
23	Adjusted for Known and Measurable Changes.					
24						
25						
26	Total Settlements, Metering, & Client Relations Allocation	\$ 8,793	\$ 7,207		\$ 16,000	
27						
28	D: Forecast of ETC Cost Differentials Expense:					
29	Total ETC Cost Differentials Expense Forecast based on recorded other various CAISO charges ending 9/30/2021	\$ 991,374			\$ 991,374	
30						
31						
32	Total ETC Cost Differentials Allocation	\$ 544,797	\$ 446,577		\$ 991,374	
33						
34	E: Forecast of Other PTO Related Revenue (Credits)/Charges:					
35	Total Other PTO Related Revenue (Credits)/Charges based on recorded specific various CAISO charges ending 9/30/2021	\$ (959,114)			\$ (959,114)	
36	Less: CC 8526 HV/LV specific allocation per CAISO	\$ (1,506,924)	\$ (2,155)		\$ (1,509,079)	
37	Net Other PTO Related Revenue (Credits)/Charges HV/LV Allocation	\$ 302,226	\$ 247,738		\$ 549,965	
38	Total Other PTO Related Revenue (Credits)/Charges Allocation	\$ (1,204,698)	\$ 245,584		\$ (959,114)	
39						
40						
41						
42						
43						

Work Paper - 7
Derivation of Wheeling Revenue Forecast

San Diego Gas & Electric Company
2022 - 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-20	\$ (1,726,301)	\$ -	\$ (1,726,301)	Work paper No. 5; Page 5.1 and 5.2; Line 4	1		
2						2		
3	Nov-20	(1,696,644)	-	(1,696,644)	Work paper No. 5; Page 5.1 and 5.2; Line 4	3		
4						4		
5	Dec-20	(1,137,152)	-	(1,137,152)	Work paper No. 5; Page 5.1 and 5.2; Line 4	5		
6						6		
7	Jan-21	(921,058)	-	(921,058)	Work paper No. 5; Page 5.1 and 5.2; Line 4	7		
8						8		
9	Feb-21	(284,559)	-	(284,559)	Work paper No. 5; Page 5.1 and 5.2; Line 4	9		
10						10		
11	Mar-21	(1,080,835)	-	(1,080,835)	Work paper No. 5; Page 5.1 and 5.2; Line 4	11		
12						12		
13	Apr-21	(769,306)	-	(769,306)	Work paper No. 5; Page 5.1 and 5.2; Line 4	13		
14						14		
15	May-21	(1,830,788)	-	(1,830,788)	Work paper No. 5; Page 5.1 and 5.2; Line 4	15		
16						16		
17	Jun-21	(1,744,289)	-	(1,744,289)	Work paper No. 5; Page 5.1 and 5.2; Line 4	17		
18						18		
19	Jul-21	(2,261,998)	-	(2,261,998)	Work paper No. 5; Page 5.1 and 5.2; Line 4	19		
20						20		
21	Aug-21	(2,834,606)	-	(2,834,606)	Work paper No. 5; Page 5.1 and 5.2; Line 4	21		
22						22		
23	Sep-21	(2,517,658)	-	(2,517,658)	Work paper No. 5; Page 5.1 and 5.2; Line 4	23		
24						24		
25	Total Recorded	\$ (18,805,192)	\$ -	\$ (18,805,192)	Sum Lines 1 to 23	25		
26						26		
27	Wheeling Revenue Forecast	\$ (18,805,192)	\$ -	(18,805,192)	See Line 25	27		
28						28		

Work Paper - 8

Derivation of Settlements, Metering and
Client Relations Charges Forecast

San Diego Gas & Electric Company
 2022 - 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-20	\$ 1,000	Work paper No. 5; Page 5.1 and 5.2; Line 7	1
2				2
3	Nov-20	1,000	Work paper No. 5; Page 5.1 and 5.2; Line 7	3
4				4
5	Dec-20	1,000	Work paper No. 5; Page 5.1 and 5.2; Line 7	5
6				6
7	Jan-21	1,000	Work paper No. 5; Page 5.1 and 5.2; Line 7	7
8				8
9	Feb-21	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	9
10				10
11	Mar-21	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	11
12				12
13	Apr-21	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	13
14				14
15	May-21	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	15
16				16
17	Jun-21	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	17
18				18
19	Jul-21	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	19
20				20
21	Aug-21	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	21
22				22
23	Sep-21	1,500	Work paper No. 5; Page 5.1 and 5.2; Line 7	23
24				24
25	Total Recorded	\$ 16,000	Sum Lines 1 to 23	25
26				26
27	Settlements, Metering and Client Relations Charge Code - 4575 Forecast^a	\$ 16,000	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
2022 - 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-20	\$ 73,572	Work paper No. 5; Page 5.1 and 5.2; Line 10	1
2				2
3	Nov-20	(92,348)	Work paper No. 5; Page 5.1 and 5.2; Line 10	3
4				4
5	Dec-20	(36,280)	Work paper No. 5; Page 5.1 and 5.2; Line 10	5
6				6
7	Jan-21	3,774	Work paper No. 5; Page 5.1 and 5.2; Line 10	7
8				8
9	Feb-21	206,003	Work paper No. 5; Page 5.1 and 5.2; Line 10	9
10				10
11	Mar-21	1,062,058	Work paper No. 5; Page 5.1 and 5.2; Line 10	11
12				12
13	Apr-21	31,064	Work paper No. 5; Page 5.1 and 5.2; Line 10	13
14				14
15	May-21	894,536	Work paper No. 5; Page 5.1 and 5.2; Line 10	15
16				16
17	Jun-21	(1,313,654)	Work paper No. 5; Page 5.1 and 5.2; Line 10	17
18				18
19	Jul-21	(109,150)	Work paper No. 5; Page 5.1 and 5.2; Line 10	19
20				20
21	Aug-21	215,391	Work paper No. 5; Page 5.1 and 5.2; Line 10	21
22				22
23	Sep-21	56,409	Work paper No. 5; Page 5.1 and 5.2; Line 10	23
24				24
25	Total Recorded	\$ 991,374	Sum Lines 1 to 23	25
26				26
27	Existing Transmission Contracts (ETC) Cost Differentials Forecast	\$ 991,374	See Line 25	27
28				28

Work Paper – 10
Monthly Recorded ETC Cost Differentials
Charge Types

San Diego Gas & Electric Company
2022 TRBAA Rate Filing
Details of Monthly ETC Cost Differentials

Line No.	Charge Type	ETC Cost Differentials Charge Types	Oct-20	Nov-20	Dec-20	Jan-21
TRBAA Revenues						
1	1592	EP Penalty Allocation Payment	\$ -	\$ -	\$ (1,776)	\$ -
2	4989	RTM Congestion Credit Settlement	-	-	-	2
3	6011	Day Ahead Energy Congestion Loss Management	(50,510)	(23,016)	7,776	2,985
4	6090	Ancillary Service Upward Neutrality Allocation	(28)	(273)	-	-
5	6194	Spinning Reserve Obligation Settlement	1,939	50	(132)	(59)
6	6294	Non-Spinning Reserve Obligation Settlement	2,113	96	(12)	(3)
7	6457	Declined Hourly Pre-Dispatched Penalty Allocation	4	169	-	-
8	6458	Intertie Deviation Settlement Allocation	-	-	-	-
9	6478	Real Time System Imbalance Energy Offset	(30)	(22)	10	(1)
10	6706	Monthly CRRBA Clearing	27	235	-	0
11	6788	Real Time Market Congestion Credit Settlement	(64,113)	(89,041)	23,806	39,797
12	6791	CRR Accrued Interest Allocation	0	0	-	-
13	6947	IFM Marginal Losses Surplus Credit Allocation- Prelim	(122,897)	(65,446)	(83,319)	(39,255)
14	6977	Allocation of Transmission Loss Obligation Charge for Real Time	158	69	(39)	60
15	7070	Flexible Ramp Forecasted Movement Settlement	(2,595)	(1,881)	-	-
16	7078	Monthly Flexible Ramp Up Uncertainty Award Allocation	(1,198)	(197)	3,124	26
17	7989	Invoice Deviation Interest Distribution	(109)	(107)	(416)	(302)
18	8526	Generator Interconnection Process Forfeited Deposit Allocation	(202)	-	(3,684)	-
TRBAA Expenses						
20	0525	FERC Fees Under/Over Recovery	-	-	-	-
21	0550	FERC Fees	-	-	-	-
22	1303	Supplemental Reactive Energy Allocation	-	-	1	(0)
23	4515	Bid Segment Fee	38	40	49	20
24	4560	GMC - Market Services Charge	1,361	4,302	6,101	5,502
25	4561	GMC - System Operations Charge	3	544	535	(149)
26	4563	GMC - Transmission Ownership Rights	35,111	26,535	32,761	14,518
27	4575	Settlements, Metering, Client Relations	1,000	1,000	1,000	1,000
28	6196	Spinning Reserve Neutrality Allocation	(11)	(340)	-	-
29	6296	Non-Spinning Reserve Neutrality Allocation	(5)	(351)	-	-
30	6456	Intertie Deviation Settlement	-	-	-	-
31	6460	FMM Instructed Imbalance Energy Settlement	(113,855)	(601)	(10,627)	(6,183)
32	6470	Real Time Instructed Imbalance Energy Settlement	389,301	95,593	(12,044)	(30,349)
33	6477	Real Time Imbalance Energy Offset	(3,466)	(20,113)	2	(487)
34	6480	Excess Cost Neutrality Allocation	(65)	(1,091)	21	(21)
35	6484	Hour-Ahead Scheduling Process Uplift Settlement Allocation	-	-	-	-
36	6636	IFM Bid Cost Recovery Tier 1 Allocation	-	-	-	-
37	6678	Real Time Bid Cost Recovery Allocation	(777)	(5,272)	51	(210)
38	6774	Real Time Congestion Offset	(2,526)	(4,324)	526	(640)
39	6790	CRR Balancing Account	(73)	18	(16)	172
40	6985	Real Time Marginal Losses Offset	1,489	(6,898)	(7,206)	275
41	7077	Daily Flexible Ramp Up Uncertainty Award Allocation	(77)	798	1,594	3,114
42	7087	Daily Flexible Ramp Down Uncertainty Award Allocation	-	191	2,851	11,662
43	7088	Monthly Flexible Ramp Down Uncertainty Award Allocation	-	-	2,745	2,302
44	7999	Invoice Deviation Interest Allocation	3,564	(3,015)	35	-
45	H299 - T	Historic Interest Payment Settlement - TRBA	-	-	-	-
46	H399 - T	Historic Interest Charge Settlement - TRBA	-	-	-	-
47						
48		Grand Total	\$ 73,572	\$ (92,348)	\$ (36,280)	\$ 3,774
49						
50						
51		Adjusted Total ETC Cost Differential - Line 48 above	\$ 73,572	\$ (92,348)	\$ (36,280)	\$ 3,774
52		Per TRBAA Schedule; Workpaper 4.1 to 4.4; Line 13	\$ 73,572	\$ (92,348)	\$ (36,280)	\$ 3,774
53		Difference	-	-	-	-

San Diego Gas & Electric Company
2022 TRBAA Rate Filing
Details of Monthly ETC Cost Differentials

Line No.	Charge Type	ETC Cost Differentials Charge Types	Feb-21	Mar-21	Apr-21	May-21
TRBAA Revenues						
1	1592	EP Penalty Allocation Payment	\$ -	\$ -	\$ -	\$ -
2	4989	RTM Congestion Credit Settlement	-	-	(2)	-
3	6011	Day Ahead Energy Congestion Loss Management	34,241	37,437	18,526	(15,481)
4	6090	Ancillary Service Upward Neutrality Allocation	-	(1)	-	(4)
5	6194	Spinning Reserve Obligation Settlement	(60)	(158)	(15)	(30)
6	6294	Non-Spinning Reserve Obligation Settlement	(6)	(24)	(7)	17
7	6457	Declined Hourly Pre-Dispatched Penalty Allocation	-	-	-	-
8	6458	Intertie Deviation Settlement Allocation	(237)	(729)	-	237
9	6478	Real Time System Imbalance Energy Offset	(7)	(2,687)	(853)	2,463
10	6706	Monthly CRRBA Clearing	-	(1,699)	-	0
11	6788	Real Time Market Congestion Credit Settlement	21,801	(126,223)	(3,018)	(41,982)
12	6791	CRR Accrued Interest Allocation	-	(0)	-	-
13	6947	IFM Marginal Losses Surplus Credit Allocation- Prelim	(68,011)	(211,393)	(66,899)	(75,863)
14	6977	Allocation of Transmission Loss Obligation Charge for Real Time	(27)	(68)	-	27
15	7070	Flexible Ramp Forecasted Movement Settlement	-	(13)	-	-
16	7078	Monthly Flexible Ramp Up Uncertainty Award Allocation	(640)	3,025	1	(304)
17	7989	Invoice Deviation Interest Distribution	(157)	(3,549)	-	(2)
18	8526	Generator Interconnection Process Forfeited Deposit Allocation	-	-	-	-
TRBAA Expenses						
20	0525	FERC Fees Under/Over Recovery	-	-	-	-
21	0550	FERC Fees	-	99	-	-
22	1303	Supplemental Reactive Energy Allocation	-	-	-	-
23	4515	Bid Segment Fee	19	51	35	50
24	4560	GMC - Market Services Charge	9,891	7,821	1,699	2,650
25	4561	GMC - System Operations Charge	512	654	137	53
26	4563	GMC - Transmission Ownership Rights	23,689	40,136	23,111	21,120
27	4575	Settlements, Metering, Client Relations	1,500	1,500	1,500	1,500
28	6196	Spinning Reserve Neutrality Allocation	-	0	-	(0)
29	6296	Non-Spinning Reserve Neutrality Allocation	-	0	-	3
30	6456	Intertie Deviation Settlement	170,098	1,198,648	50,326	(147,379)
31	6460	FMM Instructed Imbalance Energy Settlement	(3,751)	49,781	3,183	4,264
32	6470	Real Time Instructed Imbalance Energy Settlement	(29,988)	37,986	1	31,911
33	6477	Real Time Imbalance Energy Offset	(53)	130	-	65
34	6480	Excess Cost Neutrality Allocation	-	-	-	0
35	6484	Hour-Ahead Scheduling Process Uplift Settlement Allocation	-	-	-	-
36	6636	IFM Bid Cost Recovery Tier 1 Allocation	-	-	-	-
37	6678	Real Time Bid Cost Recovery Allocation	22	102	(0)	(61)
38	6774	Real Time Congestion Offset	8	228	-	(3)
39	6790	CRR Balancing Account	(62)	(212)	-	62
40	6985	Real Time Marginal Losses Offset	(1,497)	14,315	2,924	668
41	7077	Daily Flexible Ramp Up Uncertainty Award Allocation	1,630	477	32	351
42	7087	Daily Flexible Ramp Down Uncertainty Award Allocation	20,815	3,015	180	685
43	7088	Monthly Flexible Ramp Down Uncertainty Award Allocation	26,271	13,404	195	225
44	7999	Invoice Deviation Interest Allocation	2	5	8	-
45	H299 - T	Historic Interest Payment Settlement - TRBA	-	-	-	(17,334)
46	H399 - T	Historic Interest Charge Settlement - TRBA	-	-	-	1,126,627
47						
48		Grand Total	\$ 206,003	\$ 1,062,058	\$ 31,064	\$ 894,536
49						
50						
51		Adjusted Total ETC Cost Differential - Line 48 above	\$ 206,003	\$ 1,062,058	\$ 31,064	\$ 894,536
52		Per TRBAA Schedule; Workpaper 4.1 to 4.4; Line 13	\$ 206,003	\$ 1,062,058	\$ 31,064	\$ 894,536
53		Difference	-	-	-	-

San Diego Gas & Electric Company
2022 TRBAA Rate Filing
Details of Monthly ETC Cost Differentials

Line No.	Charge Type	ETC Cost Differentials Charge Types	Jun-21	Jul-21	Aug-21	Sep-21	Total	Line No.
TRBAA Revenues								
1	1592	EP Penalty Allocation Payment	\$ -	\$ -	\$ -	\$ -	\$ (1,776)	1
2	4989	RTM Congestion Credit Settlement	-	-	-	-	-	2
3	6011	Day Ahead Energy Congestion Loss Management	(28,732)	880	35,637	157,068	176,813	3
4	6090	Ancillary Service Upward Neutrality Allocation	(7)	(14)	(223)	(0)	(550)	4
5	6194	Spinning Reserve Obligation Settlement	(45)	118	1,796	(54)	3,350	5
6	6294	Non-Spinning Reserve Obligation Settlement	(88)	92	1,627	(28)	3,778	6
7	6457	Declined Hourly Pre-Dispatched Penalty Allocation	(0)	-	-	-	172	7
8	6458	Intertie Deviation Settlement Allocation	720	(372)	(4,593)	(6)	(4,979)	8
9	6478	Real Time System Imbalance Energy Offset	4,154	293	(2,162)	4,283	5,441	9
10	6706	Monthly CRRBA Clearing	1,206	-	(3,330)	(163)	(3,723)	10
11	6788	Real Time Market Congestion Credit Settlement	(14,239)	(23,203)	(103,397)	48,584	(331,228)	11
12	6791	CRR Accrued Interest Allocation	0	-	(0)	(0)	0	12
13	6947	IFM Marginal Losses Surplus Credit Allocation- Prelim	(111,272)	(179,671)	(313,511)	(195,799)	(1,533,335)	13
14	6977	Allocation of Transmission Loss Obligation Charge for Real Time	65	(518)	(785)	(24)	(1,083)	14
15	7070	Flexible Ramp Forecasted Movement Settlement	-	(586)	(7,714)	-	(12,788)	15
16	7078	Monthly Flexible Ramp Up Uncertainty Award Allocation	(1,016)	(625)	144	187	2,527	16
17	7989	Invoice Deviation Interest Distribution	(9,579)	(1,607)	(447)	3,406	(12,869)	17
18	8526	Generator Interconnection Process Forfeited Deposit Allocation	-	-	-	0	(3,886)	18
TRBAA Expenses								
20	0525	FERC Fees Under/Over Recovery	-	-	227	-	227	20
21	0550	FERC Fees	(72)	-	558	64	649	21
22	1303	Supplemental Reactive Energy Allocation	-	-	-	-	1	22
23	4515	Bid Segment Fee	40	33	42	26	443	23
24	4560	GMC - Market Services Charge	4,930	2,781	3,739	3,874	54,651	24
25	4561	GMC - System Operations Charge	40	546	1,353	154	4,382	25
26	4563	GMC - Transmission Ownership Rights	25,169	30,433	43,603	25,144	341,330	26
27	4575	Settlements, Metering, Client Relations	1,500	1,500	1,500	1,500	16,000	27
28	6196	Spinning Reserve Neutrality Allocation	0	19	177	0	(154)	28
29	6296	Non-Spinning Reserve Neutrality Allocation	(17)	15	159	0	(194)	29
30	6456	Intertie Deviation Settlement	(1,182,336)	(48,629)	(17,373)	75,945	99,299	30
31	6460	FMM Instructed Imbalance Energy Settlement	(1,469)	107,944	591,431	(33,636)	586,482	31
32	6470	Real Time Instructed Imbalance Energy Settlement	(387)	2,010	(29,761)	(17,987)	436,284	32
33	6477	Real Time Imbalance Energy Offset	(44)	(181)	2,007	5	(22,133)	33
34	6480	Excess Cost Neutrality Allocation	-	-	-	-	(1,156)	34
35	6484	Hour-Ahead Scheduling Process Uplift Settlement Allocation	-	-	29	-	29	35
36	6636	IFM Bid Cost Recovery Tier 1 Allocation	-	-	-	66	66	36
37	6678	Real Time Bid Cost Recovery Allocation	295	336	1,526	140	(3,848)	37
38	6774	Real Time Congestion Offset	74	1,007	11,753	(5)	6,098	38
39	6790	CRR Balancing Account	161	(5)	4,136	(43)	4,137	39
40	6985	Real Time Marginal Losses Offset	2,250	(2,564)	(2,924)	(2,410)	(1,578)	40
41	7077	Daily Flexible Ramp Up Uncertainty Award Allocation	(209)	768	150	(12)	8,615	41
42	7087	Daily Flexible Ramp Down Uncertainty Award Allocation	1,554	-	-	-	40,953	42
43	7088	Monthly Flexible Ramp Down Uncertainty Award Allocation	(6,304)	(7)	(2)	(0)	38,827	43
44	7999	Invoice Deviation Interest Allocation	2	58	20	45	725	44
45	H299 - T	Historic Interest Payment Settlement - TRBA	-	-	-	(40,503)	(57,837)	45
46	H399 - T	Historic Interest Charge Settlement - TRBA	-	-	-	26,588	1,153,214	46
47								47
48		Grand Total	\$ (1,313,654)	\$ (109,150)	\$ 215,391	\$ 56,409	\$ 991,374	48
49								49
50		Adjusted Total ETC Cost Differential - Line 48 above	\$ (1,313,654)	\$ (109,150)	\$ 215,391	\$ 56,409	\$ 991,374	50
51		Per TRBAA Schedule; Workpaper 4.1 to 4.4; Line 13	\$ (1,313,654)	\$ (109,150)	\$ 215,391	\$ 56,409	\$ 991,374	51
52		Difference	-	-	-	-	-	52
53								53

Work Paper - 11

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

San Diego Gas & Electric Company
2022 - 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-20	\$ 139,841	Work paper No. 5; Page 5.1 and 5.2; Line 13	1
2				2
3	Nov-20	51,247	Work paper No. 5; Page 5.1 and 5.2; Line 13	3
4				4
5	Dec-20	3,123	Work paper No. 5; Page 5.1 and 5.2; Line 13	5
6				6
7	Jan-21	4,718	Work paper No. 5; Page 5.1 and 5.2; Line 13	7
8				8
9	Feb-21	286,360	Work paper No. 5; Page 5.1 and 5.2; Line 13	9
10				10
11	Mar-21	184,666	Work paper No. 5; Page 5.1 and 5.2; Line 13	11
12				12
13	Apr-21	4,096	Work paper No. 5; Page 5.1 and 5.2; Line 13	13
14				14
15	May-21	(2,455)	Work paper No. 5; Page 5.1 and 5.2; Line 13	15
16				16
17	Jun-21	(23,116)	Work paper No. 5; Page 5.1 and 5.2; Line 13	17
18				18
19	Jul-21	(28,419)	Work paper No. 5; Page 5.1 and 5.2; Line 13	19
20				20
21	Aug-21	(53,134)	Work paper No. 5; Page 5.1 and 5.2; Line 13	21
22				22
23	Sep-21	(1,526,040)	Work paper No. 5; Page 5.1 and 5.2; Line 13	23
24				24
25	Total Recorded	\$ (959,114)	Sum Lines 1 to 23	25
26				26
27	Other PTO Related Revenue (Credits) / Charges Forecast	\$ (959,114)	See Line 25	27
28				28

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

San Diego Gas & Electric Company
2022 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-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Total	Line No.
1	1592	EP Penalty Allocation Payment	\$ -	\$ -	\$ (42)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (42)	1
2	7989	Invoice Deviation Interest Distribution	(75)	(23)	(300)	(1,049)	(453)	(91)	(3,406)	(3,178)	(23,545)	(28,419)	(53,134)	(17,239)	(130,912)	2
3	7999	Generator Interconnection Process Forfeited Deposit Allocation	139,916	51,270	3,553	5,767	286,813	184,757	7,502	723	429	-	-	278	681,006	3
4	8526	Neutrality Adjustment	0	-	(88)	-	-	-	-	-	-	-	-	b	(1,509,079)	4
5	8989	Daily Neutrality Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	5
6	8999	Invoice Deviation Interest Allocation	-	-	-	-	-	-	-	-	-	-	-	-	-	6
7																7
8																8
9																9
10																10
11																11
12																12
13		Grand Total	\$ 139,841	\$ 51,247	\$ 3,123	\$ 4,718	\$ 286,360	\$ 184,666	\$ 4,096	\$ (2,455)	\$ (23,116)	\$ (28,419)	\$ (53,134)	\$ (1,526,040)	\$ (959,114)	13
14																14
15		Adjusted Total Other PTO Related Revenue (Credits)/Charges -														15
16		Line 13 above	\$ 139,841	\$ 51,247	\$ 3,123	\$ 4,718	\$ 286,360	\$ 184,666	\$ 4,096	\$ (2,455)	\$ (23,116)	\$ (28,419)	\$ (53,134)	\$ (1,526,040)	\$ (959,114)	16
17		Per TRBAA Schedule; Workpaper 4.1 to 4.4; Line 14	\$ 139,841	\$ 51,247	\$ 3,123	\$ 4,718	\$ 286,360	\$ 184,666	\$ 4,096	\$ (2,455)	\$ (23,116)	\$ (28,419)	\$ (53,134)	\$ (1,526,040)	\$ (959,114)	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 \$1,509,078.51 under CAISO Charge Code 8526 in September, 2021, and this was recorded in the TRBA. Of this amount, \$1,506,924.00 is associated with the High Voltage Transmission Revenue Requirement and \$2,154.51 is associated with the Low Voltage Transmission Revenue Requirement.

High Voltage	\$ (1,506,924.00)	\$ (1,506,924.00)
Low Voltage	(2,154.51)	\$ (2,154.51)
Total	b	\$ (1,509,078.51) \$ (1,509,078.51)